

**EXHIBIT 2**  
**INITIAL DESIGNATION OF AUTHORIZED REPRESENTATIVES**

**TxDOT's Authorized Representative**

TxDOT hereby designates the person serving from time to time as the Executive Director of TxDOT as its Authorized Representative and such other persons as the Executive Director may from time to time designate by notice to Developer. Any such designations by the Executive Director may be limited in scope and duration and may be revoked at any time by notice to Developer.

**Developer's Authorized Representative**

Developer hereby designates Nuria Haltiwanger as its Authorized Representative and such other persons as the Developer may from time to time designate by notice to TxDOT. Any such designations by the Developer may be limited in scope and duration and may be revoked at any time by notice to TxDOT.

**EXHIBIT 3  
FORM OF LEASE**

Exhibit 3A Form of Lease

Exhibit 3B Form of Memorandum of Lease

**EXHIBIT 3A  
FORM OF LEASE**

\* \* \* \* \*

**PROJECT LEASE  
STATE HIGHWAY 288 TOLL LANES IN HARRIS COUNTY**

This Project Lease (together with its exhibits and as amended from time to time, the “**Lease**”) is entered into and effective as of [●] [*insert the Operating Commencement Date*], by and between the Texas Department of Transportation, a public agency of the State of Texas (“**TxDOT**”), and Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Developer**”).

**RECITALS**

A. TxDOT and Developer have entered into that Comprehensive Development Agreement (State Highway 288 Toll Lanes in Harris County) dated as of [●], 2016 (the “**Agreement**”). In the Agreement, to which a form of this Lease constitutes Exhibit 3, TxDOT confers upon Developer certain rights to finance, develop, design, acquire, construct, use, toll, operate and maintain the Project described therein.

B. Pursuant to the Agreement, Developer has constructed the Project on the Project Right of Way described below, to which entry and other rights necessary for construction of the Project were granted by TxDOT to Developer pursuant to the Agreement.

C. TxDOT intends to lease the Project and the Project Right of Way, subject to restrictions in Section 1.2, to Developer, and Developer desires to lease the Project and the Project Right of Way from TxDOT, on the terms and conditions provided herein.

NOW, THEREFORE, in consideration of the foregoing premises and the covenants and agreements set forth herein, the Parties hereby agree as follows:

**ARTICLE 1  
LEASE, PREMISES, TITLE AND TERM**

**1.1 Lease of Premises.** TxDOT hereby leases, lets, demises and rents to Developer, and Developer hereby leases and rents from TxDOT, all the real property described in Exhibit A attached hereto, together with all the improvements now or hereafter located thereon owned by TxDOT, including the portion of the Project thereon, subject to the exclusions and reservations set forth in Section 1.2 (the “**Premises**”), in accordance with the terms described herein.

**1.2 Exclusions and Reservations**

(a) The Premises, and Developer’s leasehold estate hereunder, specifically exclude any and all Airspace. There are hereby reserved to TxDOT all rights to own, lease, sell, assign, transfer, utilize, develop or exploit the Airspace for purposes of pursuing Business Opportunities to the extent permitted under, and subject to the terms of, Section 24.2 of the Agreement; and Developer shall not engage in any activity respecting or infringing upon the Airspace. TxDOT hereby reserves a non-exclusive easement over the Premises for access to and from the Airspace for development, maintenance, repair, replacement, operation, use and enjoyment of the Airspace for such purpose. (Airspace shall have the meaning provided in the Agreement.)

(b) TxDOT reserves the right to enter upon, possess, control and utilize the Premises with or without payment of compensation to Developer to the extent and only to the extent specifically permitted in the CDA Documents.

(c) TxDOT reserves the right to grant to other parties utility and other permits and easements and modifications thereto and rights of use to the extent and only to the extent provided in Sections 11.7 and 15.5 of the Agreement.

**1.3 Title.** Fee title to the Premises is and at all times shall remain vested in TxDOT, subject to Developer's leasehold estate under this Lease.

#### **1.4 Term**

(a) The term of this Lease shall commence upon the Operating Commencement Date and shall continue until the date that is 52 years after the Effective Date.

(b) The term of this Lease is subject to earlier termination in accordance with the Agreement. Termination of the Agreement in accordance with its terms shall automatically result in termination of this Lease, as provided in Section 31.10 of the Agreement.

(c) The term of this Lease may be extended only as provided in the Agreement.

(d) Developer agrees and acknowledges that neither the signing of this Lease nor its expiration or earlier termination for any reason shall entitle Developer to assistance under Texas Property Code Section 21.046, Texas Administrative Code Section 43, Chapter 21, subchapter G, Commission Minute Orders 65168 and 78183, and any amendments thereto, or under the Uniform Relocation and Assistance and Real Property Acquisition Policies Act, as amended, 42 U.S.C. Sections 4651 *et seq.* and any amendments thereto.

### **ARTICLE 2 RENT, TAXES, OTHER CHARGES**

**2.1 Rent.** As rent for the Premises, Developer shall pay to TxDOT the portion of the Revenue Payment Amount allocated to rent under this Lease, as set forth in Section 4.2 of the Agreement and Exhibit 6 to the Agreement. Developer's payment obligations are subject to the terms of the Agreement.

**2.2 Taxes.** TxDOT shall have no liability with respect to any real property or possessory interest tax imposed on Developer's interest in the Premises or any part thereof by any Governmental Entity, except to the extent specifically provided otherwise in the Agreement or resulting from TxDOT's exercise of its rights with respect to Business Opportunities.

**2.3 Other Charges.** TxDOT shall have no liability with respect to any water, electric, gas, and other lighting, heating, power and utility charges accruing or payable in connection with Developer's use of the Premises during the term of this Lease, other than as paid in connection with a Compensation Event under the Agreement.

### **ARTICLE 3 USE**

**3.1 Use.** During the term of this Lease, Developer shall use the Premises only for the purposes of performing the Work, holding the Project open for public use as a highway project, and tolling the Project

in accordance with the Agreement. Developer's right to perform the Work, hold the Project open for public use and toll the Project during the term of this Lease is hereby specifically permitted, authorized and granted by TxDOT. Such use shall be in accordance with and subject to the terms, provisions, conditions and limitations set forth in the CDA Documents.

### **3.2 Mechanic's Liens**

(a) Developer acknowledges and agrees that neither TxDOT nor TxDOT's right, title and interest in and to the Project and Project Right of Way may or shall be subject to claims or liens for labor or materials in any way arising out of or relative to Developer's activities, including Design Work and Construction Work.

(b) In the event any lien for labor or materials is recorded upon TxDOT's interest in the Premises, Developer shall, within 60 days after obtaining knowledge thereof, (i) record a valid release of lien; (ii) procure and record a bond in such form and amount and issued by such surety as is required by applicable Laws to release TxDOT's interest in the Premises from the lien and from any action brought to foreclose the lien; or (iii) deposit with a third-party escrow agent reasonably acceptable to TxDOT sufficient cash to cover the amount of the subject lien claim, including interest and costs; under irrevocable, binding authorization and instructions for the escrow agent to pay out of such deposit to any subsequent judgment holder the amount of any judgment arising from litigation with regard to the subject lien. The giving of any contrary instructions by Developer shall be strictly prohibited and constitute a default by Developer hereunder.

## **ARTICLE 4 ASSIGNMENT, SUBLETTING AND CHANGE OF CONTROL**

### **4.1 Assignment by Developer**

(a) Developer shall not voluntarily or involuntarily sell, assign, convey, transfer, pledge, mortgage or otherwise encumber its interests in this Lease or the Premises except to the extent specifically permitted under Article 33 of the Agreement.

(b) Developer shall not sublease or grant any other special occupancy or use of the Premises to any other Person except to the extent specifically permitted under Article 33 of the Agreement.

(c) Developer shall not voluntarily or involuntarily cause, permit or suffer any Restricted Change in Ownership or Equity Transfer except to the extent specifically permitted under Article 33 of the Agreement.

**4.2 Assignment by TxDOT.** TxDOT may transfer and assign its rights, title and interests in the Agreement, this Lease and other CDA Documents as provided in Section 33.4 of the Agreement.

**4.3 Notice and Assumption.** Assignments and transfers permitted under Section 4.1 shall be effective only upon TxDOT's receipt of written notice of the assignment or transfer and a written recordable assumption by the transferee (except as otherwise provided in Article 33 of the Agreement) in form and substance set forth in Section 33.5 of the Agreement.

**ARTICLE 5  
ENCUMBRANCE AND LENDER RIGHTS**

**5.1 Funding Agreements and Security Documents.** The rights of Developer to mortgage, pledge, hypothecate, deed in trust or assign to any Lender Developer's interest in the leasehold estate created by this Lease, are set forth in, and subject to the terms and conditions of, Article 3 of the Agreement.

**5.2 Lenders' Rights.** Any Lender that holds a Funding Agreement and Security Document and satisfies the conditions and limitations set forth in Section 2.1 of the Lenders' Direct Agreement (Exhibit 21 of the Agreement) shall have and retain the rights specified in the Lenders' Direct Agreement, which rights, including Lender third-party beneficiary rights, are, without duplication, applicable to this Lease.

**ARTICLE 6  
QUIET ENJOYMENT**

**6.1 Quiet Enjoyment.** Except as expressly provided otherwise by, and subject to all the terms and conditions of, this Lease and the other CDA Documents, TxDOT covenants that (a) Developer may quietly and peaceably hold, occupy, use and enjoy the Premises for the Term without ejection or interference by TxDOT or any Person claiming by, through or under TxDOT, and (b) TxDOT will protect and defend Developer's right to possession, control and operation of the Premises as provided in this Lease and CDA Documents against the claims of any Person claiming by, through or under TxDOT.

**6.2 Right of Entry.** Developer shall permit TxDOT, the Independent Engineer and their respective authorized agents, employees, representatives, contractors and subcontractors to enter upon the Premises for any purpose relating to TxDOT's or the Independent Engineer's rights or obligations under the CDA Documents or Independent Engineer Agreement or under any other circumstances specified in this Lease and/or the other CDA Documents, including (a) entry upon the Premises to monitor, inspect and audit the same and Developer's activities as provided in the CDA Documents and (b) TxDOT's right to enter upon the Premises in the exercise of any of its remedies under Section 29.4 of the Agreement or upon effective termination of the Agreement. No such exercise of the right of entry or loss of use of the Premises by reason thereof shall be compensable, except to the extent of any Compensation Amount or Termination Compensation that may be owing pursuant to the Agreement.

**ARTICLE 7  
DEFAULTS AND REMEDIES**

**7.1 Events of Default.** The events constituting a default of Developer under this Lease consist of (a) failure by Developer to timely pay to TxDOT monies due and payable to TxDOT hereunder; (b) failure by Developer to observe and perform any covenant, term or condition required to be observed or performed by Developer under this Lease; and (c) each and every other Developer Default set forth in Section 29.1 of the Agreement. For each of the above events constituting a default of Developer under this Lease, Developer shall be entitled to notice of default and opportunity thereafter to cure to the extent provided in the Agreement.

**7.2 Remedies of TxDOT.** TxDOT's rights and remedies with respect to any default by Developer under this Lease shall be exclusively governed by the Agreement. In no event shall TxDOT have the right to terminate this Lease prior to termination of the Agreement in accordance with its terms.

**7.3 No Double Recovery.** The double counting of a remedy because a default is simultaneously a default under this Lease and the Agreement is contrary to the intent of the Parties.

**ARTICLE VIII  
SURRENDER ON TERMINATION**

**8.1 Surrender.** On the Termination Date, this Lease shall terminate and Developer shall surrender possession and control of the Premises to TxDOT in accordance with all provisions of the CDA Documents, including but not limited to Articles 20 and 31 of the Agreement.

**ARTICLE IX  
MISCELLANEOUS**

**9.1 Relationship of Parties.** The relationship of Developer to TxDOT under this Lease shall be one of lessee to lessor, and not of agent, partner, joint venture or employee; and TxDOT shall have no rights to direct or control the activities of Developer or any Developer Related Entity. Officials, employees and agents of TxDOT, including its Authorized Representative, shall in no event be considered employees, agents, partners or representatives of Developer or any Lender.

**9.2 Waiver.** All the provisions respecting waiver of rights, obligations and remedies set forth in Section 35.4 of the Agreement are hereby incorporated herein by reference and made a part hereof.

**9.3 Third Parties.** Nothing in the provisions of this Lease is intended to create duties or obligations to or rights in third parties not a party to this Lease, except for Lenders to the extent provided herein and in the Agreement, or to affect the legal liability of either Party by imposing any standard of care respecting duties and obligation different from the standard of care imposed by Law.

**9.4 Notices.** All notices, authorizations and other communications required under this Lease between TxDOT and Developer shall be given as provided in Section 35.12 of the Agreement.

**9.5 Agreement Controls.** The provisions of the Agreement shall apply to this Lease in the same manner as to the Agreement and are incorporated herein by reference. All capitalized terms used but not defined herein shall have the respective meanings given them in the Agreement.

**9.6 Successors and Assigns.** This Lease shall be binding upon and shall inure to the benefit of TxDOT and Developer and their permitted successors, assigns and legal representatives.

**9.7 No Brokers.** Each Party represents and warrants that it has not dealt with any real estate broker or agent or any finder in connection with this Lease.

**9.8 Disputes and Governing Law and Venue.** All Claims and Disputes arising under this Lease shall be resolved according to Section 29.8 and Article 30 of the Agreement. This Lease shall be governed and construed in accordance with the laws of the State of Texas applicable to contracts executed and to be performed within such State.

**9.9 Counterparts.** This instrument may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

**9.10 Severability.** If any term or provision of this Lease, the deletion of which would not adversely affect the receipt of any material benefit by either Party hereunder, shall be held to be invalid or unenforceable, the remainder of this Lease shall not be affected thereby and each other term and provision of this Lease shall be valid and enforceable to the fullest extent permitted by Law. The Parties intend and agree that in lieu of each clause or provision of this Lease that is illegal, invalid or unenforceable, the

dispute resolution body shall supply as a part of this Lease an enforceable clause or provision as similar in terms to such illegal, invalid or unenforceable clause or provision as may be possible.

**Signature Page Immediately Follows**



IN WITNESS WHEREOF, the Parties, intending to be legally bound, have executed this Lease in two original counterparts on the date first written above.

**Developer**

**TxDOT**

**Blueridge Transportation Group, LLC**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**EXHIBIT 3B  
FORM FOR MEMORANDUM OF LEASE**

\* \* \* \* \*

**After recording return document to:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Attn: \_\_\_\_\_

**MEMORANDUM OF LEASE**

This Memorandum of Lease is entered into and effective as of [●] [*insert the Operating Commencement Date*], by and between the Texas Department of Transportation, a public agency of the State of Texas (“**TxDOT**”), and Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Developer**”).

**WITNESSETH**

1. TxDOT and Developer have this day entered into a Lease (the “**Lease**”) and on [●], 2016 TxDOT and Developer entered into a related Comprehensive Development Agreement (State Highway 288 Toll Lanes in Harris County) (the “**Agreement**”). Under the Lease Developer has agreed to, and does hereby, lease from TxDOT, and TxDOT has agreed to, and does hereby, lease to Developer, on the terms and conditions set forth in the Lease, the premises in the County of Harris in the State of Texas legally described in Exhibit A attached hereto and made a part hereof, all for the purpose described in the Lease and Agreement of financing, developing, constructing, operating and maintaining the Project on the Project Right of Way as described and defined in the Lease and Agreement. All capitalized terms not otherwise defined herein shall have the same meaning as set forth in the Agreement.

2. The Lease sets forth the names and addresses of the parties thereto.

3. The term of the Lease for the property described in Exhibit A attached hereto commences upon the Operating Commencement Date and shall continue until the date that is 52 years after the Effective Date.

4. The term of the Lease is subject to earlier termination in accordance with the Agreement. Termination of the Agreement in accordance with its terms shall automatically result in termination of the Lease, as provided in Section 31.10 of the Agreement. The term of the Lease may be extended only as provided in the Agreement.

5. In the event of any conflict between the terms of this Memorandum of Lease and the terms of the Lease, the terms of the Lease shall control.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, the Parties, intending to be legally bound, have executed this Memorandum of Lease on the date first written above, for the purpose of providing an instrument for recording.

**Developer**

**TxDOT**

**Blueridge Transportation Group, LLC**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

STATE OF TEXAS            )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

Before me, \_\_\_\_\_ (insert the name and character of the officer), on this day personally appeared, \_\_\_\_\_ known to me (or proved to me on the oath of \_\_\_\_\_ or through \_\_\_\_\_ (description of identity card or other document) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

(Personalized Seal)

\_\_\_\_\_  
Notary Public's Signature

STATE OF TEXAS            )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

Before me, \_\_\_\_\_ (insert the name and character of the officer), on this day personally appeared, \_\_\_\_\_ known to me (or proved to me on the oath of \_\_\_\_\_ or through \_\_\_\_\_ (description of identity card or other document) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

(Personalized Seal)

\_\_\_\_\_  
Notary Public's Signature

**EXHIBIT 4**  
**PROJECT PLAN OF FINANCE**

## 5. Financing Plan

Blueridge Transportation Group (“BTG”) is committed to delivering a competitive, robust and efficient financial structure that builds on its team members’ deep expertise and success in closing and completing P3 projects throughout the United States and globally, and provides a high degree of certainty and value-for-money to the Texas Department of Transportation (“TxDOT”). BTG’s Equity Members are comprised of ACS Servicios y Concesiones, S.L., acting through its United States subsidiary ACS Infrastructure Development, Inc. (“ACS”), InfraRed Capital Partners Limited acting in its capacity as manager for and on behalf of each of the several limited partnerships constituting InfraRed Infrastructure Fund III (“InfraRed”), Shikun & Binui Concessions USA, Inc. (“SBC USA”), Northleaf Capital Partners (“Northleaf”), Clal Insurance Enterprises Holdings Ltd. Group (“Clal”) and Star America Fund GP LLC, acting in its capacity as General Partner of Star America Infrastructure Fund, LP and Star America Infrastructure Fund Affiliates, LP (“Star America”), who together with Scotiabank, Barclays and Citi bring a long successful history of closing comparable infrastructure projects. BTG’s Financing Plan is rooted in the strong commitments from both its debt and equity providers to achieve Financial Close on schedule in partnership with TxDOT.

In formulating the Financing Plan, BTG evaluated an extensive range of potential financing solutions available in the current market, including tax-exempt and taxable bonds, a TIFIA loan, short-term and long-term bank financing and various combinations thereof. Given the nature of the Project and the requirements of key stakeholders, including TxDOT, the U.S. Department of Transportation (“USDOT”), rating agencies, lenders and the Equity Members, BTG selected a combination of tax-exempt Private Activity Bonds (“PABs”) and a TIFIA loan for its debt financing in addition to equity contributions from the Equity Members.

### 5.1 Range of Financing Sources

#### (a) senior debt finance and TIFIA Loan;

BTG’s financing solution includes a total amount of \$658 million in Project debt sourced through a combination of TIFIA loan and PABs. The PABs (estimated at \$319 million, including issue premium) will be underwritten by one or both of our mandated underwriters, Barclays, PLC (“Barclays”) and Citigroup Global Markets, Inc. (“Citi”). The TIFIA loan facility provided by the USDOT, acting by and through the Federal Highway Administration, will be drawn to a loan amount of \$348 million. The table below outlines the amount to be obtained from each debt facility and identifies the purpose and provider:

Cash Flow Waterfall	Financing Source	Provider	Principal Amount	Purpose Priority
1	Private Activity Bonds	Barclays, Citi	\$298 million	<p><b>Purpose</b> - The proceeds of the PABs will be used to pay Project Costs and fund reserve accounts, as required.</p> <p><b>Priority</b> - drawn first and amortize over the operating period with a final maturity of 39.7 years from Financial Close and an average life 31.7years.</p>
2	TIFIA Loan	USDOT	\$348 million	<p><b>Purpose</b> - The proceeds of the TIFIA loan facility will be used to pay Eligible Project Costs.</p> <p><b>Priority</b> – drawn after the PABs proceeds are fully utilized. The repayment profile is sculpted according to a mortgage-style level amortization profile starting 11 years from Substantial Completion and amortizing over 25 years resulting in a weighted average loan life of 24 years with a final maturity of 35 years from Substantial Completion.</p>

**(b) mezzanine debt finance;**

BTG’s Financing Plan does not include mezzanine debt.

**(c) equity and quasi-equity finance (including subordinated debt or loan stock);**

Equity will be provided in the form of cash contribution in the amount of \$370 million by the Equity Members during the construction period prior to the Service Commencement Date, and will be secured at Financial Close via one or more Equity Letters of Credit (as defined in the PABs Term Sheet). All private sources of funding will be fully contributed before Service Commencement is achieved, ensuring that the interests of the Equity Members’ are fully aligned with TxDOT’s to achieve Substantial Completion on time and on budget. Once the PABs and TIFIA loan proceeds have been utilized, the Equity Members will fund their respective equity investments pro rata in accordance with their respective equity participations as more fully set forth in Section 5.3 below.

ACS, SBC USA, InfraRed, Northleaf, Clal and Star America have collectively provided fully approved and binding commitments to fund their respective shares of the total equity requirement for the Project as described in Section 5.3 below. ACS, SBC USA, InfraRed, Northleaf, Clal and Star America are each internationally recognized project developers and financiers with substantial resources available to commit the entire amount of equity funding needed for the Project at Financial Close.

**(d) any other forms of finance;**

BTG has no other forms of finance included in its Financing Plan.

**(e) identity of the investors;**

The Equity Members have committed to invest their respective portions of the equity investment prior to the Service Commencement Date as described in Section 5.3 below. All committed and non-funded equity amounts will be supported by letters of credit until equity is cash funded. The Equity Members include:

Investor	Description <sup>1</sup>
ACS Servicios y Concesiones acting through ACS Infrastructure Development, Inc.	ACS is the US infrastructure investment and operations and maintenance subsidiary of the ACS Group. ACS Group is a global leader in infrastructure and is recognized as both the #1 International Contractor by Engineering News Record and the Largest Developer of PPP Transportation Project by Public Works Financing
Shikun & Binui Concessions USA, Inc.	SBC USA is a US subsidiary of Shikun & Binui Ltd., the leading infrastructure and real estate group in Israel, with almost 90 years of experience in the construction of large scale complex civil infrastructure projects and operations in about 20 countries globally.
Infrared Capital Partners Limited, acting in its capacity as manager for and on behalf of several limited partnerships constituting InfraRed Infrastructure Fund III	InfraRed is an independent, partner-owned, investment manager focused solely on infrastructure and real estate. With over \$7 billion in equity under management, InfraRed is a dedicated developer of, and investor in, P3 projects globally, and has been active in infrastructure development since 1997.
Northleaf Capital Partners	Northleaf Capital Partners is a global private markets investment firm with more than US\$6.8 billion in infrastructure and private equity commitments under management. Northleaf currently manages an OECD-focused core infrastructure fund, six global private equity funds, a

<sup>1</sup> As of September 21, 2015

	<p>specialist private equity secondary fund and a series of separately managed accounts. Northleaf is committed to building enduring relationships with its investors, investment partners and colleagues based on trust, openness, respect and the highest standards of integrity and professionalism. Northleaf launched its global infrastructure investment program in 2010 and currently manages more than US\$1.15 billion in infrastructure commitments. Since 2012, Northleaf has successfully invested in, amongst other asset, five North American P3 projects including the US 36 Express Lanes Project in Denver, Colorado.</p>
Clal Insurance Enterprises Holdings Ltd. Group	<p>Clal Insurance Enterprises Holdings Ltd. Group holds approx. an 18% share of the insurance market in Israel. Clal's line of business includes Insurance and long-term savings, including non-life insurance, health insurance, pension and provident funds for private and corporate customers. Canaf Clal Financial Management Ltd., the group's investment arm (and the General Partner of Clal Shoreland RH LP and Clal Houston Road RH LP), manages assets worth approx. USD 41 billion, including members' pension funds, provident funds, executive insurance and also Clal's balance sheet assets and insurance reserves (nostro). Clal Insurance Company Ltd. (owning directly and indirectly 100% of Clal Shoreland RH LP and Clal Houston Road RH LP), is the insurance company with the widest activity in the infrastructure field in Israel. In this framework the group is involved in equity and debit investment routes in almost every major infrastructure project in Israel, in the transport, water and energy fields. Examples for equity investments in such projects include Highway 6 (Israel's first and largest toll road – BOT project), a power plant in Ohio and a thermo-solar power plant in Israel.</p>
Star America Fund GP LLC, acting in its capacity as General Partner of Star America Infrastructure Fund, LP and Star America Infrastructure Fund Affiliates, LP	<p>Star America Fund GP LLC, acting in its capacity as General Partner of Star America Infrastructure Fund, LP and Star America Infrastructure Fund Affiliates, LP, is an independent developer, investor and manager of public infrastructure, focusing on greenfield P3 projects in North America. Star America individual team members have financed, underwrote the risk and managed the construction of more than 45 infrastructure projects valued at over \$60 billion over the last 15 years, with a majority of these projects in the transportation sector. Together with ACS and InfraRed, Star America reached financial close on the Portsmouth Bypass project in Ohio on April 9, 2015 and most recently reached financial close on the Michigan Freeway Lighting project on August 24, 2015.</p>

**(f) identity of lead arrangers, lead managers and/or underwriting banks and/or quasi-equity providers that have given indications/commitments;**

BTG has run a funding competition between two nationally recognized Underwriters for the issuance of the Private Activity Bonds: Barclays, PLC (“Barclays”) and Citigroup Global Markets, Inc. (“Citi”). Please refer to section 5.2 (a) for more information regarding these two financial institutions and their credentials.

There are no other lead arrangers, lead managers, underwriting banks or quasi-equity providers that are needed to provide commitments.

**(g) type and purpose of each funding source and facility;**

Funding Source	Type	Purpose
Private Activity Bonds	Senior Debt	To provide efficient and stable source of funds to cover costs during the construction period
TIFIA Loan	Subordinated Debt	To provide funds to cover up to 33% of Eligible Project Costs at the most affordable rate in the capital structure
Equity	Direct equity investment	To be first loss capital and risk buffer accountable for the entire Project



**(h) the proposed steps and timeframes for reaching financial close;**

The table below provides a summary of the proposed steps and timeframes for reaching financial close. The table below is consistent with BTG’s Financing Plan assumption of achieving Financial Close within three months after signing the CDA, however, BTG will try to accelerate execution as much as possible depending upon financial market conditions.

Activity (Not Necessarily Completed in Sequence)
<ul style="list-style-type: none"> <li>• Conditional Award of Preferred Proposer</li> </ul>
<ul style="list-style-type: none"> <li>• Prepare documents required under ITP Section 6.1.2</li> <li>• Delivery of preliminary audit report and clean Model Auditor opinion</li> <li>• Discussions with TxDOT to finalize the CDA</li> <li>• Formation of Blueridge Transportation Group and execution of LLC Operating Agreement</li> <li>• Finalization of Design-Build Contract to conform to final CDA</li> <li>• Finalization of Operating Services Agreement to conform to final CDA</li> <li>• Satisfy Design-Build Readiness Conditions</li> </ul>
<ul style="list-style-type: none"> <li>• Execution of Design-Build Contract and Operating Services Agreement</li> <li>• Execution of the CDA</li> </ul>
<ul style="list-style-type: none"> <li>• Commercial Close</li> </ul>
<ul style="list-style-type: none"> <li>• Prepare and submit TIFIA Loan application</li> <li>• Negotiate TIFIA Loan agreement</li> <li>• Finalize due diligence</li> <li>• Publication of final ratings</li> <li>• Prepare PABs Preliminary Official Statement and develop marketing plan</li> <li>• Advisors’ reports finalized</li> </ul>
<ul style="list-style-type: none"> <li>• Distribute PABs Official Statement / investor roadshow</li> <li>• Publication of Final Ratings</li> <li>• PABs pricing</li> <li>• Sign PABs Bond Purchase Agreement</li> <li>• TIFIA Credit Council final approval</li> <li>• TIFIA rate set</li> <li>• Benchmark Rates / Credit Spread Calculation</li> </ul>
<ul style="list-style-type: none"> <li>• Financial Close</li> </ul>

**(i) Discussion of the tax analysis assumed in the financial model encompassing federal, state, local and foreign taxes**

The Financial Model assumes that the Developer will pay Texas franchise tax at a rate of 1.00% of revenue (applying a 30% standard deduction).

Equity Members will receive taxable income distributions from the Developer, which will be subject to federal income tax. For this purpose, the Financial Model assumes that the Developer will enter into a 52-year Lease with TxDOT. During the term of the Lease, for US federal income tax purposes, the Model treats the Developer as the owner of the portion of the Project for which the Developer is not reimbursed its total D&C Costs (i.e., through the TMC Payment), including all real and tangible personal property constructed by the Developer (the “Project Assets”). The Financial Model does not specifically identify the assets constructed by the Developer that are reimbursed by TxDOT (i.e., the TMC portion of the Project), instead the Financial Model reduces the Developer’s tax basis in all Project Assets at Substantial Completion by the amount of the TMC Payment. The Model assumes that no consideration is paid to TxDOT as rent, including, without limitation, construction of the Project Assets and delivery of the Project Assets to TxDOT upon termination of the Lease.

Consistent with the Developer being treated as the owner of the Project Assets for US federal income tax purposes under Section 263A, the Financial Model capitalizes direct and indirect costs incurred in connection with construction of the Project Assets.

The Model assumes that at the end of the Lease there is positive adjusted tax basis with respect to the Project Assets. The Financial Model deducts the remaining adjusted tax basis in the Project Assets at the end of the Lease (i.e., the original cost basis of the Project and Project Assets (including any capitalized costs) less any accumulated depreciation and amortization).

All depreciation and amortization assumptions and other tax related assumptions are described in further detail in the Financial Model Assumption Book. A federal income tax rate of 35% is assumed throughout the term of the Project. Federal income taxes are taken into account in the calculation of Post-Tax Equity IRR, in accordance with the definition in the CDA.

## 5.2 Details for Lenders and Lender Support Letters

**(a) Identity of lead arrangers, lead managers and/or underwriting banks and/or quasi-equity providers that have given indications/commitments or an indicative letter of support from all lead arrangers, lead managers and/or underwriting banks and/or debt providers indicating their view that, subject to due diligence, credit approval, final credit documents and then current market conditions, the debt funding described in the Financing Plan and reflected in the Financial Model is reasonable for the purpose of fulfilling Proposer's commitments, while also acknowledging that the terms of the CDA would not have to be altered. An indicative letter of support is not required from the TIFIA Joint Program Office;**

### Private Activity Bonds:

The strategy adopted with regard to financing the Project has focused on maximizing competition across all levels of debt structuring and procurement. For this reason, BTG has engaged in extensive discussions with a number of active underwriters of debt financings for toll road projects in the US market. BTG has run a funding competition between two nationally recognized underwriters, Barclays and Citigroup.

### Citi

Citi's Municipal Securities Division is housed within Citi's Institutional Client Group and includes the Public Finance, Municipal Syndicate, and Sales and Trading Departments. Citi has one of the largest commitments of people and capital to tax-exempt financing. This commitment is evidenced by the fact that Citi has been the #1 underwriter of municipal bonds (including tax-exempt, AMT and taxable bonds) over the past ten years. Since January 1, 2003, Citi has been lead manager on 6,258 transactions, totaling over \$553 billion at par.

While there are no formal rankings for PABs, AMT bond rankings are a good proxy since most PABs are subject to AMT. Since 2009, Citi has served as senior managing underwriter for 60 transactions subject to the AMT totaling \$5.2 billion at par; this represents a market share of 14.6%.

Credentials for Citi include:

- 2014 – I-69 Development Partners LLC (\$244 million)
- 2014 – United Air Lines Project, Houston and New Jersey (\$486 million)
- 2013 – American Airlines Project, Tulsa (\$216 million)
- 2012 – Continental Airlines Project, New Jersey (\$461 million)
- 2010 – JFK International Air Terminal LLC Project (\$796 million)

### Barclays

Barclays is a leader in transportation infrastructure finance across the U.S. for both tax-exempt and taxable capital markets, focusing on large and complex credits where their specialist expertise and volume execution capabilities can add the most value.

Barclays' dedicated Infrastructure Project Finance banking team specializes in public-private partnership (P3) structures and is supported by the global resources of Barclays' investment banking platform. It is also a leader in greenfield project financings in the transportation infrastructure sector across all debt capital markets products, including tax-exempt Private Activity Bonds.

Credentials for Barclays include:

- 2013 – The Goethals Bridge Replacement Project (\$550 million)
- 2013 – North Tarrant Expressway (3A-3B) Express Lanes (\$1.3 billion)
- 2012 – Midtown Tunnel / Elizabeth River Crossings (\$2.1 billion)
- 2010 – Denver Transit Partners Eagle P3 Project (\$1.6 billion)
- 2010 – JFK Terminal 4 Expansion Project (\$ 796 million)

**TIFIA Loan:**

The TIFIA loan facility, provided by the USDOT, acting by and through the Federal Highway Administration, will be drawn to a loan amount of \$348 million.

**(b) (c) Type, purpose and amount of each facility;**

All amounts herein are committed and will be provided in United States dollars (\$US).

Funding Source	Type	Provider	Amount	Purpose
Private Activity Bonds	Senior Debt	Barclays, Citi	US\$319M	To provide efficient and stable source of funds to cover costs during the construction period
TIFIA Loan	Subordinated Debt	USDOT	US\$348M	To provide funds to cover up to 33% of Eligible Project Costs at the most affordable rate in the capital structure
Equity	Direct equity investment	ACS, SBC USA, InfraRed, Northleaf, Clal, Star America	US\$370M	To be first loss capital and risk buffer accountable for the entire Project

**(d) To the extent available, terms and conditions attaching to the loan such as conditions precedent to drawdown, principal covenants (including details of cover ratios), refund policy of any commitment fees in the event the CDA is terminated prior to financial close and any and default provisions;**

The tables below summarize the key terms of the PABs Term Sheet and the Indicative Term Sheet for TIFIA Loan Agreement.

Summary Terms and Conditions Private Activity Bonds	
Terms	Description
Underwriters	Citi, Barclays
Rating	One investment grade public rating required from a nationally recognized credit rating agency
Optional Redemption	After the 10 <sup>th</sup> anniversary of Financial Close, the PABs will be redeemable in whole or in part at the Borrower's option at par plus accrued interest without penalty or make-whole premium

Security and Priority	First priority security interest in Project Revenues and liens and security interests in other project assets.
Restricted Payment Conditions	<ul style="list-style-type: none"> <li>All reserves fully funded;</li> <li>Total DSCR is no less than 1.25x (backward-looking and forward-looking 12 months);</li> <li>No Default or Event of Default has occurred and is continuing under the Financing Documents;</li> <li>The Last Service Commencement Date for the Initial Configuration has been achieved; and</li> <li>TIFIA Restricted Payment Conditions have been satisfied in accordance with the TIFIA Loan Agreement</li> </ul>
Reserve Requirements	Required reserves include major maintenance reserve account, senior debt service reserve account, TIFIA debt service reserve account, handback requirements reserve account and ramp-up fund.

Summary Terms and Conditions TIFIA Loan	
Terms	Description
Provider	USDOT
Initial Principal Amount	<ul style="list-style-type: none"> <li>The lesser of (i) 33 percent of reasonably anticipated Eligible Project Costs, as defined in the Act or, (ii) if the TIFIA Loan does not receive an Investment Grade Rating, the amount of the Initial Senior Obligations.</li> <li>The total amount of Initial Senior Obligations and the and initial amount of the TIFIA loan shall be sized to a [1.0x] Total Senior plus TIFIA Mandatory Debt Service Coverage under [the lower of a Lender's Low case or Downside Rating case] (releases from the RURA can be included for purposes of the calculation of this ratio) assuming that, at a minimum, no more than [70]% of the unpaid TIFIA loan balance remains outstanding ten (10) years prior to the final maturity date; and the remaining TIFIA debt service will be fully repaid as mandatory mortgage style level debt service over the final ten (10) years to final maturity date.</li> </ul>
Rating	<ul style="list-style-type: none"> <li>Condition to Financial Close: two public ratings required from two nationally recognized credit rating agencies; and</li> <li>Following Financial Close: one public rating required from a nationally recognized credit rating agency.</li> </ul>
Drawdown schedule	<ul style="list-style-type: none"> <li>Disbursements shall be made monthly to the Borrower to reimburse or pay for Eligible Project Costs incurred in connection with the Project</li> <li>Disbursements of the TIFIA Loan will be made after the full use of the PABs.</li> </ul>
Repayment	<ul style="list-style-type: none"> <li>Principal payment according to a mandatory/scheduled debt service schedule that will be based on the lower of the lender's low case or the downside rating case, as follows: <ul style="list-style-type: none"> <li>Up to five years from Substantial Completion: 0% mandatory and 0% scheduled;</li> <li>From year 6 through year 10: no principal, mandatory and scheduled interest payments to be determined</li> <li>From year 11 through year 25: level mortgage style amortization, mandatory and scheduled interest and principal to be determined</li> <li>From year 26 through year 35: level mortgage style amortization, 100% of interest and principal payments are mandatory</li> </ul> </li> <li>No more than 70% of unpaid TIFIA loan balance shall remain outstanding 10 years prior to the final maturity in the downside case (and 50% in the base case)</li> </ul>
Prepayment	<ul style="list-style-type: none"> <li>Subject to prepayment in an amount equal to the lesser of (i) [25%] of the amounts remaining in the Project Proceeds Account and (ii) [25%] of the amount of interest capitalized during the Capitalized Interest Period</li> <li>Subject to mandatory annual prepayments on or starting from the Debt Service Payment Commencement Date in an amount equal to [50%] of the Project Revenue to be deposited in the Distribution Account generated in excess of the Base Case Financial Model</li> </ul>
Cover Ratios	<ul style="list-style-type: none"> <li>Minimum Total Debt Service Coverage Ratio of at least 1.0x calculated using the following percentages of Base Case Project Revenues: 40% (year 1), 60% (year 2), 80% (year 3), and 90% (year 4);</li> <li>Base Case model to show a minimum Total Debt Service Coverage Ratio of [1.40]x</li> <li>Base Case model to show a minimum Loan Life Coverage Ratio of [1.35]x,</li> </ul>
Security and Priority	<ul style="list-style-type: none"> <li>Subordinate security interest in Project Revenues and liens and security interests in other project assets.</li> <li>On parity in all respects with the Senior Obligations upon a Bankruptcy Related Event, in respect of the</li> </ul>

Summary Terms and Conditions TIFIA Loan	
Terms	Description
	Borrower.
Restricted Payment Conditions	<p>There shall be no distributions until the following conditions have been met:</p> <ul style="list-style-type: none"> <li>the Debt Service Payment Commencement Date has occurred;</li> <li>Senior Debt Service and TIFIA Debt Service is being paid on a current basis (including all current and prior scheduled payments of TIFIA Debt Service) (for the avoidance of doubt, distributions shall not be permitted during any Capitalized Interest Period or during any period when cumulative principal payments made are less than cumulative principal payments scheduled for the same time period);</li> <li>[1.35x] minimum Total Debt Service Coverage Ratio looking backward and forward for 12 months;</li> <li>[1.45x] minimum Senior Debt Service Coverage Ratio looking backward and forward for 12 months;</li> <li>[1.35x] minimum TIFIA Loan Life Coverage Ratio as of each Calculation Date;</li> <li>No Event of Default or potential Event of Default under the TIFIA Loan Agreement or Senior Loan Documents or any other indebtedness;</li> <li>No default under the Material Project Documents;</li> <li>No payment default and all mandatory TIFIA Debt Service payments have been made during the 12 month period ending on the distribution date;</li> <li>Reserves are funded to their required levels;</li> <li>Borrower would not be insolvent after the distribution; and</li> <li>For payments from the Distribution Lock-Up Account, the satisfaction of other conditions, including the satisfaction of the Restricted Payment Conditions for [two (2)] consecutive Calculation Dates.</li> </ul>
Reserve Requirements	Required reserves include major maintenance reserve account, operations and maintenance account, senior debt service reserve account, TIFIA debt service reserve account, handback requirements reserve account and ramp-up reserve account.

**(e) Drawdown schedule, capitalized interest period, repayment schedule and final maturity date, events of default, security required (including any guarantees), any reserve accounts;**

PABs and TIFIA will be drawn first, in order, to reduce the negative carry and delay the capitalizing of TIFIA interest. The equity commitment will be contributed once debt sources are exhausted and will be fully backed by letters of credit at financial close.

The table below provides a summary of the events of default, security requirements and reserve accounts for the PABs and TIFIA facilities.

	PABs	TIFIA
<b>Events of Default</b>	<p>Usual and customary for a PABs issuance including:</p> <ul style="list-style-type: none"> <li>Failure to pay principal or interest amounts within the applicable grace period.</li> <li>A developer default is occurring and continues beyond any applicable grace period</li> <li>Change of Control</li> </ul>	<p>Usual and customary for a TIFIA Loan including**:</p> <ul style="list-style-type: none"> <li>Failure to pay any required principal or interest amount</li> <li>A Bankruptcy Related Event</li> <li>Project is abandoned</li> <li>Change of control</li> </ul>
<b>Security Required</b>	Secured by the project collateral provided that the TIFIA obligations are secured on a subordinated basis	Subordinate security interest in the project revenues and liens and security interests in other project assets.
<b>Reserve Accounts</b>	<ul style="list-style-type: none"> <li>Ramp-Up Fund</li> <li>Major Maintenance Reserve Account</li> <li>Senior Debt Service Reserve Account</li> </ul>	<ul style="list-style-type: none"> <li>Ramp-Up Reserve Account</li> <li>Major Maintenance Reserve Account</li> <li>Senior Debt Service Reserve Account</li> </ul>

<ul style="list-style-type: none"> <li>• TIFIA Debt Service Reserve Account</li> <li>• Handback Requirements Reserve Account</li> </ul>	<ul style="list-style-type: none"> <li>• TIFIA Debt Service Reserve Account</li> <li>• O&amp;M Reserve Account</li> </ul>
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\*\* The members of BTG have experience negotiating TIFIA loan facilities similar to the one contemplated in the Financing Plan and have a proven track record of successfully negotiating mutually acceptable terms with TIFIA. BTG fully expects to employ TIFIA loan facilities in its ultimate financing of the Project, subject to reaching satisfactory agreement with TIFIA regarding deletion of the event of default that is currently contemplated in the TIFIA Loan term sheet regarding failure to fund reserve accounts, which is not customary in TIFIA loan agreements nor is it in line with the principles of non-recourse financing.

**(f) Interest rates (whether fixed or floating) specifying base rate and margins and the reference interest rates that are relevant to the Proposal;**

Funding Source	Reference Base Rate	Margin	All In Fixed Interest Rate
Private Activity Bonds	AAA MMD Scale 2.48% to 2.54% based on maturity	1.50% to 1.60% based on maturity, and consistent with minimum credit spreads provided by TxDOT to all Proposers on January 23, 2015	3.98% to 4.14% based on maturity
TIFIA Loan	State and Local Government Series 2.42%	0.01%	2.43%

**(g) Any proposed hedging arrangements in relation to interest rate risks or loan/funding amounts denominated in currencies other than United States dollars;**

The Financing Plan does not include any hedging arrangements. All funding sources are denominated in United States dollars.

**(i) All commitment, arrangement and other fees, if any, necessary for Proposer to provide the deliverables required prior to financial close (excluding financing efforts and deliverables), as set forth in the CDA. The amount of these commitment fees, if any, shall be inserted into CDA Exhibit 7;**

No commitment, arrangement or other fees are necessary to provide the deliverables required prior to financial close.

**(j) Arrangement and other fees;**

As detailed in the Lead Underwriter’s commitment letter, underwriting fees for the issuance of the PABs are 50 bps.

**(k) Identity of monoline insurers, if any, as well as terms and provisions, if proposed for specific debt instruments;**

BTG has not included the use of a monoline insurer with its bid. However, BTG will assess the potential benefits of using monoline insurance during the Preferred Proposer phase.

### 5.3 Details of Equity Source and Equity Member Members Letters

**(a) Identity of the investors. In cases where the equity is contributed by a fund please identify fund managers and general characteristics of the fund investors and the percentage of participation;**

The Equity Members have committed to invest the total amount of equity required for the Project as identified in the Base Case Financial Model and evidenced by the equity commitment letters provided to TxDOT. The Equity Members of BTG are:

Investor	Description <sup>2</sup>
ACS Servicios y Concesiones acting through ACS Infrastructure Development, Inc.	Grupo ACS is a Spanish company and one of the leading construction companies in the world, dedicated to civil and engineering construction. ACS is the US subsidiary of ACS SyC, a member of the ACS Group, one of the world's largest transportation infrastructure developers.
Shikun & Binui Concessions USA, Inc.	SBC USA is a US subsidiary of Shikun & Binui Ltd., the leading infrastructure and real estate group in Israel, with almost 90 years of experience in the construction of large scale complex civil infrastructure projects and operations in about 20 countries globally.
Infrared Capital Partners Limited, acting in its capacity as manager for and on behalf of several limited partnerships constituting InfraRed Infrastructure Fund III	<p>InfraRed Infrastructure Fund III (IRIF III) was established in 2011 with a total equity commitment of approximately \$1.2 billion; the fund currently has \$688 of equity capital available for new investment. Investors in IRIF III fall into the following general categories (approximate participation included in parentheses): asset managers &amp; banks (c.30%); family offices &amp; high-net-worth individuals (c.30%); pension funds (c.20%); insurance groups (c.15%); and sovereign wealth funds (c.5%).</p> <p>InfraRed Capital Partners Limited, an independent, partner-owned investment manager is the fund manager of IRIF III. InfraRed Capital Partners Limited presently has over 100 employees globally, with its headquarters in London, and offices in New York, Paris, Hong Kong and Sydney.</p>
Northleaf Capital Partners	Northleaf Capital Partners is a global private markets investment firm with more than US\$6.8 billion in infrastructure and private equity commitments under management. Northleaf currently manages an OECD-focused core infrastructure fund, six global private equity funds, a specialist private equity secondary fund and a series of separately managed accounts. Northleaf is committed to building enduring relationships with its investors, investment partners and colleagues based on trust, openness, respect and the highest standards of integrity and professionalism. Northleaf launched its global infrastructure investment program in 2010 and currently manages more than US\$1.15 billion in infrastructure commitments. Since 2012, Northleaf has successfully invested in, amongst other asset, five North American P3 projects including the US 36 Express Lanes Project in Denver, Colorado.
Clal Insurance Enterprises Holdings Ltd. Group	Clal Insurance Enterprises Holdings Ltd. Group holds approx. an 18% share of the insurance market in Israel. Clal's line of business includes Insurance and long-term savings, including non-life insurance, health insurance, pension and provident funds for private and corporate customers. Canaf Clal Financial Management Ltd., the group's investment arm (and the General Partner of Clal Shoreland RH LP and Clal Houston Road RH LP), manages assets worth approx. USD 41 billion, including members' pension funds, provident funds, executive insurance and also Clal's balance sheet assets and insurance reserves (nostro). Clal Insurance Company Ltd. (owning directly and indirectly 100% of Clal Shoreland RH LP and Clal Houston Road RH LP), is the insurance company with the widest activity in the infrastructure field in Israel. In this framework the group is involved in

<sup>2</sup> As of September 21, 2015

	equity and debt investment routes in almost every major infrastructure project in Israel, in the transport, water and energy fields. Examples for equity investments in such projects include Highway 6 (Israel's first and largest toll road – BOT project), a power plant in Ohio and a thermo-solar power plant in Israel.
Star America Fund GP LLC, acting in its capacity as General Partner of Star America Infrastructure Fund, LP and Star America Infrastructure Fund Affiliates, LP	Star America Fund GP LLC, acting in its capacity as General Partner of Star America Infrastructure Fund, LP and Star America Infrastructure Fund Affiliates, LP, is an independent developer, investor and manager of public infrastructure, focusing on greenfield P3 projects in North America. Star America individual team members have financed, underwrote the risk and managed the construction of more than 45 infrastructure projects valued at over \$60 billion over the last 15 years, with a majority of these projects in the transportation sector. Together with ACS and InfraRed, Star America reached financial close on the Portsmouth Bypass project in Ohio on April 9, 2015 and most recently reached financial close on the Michigan Freeway Lighting project on August 24, 2015.

**(b) The amount of funds the equity provider is to commit (e.g., shareholder capital, shareholder loans) and the timing of such subscription;**

The Equity Members commit to contribute to the Project a total amount of \$370 million of equity capital to fund a portion of the total project costs, as evidenced by the Equity Members' commitment letters. The equity commitments have been approved by the board of directors of ACS and SBC USA and by the relevant investment committees of InfraRed, Northleaf, Clal and Star America, as more fully elaborated in Section 5(c).

The equity will be contributed to the Project by the Equity Member as follows:

Equity Member	Equity Amount*	Initial Percentage Interests
ACS	\$80.0 million	800/3700
SBC USA	\$80.0 million	800/3700
InfraRed	\$80.0 million	800/3700
Northleaf	\$66.7 million	667/3700
Clal	\$44.8 million	448/3700
Star America	\$18.5 million	185/3700

\*Rounded amounts, based on \$370 M total equity contribution. Dollar amounts to be adjusted according to percentages of final equity value at Financial Close, subject to Article 33 of the Agreement.

The equity will be contributed to the Developer as shareholder capital. In order to provide the best value to TxDOT, the equity will be injected to the Project towards the end of construction, after the lower-cost funding sources (i.e. TIFIA and PABs) have been fully utilized. The equity commitments will be secured by letters of credit from acceptable bank issuers which will be posted at Financial Close and until the funds are actually injected into the Project towards end of construction.



**(c) The terms and conditions of the subscription, including dividend rights attaching to shares, the extent to which funds are committed and the length of time funds will remain in the project vehicle.**

The Equity Members will hold membership interests / units of the Developer (through one or more intermediate holding companies), and upon contribution of their total equity commitments, they will be entitled to a proportionate share of all dividends and other distributions from the Developer.

The Equity Members have obtained all necessary approvals to fully commit the equity to the Project, including all required internal board of directors' and investment committee's approvals, prior to the submission of the Financial Proposal, as evidenced by the Commitment Letters provided to TxDOT and as described in this Section 5.3.

Upon achievement of Financial Close, such equity commitments will be available to the Developer.

The Equity Members will contribute the equity to the Project, as described in this Section 5.3, acknowledging that our Base Case Financial Model shows a financially robust structure that is achieved through an extended period without distributions.

**EXHIBIT 5**  
**LIST OF INITIAL FUNDING AGREEMENTS**  
**AND INITIAL SECURITY DOCUMENTS**

[TO BE COMPLETED AT FINANCIAL CLOSE]

**EXHIBIT 6  
REVENUE PAYMENT CALCULATION**

Band	Band 1		Band 2		Band 3		Band 4		Band 5
Revenue Payment (%)	0.00%		12.50%		25.00%		50.00%		75.00%
Calculation Date	Floor	Ceiling	Floor	Ceiling	Floor	Ceiling	Floor	Ceiling	Floor
1	-	30,736,503	30,736,504	39,086,019	39,086,020	48,703,271	48,703,272	55,676,008	55,676,009
2	-	71,540,646	71,540,647	90,974,534	90,974,535	113,359,137	113,359,138	129,588,507	129,588,508
3	-	121,846,334	121,846,335	154,945,672	154,945,673	193,070,598	193,070,599	220,712,077	220,712,078
4	-	177,856,101	177,856,102	226,170,391	226,170,392	281,820,408	281,820,409	322,167,997	322,167,998
5	-	239,975,824	239,975,825	305,164,825	305,164,826	380,251,700	380,251,701	434,691,474	434,691,475
6	-	308,873,156	308,873,157	392,777,994	392,777,995	489,422,396	489,422,397	559,491,891	559,491,892
7	-	385,288,164	385,288,165	489,951,002	489,951,003	610,505,163	610,505,164	697,909,803	697,909,804
8	-	469,060,874	469,060,875	596,480,418	596,480,419	743,246,516	743,246,517	849,655,434	849,655,435
9	-	560,898,983	560,898,984	713,266,185	713,266,186	888,767,830	888,767,831	1,016,010,704	1,016,010,705
10	-	661,580,428	661,580,429	841,297,564	841,297,565	1,048,301,778	1,048,301,779	1,198,384,766	1,198,384,767
11	-	771,956,415	771,956,416	981,656,989	981,656,990	1,223,197,132	1,223,197,133	1,398,319,491	1,398,319,492
12	-	892,960,465	892,960,466	1,135,531,572	1,135,531,573	1,414,933,095	1,414,933,096	1,617,505,858	1,617,505,859
13	-	1,025,615,142	1,025,615,143	1,304,221,653	1,304,221,654	1,625,129,962	1,625,129,963	1,857,796,134	1,857,796,135
14	-	1,171,043,875	1,171,043,876	1,489,155,841	1,489,155,842	1,855,567,855	1,855,567,856	2,121,225,297	2,121,225,298
15	-	1,330,475,795	1,330,475,796	1,691,897,155	1,691,897,156	2,108,194,381	2,108,194,382	2,410,019,790	2,410,019,791
16	-	1,505,258,848	1,505,258,849	1,914,159,712	1,914,159,713	2,385,145,418	2,385,145,419	2,726,621,279	2,726,621,280
17	-	1,696,872,300	1,696,872,301	2,157,824,614	2,157,824,615	2,688,764,923	2,688,764,924	3,073,709,300	3,073,709,301
18	-	1,906,935,060	1,906,935,061	2,424,950,544	2,424,950,545	3,021,618,125	3,021,618,126	3,454,216,340	3,454,216,341
19	-	2,137,224,857	2,137,224,858	2,717,798,152	2,717,798,153	3,386,521,914	3,386,521,915	3,871,362,576	3,871,362,577
20	-	2,388,550,906	2,388,550,907	3,037,396,471	3,037,396,472	3,784,758,519	3,784,758,520	4,326,613,813	4,326,613,814
21	-	2,661,675,910	2,661,675,911	3,384,715,391	3,384,715,392	4,217,536,477	4,217,536,478	4,821,351,610	4,821,351,611
22	-	2,957,315,871	2,957,315,872	3,760,665,418	3,760,665,419	4,685,990,325	4,685,990,326	5,356,872,934	5,356,872,935
23	-	3,276,140,181	3,276,140,182	4,166,097,778	4,166,097,779	5,191,180,739	5,191,180,740	5,934,390,313	5,934,390,314
24	-	3,618,773,956	3,618,773,957	4,601,807,403	4,601,807,404	5,734,098,244	5,734,098,245	6,555,036,086	6,555,036,087
25	-	3,985,796,961	3,985,796,962	5,068,531,548	5,068,531,549	6,315,661,501	6,315,661,502	7,219,860,436	7,219,860,437
26	-	4,377,748,777	4,377,748,778	5,566,956,371	5,566,956,372	6,936,725,499	6,936,725,500	7,929,840,758	7,929,840,759
27	-	4,795,130,668	4,795,130,669	6,097,719,303	6,097,719,304	7,598,084,511	7,598,084,512	8,685,885,040	8,685,885,041
28	-	5,237,301,942	5,237,301,943	6,660,005,610	6,660,005,611	8,298,723,334	8,298,723,335	9,486,832,735	9,486,832,736
29	-	5,705,736,591	5,705,736,592	7,255,689,690	7,255,689,691	9,040,977,570	9,040,977,571	10,335,353,826	10,335,353,827
30	-	6,201,992,994	6,201,992,995	7,886,753,254	7,886,753,255	9,827,316,536	9,827,316,537	11,234,271,159	11,234,271,160
31	-	6,727,724,882	6,727,724,883	8,555,299,265	8,555,299,266	10,660,360,636	10,660,360,637	12,186,580,294	12,186,580,295
32	-	7,284,681,616	7,284,681,617	9,263,552,295	9,263,552,296	11,542,881,808	11,542,881,809	13,195,450,020	13,195,450,021
33	-	7,874,720,051	7,874,720,052	10,013,873,613	10,013,873,614	12,477,822,315	12,477,822,316	14,264,243,839	14,264,243,840
34	-	8,499,802,823	8,499,802,824	10,808,758,997	10,808,758,998	13,468,292,034	13,468,292,035	15,396,516,862	15,396,516,863
35	-	9,162,010,968	9,162,010,969	11,650,854,795	11,650,854,796	14,517,588,455	14,517,588,456	16,596,038,672	16,596,038,673
36	-	9,863,552,525	9,863,552,526	12,542,968,857	12,542,968,858	15,629,210,309	15,629,210,310	17,866,808,907	17,866,808,908
37	-	10,606,761,299	10,606,761,300	13,488,068,960	13,488,068,961	16,806,855,604	16,806,855,605	19,213,055,009	19,213,055,010

38	-	11,394,110,967	11,394,110,968	14,489,300,751	14,489,300,752	18,054,443,988	18,054,443,989	20,639,257,791	20,639,257,792
39	-	12,228,224,923	12,228,224,924	15,550,000,265	15,550,000,266	19,376,132,335	19,376,132,336	22,150,169,262	22,150,169,263
40	-	13,111,881,177	13,111,881,178	16,673,700,154	16,673,700,155	20,776,322,520	20,776,322,521	23,750,821,501	23,750,821,502
41	-	14,048,020,123	14,048,020,124	17,864,139,564	17,864,139,565	22,259,673,720	22,259,673,721	25,446,540,728	25,446,540,729
42	-	15,039,761,358	15,039,761,359	19,125,285,525	19,125,285,526	23,831,129,065	23,831,129,066	27,242,977,771	27,242,977,772
43	-	16,090,406,981	16,090,406,982	20,461,337,144	20,461,337,145	25,495,920,868	25,495,920,869	29,146,114,042	29,146,114,043
44	-	17,203,453,744	17,203,453,745	21,876,741,062	21,876,741,063	27,259,589,881	27,259,589,882	31,162,283,548	31,162,283,549
45	-	18,382,609,046	18,382,609,047	23,376,211,785	23,376,211,786	29,128,010,630	29,128,010,631	33,298,201,859	33,298,201,860
46	-	19,631,801,696	19,631,801,697	24,964,745,375	24,964,745,376	31,107,408,479	31,107,408,480	35,560,985,608	35,560,985,609
47	-	20,955,189,909	20,955,189,910	26,647,629,619	26,647,629,620	33,204,372,290	33,204,372,291	37,958,166,973	37,958,166,974
48	-	22,357,179,382	22,357,179,383	28,430,467,014	28,430,467,015	35,425,883,075	35,425,883,076	40,497,726,420	40,497,726,421
49	-	23,317,510,217	23,317,510,218	29,651,669,997	29,651,669,998	36,947,567,332	36,947,567,333	42,237,266,761	42,237,266,762
50	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-

**EXHIBIT 7**  
**DEVELOPER’S PROPOSAL SCHEMATICS, PROPOSAL COMMITMENTS,**  
**ALTERNATIVE TECHNICAL CONCEPTS AND KEY PERSONNEL**

**Proposal Schematics**

The Proposal Schematic is attached hereto as Attachment 1 to Exhibit 7.

**Preliminary Project Baseline Schedule**

The Preliminary Project Baseline Schedule is attached hereto as Attachment 2 to Exhibit 7.

**Proposal Commitments**

No.	Proposal Location	Proposal Commitment
1	Project Development Plan Binder, Section 4.1.1.a, Par 4, Page 3	Developer shall appoint a “Technical Manager” to liaise with the Construction Manager and oversee the day-to-day activities of the Design-Build Contractor throughout the design-build phase (including the operations and maintenance activities during construction) to ensure compliance with the Design-Build Contract and the CDA Documents.
2	Project Development Plan Binder, Section 4.1.1.b, Par 1, Page 3; Proposer Information, Certifications and Documents - Volume 2 of 2, Appendix A – Key Personnel Resumes and References	In addition to the Key Personnel, Developer shall cause Design-Build Contractor to maintain additional “value added positions” (not considered Key Personnel) to bolster the team at specific levels to supplement Developer’s delivery of the Project, including the following: (i) General Superintendent: Robert Patcheck; (ii) Design-Build Coordinator: Jose Ballesta; (iii) Design-Build Environmental Compliance Manager: Douglas Hagemeier; (iv) Design-Build Quality Manager: Amir Bendory; and (v) Design-Build Safety Manager: Daryl Daniels. If any of the individuals listed above are not available to fulfill the value added position identified above, Developer shall cause Design-Build Contractor to fill such position with an individual of equal or better qualifications or as otherwise approved by TxDOT.
3	Project Development Plan Binder, Section 4.1.2.a, Par 3, Page 7	Developer shall cause the Design-Build Contractor’s Project Scheduler to conduct interactive schedule planning workshops with design and construction leads, major subcontractors, TxDOT representatives, third-party utilities and other major stakeholders.
4	Project Development Plan Binder, Section 4.1.2.a, Par 5, Page 8	Developer shall use weekly look-ahead schedules that provide details for planning and coordinating self-performed and third-party activities. Such schedules shall be reviewed at the weekly progress meetings.
5	Project Development Plan Binder, Section 4.1.2.a, Par 5, Page 8	Developer shall provide an updated Project Baseline Schedule and narrative to TxDOT each month, per Technical Provisions, Section 2.1.1.3.1. After each submittal, Developer shall hold schedule meetings with TxDOT to review the schedule.

No.	Proposal Location	Proposal Commitment
6	Project Development Plan Binder, Section 4.1.2.c, Par 1, Pages 8-9	Developer shall fully integrate design, construction, and maintenance subcontractors into the Project controls function. Developer shall make no distinction between self-performed and subcontracted activities. All activities shall be entered into the schedule regardless of who is responsible for their completion.
7	Project Development Plan Binder, Section 4.1.2.d, Par 2, Page 10	During the course of Work, Developer shall include subcontractors and subconsultants in its weekly meetings to review the schedule, work zones, access considerations, requests for information and Project changes. To enhance two-way, interactive dialogue, subcontractors shall be invited to offer suggestions and input at the meetings.
8	Project Development Plan Binder, Section 4.1.2.h, Par 1, Page 12	TxDOT may participate in Developer's monthly risk management workshops.
9	Project Development Plan Binder, Section 4.1.2.h, Par 3, Page 12	Developer shall update and maintain a comprehensive "Risk Register" containing elements such as risk description, risk owner, pre-mitigation likelihood of consequences, date by which the risk will be mitigated and risk status. Developer shall issue a monthly risk report that includes the minutes of the risk mitigation meetings.
10	Project Development Plan Binder, Section 4.1.3.b(a), Par 1, Page 14	Developer's Environmental Management System shall establish a schedule for periodic Comprehensive Environmental Protection Program review that will be tracked to ensure performance.
11	Project Development Plan Binder, Section 4.1.4.a, Par 3, Page 18	All of Developer's subcontractors shall attend Project-specific safety orientation prior to starting work. All subcontractors with on-site personnel must comply with Developer's safety and health program. Prior to starting work, subcontractors shall meet with a safety representative from Developer's team for a safety briefing. Subcontractors shall also participate in weekly and general Project safety meetings, accident reporting and near miss reporting.
12	Project Development Plan Binder, Section 4.1.4.c, Par 1, Page 19	Developer shall train all employees and subcontractors on Developer's safety procedures as part of an initial safety orientation. This training shall include providing all personal protective equipment to each employee and requiring them to wear it at all times while performing work.
13	Project Development Plan Binder, Section 4.1.4.d, Par 2, Page 19	During the development of Developer's final traffic control plans, Developer's safety and traffic control staff shall meet with TxDOT and emergency response personnel to coordinate traffic control, security, operational issues and access to and through the Site by TxDOT and emergency response personnel.
14	Project Development Plan Binder, Section 4.1.4.e, Par 3, Page 20	Developer shall cause Design-Build Contractor to require its crews to inspect the traffic control devices in their work areas at the beginning and end of each shift.

No.	Proposal Location	Proposal Commitment
15	Project Development Plan Binder, Section 4.1.4.e, Par 3, Page 20	Developer shall cause Design-Build Contractor to have at least one employee who has been trained on the Texas Manual on Uniform Traffic Control Devices in each area of the Project.
16	Project Development Plan Binder, Section 4.1.4.e, Par 5, Page 20	Developer shall establish a complete heat illness prevention program.
17	Project Development Plan Binder, Section 4.1.4.f, Par 1, Page 21	Developer shall implement a safety incentive program to reward employees for safety performance and employees who actively implement the policies and procedures to achieve Developer’s safety goals.
18	Project Development Plan Binder, Section 4.1.4.f, Par 2, Page 21	Developer shall work with TxDOT and other involved agencies to agree on a Project safety partnering charter to be signed by all parties, committing to achieve common goals. Developer shall hold a project safety slogan contest that will be open to all Project employees, including TxDOT’s personnel.
19	Project Development Plan Binder, Section 4.1.4.f, Par 4, Page 21	Developer shall utilize a peer review board for the Project that includes employees from craft labor up to the area superintendent level that will change at least twice per year to maximize participation of Developer’s employees. Developer shall review aspects of the Project and report findings to the safety team, including both safety positives and negatives, for immediate action or resolution.
20	Project Development Plan Binder, Section 4.1.5.d, Par 2, Page 23 and Section 4.2.3, Par 2, Page 59	Developer shall cause Design-Build Contractor to have a dedicated Design Quality Assurance Manager and Construction Quality Assurance Manager.
21	Project Development Plan Binder, Section 4.1.5.d, Par 2, Page 23 and Section 4.2.3, Par 2, Page 59	Lead Quality Managers at the equity and design-build levels, quality assurance managers, and quality control managers shall have the authority to stop Work for quality-related issues.
22	Project Development Plan Binder, Section 4.1.6.b, Par 7, Page 27	Developer shall hold a “Meet the Contractor” event two to three weeks prior to the start of construction to introduce the team to stakeholders and inform stakeholders of the construction schedule, likely impacts of construction, location of staging areas, and other issues.

No.	Proposal Location	Proposal Commitment
23	Project Development Plan Binder, Section 4.1.7.b.i, Par 1, Page 29	Developer shall offer mentoring to DBE firms requiring assistance to obtain bonds and insurance.
24	Project Development Plan Binder, Section 4.2.1.a, Par 3, Pages 32-33	Developer shall be ready to finalize the Design Project Management Plan (DPMP) with TxDOT upon issuance of NTP1. Major components of the DPMP include: (i) Design Criteria and Standards; (ii) Design Schedule and Staffing Plan; (iii) Coordination and Design Meetings; (iv) Integration and Coordination of Designs; (v) Design Quality Management Plan; and (vi) Document Control.
25	Project Development Plan Binder, Section 4.2.1.c, Par 2, Pages 35-36	Design discipline leads shall remain active during construction to provide Developer's construction team with prompt answers and approvals of design changes necessitated by field conditions.
26	Project Development Plan Binder, Section 4.2.1.c, Par 6, Page 36	An assigned project-wide Traffic Control Supervisor shall oversee all traffic control work along the alignment and coordinate resources between each of the geographical work areas.
27	Project Development Plan Binder, Section 4.2.2, Par 1, Pages 37-38	Developer shall implement ATC 5A in accordance with the ATC Final Determination Letter issued by TxDOT, dated September 30, 2014.
28	Project Development Plan Binder, Section 4.2.2.1.a, Par 1, Page 39	Developer shall use 12-inch continuously reinforced concrete pavement with longitudinal tining for the Toll Lanes pavement, as well as the fully-reconstructed portions of the General Purpose Lanes.
29	Project Development Plan Binder, Section 4.2.2.1.a, Par 6, Page 40	Existing areas of flexible pavement and existing continuously reinforced concrete pavement with a flexible pavement overlay will receive a 2-inch mill and resurface during the construction period in order to meet the operation standards and requirements contained in Technical Provisions Sections 19 and Section 22.
30	Project Development Plan Binder, Section 4.2.2.2.a, Par 2, Page 42	The Holly Hall and Southmore overpass bridges shall be removed and constructed in two halves in order maintain traffic along these arterial streets during bridge construction.



No.	Proposal Location	Proposal Commitment
31	Project Development Plan Binder, Section 4.2.2.2.c, Par 2, Page 43	Developer shall coordinate with the property owner/lessees of ROW parcels during final design to understand how such owners/lessees access and use their properties in order to maintain access to such properties during construction.
32	Project Development Plan Binder, Section 4.2.2.2.e, Par 2, Page 44	Construction waste shall only be disposed of in landfills when all other options have been exhausted.
33	Project Development Plan Binder, Section 4.2.2.4.b.ii, Par 1, Page 49	No bents shall be placed in the railroad ROW, and Developer shall provide all required vertical and horizontal clearances.
34	Project Development Plan Binder, Section 4.2.2.5.c, Par 3, Page 54	A Traffic Management Center operator will be on duty 24 hours/day, 7 days/week.
35	Project Development Plan Binder, Section 4.2.2.6.b, Par 3, Page 57	Developer shall reconstruct signals at the intersections of Holly Hall and Southmore due to the bridge and approach pavement reconstruction.
36	Project Development Plan Binder, Section 4.2.2.8.c, Par 3, Page 59	Developer shall establish a special task force to review and evaluate the preliminary ideas for the aesthetics and landscape plan. Developer shall hold a preliminary meeting with TxDOT staff and Developer's design team to evaluate potential enhancements shortly after NTP1.
37	Project Development Plan Binder, Section 4.2.3.a, Par 13, Page 61	The Design Quality Assurance Manager shall be a Licensed Professional Engineer in the State of Texas.
38	Project Development Plan Binder, Section 4.2.3.2, Par 1, Page 63	The Construction Quality Management Plan will be supported by the Construction Quality Acceptance Firm.

No.	Proposal Location	Proposal Commitment
39	Project Development Plan Binder, Section 4.3.1.a, Par 3, Page 72	Specific to Incident/Emergency Response, Developer’s staff shall have the following National Incident Management System Training: (i) O&M Manager - S-100.b, IS-100.PWb, IS-700.a; (ii) Operations Supervisor - S-100.b, IS-100.PWb, IS-700.a; (iii) TMC Operators - IS-100.PWb; and (iv) Operations Technicians - IS-100.b, where: IS-100.b is the Introduction to Incident Command System, IS-100.PWb is the Introduction to the Incident Command System for Public Works Personnel, and IS-700.a is the National Incident Management System (NIMS), An Introduction.
40	Project Development Plan Binder, Section 4.3.1.b, Par 3, Page 74	As part of the preventive maintenance work, Developer shall review work needs, deficiencies and asset condition to determine if existing root-cause issues can be remedied. Root-cause evaluation is a significant component in the total maintenance approach to asset management. The evaluations look at where and why problems occur and search for the underlying causes, allowing for fundamental fixes rather than simple repairs.
41	Project Development Plan Binder, Section 4.3.1.b, Par 8, Page 74	The drainage system shall be inspected using CCTV equipment biennially to supplement visual inspections.
42	Project Development Plan Binder, Section 4.3.2.1, Par 1, Page 79	Developer shall assign certain assets to a particular staff member who will be the “prime” person responsible for that asset. This way, all assigned assets will have a “champion” who will take responsibility for the condition of the asset and for scheduling in-house efforts or local subcontractors to make repairs. This includes identification of work needs, issuing work orders, and inspecting and administering Developer’s crew and subcontractor work.
43	Project Development Plan Binder, Section 4.3.2.1.a, Par 2, Page 79	Emergency responders employed by Developer or Design-Build Contractor shall be appropriately trained in incident management in keeping with National Incident Management System requirements.
44	Project Development Plan Binder, Section 4.3.2.1.b, Par 2, Page 80	During the transition phase, Developer shall meet with local emergency management officials to develop the detailed Incident Management Plan for handling emergency services, including coordination with all emergency service providers. Developer shall arrange and conduct one-on-one and group meetings semi-annually to review and update plans with the appropriate emergency management supervisors from the following organizations: (i) TxDOT; (ii) Texas Highway Patrol; (iii) Local fire and rescue departments; and (iv) Other authorities that have jurisdiction.

No.	Proposal Location	Proposal Commitment
45	Project Development Plan Binder, Section 4.3.2.2.a, Par 6, Page 82	Developer shall provide a subsystem of CCTV cameras dedicated exclusively to monitoring the Toll Information Signs. The cameras will be used by Developer's toll personnel and TxDOT to check the toll rate displayed in the Toll Information Signs, and Developer shall maintain a history of toll rate changes.
46	Project Development Plan Binder, Section 4.3.2.2.a, Par 19, Page 83	Developer recognizes the importance of cooperating with Brazoria County in regards to the exchange of toll related information; such as the toll rate amount to be displayed on the Toll Information Signs of both the SH 288 Toll Lanes Project and the Brazoria County toll lanes project. Developer shall incorporate this requirement into the design, installation and operations of the toll and ITS systems.
47	Project Development Plan Binder, Section 4.3.2.2.a, Par 24, Page 84	The Toll Lanes design shall accommodate sufficient locations along the road where the inside shoulder has a 10 foot width that would safely allow law enforcement officers to stop their vehicles and other User's vehicles.
48	Project Development Plan Binder, Section 4.3.3.a, Par 3, Page 98	Quarterly Developer's Audit Inspections shall be performed to supplement the Quality Assurance/Quality Control processes and provide additional insights.
49	Project Development Plan Binder, Section 4.3.3.b, Par 6, Page 100	<p>Beginning with O&amp;M Work mobilization and continuing throughout the Operating Period, Developer shall conduct training that is attended by all field and management staff including:</p> <ul style="list-style-type: none"> <li>(i) Maintenance of Traffic (annually with updates via safety meetings);</li> <li>(ii) Safety (monthly and "tool box" meetings weekly);</li> <li>(iii) Emergency Response (annually);</li> <li>(iv) Identification of Category 1 and 2 Defects during routine patrols (quarterly);</li> <li>(v) Reporting procedures for Category 1 and Category 2 defects (annually);</li> <li>(vi) Updates to TxDOT standard specifications (as needed);</li> <li>(vii) Correct and efficient installation and repair techniques (as needed);</li> <li>(viii) Updates to specifications for proprietary systems such as attenuators and guardrail;</li> <li>(ix) Approach treatments (as needed);</li> <li>(x) Applicable environmental regulations including spill reporting and initial remediation (annually and as needed);</li> <li>(xi) National Pollutant Discharge Elimination System reporting and maintenance requirements (annually); and</li> <li>(xii) Protocol and procedure for communication with TxDOT and the Public (annually).</li> </ul>

### Alternative Technical Concepts

The following Alternative Technical Concepts (ATCs) are hereby incorporated into the Agreement:

ATC No.	Proposal Reference	Description	Conditions
5A	Project Development Plan Binder, Section 4.2.2.1, Page 39	Relocates the SH 288 Toll Lanes at grade and located horizontally between the existing General Purpose Lanes. Eliminates fifth level interchanges at IH 610. Provides approximately 75% of the IH 610 Interchange Work as part of the Project. Enhances connectivity to and from the Toll Lanes to the IH 610 Interchange general purpose lanes. Maintains free access ramps to and from the IH 610 Interchange and SH 288.	Yes. Refer to ATC letter dated September 30, 2014.
5D	Executive Summary, Page 6	Removes the northbound egress and the southbound egress to the Toll Lanes at Reed Road to streamline and simplify the Toll Lanes ingresses and egresses. Modifies the Toll Segment definition to accommodate both the removal of these ramps and also the Direct Connectors added at IH 610 in ATC 5A.	None. ATC 5D is contingent upon implementation of ATC 5A.

Developer is responsible for and bears the schedule and cost risk associated with (a) any ATC that would require further environmental evaluation of the Project, (b) obtaining any third-party approvals (including Governmental Approvals and Environmental Approvals) required to implement the ATC after award of the Comprehensive Development Agreement, and (c) the acquisition of any additional right of way in respect of ATCs. Moreover, Developer is not entitled to a Change Order for time or money as a result of (i) Site Conditions (i.e., Hazardous Materials, Differing Site Conditions, geotechnical issues, Utilities, etc.) on such additional right of way, or (ii) any delay, inability or cost associated with the acquisition of right of way required to implement the ATC.

### Identified Key Personnel

Developer commits to provide, and TxDOT hereby approves, the following individuals to initially serve as Key Personnel:

Name of Key Personnel	Key Personnel Position
Alvaro Muelas	Project Manager
Amit Goldwasser	Financial Manager
Robena Jackson	Public Information Coordinator
Tim Newton, P.E.	Design Manager
Rafael Molina	Superintendent or Construction Manager
Alexey Vista	Lead Quality Manager
Daniel Britt Akins	Environmental Compliance Manager

Alexey Vista	Safety Manager
Vicente Valencia	O&M Manager

**ATTACHMENT 1 TO EXHIBIT 7  
PROPOSAL SCHEMATICS**

**ATTACHMENT 2 TO EXHIBIT 7  
PRELIMINARY PROJECT BASELINE SCHEDULE**

# Preliminary Project Baseline Schedule

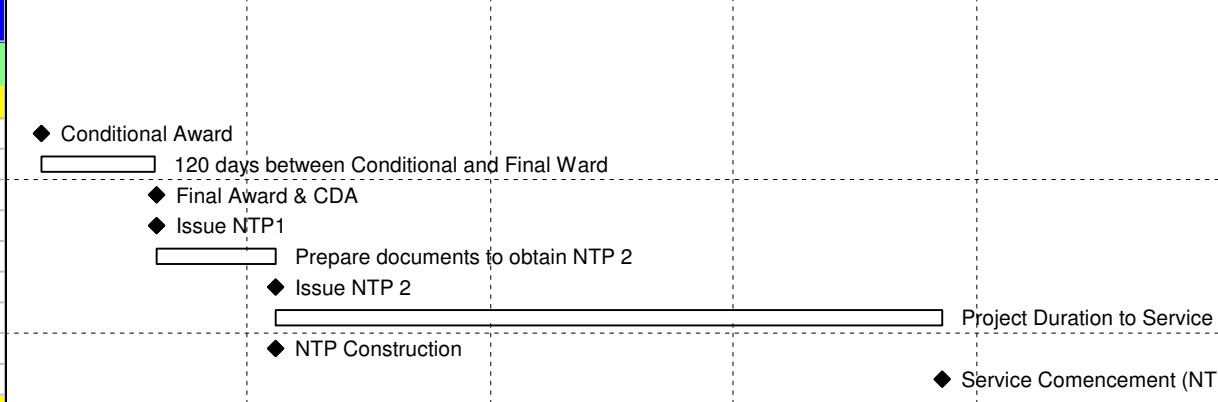




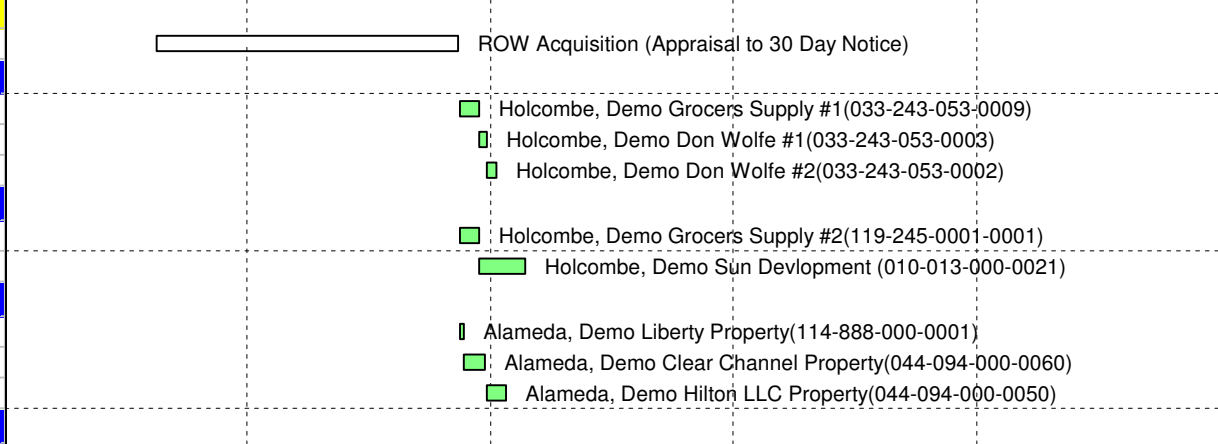
**WBS**

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2017												2019													
						J	F	M	A	J	J	A	S	O	N	D	J	F	M	A	J	J	A	S	O	N	D	J	F	M	A	J	J	A	S	O	N	D	J	F	M	A	J

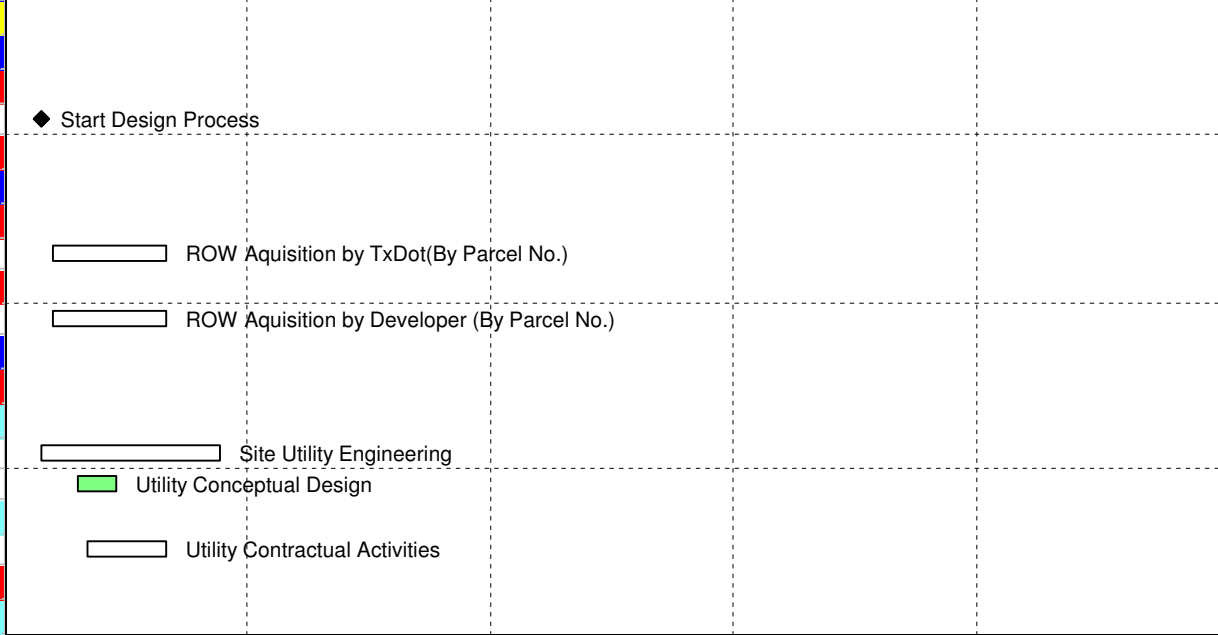
SH288 Toll Lanes Project					
Project Administration					
Award1	Conditional Award	0	26-Feb-15*		0
Award2	120 days between Conditional and Final Ward	173	26-Feb-15	17-Aug-15	0
Award3	Final Award & CDA	0	18-Aug-15		0
NTP1	Issue NTP1	0	18-Aug-15		0
NTP1-2	Prepare documents to obtain NTP 2	180	18-Aug-15	13-Feb-16	0
NTP2	Issue NTP 2	0	14-Feb-16		0
PROJDUR1	Project Duration to Service Commencement (NTP2+1000CDS)	1000	14-Feb-16	09-Nov-18	0
NTPWORK	NTP Construction	0	15-Feb-16		0
SERVICEMS	Service Comencement (NTP2+1000CDS)	0		09-Nov-18*	0



ROW-100	ROW Acquisition (Appraisal to 30 Day Notice)	456	18-Aug-15	15-Nov-16	156
For SH288 NB Connector to Holcombe					
ROW-110	Holcombe, Demo Grocers Supply #1(033-243-053-0009)	15	16-Nov-16	14-Dec-16	80
ROW-120	Holcombe, Demo Don Wolfe #1(033-243-053-0003)	10	14-Dec-16	28-Dec-16	111
ROW-130	Holcombe, Demo Don Wolfe #2(033-243-053-0002)	10	28-Dec-16	11-Jan-17	111
For SH288 SB Connector from Holcombe					
ROW-140	Holcombe, Demo Grocers Supply #2(119-245-0001-0001)	15	16-Nov-16	14-Dec-16	197
ROW-150	Holcombe, Demo Sun Devlopment (010-013-000-0021)	35	16-Dec-16	23-Feb-17	197
IH610 Alameda Road Option					
ROW-160	Alameda, Demo Liberty Property(114-888-000-0001)	5	16-Nov-16	22-Nov-16	351
ROW-170	Alameda, Demo Clear Channel Property(044-094-000-0060)	15	23-Nov-16	23-Dec-16	351
ROW-180	Alameda, Demo Hilton LLC Property(044-094-000-0050)	15	27-Dec-16	25-Jan-17	351
OH610 Option					



Project Administration					
Mobilization					
					37
Submittals and Permitting					
Acquisition By TxDOT					
		120		03-Sep-15	409
Acquisition by Developer					
	ROW Aquisition by Developer (By Parcel No.)			03-Sep-15	409
Utility Coordination					
Administration and Planning					
1.3.1.1.1	Site Utility Engineering	190	26-Feb-15	23-Nov-15	747
1.3.1.1.2	Utility Conceptual Design	40	23-Apr-15	18-Jun-15	759
	Utility Contractual Activities	84	07-May-15	03-Sep-15	779



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart																																																							
						2015			2016			2017			2018			2019																																											
						J	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1.3.2.1.1	Utility Relocations By Owner (By Line No.)	98	19-Jun-15	05-Nov-15	759	Utility Relocations By Owner (By Line No.)																																																							
<b>Design</b>																																																													
<b>General Activities and Field Work</b>																																																													
1.4.1.1	Design Mobilization	5	26-Feb-15	04-Mar-15	37	█ Design Mobilization																																																							
1.4.1.2	Schematics	15	05-Mar-15	25-Mar-15	37	█ Schematics																																																							
<b>Survey Work</b>																																																													
1.4.1.3.1	Control Survey	15	26-Mar-15	15-Apr-15	37	█ Control Survey																																																							
1.4.1.3.2	Design Survey	30	16-Apr-15	28-May-15	37	█ Design Survey																																																							
<b>Develop Specifications</b>																																																													
1.4.2.1	(By Discipline)	80	22-Sep-15	15-Jan-16	189	▬ (By Discipline)																																																							
<b>Geotechnical Design</b>																																																													
1.4.3.1	Earthwork Geotech	21	16-Apr-15	14-May-15	131	█ Earthwork Geotech																																																							
1.4.3.2	Bridge Geotech	70	16-Apr-15	24-Jul-15	102	█ Bridge Geotech																																																							
1.4.3.3	Culvert Geotech	70	16-Apr-15	24-Jul-15	94	█ Culvert Geotech																																																							
1.4.3.4	Wall Geotech	70	16-Apr-15	24-Jul-15	94	█ Wall Geotech																																																							
<b>Pavement Design Verification</b>																																																													
1.4.4.1	Pavement Data Analysis and Draft Report	14	15-May-15	04-Jun-15	131	█ Pavement Data Analysis and Draft Report																																																							
1.4.4.2	Pavement Final Design and Report	28	05-Jun-15	15-Jul-15	131	█ Pavement Final Design and Report																																																							
<b>Drainage Design</b>																																																													
1.4.5.1	Drainage Hydrologic and Hydraulic Design	40	14-May-15	10-Jul-15	39	█ Drainage Hydrologic and Hydraulic Design																																																							
1.4.5.2	Drainage Preliminary System Design	40	13-Jul-15	04-Sep-15	59	█ Drainage Preliminary System Design																																																							
1.4.5.3	Drainage Detailed Drainage Design	40	10-Aug-15	05-Oct-15	59	█ Drainage Detailed Drainage Design																																																							
<b>Roadway Design</b>																																																													
<b>Alignments</b>																																																													
1.4.6.1.4	Alignments, Interchange and Detail Design (288/610)	25	29-May-15	02-Jul-15	68	█ Alignments, Interchange and Detail Design (288/610)																																																							
1.4.6.1.6	Alignments, Interchange Detail Design (TMC)	30	29-May-15	10-Jul-15	89	█ Alignments, Interchange Detail Design (TMC)																																																							
1.4.6.1.8	Alignments, Interchange and Detail Design (288/BW8)	25	26-Jun-15	31-Jul-15	37	█ Alignments, Interchange and Detail Design (288/BW8)																																																							
1.4.6.1.5	Alignments, QC for Interchange and Detail Design (288/610)	5	06-Jul-15	10-Jul-15	68	█ Alignments, QC for Interchange and Detail Design (288/610)																																																							
1.4.6.1.1	Alignments, Mainlanes and Detail Design (SH288)	100	13-Jul-15	02-Dec-15	39	▬ Alignments, Mainlanes and Detail Design (SH288)																																																							
1.4.6.1.7	Alignments, QC for Interchange Detail Design (TMC)	5	13-Jul-15	17-Jul-15	89	█ Alignments, QC for Interchange Detail Design (TMC)																																																							
1.4.6.1.9	Alignments, QC for Interchange and Detail Design (288/BW8)	5	03-Aug-15	07-Aug-15	37	█ Alignments, QC for Interchange and Detail Design (288/BW8)																																																							
<b>Typical Sections</b>																																																													
1.4.6.2	Typical Sections	40	26-Mar-15	20-May-15	129	█ Typical Sections																																																							
<b>Cross Sections</b>																																																													
1.4.6.3	Cross Sections	40	20-Jul-15	14-Sep-15	89	█ Cross Sections																																																							
<b>Bridge Design</b>																																																													
<b>Bridge layouts</b>																																																													
1.4.7.1.1	Bridge Layouts for IH 610	25	13-Jul-15	14-Aug-15	68	█ Bridge Layouts for IH 610																																																							
1.4.7.1.4	Bridge Layouts for TMC	20	20-Jul-15	14-Aug-15	360	█ Bridge Layouts for TMC																																																							
1.4.7.1.5	Bridge Layouts for BW8	30	10-Aug-15	21-Sep-15	37	█ Bridge Layouts for BW8																																																							
1.4.7.1.2	Bridge Layouts for South SH 288	15	08-Sep-15	28-Sep-15	39	█ Bridge Layouts for South SH 288																																																							
1.4.7.1.3	Bridge Layouts for North SH 288	40	08-Sep-15	02-Nov-15	305	█ Bridge Layouts for North SH 288																																																							
<b>Structural Analysis</b>																																																													
1.4.7.2.2	Structural Analysis for IH 610	40	17-Aug-15	12-Oct-15	179	█ Structural Analysis for IH 610																																																							
1.4.7.2.4	Structural Analysis for TMC	30	17-Aug-15	28-Sep-15	360	█ Structural Analysis for TMC																																																							
1.4.7.2.2S	Structural Analysis for IH 610 Substructure	30	17-Aug-15	28-Sep-15	68	█ Structural Analysis for IH 610 Substructure																																																							



Activity ID		Activity Name		OD	Start	Finish	Total Float	WBS															
								2015			2016			2017			2018			2019			
								J			J			J			A						
1.4.7.2.5	Structural Analysis for BW8	40	22-Sep-15	16-Nov-15	37																		
1.4.7.2.3	Structural Analysis for South SH 288	15	29-Sep-15	19-Oct-15	39																		
1.4.7.2.1	Structural Analysis for North SH 288	35	03-Nov-15	23-Dec-15	305																		
<b>Superstructure Design</b>																							
1.4.7.3.4	Superstructure Design for TMC	40	29-Sep-15	23-Nov-15	360																		
1.4.7.3.2	Superstructure Design for IH 610	75	13-Oct-15	01-Feb-16	179																		
1.4.7.3.3	Superstructure Design for South SH 288	25	20-Oct-15	23-Nov-15	39																		
1.4.7.3.5	Superstructure Design for BW8	65	17-Nov-15	23-Feb-16	37																		
1.4.7.3.1	Superstructure Design for North SH 288	35	24-Dec-15	15-Feb-16	305																		
<b>Substructure Design</b>																							
1.4.7.4.2	Substructure Design for IH 610	55	29-Sep-15	16-Dec-15	68																		
1.4.7.4.4	Substructure Design for TMC	40	29-Sep-15	23-Nov-15	360																		
1.4.7.4.3	Substructure Design for South SH 288	25	20-Oct-15	23-Nov-15	39																		
1.4.7.4.5	Substructure Design for BW8	65	17-Nov-15	23-Feb-16	37																		
1.4.7.4.1	Substructure Design for North SH 288	35	24-Dec-15	15-Feb-16	305																		
<b>Retaining Wall Design</b>																							
1.4.8.1	Retaining Wall Design at IH 610	50	27-Jul-15	05-Oct-15	259																		
1.4.8.5	Retaining Wall Design at BW8	50	10-Aug-15	19-Oct-15	122																		
1.4.8.3	Retaining Wall Design at TMC	40	17-Aug-15	12-Oct-15	390																		
1.4.8.2.1	Retaining Wall Design at South SH 288	30	29-Sep-15	09-Nov-15	49																		
1.4.8.2.2	Retaining Wall Design at North SH 288	30	03-Nov-15	16-Dec-15	345																		
<b>Traffic Management</b>																							
1.4.9.2	Traffic Management Design at IH-610 Interchange	40	13-Jul-15	04-Sep-15	102																		
1.4.9.3	Traffic Management Design at TMC Interchange	15	20-Jul-15	07-Aug-15	122																		
1.4.9.1	Traffic Management Design at SH288 Mainlines	40	10-Aug-15	05-Oct-15	52																		
1.4.9.4	Traffic Management Design at BW8 Interchange	40	10-Aug-15	05-Oct-15	42																		
<b>Environmental Design</b>																							
1.4.10.1	Environmental Design, Erosion Control/SWPPP	50	06-Oct-15	16-Dec-15	42																		
1.4.10.2	Environmental Design, Wetland and Habitat Mitigation	25	15-Oct-15	18-Nov-15	42																		
<b>Landscape and Aesthetic Design</b>																							
1.4.11.1	Landscape Design	60	06-Oct-15	31-Dec-15	60																		
1.4.11.2	Aesthetic Design	28	06-Oct-15	12-Nov-15	60																		
<b>Electrical Design</b>																							
1.4.12.2	Electrical Design, Illumination for IH 610	60	13-Jul-15	05-Oct-15	259																		
1.4.12.3	Electrical Design, Illumination for IH BW8	60	10-Aug-15	02-Nov-15	112																		
1.4.12.1	Electrical Design, Illumination for SH 288	70	08-Sep-15	16-Dec-15	54																		
1.4.12.4	Electrical Design, Traffic Signals	45	08-Sep-15	09-Nov-15	49																		
<b>ITS &amp; TCS Design</b>																							
1.4.13.1	ITS & TCS Design, Duct Bank System & Power Supply	42	24-Aug-15	21-Oct-15	44																		
1.4.13.2	ITS & TCS Design, Equipment & Structures	60	24-Aug-15	16-Nov-15	44																		
<b>Signage and Marking Design</b>																							
					74																		
		60	10-Aug-15	02-Nov-15	54																		
<b>Design Packages</b>																							
<b>BW 8 WA</b>																							
1.4.15.1.1	BW8 Design, QC Review	10	24-Feb-16	08-Mar-16	37																		
1.4.15.1.2	BW8 Design, Address QC Comments	5	09-Mar-16	15-Mar-16	37																		



Activity ID		Activity Name		OD	Start	Finish	Total Float	Gantt Chart											
								2015			2016			2017			2018		
1.4.15.1.3		BW8 Design, Submittal		0		15-Mar-16	37	◆ BW8 Design, Submittal											
<b>South 288 WA</b>																			
				5	10-Dec-15	09-Dec-15	39	□ South SH288 Design, QC Review											
				0		16-Dec-15	39	▮ South SH288 Design, Address QC Comments											
				0				◆ South SH288 Design, Submittal											
<b>IH 610 WA</b>																			
1.4.15.3.1		IH 610 Design, QC Review		10	02-Feb-16	15-Feb-16	179	□ IH 610 Design, QC Review											
1.4.15.3.2		IH 610 Design, Address QC Comments		5	16-Feb-16	23-Feb-16	179	▮ IH 610 Design, Address QC Comments											
1.4.15.3.3		IH 610 Design, Submittal		0		23-Feb-16	179	◆ IH 610 Design, Submittal											
<b>IH 610 Substructure</b>																			
1.4.15.3.1S		IH 610 Substructure Design, QC Review		10	17-Dec-15	31-Dec-15	68	□ IH 610 Substructure Design, QC Review											
1.4.15.3.2S		IH 610 Substructure Design, Address QC Comments		5	04-Jan-16	08-Jan-16	68	▮ IH 610 Substructure Design, Address QC Comments											
1.4.15.3.3S		IH 610 substructure Design, Submittal		0		08-Jan-16	68	◆ IH 610 substructure Design, Submittal											
<b>North 288 WA</b>																			
1.4.15.4.1		North SH288 Design, QC Review		10	16-Feb-16	01-Mar-16	305	□ North SH288 Design, QC Review											
1.4.15.4.2		North SH288 Design, Address QC Comments		5	02-Mar-16	08-Mar-16	305	▮ North SH288 Design, Address QC Comments											
1.4.15.4.3		North SH288 Design, Submittal		0		08-Mar-16	305	◆ North SH288 Design, Submittal											
<b>Construction</b>																			
1.5.2		Design Package for Construction (288 South)		0	17-Dec-15	17-Dec-15	39	▮ Design Package for Construction (288 South)											
1.5.5S		Design Package for Construction (IH610 Substructure)		0	11-Jan-16	11-Jan-16	68	▮ Design Package for Construction (IH610 Substructure)											
1.5.5		Design Package for Construction (IH610)		0	24-Feb-16	24-Feb-16	179	▮ Design Package for Construction (IH610)											
1.5.3		Design Package for Construction (288 North)		0	09-Mar-16	09-Mar-16	305	▮ Design Package for Construction (288 North)											
1.5.4		Design Package for Construction (BW8)		0	16-Mar-16	16-Mar-16	37	▮ Design Package for Construction (BW8)											
<b>Construction</b>																			
<b>General</b>																			
<b>South Toll Road Completion</b>																			
SOUTHPL		South Toll Road Punchlist (RW1 to RW5)		20	21-Sep-18	24-Oct-18	10	□ South Toll Road Punchlist (RW1 to RW5)											
SOUTHCOMP		South Toll Road OPEN (RW1 to RW5)		0		24-Oct-18	16	◆ South Toll Road OPEN (RW1 to RW5)											
<b>IH610 Toll Road Completion</b>																			
IH610PL		SH288 @ IH610 Toll Road Punchlist (RW6 to RW7)		10	25-Oct-18	09-Nov-18	0	▮ SH288 @ IH610 Toll Road Punchlist (RW6 to RW7)											
IH610COMP		SH288 @ IH610 Toll Road Ready (RW6 to RW7)		0		09-Nov-18	0	◆ SH288 @ IH610 Toll Road Ready (RW6 to RW7)											
<b>North Toll Road Completion</b>																			
NORTHPL		North Toll Road Punchlist (RW8 to RW10)		20	10-Oct-18	09-Nov-18	0	▮ North Toll Road Punchlist (RW8 to RW10)											
NORTHCOMP		North Toll Road READY TO OPEN (RW8 to RW10)		0		09-Nov-18	0	◆ North Toll Road READY TO OPEN (RW8 to RW10)											
<b>Roadways, Zone 1 (2773+00 to 2892+00) (BW8)</b>																			
<b>Roadway 1 (2773+00 to 2835+00), 6200 LF</b>																			
RW1-TC-100		RW1, SH 288 Median, Setup Traffic Control		5	15-Feb-16	23-Feb-16	40	▮ RW1, SH 288 Median, Setup Traffic Control											
RW1-START		RW1, Start Work		0	15-Feb-16		0	◆ RW1, Start Work											
RW1-EW-100		RW1, SH 288 Median, Clear & Grubb/Topsoil Removal		10	18-Feb-16	07-Mar-16	40	▮ RW1, SH 288 Median, Clear & Grubb/Topsoil Removal											
RW1-EW-110E		RW1, SH 288 Median, Excavation (to Fill)		0	23-Feb-16	23-Feb-16	40	▮ RW1, SH 288 Median, Excavation (to Fill)											
RW1-EW-110F		RW1, SH 288 Median, Fill (from borrow)		55	23-Feb-16	31-May-16	40	▮ RW1, SH 288 Median, Fill (from borrow)											
RW1-LT-100		RW1, SH 288 Median, LTB		55	25-Feb-16	02-Jun-16	98	▮ RW1, SH 288 Median, LTB											
RW1-SD-100		RW1, SH 288 Median, Drainage Rough In		5	31-May-16	06-Jun-16	98	▮ RW1, SH 288 Median, Drainage Rough In											
RW1-IT-100		RW1, SH 288 Median, IT Rough in		5	31-May-16	06-Jun-16	98	▮ RW1, SH 288 Median, IT Rough in											
RW1-CB-100NB		RW1, SH 288 Median, NB CSB		5	18-Oct-16	25-Oct-16	24	▮ RW1, SH 288 Median, NB CSB											
RW1-PV-100NB		RW1, SH 288 Median, NB AC Bond Breaker		5	21-Oct-16	27-Oct-16	24	▮ RW1, SH 288 Median, NB AC Bond Breaker											
RW1-PV-104NB		RW1, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft		10	25-Oct-16	09-Nov-16	24	▮ RW1, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft											



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019																																																																							
						J												J												J												A												J																																																																							
RW1-PV-102NB	RW1, SH 288 Median, NB Form Blockouts for Drainage/IT	5	25-Oct-16	31-Oct-16	24																																																													█	RW1, SH 288 Median, NB Form Blockouts for Drainage/IT																																																										
RW1-CB-100SB	RW1, SH 288 Median, SB CSB	5	10-Nov-16	18-Nov-16	24																																																													█	RW1, SH 288 Median, SB CSB																																																										
RW1-PV-112NB	RW1, SH 288 Median, NB, Cure Last PCC Pavement	0	10-Nov-16	10-Nov-16	49																																																														RW1, SH 288 Median, NB, Cure Last PCC Pavement																																																										
RW1-PV-100SB	RW1, SH 288 Median, SB AC Bond Breaker	5	16-Nov-16	22-Nov-16	24																																																														RW1, SH 288 Median, SB AC Bond Breaker																																																										
RW1-PV-102SB	RW1, SH 288 Median, SB Form Blockouts for Drainage/IT	5	18-Nov-16	28-Nov-16	24																																																													█	RW1, SH 288 Median, SB Form Blockouts for Drainage/IT																																																										
RW1-PV-104SB	RW1, SH 288 Median, SB PCC Reinforcement & Paving	10	22-Nov-16	12-Dec-16	24																																																													█	RW1, SH 288 Median, SB PCC Reinforcement & Paving																																																										
RW1-PV-112SB	RW1, SH 288 Median, SB, Cure Last PCC Pavement	7	13-Dec-16	19-Dec-16	143																																																														RW1, SH 288 Median, SB, Cure Last PCC Pavement																																																										
RW1-PS-100	RW1, SH 288 Median, F/R/P Major Sign Foundations	6	14-Dec-16	27-Dec-16	76																																																													█	RW1, SH 288 Median, F/R/P Major Sign Foundations																																																										
RW1-PV-122	RW1, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back	10	14-Dec-16	30-Dec-16	74																																																													█	RW1, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back																																																										
RW1-PB-100	RW1, SH 288 Median, Permanent Barriers	13	19-Dec-16	11-Jan-17	74																																																													█	RW1, SH 288 Median, Permanent Barriers																																																										
RW1-PB-120	RW1, SH 288, Erect all Signs	10	28-Dec-16	16-Jan-17	83																																																													█	RW1, SH 288, Erect all Signs																																																										
RW1-PB-110	RW1, SH 288 Median, Striping on Toll Road	5	13-Jan-17	24-Jan-17	82																																																													█	RW1, SH 288 Median, Striping on Toll Road																																																										
RW1-TC-120	RW1, SH 288, Move Traffic to Median	0		24-Jan-17	332																																																													◆	RW1, SH 288, Move Traffic to Median																																																										
<b>Traffic Control and Temporary Work</b>																																																																																																																													
Drainage																																																																																																																													
Removals																																																																																																																													
Earthwork																																																																																																																													
Landscaping																																																																																																																													
Subgrade Treatment and Base																																																																																																																													
Pavement																																																																																																																													
Retaining Walls																																																																																																																													
Bridges																																																																																																																													
<b>SEQ 1A, Bridge at Clear Creek (2787+03)</b>																																																																																																																													
				25-Feb-16	0																																																													█	RW1, Bridge SEQ1A(2787+03), Drill & Concrete Shafts																																																										
		10	26-Feb-16	17-Mar-16	8																																																													█	RW1, Bridge SEQ1A(2787+03), Footings																																																										
		21	14-Mar-16	15-Apr-16	8																																																													█	RW1, Bridge SEQ1A(2787+03), Columns																																																										
		19	29-Mar-16	29-Apr-16	50																																																													█	RW1, Bridge SEQ1A(2787+03), Bent Caps																																																										
		30	15-Apr-16	08-Jun-16	69																																																													█	RW1, Bridge SEQ1A(2787+03), Abutments/Wing Walls																																																										
		14	30-Apr-16	13-May-16	146																																																													█	RW1, Bridge SEQ1A(2787+03), Cure Caps																																																										
		7	16-May-16	26-May-16	78																																																													█	RW1, Bridge SEQ1A(2787+03), Set Girders/Precast Panels/O'hangs																																																										
		26	10-Jun-16	29-Jul-16	69																																																													█	RW1, Bridge SEQ1A(2787+03), F/R/P Deck																																																										
		7	30-Jul-16	05-Aug-16	125																																																														RW1, Bridge SEQ1A(2787+03), Cure Last Deck Pour																																																										
<b>SEQ 1B, Widen Bridge at Clear Creek (2787+03)</b>																																																																																																																													
RW1SEQ1B-100	RW1, Bridge SEQ1B(2787+03), Drill & Concrete Shafts	4	26-Feb-16	04-Mar-16	74																																																													█	RW1, Bridge SEQ1B(2787+03), Drill & Concrete Shafts																																																										
RW1SEQ1B-110	RW1, Bridge SEQ1B(2787+03), Footings	10	18-Mar-16	31-Mar-16	68																																																													█	RW1, Bridge SEQ1B(2787+03), Footings																																																										
RW1SEQ1B-120	RW1, Bridge SEQ1B(2787+03), Columns	10	29-Mar-16	14-Apr-16	68																																																													█	RW1, Bridge SEQ1B(2787+03), Columns																																																										
RW1SEQ1B-130	RW1, Bridge SEQ1B(2787+03), Bent Caps	19	02-May-16	03-Jun-16	50																																																													█	RW1, Bridge SEQ1B(2787+03), Bent Caps																																																										
RW1SEQ1B-135	RW1, Bridge SEQ1B(2787+03), Abutments/Wing Walls	30	20-May-16	18-Jul-16	50																																																													█	RW1, Bridge SEQ1B(2787+03), Abutments/Wing Walls																																																										
RW1SEQ1B-140	RW1, Bridge SEQ1B(2787+03), Cure Caps	14	04-Jun-16	17-Jun-16	111																																																													█	RW1, Bridge SEQ1B(2787+03), Cure Caps																																																										
RW1SEQ1B-150	RW1, Bridge SEQ1B(2787+03), Set Girders/Precast Panels/O'hangs	7	20-Jun-16	30-Jun-16	60																																																													█	RW1, Bridge SEQ1B(2787+03), Set Girders/Precast Panels/O'hangs																																																										
RW1SEQ1B-160	RW1, Bridge SEQ1B(2787+03), F/R/P Deck	26	20-Jul-16	31-Aug-16	50																																																													█	RW1, Bridge SEQ1B(2787+03), F/R/P Deck																																																										
RW1SEQ1B-165	RW1, Bridge SEQ1B(2787+03), Cure Last Deck Pour	7	01-Sep-16	07-Sep-16	92																																																														RW1, Bridge SEQ1B(2787+03), Cure Last Deck Pour																																																										
<b>Permanent Barriers</b>																																																																																																																													
<b>Signals and Illumination</b>																																																																																																																													
<b>ITS/ITC</b>																																																																																																																													
<b>Permanent signing and Markings</b>																																																																																																																													



WBS		OD	Start	Finish	Total Float					
Activity ID	Activity Name					2015	2016	2017	2018	2019
<b>Environmental Mitigation</b>										
<b>Hazardous Materials</b>										
<b>Roadway 2 (2805+00 to 2890+00) (BW8)</b>										
<b>Phase 1</b>										
RW2P1-START	RW2, Phase 1, Start Work (BW8)	0	16-Mar-16		37					
<b>Traffic Control and Temporary Work</b>										
RW2P1-TC-100	RW2, Phase 1, SH 288 Median Setup Traffic Control	10	16-Mar-16	29-Mar-16	37					
RW2P1-TC-090	RW2, Phase 1, BW8, Setup Traffic Control for Connector D	10	16-Mar-16	29-Mar-16	110					
RW2P1-TC-060	RW2, Phase 1, BW8, Setup Traffic Control for Connector A	10	30-Mar-16	12-Apr-16	37					
RW2P1-TC-080	RW2, Phase 1, BW8, Setup Traffic Control for Connector C	10	30-Mar-16	12-Apr-16	98					
RW2P1-TC-070	RW2, Phase 1, BW8, Setup Traffic Control for Connector B	10	13-Apr-16	26-Apr-16	37					
RW2P1-TC-110	RW2, Phase 1, SH288 Temp Marking in Median	9	24-Oct-16	04-Nov-16	174					
RW2P1-TC-120	RW2, Phase 1, SH288, Move GP Traffic to Median	1	18-Jan-17	19-Jan-17	121					
<b>Bridges</b>										
<b>SEQ 2A, NB Overpass at Front Rd (2827+72)</b>										
				18-Mar-16	0					
		30	14-Mar-16	02-May-16	22					
		24	18-Apr-16	31-May-16	8					
		31	22-Apr-16	20-Jun-16	8					
		30	12-May-16	07-Jul-16	28					
		14	21-Jun-16	04-Jul-16	45					
		9	05-Jul-16	22-Jul-16	25					
		53	15-Jul-16	17-Oct-16	25					
		7	18-Oct-16	24-Oct-16	45					
<b>SEQ 2A, SB Overpass at Front Rd (2827+72)</b>										
RW2P1-SEQ2A-10	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Drill & Concrete Shafts	11	21-Mar-16	04-Apr-16	0					
RW2P1-SEQ2A-11	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Footings	30	04-May-16	29-Jun-16	22					
RW2P1-SEQ2A-12	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Columns	25	01-Jun-16	20-Jul-16	14					
RW2P1-SEQ2A-13	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Bent Caps	31	22-Jun-16	16-Aug-16	8					
RW2P1-SEQ2A-13	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Abutments/Wing Walls	30	11-Jul-16	31-Aug-16	12					
RW2P1-SEQ2A-14	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Cure Caps	14	17-Aug-16	30-Aug-16	14					
RW2P1-SEQ2A-15	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Set girders	4	31-Aug-16	06-Sep-16	9					
RW2P1-SEQ2A-16	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), F/R/P Deck	65	07-Sep-16	06-Jan-17	9					
RW2P1-SEQ2A-16	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Cure Last Deck Pour	4	07-Jan-17	10-Jan-17	20					

- ◆ RW2, Phase 1, Start Work (BW8)
- RW2, Phase 1, SH 288 Median Setup Traffic Control
- RW2, Phase 1, BW8, Setup Traffic Control for Connector D
- RW2, Phase 1, BW8, Setup Traffic Control for Connector A
- RW2, Phase 1, BW8, Setup Traffic Control for Connector C
- RW2, Phase 1, BW8, Setup Traffic Control for Connector B
- RW2, Phase 1, SH288 Temp Marking in Median
- RW2, Phase 1, SH288, Move GP Traffic to Median
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Drill & Concrete Shafts
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Footings
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Columns
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Bent Caps
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Abutments/Wing Walls
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Cure Caps
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Set girders
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), F/R/P Deck
- RW2, Phase 1, NB Frontage Rd Bridge SEQ2B(2927+12), Cure Last Deck Pour
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Drill & Concrete Shafts
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Footings
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Columns
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Bent Caps
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Abutments/Wing Walls
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Cure Caps
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Set girders
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), F/R/P Deck
- RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Cure Last Deck Pour



WBS		OD	Start	Finish	Total Float	Gantt Chart (2015-2019)											
Activity ID	Activity Name					2015		2016		2017		2018		2019			
RW2P1-SEQ2A-	RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Barriers	5	09-Jan-17	18-Jan-17	89	■ RW2, Phase 1, SB Frontage Rd Bridge SEQ2A(2927+12), Barriers											
<b>Connectors</b>																	
<b>North East</b>																	
<b>Connector A (Col 45&gt;53)</b>																	
RW2P1-NEA1	BW8, Phase 1 NE, Excavate NE Detention Pond	90	14-Apr-16	23-Sep-16	28	■ BW8, Phase 1 NE, Excavate NE Detention Pond											
RW2P1-NEA1	BW8, Phase 1 NE, Connector A, Shafts for 45>53	26	22-Apr-16	08-Jun-16	28	■ BW8, Phase 1 NE, Connector A, Shafts for 45>53											
RW2P1-NEA1	BW8, Phase 1 NE, Connector A, Footings for 45>53	36	06-May-16	13-Jul-16	28	■ BW8, Phase 1 NE, Connector A, Footings for 45>53											
RW2P1-NEA1	BW8, Phase 1 NE, Connector A, Columns for 45>53	41	19-May-16	04-Aug-16	28	■ BW8, Phase 1 NE, Connector A, Columns for 45>53											
RW2P1-NEA1	BW8, Phase 1 NE, Connector A, Bent Caps for 45>53	36	17-Jun-16	22-Aug-16	34	■ BW8, Phase 1 NE, Connector A, Bent Caps for 45>53											
RW2P1-NEA1-	BW8, Phase 1 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 45>53	10	23-Aug-16	07-Sep-16	216	■ BW8, Phase 1 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 45>53											
RW2P1-NEA1	BW8, Phase 1 NE, Connector A, Cure Last Bent Cap for 45>53	14	23-Aug-16	05-Sep-16	407	■ BW8, Phase 1 NE, Connector A, Cure Last Bent Cap for 45>53											
<b>Connector A (Col 26&gt;43)</b>																	
RW2P1-NEA3	BW8, Phase 1 NE, Connector A, Shafts for 26>43	65	10-Jun-16	07-Oct-16	43	■ BW8, Phase 1 NE, Connector A, Shafts for 26>43											
RW2P1-NEA3	BW8, Phase 1 NE, Connector A, Footings for 26>43	72	15-Jul-16	18-Nov-16	33	■ BW8, Phase 1 NE, Connector A, Footings for 26>43											
RW2P1-NEA3	BW8, Phase 1 NE, Connector A, Columns for 26>43	78	05-Aug-16	27-Dec-16	28	■ BW8, Phase 1 NE, Connector A, Columns for 26>43											
RW2P1-NEA3	BW8, Phase 1 NE, Connector A, Bent Caps for 26>43	72	01-Sep-16	16-Jan-17	28	■ BW8, Phase 1 NE, Connector A, Bent Caps for 26>43											
RW2P1-NEA3-	BW8, Phase 1 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 26>43	20	27-Dec-16	01-Feb-17	29	■ BW8, Phase 1 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 26>43											
RW2P1-NEA3	BW8, Phase 1 NE, Connector A, Cure Last Bent Cap for 26>43	14	17-Jan-17	30-Jan-17	56	■ BW8, Phase 1 NE, Connector A, Cure Last Bent Cap for 26>43											
<b>Connector A (Col Ab1&gt;23)</b>																	
RW2P1-NEA2	BW8, Phase 1 NE, Connector A, Shafts for Ab1>23	70	14-Apr-16	22-Aug-16	44	■ BW8, Phase 1 NE, Connector A, Shafts for Ab1>23											
RW2P1-NEA2	BW8, Phase 1 NE, Connector A, Footings for Ab1>23	92	26-Apr-16	13-Oct-16	44	■ BW8, Phase 1 NE, Connector A, Footings for Ab1>23											
RW2P1-NEA2	BW8, Phase 1 NE, Connector A, Columns for Ab1>23	42	12-Aug-16	25-Oct-16	44	■ BW8, Phase 1 NE, Connector A, Columns for Ab1>23											
RW2P1-NEA2	BW8, Phase 1 NE, Connector A, Bent Caps for Ab1>23	92	30-Aug-16	22-Feb-17	44	■ BW8, Phase 1 NE, Connector A, Bent Caps for Ab1>23											
RW2P1-NEA2-	BW8, Phase 1 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for Ab1>23	22	27-Jan-17	10-Mar-17	46	■ BW8, Phase 1 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for Ab1>23											
RW2P1-NEA2	BW8, Phase 1 NE, Connector A, Cure Last Bent Cap for Ab1>23	14	23-Feb-17	08-Mar-17	83	■ BW8, Phase 1 NE, Connector A, Cure Last Bent Cap for Ab1>23											
<b>Connector E (Col 5&gt;7)</b>																	
RW2P1-NEE1	BW8, Phase 1 NE, Connector E, Shafts for 5>7	8	23-Aug-16	02-Sep-16	177	■ BW8, Phase 1 NE, Connector E, Shafts for 5>7											
RW2P1-NEE1	BW8, Phase 1 NE, Connector E, Footings for 5>7	12	14-Oct-16	02-Nov-16	181	■ BW8, Phase 1 NE, Connector E, Footings for 5>7											
RW2P1-NEE1	BW8, Phase 1 NE, Connector E, Columns for 5>7	14	26-Oct-16	18-Nov-16	181	■ BW8, Phase 1 NE, Connector E, Columns for 5>7											
RW2P1-NEE1	BW8, Phase 1 NE, Connector E, Bent Caps for 5>7	12	23-Feb-17	17-Mar-17	133	■ BW8, Phase 1 NE, Connector E, Bent Caps for 5>7											
RW2P1-NEE1	BW8, Phase 1 NE, Connector E, Cure Last Bent Cap Caps for 5>7	14	18-Mar-17	31-Mar-17	241	■ BW8, Phase 1 NE, Connector E, Cure Last Bent Cap Caps for 5>7											
RW2P1-NEE1-	BW8, Phase 1 NE, Connector E, Set Girders/Precast Panels/O'hang Brackets for 5>7	7	23-Mar-17	03-Apr-17	130	■ BW8, Phase 1 NE, Connector E, Set Girders/Precast Panels/O'hang Brackets for 5>7											
<b>South East</b>																	
<b>Connector B (Col Ab62&gt;42)</b>																	
				11-Oct-16	72	■ BW8, Phase 1 SE, Excavate SE Detention Pond											
		63	09-May-16	31-Aug-16	72	■ BW8, Phase 1 SE, Connector B, Shafts for Ab62>42											
		84	20-May-16	21-Oct-16	72	■ BW8, Phase 1 SE, Connector B, Footings for Ab62>42											
		38	29-Aug-16	02-Nov-16	72	■ BW8, Phase 1 SE, Connector B, Columns for Ab62>42											
		84	13-Sep-16	23-Feb-17	72	■ BW8, Phase 1 SE, Connector B, Bent Caps for Ab62>42											
		21	30-Jan-17	13-Mar-17	71	■ BW8, Phase 1 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for Ab62>42											
		14	24-Feb-17	09-Mar-17	135	■ BW8, Phase 1 SE, Connector B, Cure Last Bent Cap for Ab62>42											
<b>Connector B (Col 9&gt;18)</b>																	



### SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015			2016			2017			2018		
RW2P1-SEB1				21-Oct-16	165	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Shafts for 9&gt;18</span> <span>■ BW8, Phase 1 SE, Connector B, Footings for 9&gt;18</span> <span>■ BW8, Phase 1 SE, Connector B, Columns for 9&gt;18</span> </div> <div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Bent Caps for 9&gt;18</span> <span>■ BW8, Phase 1 SE, Connector B, Set Girders/Precast Panels/O'hang</span> </div> <div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Cure Last Bent Cap Caps for 9&gt;</span> </div>											
		40	24-Oct-16	06-Jan-17	161												
		33	03-Nov-16	06-Jan-17	161												
		40	24-Feb-17	08-May-17	115												
		12	03-May-17	24-May-17	114												
		14	09-May-17	22-May-17	212												
<b>Connector B (Col 38&gt;20)</b>																	
RW2P1-SEB3	BW8, Phase 1 SE, Connector B, Shafts for 38>20	73	28-Apr-16	08-Sep-16	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Shafts for 38&gt;20</span> </div>											
RW2P1-SEB3	BW8, Phase 1 SE, Connector B, Footings for 38>20	76	12-May-16	26-Sep-16	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Footings for 38&gt;20</span> </div>											
RW2P1-SEB3	BW8, Phase 1 SE, Connector B, Columns for 38>20	87	24-May-16	28-Oct-16	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Columns for 38&gt;20</span> </div>											
RW2P1-SEB3	BW8, Phase 1 SE, Connector B, Bent Caps for 38>20	76	29-Jun-16	10-Nov-16	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Bent Caps for 38&gt;20</span> </div>											
RW2P1-SEB3-1	BW8, Phase 1 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for 38>20	9	09-Nov-16	28-Nov-16	47	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets</span> </div>											
RW2P1-SEB3	BW8, Phase 1 SE, Connector B, Cure Last Bent Cap for 38>20	14	11-Nov-16	24-Nov-16	94	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector B, Cure Last Bent Cap for 38&gt;20</span> </div>											
<b>Connector F (Col 5&gt;9)</b>																	
RW2P1-SEF1	BW8, Phase 1 SE, Connector F, Shafts for 5>9	13	23-Sep-16	18-Oct-16	55	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector F, Shafts for 5&gt;9</span> </div>											
RW2P1-SEF1	BW8, Phase 1 SE, Connector F, Footings for 5>9	20	14-Oct-16	17-Nov-16	45	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector F, Footings for 5&gt;9</span> </div>											
RW2P1-SEF1	BW8, Phase 1 SE, Connector F, Columns for 5>9	22	01-Dec-16	13-Jan-17	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector F, Columns for 5&gt;9</span> </div>											
RW2P1-SEF1	BW8, Phase 1 SE, Connector F, Bent Caps for 5>9	20	16-Dec-16	25-Jan-17	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector F, Bent Caps for 5&gt;9</span> </div>											
RW2P1-SEF1	BW8, Phase 1 SE, Connector F, Cure Last Bent Cap Caps for 5>9	14	26-Jan-17	08-Feb-17	52	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector F, Cure Last Bent Cap Caps for 5&gt;9</span> </div>											
RW2P1-SEF1-1	BW8, Phase 1 SE, Connector F, Set Girders/Precast Panels/O'hang Brackets for 5>9	8	27-Jan-17	10-Feb-17	28	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector F, Set Girders/Precast Panels/O'hang Brackets</span> </div>											
<b>Connector E (Col 10&gt;B20)</b>																	
RW2P1-SEE2	BW8, Phase 1 SE, Connector E, Shafts for 10>B20	8	09-Sep-16	21-Sep-16	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector E, Shafts for 10&gt;B20</span> </div>											
		8	28-Sep-16	13-Oct-16	37	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector E, Footings for 10&gt;B20</span> </div>											
		16	31-Oct-16	30-Nov-16	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector E, Columns for 10&gt;B20</span> </div>											
		16	14-Nov-16	14-Dec-16	26	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector E, Bent Caps for 10&gt;B20</span> </div>											
		14	15-Dec-16	28-Dec-16	109	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector E, Cure Last Bent Cap Caps for 10&gt;B20</span> </div>											
RW2P1-SEE2-1	BW8, Phase 1 SE, Connector E, Set Girders/Precast Panels/O'hang Brackets for 10>B20	7	13-Feb-17	24-Feb-17	28	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SE, Connector E, Set Girders/Precast Panels/O'hang Brackets</span> </div>											
<b>Connector C (Ab 1&gt;15)</b>																	
RW2P1-SWC	BW8, Phase 1 SW, Connector C, Footings for Ab 1>15	68	25-Mar-16	29-Jul-16	73	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector C, Footings for Ab 1&gt;15</span> </div>											
RW2P1-SWC	BW8, Phase 1 SW, Connector C, Shafts for Ab 1>15	50	14-Apr-16	18-Jul-16	73	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector C, Shafts for Ab 1&gt;15</span> </div>											
RW2P1-SWC	BW8, Phase 1 SW, Connector C, Columns for Ab 1>15	30	17-Jun-16	11-Aug-16	73	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector C, Columns for Ab 1&gt;15</span> </div>											
RW2P1-SWC	BW8, Phase 1 SW, Connector C, Bent Caps for Ab 1>15	60	07-Jul-16	21-Oct-16	73	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector C, Bent Caps for Ab 1&gt;15</span> </div>											
RW2P1-SWC	BW8, Phase 1 SW, Connector C, Cure Last Bent Cap for Ab 1>15	14	24-Oct-16	16-Nov-16	81	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector C, Cure Last Bent Cap for Ab 1&gt;15</span> </div>											
RW2P1-SWC2	BW8, Phase 1 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets for Ab 1>15	18	01-Nov-16	18-Nov-16	159	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets</span> </div>											
<b>Connector G (5&gt;7)</b>																	
RW2P1-SWG	BW8, Phase 1 SW, Connector G, Shafts for 5>7	8	20-Jul-16	01-Aug-16	107	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector G, Shafts for 5&gt;7</span> </div>											
RW2P1-SWG	BW8, Phase 1 SW, Connector G, Footings for 5>7	12	01-Aug-16	19-Aug-16	103	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector G, Footings for 5&gt;7</span> </div>											
RW2P1-SWG	BW8, Phase 1 SW, Connector G, Columns for 5>7	9	12-Aug-16	26-Aug-16	103	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector G, Columns for 5&gt;7</span> </div>											
RW2P1-SWG	BW8, Phase 1 SW, Connector G, Bent Caps for 5>7	12	24-Oct-16	10-Nov-16	73	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 1 SW, Connector G, Bent Caps for 5&gt;7</span> </div>											





Activity ID		Activity Name		OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
								J				J				J				J				J				J				J				J																															
RW2P1-SWG1-						24-Nov-16	261																									■ BW8, Phase 1 SW, Connector G, Cure Last Bent Cap Caps for 5>7																																			
				13	21-Nov-16	16-Dec-16	127																									■ BW8, Phase 1 SW, Connector G, Set Girders/Precast Panels/O'hang Brackets																																			
<b>Connector G (Col 11&gt;D21)</b>																																																																			
RW2P1-SWG:		BW8, Phase 1 SW, Connector G, Shafts for 11>D21		3	02-Aug-16	05-Aug-16	113																																																												
RW2P1-SWG:		BW8, Phase 1 SW, Connector G, Footings for 11>D21		4	22-Aug-16	26-Aug-16	108																																																												
RW2P1-SWG:		BW8, Phase 1 SW, Connector G, Columns for 11>D21		3	01-Sep-16	06-Sep-16	110																																																												
RW2P1-SWG:		BW8, Phase 1 SW, Connector G, Bent Caps for 11>D21		10	14-Nov-16	01-Dec-16	73																																																												
RW2P1-SWG2-		BW8, Phase 1 SW, Connector G, Cure Last Bent Cap Caps for 11>D21		14	02-Dec-16	15-Dec-16	242																																																												
RW2P1-SWG2-		BW8, Phase 1 SW, Connector G, Set Girders/Precast Panels/O'hang Brackets for 11>D21		6	19-Dec-16	28-Dec-16	127																									■ BW8, Phase 1 SW, Connector G, Set Girders/Precast Panels/O'hang Brackets																																			
<b>Connector C (Col 31&gt;38)</b>																																																																			
RW2P1-SWC:		BW8, Phase 1 SW, Connector C, Shafts for 17>29		37	08-Aug-16	11-Oct-16	113																									■ BW8, Phase 1 SW, Connector C, Shafts for 17>29																																			
RW2P1-SWC:		BW8, Phase 1 SW, Connector C, Footings for 17>29		60	29-Aug-16	16-Dec-16	108																									■ BW8, Phase 1 SW, Connector C, Footings for 17>29																																			
RW2P1-SWC:		BW8, Phase 1 SW, Connector C, Columns for 17>29		45	08-Sep-16	30-Nov-16	112																									■ BW8, Phase 1 SW, Connector C, Columns for 17>29																																			
RW2P1-SWC:		BW8, Phase 1 SW, Connector C, Bent Caps for 17>29		56	02-Dec-16	23-Mar-17	73																									■ BW8, Phase 1 SW, Connector C, Bent Caps for 17>29																																			
RW2P1-SWC3-		BW8, Phase 1 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets for 17>29		15	15-Mar-17	10-Apr-17	96																									■ BW8, Phase 1 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets																																			
RW2P1-SWC:		BW8, Phase 1 SW, Connector C, Cure Last Bent Cap for 17>29		14	24-Mar-17	06-Apr-17	177																									■ BW8, Phase 1 SW, Connector C, Cure Last Bent Cap for 17>29																																			
<b>Connector C (Col 31&gt;38)</b>																																																																			
RW2P1-SWC:		BW8, Phase 1 SW, Connector C, Shafts for 31>38		20	13-Oct-16	16-Nov-16	136																									■ BW8, Phase 1 SW, Connector C, Shafts for 31>38																																			
				32	19-Dec-16	21-Feb-17	108																									■ BW8, Phase 1 SW, Connector C, Footings for 31>38																																			
				36	30-Dec-16	13-Mar-17	108																									■ BW8, Phase 1 SW, Connector C, Columns for 31>38																																			
				32	24-Mar-17	22-May-17	73																									■ BW8, Phase 1 SW, Connector C, Bent Caps for 31>38																																			
				10	23-May-17	07-Jun-17	111																									■ BW8, Phase 1 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets																																			
RW2P1-SWC1-		BW8, Phase 1 SW, Connector C, Cure Last Bent Cap Caps for 31>38		14	23-May-17	05-Jun-17	209																									■ BW8, Phase 1 SW, Connector C, Cure Last Bent Cap Caps for 31>38																																			
<b>Connector D (34&gt;Ab50)</b>																																																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Shafts for 34>Ab50		50	30-Mar-16	30-Jun-16	109																									■ BW8, Phase 1 NW, Connector D, Shafts for 34>Ab50																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Footings for 34>Ab50		68	12-Apr-16	16-Aug-16	109																									■ BW8, Phase 1 NW, Connector D, Footings for 34>Ab50																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Columns for 34>Ab50		30	07-Jul-16	29-Aug-16	109																									■ BW8, Phase 1 NW, Connector D, Columns for 34>Ab50																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Bent Caps for 34>Ab50		64	27-Jul-16	16-Nov-16	109																									■ BW8, Phase 1 NW, Connector D, Bent Caps for 34>Ab50																																			
RW2P1-NWD3-		BW8, Phase 1 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for 34>Ab50		18	31-Oct-16	02-Dec-16	109																									■ BW8, Phase 1 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets																																			
RW2P1-NWD3-		BW8, Phase 1 NW, Connector D, Cure Last Bent Cap for 34>Ab50		14	17-Nov-16	30-Nov-16	210																									■ BW8, Phase 1 NW, Connector D, Cure Last Bent Cap for 34>Ab50																																			
<b>Connector H (5&gt;9)</b>																																																																			
RW2P1-NWH:		BW8, Phase 1 NW, Connector H, Shafts for 5>9		13	01-Jul-16	27-Jul-16	189																									■ BW8, Phase 1 NW, Connector H, Shafts for 5>9																																			
RW2P1-NWH:		BW8, Phase 1 NW, Connector H, Footings for 5>9		20	18-Aug-16	16-Sep-16	220																									■ BW8, Phase 1 NW, Connector H, Footings for 5>9																																			
RW2P1-NWH:		BW8, Phase 1 NW, Connector H, Columns for 5>9		22	30-Aug-16	07-Oct-16	220																									■ BW8, Phase 1 NW, Connector H, Columns for 5>9																																			
RW2P1-NWH:		BW8, Phase 1 NW, Connector H, Bent Caps for 5>9		20	17-Nov-16	27-Dec-16	186																									■ BW8, Phase 1 NW, Connector H, Bent Caps for 5>9																																			
RW2P1-NWH1-		BW8, Phase 1 NW, Connector H, Set Girders/Precast Panels/O'hang Brackets for 5>9		8	28-Dec-16	13-Jan-17	186																									■ BW8, Phase 1 NW, Connector H, Set Girders/Precast Panels/O'hang Brackets																																			



Activity ID		Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
							J												J												J												A												J											
RW2P1-NWH		BW8, Phase 1 NW, Connector H, Cure Last Bent Cap for 5>9	14	28-Dec-16	10-Jan-17	349																									■ BW8, Phase 1 NW, Connector H, Cure Last Bent Cap for 5>9																																			
<b>Connector D (21&gt;32)</b>																																																																		
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Shafts for 21>32	35	30-Mar-16	01-Jun-16	83																									■ BW8, Phase 1 NW, Connector D, Shafts for 21>32																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Footings for 21>32	52	12-Apr-16	20-Jul-16	83																									■ BW8, Phase 1 NW, Connector D, Footings for 21>32																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Columns for 21>32	23	20-Jun-16	01-Aug-16	83																									■ BW8, Phase 1 NW, Connector D, Columns for 21>32																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Bent Caps for 21>32	48	08-Jul-16	30-Sep-16	83																									■ BW8, Phase 1 NW, Connector D, Bent Caps for 21>32																																			
RW2P1-NWD2:		BW8, Phase 1 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for 21>32	15	15-Sep-16	17-Oct-16	87																									■ BW8, Phase 1 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets fo																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Cure Last Bent Cap for 21>32	14	01-Oct-16	14-Oct-16	165																									■ BW8, Phase 1 NW, Connector D, Cure Last Bent Cap for 21>32																																			
<b>Connector D (Col 10&gt;18)</b>																																																																		
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Shafts for 10>18	30	02-Jun-16	29-Jul-16	181																									■ BW8, Phase 1 NW, Connector D, Shafts for 10>18																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Footings for 10>18	48	22-Jul-16	13-Oct-16	146																									■ BW8, Phase 1 NW, Connector D, Footings for 10>18																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Columns for 10>18	20	16-Sep-16	25-Oct-16	146																									■ BW8, Phase 1 NW, Connector D, Columns for 10>18																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Bent Caps for 10>18	48	10-Oct-16	06-Jan-17	146																									■ BW8, Phase 1 NW, Connector D, Bent Caps for 10>18																																			
RW2P1-NWD1:		BW8, Phase 1 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for 10>18	10	30-Dec-16	24-Jan-17	150																									■ BW8, Phase 1 NW, Connector D, Set Girders/Precast Panels/O'hang Brac																																			
RW2P1-NWD:		BW8, Phase 1 NW, Connector D, Cure Last Bent Cap for 10>18	14	07-Jan-17	20-Jan-17	276																									■ BW8, Phase 1 NW, Connector D, Cure Last Bent Cap for 10>18																																			
<b>Group 3</b>																																																																		
<b>Roadways</b>																																																																		
<b>Median-NB</b>																																																																		
			2	01-Jun-16	01-Apr-16	80																									■ RW2, Phase 1, SH 288 Median, Clear & Grubb/Topsoil Removal																																			
			48	01-Jun-16	02-Jun-16	75																									■ RW2, Phase 1, SH 288 Median, Excavation (to fill)																																			
			48	01-Jun-16	29-Aug-16	40																									■ RW2, Phase 1, SH 288 Median, Fill (from borrow)																																			
			48	03-Jun-16	31-Aug-16	75																									■ RW2, Phase 1, SH 288 Median, LTB																																			
			6	26-Aug-16	02-Sep-16	75																									■ RW2, Phase 1, SH 288 Median, Drainage Rough In																																			
			6	26-Aug-16	02-Sep-16	75																									■ RW2, Phase 1, SH 288 Median, IT Rough in																																			
			6	01-Sep-16	09-Sep-16	75																									■ RW2, Phase 1, SH 288 Median, NB CSB																																			
			6	06-Sep-16	13-Sep-16	75																									■ RW2, Phase 1, SH 288 Median, NB AC Bond Breaker																																			
			6	08-Sep-16	15-Sep-16	75																									■ RW2, Phase 1, SH 288 Median, NB Form Blockouts for Drainage/IT																																			
			8	11-Jan-17	26-Jan-17	10																									■ RW2, Phase 1, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft																																			
			7	27-Jan-17	02-Feb-17	21																									■ RW2, Phase 1, SH 288 Median, NB, Cure Last PCC Pavement																																			
<b>Median-SB</b>																																																																		
RW2P1-MSB-CB		RW2, Phase 1, SH 288 Median, SB CSB	6	03-Feb-17	15-Feb-17	10																									■ RW2, Phase 1, SH 288 Median, SB CSB																																			
RW2P1-MSB-PV		RW2, Phase 1, SH 288 Median, SB AC Bond Breaker	6	08-Feb-17	21-Feb-17	10																									■ RW2, Phase 1, SH 288 Median, SB AC Bond Breaker																																			
RW2P1-MSB-PV		RW2, Phase 1, SH 288 Median, SB Form Blockouts for Drainage/IT	6	13-Feb-17	23-Feb-17	10																									■ RW2, Phase 1, SH 288 Median, SB Form Blockouts for Drainage/IT																																			
RW2P1-MSB-PV		RW2, Phase 1, SH 288 Median, SB PCC Reinforcement & Paving	8	17-Feb-17	01-Mar-17	10																									■ RW2, Phase 1, SH 288 Median, SB PCC Reinforcement & Paving																																			
RW2P1-MSB-PV		RW2, Phase 1, SH 288 Median, SB, Cure Last PCC Pavement	7	02-Mar-17	08-Mar-17	82																									■ RW2, Phase 1, SH 288 Median, SB, Cure Last PCC Pavement																																			
RW2P1-MSB-PV-1		RW2, Phase 1, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back	11	10-Mar-17	28-Mar-17	44																									■ RW2, Phase 1, SH 288 Median, Drainage/IT, Raise to Grade & Pour B																																			
RW2P1-MSB-PB		RW2, Phase 1, SH 288 Median, Permanent Barriers	13	15-Mar-17	03-Apr-17	44																									■ RW2, Phase 1, SH 288 Median, Permanent Barriers																																			
RW2P1-MSB-PS		RW2, Phase 1, SH 288 Median, F/R/P Major Sign Foundations	6	15-Mar-17	23-Mar-17	44																									■ RW2, Phase 1, SH 288 Median, F/R/P Major Sign Foundations																																			
RW2P1-MSB-PB		RW2, Phase 1, SH 288, Erect all Signs	12	23-Mar-17	12-Apr-17	44																									■ RW2, Phase 1, SH 288, Erect all Signs																																			
RW2P1-MSB-PB		RW2, Phase 1, SH 288 Median, Striping on Toll Road	6	31-May-17	09-Jun-17	14																									■ RW2, Phase 1, SH 288 Median, Striping on Toll Road																																			
RW2P1-MSB-TC		RW2, Phase 1, SH 288, Move Traffic to Median	0	19-Jun-17	19-Jun-17	10																									◆ RW2, Phase 1, SH 288, Move Traffic to Median																																			
<b>Phase 2</b>																																																																		
RW2P2--START		BW8, SB, Phase 2, Start Work	0	20-Jun-17		13																																																	◆ BW8, SB, Phase 2, Start Work											



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015			2016			2017			2018		
<b>Removals</b>																	
<b>Retaining Walls</b>																	
<b>Retaining Walls-1</b>																	
				07-Sep-17	18	■ BW8, Phase 1, BW8 Connector A MSE wall											
		38	08-Sep-17	13-Nov-17	18	■ BW8, Phase 1, BW8 Connector B MSE wall											
		36	15-Nov-17	26-Jan-18	18	■ BW8, Phase 1, BW8 Connector C MSE wall											
		30	29-Jan-18	26-Mar-18	18	■ BW8, Phase 1, BW8 Connector D MSE wall											
<b>Connectors</b>																	
<b>North East</b>																	
<b>Connector A (Col 23&gt;26)</b>																	
RW2P2-NEA4	BW8, Phase 2 NE, Connector A, Shafts for 23>26	5	21-Jun-17	28-Jun-17	26	■ BW8, Phase 2 NE, Connector A, Shafts for 23>26											
RW2P2-NEA4	BW8, Phase 2 NE, Connector A, Footings for 23>26	8	29-Jun-17	14-Jul-17	37	■ BW8, Phase 2 NE, Connector A, Footings for 23>26											
RW2P2-NEA4	BW8, Phase 2 NE, Connector A, Columns for 23>26	5	17-Jul-17	25-Jul-17	37	■ BW8, Phase 2 NE, Connector A, Columns for 23>26											
RW2P2-NEA4	BW8, Phase 2 NE, Connector A, Bent Caps for 23>26	8	28-Jul-17	08-Aug-17	82	■ BW8, Phase 2 NE, Connector A, Bent Caps for 23>26											
RW2P2-NEA4	BW8, Phase 2 NE, Connector A, Cure Last Bent Cap for 23>26	14	10-Aug-17	01-Sep-17	82	■ BW8, Phase 2 NE, Connector A, Cure Last Bent Cap for 23>26											
RW2P2-NEA4-1	BW8, Phase 2 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 23>26	8	24-Aug-17	07-Sep-17	82	■ BW8, Phase 2 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 23>26											
<b>Connector A (Col 43&gt;45)</b>																	
RW2P2-NEA5	BW8, Phase 2 NE, Connector A, Shafts for 43>45	5	29-Jun-17	07-Jul-17	26	■ BW8, Phase 2 NE, Connector A, Shafts for 43>45											
RW2P2-NEA5	BW8, Phase 2 NE, Connector A, Footings for 43>45	8	10-Jul-17	25-Jul-17	37	■ BW8, Phase 2 NE, Connector A, Footings for 43>45											
RW2P2-NEA5	BW8, Phase 2 NE, Connector A, Columns for 43>45	9	26-Jul-17	07-Aug-17	37	■ BW8, Phase 2 NE, Connector A, Columns for 43>45											
RW2P2-NEA5	BW8, Phase 2 NE, Connector A, Bent Caps for 43>45	16	08-Aug-17	05-Sep-17	79	■ BW8, Phase 2 NE, Connector A, Bent Caps for 43>45											
RW2P2-NEA5	BW8, Phase 2 NE, Connector A, Cure Last Bent Cap for 43>45	14	07-Sep-17	29-Sep-17	79	■ BW8, Phase 2 NE, Connector A, Cure Last Bent Cap for 43>45											
RW2P2-NEA5-1	BW8, Phase 2 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 43>45	7	22-Sep-17	04-Oct-17	79	■ BW8, Phase 2 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 43>45											
<b>Connector A (Col 53&gt;Ab67)</b>																	
RW2P2-NEA6	BW8, Phase 2 NE, Connector A, Shafts for 53>Ab67	35	10-Jul-17	08-Sep-17	26	■ BW8, Phase 2 NE, Connector A, Shafts for 53>Ab67											
RW2P2-NEA6	BW8, Phase 2 NE, Connector A, Footings for 53>Ab67	56	28-Jul-17	01-Nov-17	26	■ BW8, Phase 2 NE, Connector A, Footings for 53>Ab67											
RW2P2-NEA6	BW8, Phase 2 NE, Connector A, Columns for 53>Ab67	45	28-Aug-17	15-Nov-17	26	■ BW8, Phase 2 NE, Connector A, Columns for 53>Ab67											
RW2P2-NEA6	BW8, Phase 2 NE, Connector A, Bent Caps for 53>Ab67	56	15-Sep-17	28-Dec-17	26	■ BW8, Phase 2 NE, Connector A, Bent Caps for 53>Ab67											
RW2P2-NEA6-1	BW8, Phase 2 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 53>Ab67	16	29-Dec-17	30-Jan-18	26	■ BW8, Phase 2 NE, Connector A, Set Girders/Precast Panels/O'hang Brackets for 53>Ab67											
RW2P2-NEA6	BW8, Phase 2 NE, Connector A, Cure Last Bent Cap for 53>Ab67	14	29-Dec-17	26-Jan-18	26	■ BW8, Phase 2 NE, Connector A, Cure Last Bent Cap for 53>Ab67											
<b>Connector E (Col D8&gt;5)</b>																	
RW2P2-NEE3	BW8, Phase 2 NE, Connector E, Shafts for D8>5	10	11-Sep-17	26-Sep-17	89	■ BW8, Phase 2 NE, Connector E, Shafts for D8>5											
RW2P2-NEE3	BW8, Phase 2 NE, Connector E, Footings for D8>5	12	18-Sep-17	09-Oct-17	89	■ BW8, Phase 2 NE, Connector E, Footings for D8>5											
RW2P2-NEE3	BW8, Phase 2 NE, Connector E, Columns for D8>5	12	16-Nov-17	11-Dec-17	67	■ BW8, Phase 2 NE, Connector E, Columns for D8>5											
RW2P2-NEE3	BW8, Phase 2 NE, Connector E, Bent Caps for D8>5	12	29-Dec-17	24-Jan-18	58	■ BW8, Phase 2 NE, Connector E, Bent Caps for D8>5											
RW2P2-NEE3	BW8, Phase 2 NE, Connector E, Cure Last Bent Cap for D8>5	14	25-Jan-18	21-Feb-18	58	■ BW8, Phase 2 NE, Connector E, Cure Last Bent Cap for D8>5											
RW2P2-NEE3-1	BW8, Phase 2 NE, Connector E, Set Girders/Precast Panels/O'hang Brackets for D8>5	25	29-Jan-18	19-Mar-18	58	■ BW8, Phase 2 NE, Connector E, Set Girders/Precast Panels/O'hang Brackets for D8>5											
<b>Connector E (Col 7&gt;10)</b>																	
RW2P2-NEE4	BW8, Phase 2 NE, Connector E, Shafts for 7>10	5	28-Sep-17	06-Oct-17	117	■ BW8, Phase 2 NE, Connector E, Shafts for 7>10											
RW2P2-NEE4	BW8, Phase 2 NE, Connector E, Footings for 7>10	8	09-Oct-17	20-Oct-17	117	■ BW8, Phase 2 NE, Connector E, Footings for 7>10											
RW2P2-NEE4	BW8, Phase 2 NE, Connector E, Columns for 7>10	6	13-Dec-17	22-Dec-17	90	■ BW8, Phase 2 NE, Connector E, Columns for 7>10											
RW2P2-NEE4	BW8, Phase 2 NE, Connector E, Bent Caps for 7>10	8	25-Jan-18	07-Feb-18	75	■ BW8, Phase 2 NE, Connector E, Bent Caps for 7>10											
RW2P2-NEE4	BW8, Phase 2 NE, Connector E, Cure Last Bent Cap for 7>10	14	09-Feb-18	07-Mar-18	75	■ BW8, Phase 2 NE, Connector E, Cure Last Bent Cap for 7>10											



Activity ID		Activity Name		OD	Start	Finish	Total Float	WBS													
								2015			2016			2017			2018			2019	
RW2P2-NEE4-1		BW8, Phase 2 NE, Connector E, Set Girders/Precast Panels/O'hang Brackets for 7>10		20	20-Mar-18	23-Apr-18	58	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 NE, Connector E, Set Girders/Precast Panels/O'hang Brackets for 7&gt;10</span> </div>													
<b>South East</b>																					
<b>Connector B (Col 38&gt;42)</b>																					
RW2P2-SEB6	BW8, Phase 2 SE, Connector B, Shafts for 38>42		13	21-Jun-17	14-Jul-17	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Shafts for 38&gt;42</span> </div>														
RW2P2-SEB6	BW8, Phase 2 SE, Connector B, Footings for 38>42		12	05-Jul-17	27-Jul-17	86	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Footings for 38&gt;42</span> </div>														
RW2P2-SEB6	BW8, Phase 2 SE, Connector B, Columns for 38>42		8	27-Jul-17	07-Aug-17	86	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Columns for 38&gt;42</span> </div>														
RW2P2-SEB6	BW8, Phase 2 SE, Connector B, Bent Caps for 38>42		12	08-Aug-17	28-Aug-17	86	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Bent Caps for 38&gt;42</span> </div>														
RW2P2-SEB6	BW8, Phase 2 SE, Connector B, Cure Last Bent Cap for 38>42		14	29-Aug-17	22-Sep-17	86	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Cure Last Bent Cap for 38&gt;42</span> </div>														
RW2P2-SEB6-1	BW8, Phase 2 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for 38>42		9	12-Sep-17	26-Sep-17	86	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for 38&gt;42</span> </div>														
<b>Connector B (Col 18&gt;20)</b>																					
RW2P2-SEB5	BW8, Phase 2 SE, Connector B, Shafts for 18>20		5	17-Jul-17	25-Jul-17	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Shafts for 18&gt;20</span> </div>														
RW2P2-SEB5	BW8, Phase 2 SE, Connector B, Footings for 18>20		8	26-Jul-17	04-Aug-17	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Footings for 18&gt;20</span> </div>														
RW2P2-SEB5	BW8, Phase 2 SE, Connector B, Columns for 18>20		6	07-Aug-17	15-Aug-17	97	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Columns for 18&gt;20</span> </div>														
RW2P2-SEB5	BW8, Phase 2 SE, Connector B, Bent Caps for 18>20		8	29-Aug-17	12-Sep-17	90	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Bent Caps for 18&gt;20</span> </div>														
RW2P2-SEB5	BW8, Phase 2 SE, Connector B, Cure Last Bent Cap for 18>20		14	14-Sep-17	09-Oct-17	90	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Cure Last Bent Cap for 18&gt;20</span> </div>														
RW2P2-SEB5-1	BW8, Phase 2 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for 18>20		7	29-Sep-17	13-Oct-17	90	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for 18&gt;20</span> </div>														
<b>Connector B (Col Ab1&gt;9)</b>																					
RW2P2-SEB4	BW8, Phase 2 SE, Connector B, Shafts for Ab 1>9		23	26-Jul-17	31-Aug-17	47	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Shafts for Ab 1&gt;9</span> </div>														
RW2P2-SEB4	BW8, Phase 2 SE, Connector B, Footings for Ab 1>9		32	07-Aug-17	02-Oct-17	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Footings for Ab 1&gt;9</span> </div>														
RW2P2-SEB4	BW8, Phase 2 SE, Connector B, Columns for Ab 1>9		14	21-Sep-17	17-Oct-17	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Columns for Ab 1&gt;9</span> </div>														
RW2P2-SEB4	BW8, Phase 2 SE, Connector B, Bent Caps for Ab 1>9		32	11-Oct-17	06-Dec-17	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Bent Caps for Ab 1&gt;9</span> </div>														
RW2P2-SEB4	BW8, Phase 2 SE, Connector B, Cure Last Bent Cap for Ab 1>9		14	08-Dec-17	03-Jan-18	52	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Cure Last Bent Cap for Ab 1&gt;9</span> </div>														
RW2P2-SEB4-1	BW8, Phase 2 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for Ab 1>9		12	18-Dec-17	08-Jan-18	52	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector B, Set Girders/Precast Panels/O'hang Brackets for Ab 1&gt;9</span> </div>														
<b>Connector F (Col A42&gt;5)</b>																					
					15-Sep-17	72	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Shafts for A42&gt;5</span> </div>														
			12	04-Oct-17	24-Oct-17	58	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Footings for A42&gt;5</span> </div>														
			18	18-Oct-17	15-Nov-17	58	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Columns for A42&gt;5</span> </div>														
			24	08-Dec-17	25-Jan-18	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Bent Caps for A42&gt;5</span> </div>														
			14	26-Jan-18	22-Feb-18	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Cure Last Bent Cap for A42&gt;5</span> </div>														
			25	30-Jan-18	20-Mar-18	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Set Girders/Precast Panels/O'hang Brackets for A42&gt;5</span> </div>														
<b>Connector F (Col 9&gt;C43)</b>																					
RW2P2-SEF3	BW8, Phase 2 SE, Connector F, Shafts for 9>C43		8	18-Sep-17	29-Sep-17	97	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Shafts for 9&gt;C43</span> </div>														
RW2P2-SEF3	BW8, Phase 2 SE, Connector F, Footings for 9>C43		12	25-Oct-17	13-Nov-17	79	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Footings for 9&gt;C43</span> </div>														
RW2P2-SEF3	BW8, Phase 2 SE, Connector F, Columns for 9>C43		9	15-Nov-17	01-Dec-17	79	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Columns for 9&gt;C43</span> </div>														
RW2P2-SEF3	BW8, Phase 2 SE, Connector F, Bent Caps for 9>C43		12	26-Jan-18	20-Feb-18	53	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Bent Caps for 9&gt;C43</span> </div>														
RW2P2-SEF3-1	BW8, Phase 2 SE, Connector F, Cure Last Bent Cap Caps for 9>C43		14	21-Feb-18	19-Mar-18	53	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Cure Last Bent Cap Caps for 9&gt;C43</span> </div>														
RW2P2-SEF3-1	BW8, Phase 2 SE, Connector F, Set Girders/Precast Panels/O'hang Brackets for 9>C43		25	21-Mar-18	02-May-18	40	<div style="display: flex; justify-content: space-between;"> <span>■ BW8, Phase 2 SE, Connector F, Set Girders/Precast Panels/O'hang Brackets for 9&gt;C43</span> </div>														
<b>South West</b>																					
<b>Connector C (Col 15&gt;17)</b>																					



### SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J				J				J				A				J				J				J				J				J				J																							
RW2P2-SWC6				28-Jun-17	28																																																		BW8, Phase 2 SW, Connector C, Shafts for 15>17										
		16	29-Jun-17	28-Jul-17	28																																																		BW8, Phase 2 SW, Connector C, Footings for 15>17										
		3	31-Jul-17	02-Aug-17	34																																																		BW8, Phase 2 SW, Connector C, Columns for 15>17										
		8	03-Aug-17	15-Aug-17	34																																																		BW8, Phase 2 SW, Connector C, Bent Caps for 15>17										
		14	17-Aug-17	11-Sep-17	54																																																		BW8, Phase 2 SW, Connector C, Cure Last Bent Cap for										
		7	01-Sep-17	14-Sep-17	54																																																		BW8, Phase 2 SW, Connector C, Set Girders/Precast Pa										
<b>Connector C (Col 29&gt;31)</b>																																																																	
RW2P2-SWC6	BW8, Phase 2 SW, Connector C, Shafts for 29>31	4	21-Jul-17	26-Jul-17	46																																																		BW8, Phase 2 SW, Connector C, Shafts for 29>31										
RW2P2-SWC6	BW8, Phase 2 SW, Connector C, Footings for 29>31	4	18-Aug-17	24-Aug-17	32																																																		BW8, Phase 2 SW, Connector C, Footings for 29>31										
RW2P2-SWC6	BW8, Phase 2 SW, Connector C, Columns for 29>31	3	25-Aug-17	29-Aug-17	38																																																		BW8, Phase 2 SW, Connector C, Columns for 29>31										
RW2P2-SWC6	BW8, Phase 2 SW, Connector C, Bent Caps for 29>31	8	19-Sep-17	02-Oct-17	28																																																		BW8, Phase 2 SW, Connector C, Bent Caps for 29>31										
RW2P2-SWC6	BW8, Phase 2 SW, Connector C, Cure Last Bent Cap for 29>31	14	04-Oct-17	26-Oct-17	60																																																		BW8, Phase 2 SW, Connector C, Cure Last Bent Cap										
RW2P2-SWC6	BW8, Phase 2 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets for 29>31	7	03-Nov-17	16-Nov-17	50																																																		BW8, Phase 2 SW, Connector C, Set Girders/Precas										
<b>Connector C (Col 38&gt;Ab50)</b>																																																																	
RW2P2-SWC4	BW8, Phase 2 SW, Connector C, Shafts for 38>Ab50	33	27-Jul-17	21-Sep-17	58																																																		BW8, Phase 2 SW, Connector C, Shafts for 38>Ab50										
RW2P2-SWC4	BW8, Phase 2 SW, Connector C, Footings for 38>Ab50	48	25-Aug-17	17-Nov-17	32																																																		BW8, Phase 2 SW, Connector C, Footings for 38>Ab										
RW2P2-SWC4	BW8, Phase 2 SW, Connector C, Columns for 38>Ab50	39	25-Sep-17	04-Dec-17	32																																																		BW8, Phase 2 SW, Connector C, Columns for 38>A										
RW2P2-SWC4	BW8, Phase 2 SW, Connector C, Bent Caps for 38>Ab50	48	04-Oct-17	02-Jan-18	28																																																		BW8, Phase 2 SW, Connector C, Bent Caps for 3										
RW2P2-SWC4	BW8, Phase 2 SW, Connector C, Set Girders/Precast Panels/O'hang Brackets for 38>Ab50	21	26-Dec-17	02-Feb-18	28																																																		BW8, Phase 2 SW, Connector C, Set Girders/P										
RW2P2-SWC4	BW8, Phase 2 SW, Connector C, Cure Last Bent Cap for 38>Ab50	14	03-Jan-18	30-Jan-18	28																																																		BW8, Phase 2 SW, Connector C, Cure Last Ber										
<b>Connector G (Col B6&gt;5)</b>																																																																	
RW2P2-SWG3	BW8, Phase 2 SW, Connector G, Shafts for B6>5	10	29-Jun-17	19-Jul-17	39																																																		BW8, Phase 2 SW, Connector G, Shafts for B6>5										
RW2P2-SWG3	BW8, Phase 2 SW, Connector G, Footings for B6>5	12	31-Jul-17	17-Aug-17	28																																																		BW8, Phase 2 SW, Connector G, Footings for B6>5										
RW2P2-SWG3	BW8, Phase 2 SW, Connector G, Columns for B6>5	6	10-Aug-17	18-Aug-17	28																																																		BW8, Phase 2 SW, Connector G, Columns for B6>5										
RW2P2-SWG3	BW8, Phase 2 SW, Connector G, Bent Caps for B6>5	12	28-Aug-17	18-Sep-17	28																																																		BW8, Phase 2 SW, Connector G, Bent Caps for B6>5										
RW2P2-SWG3	BW8, Phase 2 SW, Connector G, Cure Last Bent Cap Caps for B6>5	14	19-Sep-17	16-Oct-17	50																																																		BW8, Phase 2 SW, Connector G, Cure Last Bent Cap C										
RW2P2-SWG3	BW8, Phase 2 SW, Connector G, Set Girders/Precast Panels/O'hang Brackets for B6>5	25	22-Sep-17	02-Nov-17	50																																																		BW8, Phase 2 SW, Connector G, Set Girders/Precast										
<b>Connector G (Col 7&gt;11)</b>																																																																	
RW2P2-SWG4	BW8, Phase 2 SW, Connector G, Shafts for 7>11	8	22-Sep-17	06-Oct-17	105																																																		BW8, Phase 2 SW, Connector G, Shafts for 7>11										
		12	20-Nov-17	15-Dec-17	75																																																		BW8, Phase 2 SW, Connector G, Footings for 7>11										
		9	18-Dec-17	02-Jan-18	75																																																		BW8, Phase 2 SW, Connector G, Columns for 7>										
		12	03-Jan-18	26-Jan-18	75																																																		BW8, Phase 2 SW, Connector G, Bent Caps for										
		14	29-Jan-18	23-Feb-18	75																																																		BW8, Phase 2 SW, Connector G, Cure Last B										
RW2P2-SWG4	BW8, Phase 2 SW, Connector G, Set Girders/Precast Panels/O'hang Brackets for 7>11	25	05-Feb-18	23-Mar-18	73																																																		BW8, Phase 2 SW, Connector G, Set Girder										
<b>Connector D (Col 32&gt;32)</b>																																																																	
RW2P2-NWD1	BW8, Phase 2 NW, Connector D, Shafts for 32>34	5	21-Jun-17	28-Jun-17	10																																																		BW8, Phase 2 NW, Connector D, Shafts for 32>34										
RW2P2-NWD1	BW8, Phase 2 NW, Connector D, Footings for 32>34	4	29-Jun-17	05-Jul-17	14																																																		BW8, Phase 2 NW, Connector D, Footings for 32>34										
RW2P2-NWD1	BW8, Phase 2 NW, Connector D, Columns for 32>34	3	07-Jul-17	12-Jul-17	110																																																		BW8, Phase 2 NW, Connector D, Columns for 32>34										



Activity ID	Activity Name	OD	Start	Finish	Total Float	WBS																	
						2015			2016			2017			2018			2019					
						J	J	J	J	J	J	J	J	J	J	J	J	J	J	J			
RW2P2-NWD1				27-Jul-17	110																		
		14	28-Jul-17	18-Aug-17	110																		
		14	01-Aug-17	22-Aug-17	110																		
<b>Connector D (Col Ab 1&gt;10)</b>																							
RW2P2-NWD1	BW8, Phase 2 NW, Connector D, Shafts for Ab 1>10	25	17-Jul-17	25-Aug-17	15																		
RW2P2-NWD2	BW8, Phase 2 NW, Connector D, Footings for Ab 1>10	36	04-Aug-17	09-Oct-17	10																		
RW2P2-NWD3	BW8, Phase 2 NW, Connector D, Columns for Ab 1>10	15	25-Sep-17	20-Oct-17	10																		
RW2P2-NWD4	BW8, Phase 2 NW, Connector D, Bent Caps for Ab 1>10	36	16-Oct-17	19-Dec-17	10																		
RW2P2-NWD5	BW8, Phase 2 NW, Connector D, Cure Last Bent Cap for Ab 1>10	14	21-Dec-17	17-Jan-18	51																		
RW2P2-NWD4	BW8, Phase 2 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for Ab 1>10	14	26-Dec-17	23-Jan-18	51																		
<b>Connector D (Col 18&gt;21)</b>																							
RW2P2-NWD1	BW8, Phase 2 NW, Connector D, Shafts for 18>21	8	12-Sep-17	25-Sep-17	54																		
RW2P2-NWD2	BW8, Phase 2 NW, Connector D, Footings for 18>21	8	30-Oct-17	09-Nov-17	35																		
RW2P2-NWD3	BW8, Phase 2 NW, Connector D, Columns for 18>21	9	13-Nov-17	30-Nov-17	35																		
RW2P2-NWD4	BW8, Phase 2 NW, Connector D, Bent Caps for 18>21	8	24-Jan-18	05-Feb-18	10																		
RW2P2-NWD5	BW8, Phase 2 NW, Connector D, Cure Last Bent Cap for 18>21	14	07-Feb-18	05-Mar-18	10																		
RW2P2-NWD5	BW8, Phase 2 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for 18>21	7	07-Mar-18	20-Mar-18	10																		
<b>Connector H (Col 9&gt;A56)</b>																							
RW2P2-NWH1	BW8, Phase 2 NW, Connector H, Shafts for C29>5	8	29-Jun-17	14-Jul-17	10																		
RW2P2-NWH2	BW8, Phase 2 NW, Connector H, Footings for C29>5	12	17-Jul-17	03-Aug-17	10																		
RW2P2-NWH3	BW8, Phase 2 NW, Connector H, Columns for C29>5	9	04-Aug-17	18-Aug-17	54																		
RW2P2-NWH4	BW8, Phase 2 NW, Connector H, Bent Caps for C29>5	16	21-Aug-17	18-Sep-17	54																		
RW2P2-NWH2	BW8, Phase 2 NW, Connector H, Cure Last Bent Cap Caps for C29>5	14	19-Sep-17	16-Oct-17	54																		
RW2P2-NWH2	BW8, Phase 2 NW, Connector H, Set Girders/Precast Panels/O'hang Brackets for C29>5	20	22-Sep-17	26-Oct-17	54																		
<b>Connector H (Col 9&gt;A56)</b>																							
RW2P2-NWH1	BW8, Phase 2 NW, Connector H, Shafts for 9>A56	8	28-Aug-17	11-Sep-17	42																		
		12	11-Oct-17	27-Oct-17	27																		
		9	30-Oct-17	13-Nov-17	27																		
		16	21-Dec-17	23-Jan-18	10																		
		14	24-Jan-18	20-Feb-18	10																		
RW2P2-NWH3	BW8, Phase 2 NW, Connector H, Set Girders/Precast Panels/O'hang Brackets for 9>A56	15	26-Jan-18	23-Feb-18	10																		
<b>Connector A</b>																							
RW2P2-DKA1	BW8, Connector A, Deck Paving, 26>43 (P1)	75	30-Sep-16	23-Feb-17	29																		
RW2P2-DKA2	BW8, Connector A, Deck Paving, Ab 1>23 (P1)	92	15-Mar-17	28-Aug-17	28																		
RW2P2-DKA3	BW8, Connector A, Deck Paving, 53>45 (P1)	36	29-Aug-17	31-Oct-17	28																		
RW2P2-DKA4	BW8, Connector A, Deck Paving, 23>26 (P2)	12	19-Dec-17	10-Jan-18	28																		
RW2P2-DKA5	BW8, Connector A, Deck Paving, 45>43 (P2)	8	12-Jan-18	26-Jan-18	28																		
RW2P2-DKA6	BW8, Connector A, Deck Paving, Ab67>53 (P2)	56	31-Jan-18	17-May-18	26																		
<b>Connector E</b>																							

■ BW8, Phase 2 NW, Connector D, Bent Caps for 32>34  
■ BW8, Phase 2 NW, Connector D, Cure Last Bent Cap for 32>34  
■ BW8, Phase 2 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for 32>34  
  
■ BW8, Phase 2 NW, Connector D, Shafts for Ab 1>10  
■ BW8, Phase 2 NW, Connector D, Footings for Ab 1>10  
■ BW8, Phase 2 NW, Connector D, Columns for Ab 1>10  
■ BW8, Phase 2 NW, Connector D, Bent Caps for Ab 1>10  
■ BW8, Phase 2 NW, Connector D, Cure Last Bent Cap for Ab 1>10  
■ BW8, Phase 2 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for Ab 1>10  
  
■ BW8, Phase 2 NW, Connector D, Shafts for 18>21  
■ BW8, Phase 2 NW, Connector D, Footings for 18>21  
■ BW8, Phase 2 NW, Connector D, Columns for 18>21  
■ BW8, Phase 2 NW, Connector D, Bent Caps for 18>21  
■ BW8, Phase 2 NW, Connector D, Cure Last Bent Cap for 18>21  
■ BW8, Phase 2 NW, Connector D, Set Girders/Precast Panels/O'hang Brackets for 18>21  
  
■ BW8, Phase 2 NW, Connector H, Shafts for C29>5  
■ BW8, Phase 2 NW, Connector H, Footings for C29>5  
■ BW8, Phase 2 NW, Connector H, Columns for C29>5  
■ BW8, Phase 2 NW, Connector H, Bent Caps for C29>5  
■ BW8, Phase 2 NW, Connector H, Cure Last Bent Cap for C29>5  
■ BW8, Phase 2 NW, Connector H, Set Girders/Precast Panels/O'hang Brackets for C29>5  
  
■ BW8, Phase 2 NW, Connector H, Shafts for 9>A56  
■ BW8, Phase 2 NW, Connector H, Footings for 9>A56  
■ BW8, Phase 2 NW, Connector H, Columns for 9>A56  
■ BW8, Phase 2 NW, Connector H, Bent Caps for 9>A56  
■ BW8, Phase 2 NW, Connector H, Cure Last Bent Cap for 9>A56  
■ BW8, Phase 2 NW, Connector H, Set Girders/Precast Panels/O'hang Brackets for 9>A56  
  
■ BW8, Connector A, Deck Paving, 26>43 (P1)  
■ BW8, Connector A, Deck Paving, Ab 1>23 (P1)  
■ BW8, Connector A, Deck Paving, 53>45 (P1)  
■ BW8, Connector A, Deck Paving, 23>26 (P2)  
■ BW8, Connector A, Deck Paving, 45>43 (P2)  
■ BW8, Connector A, Deck Paving, Ab67>53 (P2)

Activity ID	Activity Name	OD	Start	Finish	Total Float	WBS				
						Gantt Chart				
						2015	2016	2017	2018	2019
RW2P2-DKE-	BW8, Connector E, Deck Paving, B20>10 (P1)	8	27-Feb-17	13-Mar-17	28			■	BW8, Connector E, Deck Paving, B20>10 (P1)	
RW2P2-DKE-	BW8, Connector E, Deck Paving, 7>5 (P1)	23	01-Nov-17	18-Dec-17	28			■	BW8, Connector E, Deck Paving, 7>5 (P1)	
RW2P2-DKE-	BW8, Connector E, Deck Paving, 10>7 (P2)	12	18-May-18	06-Jun-18	45			■	BW8, Connector E, Deck Paving, 10>7 (P2)	
RW2P2-DKE-	BW8, Connector E, Deck Paving, 5>D8 (P2)	16	08-Jun-18	06-Jul-18	45			■	BW8, Connector E, Deck Paving, 5>D8 (P2)	
<b>Connector B</b>										
RW2P2-DKB-	BW8, Connector B, Deck Paving, 38>20 (P1)	53	28-Nov-16	13-Mar-17	47			■	BW8, Connector B, Deck Paving, 38>20 (P1)	
RW2P2-DKB-	BW8, Connector B, Deck Paving, ab62>42 (P1)	84	25-Apr-17	25-Sep-17	47			■	BW8, Connector B, Deck Paving, ab62>42 (P1)	
RW2P2-DKB-	BW8, Connector B, Deck Paving, 9>18 (P1)	40	26-Sep-17	08-Dec-17	47			■	BW8, Connector B, Deck Paving, 9>18 (P1)	
RW2P2-DKB-	BW8, Connector B, Deck Paving, 42>38>(P2)	12	11-Dec-17	02-Jan-18	47			■	BW8, Connector B, Deck Paving, 42>38>(P2)	
RW2P2-DKB-	BW8, Connector B, Deck Paving, 18>20 (P2)	8	03-Jan-18	19-Jan-18	47			■	BW8, Connector B, Deck Paving, 18>20 (P2)	
RW2P2-DKB-	BW8, Connector B, Deck Paving, Ab 1>9 (P2)	32	23-Jan-18	22-Mar-18	47			■	BW8, Connector B, Deck Paving, Ab 1>9 (P2)	
<b>Connector G</b>										
RW2P2-DKG-	BW8, Connector G, Deck Paving, 11>D21 (P1)	13	29-Mar-17	21-Apr-17	81			■	BW8, Connector G, Deck Paving, 11>D21 (P1)	
RW2P2-DKG-	BW8, Connector G, Deck Paving, 5>7 (P1)	8	24-Apr-17	05-May-17	81			■	BW8, Connector G, Deck Paving, 5>7 (P1)	
RW2P2-DKG-	BW8, Connector G, Deck Paving, B6>5 (P2)	16	07-May-18	01-Jun-18	34			■	BW8, Connector G, Deck Paving, B6>5 (P2)	
RW2P2-DKG-	BW8, Connector G, Deck Paving, 7>11 (P2)	16	04-Jun-18	03-Jul-18	34			■	BW8, Connector G, Deck Paving, 7>11 (P2)	
<b>Connector C</b>										
RW2P2-DKC-	BW8, Connector C, Deck Paving, Ab 1>15 (P1)	65	21-Nov-16	28-Mar-17	81			■	BW8, Connector C, Deck Paving, Ab 1>15 (P1)	
RW2P2-DKC-	BW8, Connector C, Deck Paving, 17>29 (P1)	48	08-May-17	03-Aug-17	81			■	BW8, Connector C, Deck Paving, 17>29 (P1)	
RW2P2-DKC-	BW8, Connector C, Deck Paving, 39>31 (P1)	28	04-Aug-17	22-Sep-17	81			■	BW8, Connector C, Deck Paving, 39>31 (P1)	
RW2P2-DKC-	BW8, Connector C, Deck Paving, 31>29 (P2)	8	17-Nov-17	04-Dec-17	50			■	BW8, Connector C, Deck Paving, 31>29 (P2)	
RW2P2-DKC-	BW8, Connector C, Deck Paving, 15>17 (P2)	8	06-Dec-17	21-Dec-17	50			■	BW8, Connector C, Deck Paving, 15>17 (P2)	
RW2P2-DKC-	BW8, Connector C, Deck Paving, aB50>39 (P2)	48	05-Feb-18	04-May-18	28			■	BW8, Connector C, Deck Paving, aB50>39 (P2)	
<b>Connector H</b>										
RW2P2-DKH-	BW8, Connector H, Deck Paving, 5>9 (P1)	23	24-Jul-17	28-Aug-17	87			■	BW8, Connector H, Deck Paving, 5>9 (P1)	
RW2P2-DKH-	BW8, Connector H, Deck Paving, C29>5 (P2)	16	27-Oct-17	27-Nov-17	54			■	BW8, Connector H, Deck Paving, C29>5 (P2)	
RW2P2-DKH-	BW8, Connector H, Deck Paving, 9>A56 (P2)	12	26-Feb-18	20-Mar-18	10			■	BW8, Connector H, Deck Paving, 9>A56 (P2)	
<b>Connector D</b>										
				18-Jan-17	87			■	BW8, Connector D, Deck Paving, 32>21 (P1)	
		64	20-Jan-17	19-May-17	87			■	BW8, Connector D, Deck Paving, Ab 50>34 (P1)	
		32	22-May-17	21-Jul-17	87			■	BW8, Connector D, Deck Paving, 10>18 (P1)	
		8	29-Nov-17	13-Dec-17	58			■	BW8, Connector D, Deck Paving, 34>32 (P2)	
		12	21-Mar-18	09-Apr-18	10			■	BW8, Connector D, Deck Paving, 18>21 (P2)	
		48	11-Apr-18	06-Jul-18	10			■	BW8, Connector D, Deck Paving, aB50>39 (P2)	
<b>Connector F</b>										
RW2P2-DKF-1	BW8, Connector F, Deck Paving, 5>9 (P1)	23	15-Mar-17	24-Apr-17	47			■	BW8, Connector F, Deck Paving, 5>9 (P1)	
RW2P2-DKF-1	BW8, Connector F, Deck Paving, A42>5 (P2)	16	23-Mar-18	20-Apr-18	47			■	BW8, Connector F, Deck Paving, A42>5 (P2)	
RW2P2-DKF-1	BW8, Connector F, Deck Paving, 9>C43 (P2)	12	04-May-18	24-May-18	40			■	BW8, Connector F, Deck Paving, 9>C43 (P2)	
<b>General Purpose Lanes</b>										
<b>GP, North of BW8, NB</b>										
RW2-GPNNB-EV	RW2, North of BW8, GP NB , Clear & Grubb/Demo Existing	15	09-Feb-18	09-Mar-18	75			■	RW2, North of BW8, GP NB , Clear & Grubb/Demo Existing	
RW2-GPNNB-EV	RW2, North of BW8, GP NB, Excavation/Fill	10	23-Feb-18	14-Mar-18	75			■	RW2, North of BW8, GP NB, Excavation/Fill	
RW2-GPNNB-LT	RW2, North of BW8, GP NB, LTB	10	27-Feb-18	19-Mar-18	75			■	RW2, North of BW8, GP NB, LTB	
RW2-GPNNB-SC	RW2, North of BW8, GP NB, Drainage Rough In	8	07-Mar-18	21-Mar-18	75			■	RW2, North of BW8, GP NB, Drainage Rough In	
RW2-GPNNB-IT	RW2, North of BW8, GP NB, IT Rough in	8	07-Mar-18	21-Mar-18	75			■	RW2, North of BW8, GP NB, IT Rough in	
RW2-GPNNB-CE	RW2, North of BW8, GP NB, CSB	8	22-Mar-18	02-Apr-18	75			■	RW2, North of BW8, GP NB, CSB	
RW2-GPNNB-PV	RW2, North of BW8, GP NB, AC Bond Breaker	8	26-Mar-18	06-Apr-18	75			■	RW2, North of BW8, GP NB, AC Bond Breaker	







### SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015			2016			2017			2018		
RW2P2-DKG-160	BW8, Connector G, Barrier, A42>C43	8	05-Jul-18	20-Jul-18	34	■ BW8, Connector G, Barrier, A42>C43											
RW2P2-DKD-170	BW8, Connector D, Barrier, Ab 1>21	10	09-Jul-18	27-Jul-18	10	■ BW8, Connector D, Barrier, Ab 1>21											
RW2P2-DKD-160	BW8, Connector D, Barrier, Ab50 > 21	11	30-Jul-18	17-Aug-18	10	■ BW8, Connector D, Barrier, Ab50 > 21											
<b>Signals and Illumination</b>																	
<b>ITS/ITC</b>																	
<b>Permanent signing and Markings</b>																	
RW2P2-NBGP-100	BW8, NB GP Permanent Signs	15	27-Apr-18	18-May-18	92	■ BW8, NB GP Permanent Signs											
RW2P2-DKB-180	BW8, Connector B, Permanent signs	10	07-May-18	23-May-18	64	■ BW8, Connector B, Permanent signs											
RW2P2-NBGP-110	BW8, NB GP Striping	10	18-May-18	01-Jun-18	92	■ BW8, NB GP Striping											
RW2P2-DKB-190	BW8, Connector B, Striping	10	24-May-18	11-Jun-18	64	■ BW8, Connector B, Striping											
RW2P2-SBGP-100	BW8, SB GP Permanent Signs	15	25-May-18	15-Jun-18	72	■ BW8, SB GP Permanent Signs											
RW2P2-DKF-170	BW8, Connector F, Permanent Signs	10	11-Jun-18	28-Jun-18	40	■ BW8, Connector F, Permanent Signs											
RW2P2-SBGP-110	BW8, SB GP Striping	10	15-Jun-18	29-Jun-18	72	■ BW8, SB GP Striping											
RW2P2-DKC-180	BW8, Connector C, Permanent Signs	20	18-Jun-18	24-Jul-18	28	■ BW8, Connector C, Permanent Signs											
RW2P2-DKA-180	BW8, Connector A, Permanent Signs	20	29-Jun-18	03-Aug-18	26	■ BW8, Connector A, Permanent Signs											
RW2P2-DKF-190	BW8, Connector F, Striping	5	29-Jun-18	06-Jul-18	40	■ BW8, Connector F, Striping											
RW2P2-DKG-190	BW8, Connector G, Striping	5	23-Jul-18	30-Jul-18	34	■ BW8, Connector G, Striping											
RW2P2-DKC-190	BW8, Connector C, Striping	9	26-Jul-18	08-Aug-18	28	■ BW8, Connector C, Striping											
RW2P2-DKE-190	BW8, Connector E, Striping	5	31-Jul-18	06-Aug-18	34	■ BW8, Connector E, Striping											
RW2P2-DKA-190	BW8, Connector A, Striping	9	06-Aug-18	22-Aug-18	26	■ BW8, Connector A, Striping											
RW2P2-DKH-190	BW8, Connector H, Striping	5	10-Aug-18	20-Aug-18	28	■ BW8, Connector H, Striping											
RW2P2-DKD-180	BW8, Connector D, Permanent Signs	10	20-Aug-18	31-Aug-18	10	■ BW8, Connector D, Permanent Signs											
RW2P2-DKD-190	BW8, Connector D, Striping	9	04-Sep-18	19-Sep-18	10	■ BW8, Connector D, Striping											
<b>Phase 2-Northbound</b>																	
<b>Removals</b>																	
<b>Retaining Walls</b>																	
<b>Drainage</b>																	
<b>Phase 2-Connectors</b>																	
<b>Roadways, Zone 2 (2892+00 to 3115+00) (BW8 to IH 610)</b>																	
<b>Roadway 3 (2892+00 to 2942+00), 5000 LF</b>																	
RW3-START	Roadway 3, Start Work	0	15-Feb-16		51	◆ Roadway 3, Start Work											
RW3-TC-100	RW3, SH 288 Median, Setup Traffic Control	5	30-Mar-16	06-Apr-16	111	■ RW3, SH 288 Median, Setup Traffic Control											
RW3-EW-100	RW3, SH 288 Median, Clear & Grubb/Topsoil Removal	9	04-Apr-16	19-Apr-16	110	■ RW3, SH 288 Median, Clear & Grubb/Topsoil Removal											
RW3-EW-110	RW3, Excavate Alameda Detention Ponds	90	21-Apr-16	03-Oct-16	110	■ RW3, Excavate Alameda Detention Ponds											
RW3-EW-110E	RW3, SH 288 Median, Excavation (to Fill)	3	30-Aug-16	01-Sep-16	40	■ RW3, SH 288 Median, Excavation (to Fill)											
RW3-EW-110F	RW3, SH 288 Median, Fill (from borrow)	16	02-Sep-16	30-Sep-16	40	■ RW3, SH 288 Median, Fill (from borrow)											
RW3-LT-100	RW3, SH 288 Median, LTB	16	07-Sep-16	05-Oct-16	154	■ RW3, SH 288 Median, LTB											
RW3-SD-100	RW3, SH 288 Median, Drainage Rough In	5	30-Sep-16	10-Oct-16	154	■ RW3, SH 288 Median, Drainage Rough In											
RW3-IT-100	RW3, SH 288 Median, IT Rough in	5	30-Sep-16	10-Oct-16	154	■ RW3, SH 288 Median, IT Rough in											
RW3-CB-100NB	RW3, SH 288 Median, NB CSB	5	05-Oct-16	13-Oct-16	154	■ RW3, SH 288 Median, NB CSB											
RW3-PV-100NB	RW3, SH 288 Median, NB AC Bond Breaker	5	10-Oct-16	17-Oct-16	154	■ RW3, SH 288 Median, NB AC Bond Breaker											
RW3-PV-102NB	RW3, SH 288 Median, NB Form Blockouts for Drainage/IT	5	13-Oct-16	20-Oct-16	154	■ RW3, SH 288 Median, NB Form Blockouts for Drainage/IT											
RW3-PV-104NB	RW3, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft	7	03-Mar-17	17-Mar-17	81	■ RW3, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft											
RW3-PV-112NB	RW3, SH 288 Median, NB, Cure Last PCC Pavement	7	18-Mar-17	24-Mar-17	180	■ RW3, SH 288 Median, NB, Cure Last PCC Pavement											
RW3-CB-100SB	RW3, SH 288 Median, SB CSB	5	27-Mar-17	31-Mar-17	97	■ RW3, SH 288 Median, SB CSB											
RW3-PV-100SB	RW3, SH 288 Median, SB AC Bond Breaker	5	29-Mar-17	05-Apr-17	97	■ RW3, SH 288 Median, SB AC Bond Breaker											
RW3-PV-102SB	RW3, SH 288 Median, SB Form Blockouts for Drainage/IT	5	31-Mar-17	10-Apr-17	97	■ RW3, SH 288 Median, SB Form Blockouts for Drainage/IT											



Activity ID	Activity Name	OD	Start	Finish	Total Float	2015					2016					2017					2018					2019				
						J					J					J					A					J				
RW3-PV-104SB	RW3, SH 288 Median, SB PCC Reinforcement & Paving, 38 ft	7	05-May-17	18-May-17	81																									
RW3-PV-122	RW3, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back	10	19-May-17	02-Jun-17	83																									
RW3-PV-112SB	RW3, SH 288 Median, SB, Cure Last PCC Pavement	7	19-May-17	25-May-17	153																									
RW3-PB-100	RW3, SH 288 Median, Permanent Barriers	11	23-May-17	09-Jun-17	83																									
RW3-PS-100	RW3, SH 288 Median, F/R/P Major Sign Foundations	6	23-May-17	31-May-17	83																									
RW3-PB-120	RW3, SH 288, Erect all Signs	10	31-May-17	19-Jun-17	206																									
RW3-PB-110	RW3, SH 288 Median, Striping on Toll Road	10	12-Jun-17	29-Jun-17	202																									
RW3-TC-120	RW3, SH 288, Move Traffic to Median	0		29-Jun-17	248																									
<b>All Road Work</b>																														
<b>Traffic Control and Temporary Work</b>																														
<b>Bridges</b>																														
<b>SEQ 3, Overpass at Alameda-Genoa (2889+74)</b>																														
				22-Apr-16	0																									
		22	19-Apr-16	27-May-16	58																									
		18	02-May-16	02-Jun-16	58																									
		23	12-May-16	24-Jun-16	58																									
		30	31-May-16	27-Jul-16	58																									
		14	25-Jun-16	08-Jul-16	111																									
		10	11-Jul-16	28-Jul-16	62																									
		37	28-Jul-16	28-Sep-16	58																									
		7	29-Sep-16	05-Oct-16	117																									
<b>SEQ 4, Overpass @ Orem (2939+47)</b>																														
RW3SEQ4-100	RW3, Orem Bridge SEQ4(2937+14), Drill & Concrete Shafts	14	25-Apr-16	19-May-16	0																									
RW3SEQ4-110	RW3, Orem Bridge SEQ4(2937+14), Footings	18	04-May-16	03-Jun-16	118																									
RW3SEQ4-120	RW3, Orem Bridge SEQ4(2937+14), Columns	15	03-Jun-16	01-Jul-16	108																									
RW3SEQ4-130	RW3, Orem Bridge SEQ4(2937+14), Bent Caps	19	17-Jun-16	25-Jul-16	146																									
RW3SEQ4-135	RW3, Orem Bridge SEQ4(2937+14), Abutments/Wing Walls	30	07-Jul-16	29-Aug-16	146																									
RW3SEQ4-140	RW3, Orem Bridge SEQ4(2937+14), Cure Caps	14	26-Jul-16	08-Aug-16	288																									
RW3SEQ4-150	RW3, Orem Bridge SEQ4(2937+14), Set Girders/Precast Panels/O'hangs	9	09-Aug-16	23-Aug-16	153																									
RW3SEQ4-160	RW3, Orem Bridge SEQ4(2937+14), F/R/P Deck	27	30-Aug-16	17-Oct-16	146																									
RW3SEQ4-165	RW3, Orem Bridge SEQ4(2937+14), Cure Last Deck Pour	7	18-Oct-16	24-Oct-16	281																									
<b>Roadway 4 (2940+00 to 3000+00)</b>																														
<b>All Road Work</b>																														
RW4-TC-100	RW4, SH 288 Median, Setup Traffic Control	5	08-Apr-16	15-Apr-16	132																									
RW4-EW-100	RW4, SH 288 Median, Clear & Grubb/Topsoil Removal	10	21-Apr-16	09-May-16	127																									
RW4-EW-110E	RW4, SH 288 Median, Excavation (to Fill)	1	03-Oct-16	03-Oct-16	159																									
RW4-EW-110F	RW4, SH 288 Median, Fill (from borrow)	41	03-Oct-16	19-Dec-16	40																									
RW4-LT-100	RW4, SH 288 Median, LTB	41	07-Oct-16	22-Dec-16	117																									
RW4-SD-100	RW4, SH 288 Median, Drainage Rough In	5	19-Dec-16	27-Dec-16	117																									
RW4-IT-100	RW4, SH 288 Median, IT Rough in	5	19-Dec-16	27-Dec-16	117																									
RW4-CB-100NB	RW4, SH 288 Median, NB CSB	5	28-Dec-16	05-Jan-17	117																									
RW4-PV-100NB	RW4, SH 288 Median, NB AC Bond Breaker	5	30-Dec-16	09-Jan-17	117																									
RW4-PV-102NB	RW4, SH 288 Median, NB Form Blockouts for Drainage/IT	5	05-Jan-17	13-Jan-17	117																									
RW4-PV-104NB	RW4, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft	7	20-Mar-17	28-Mar-17	81																									
RW4-PV-112NB	RW4, SH 288 Median, NB, Cure Last PCC Pavement	7	29-Mar-17	04-Apr-17	182																									



Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019												
						J			J			J			J			J			J			J			J			J			J			J			J																											
	RW4, SH 288 Median, SB CSB	5	05-Apr-17	14-Apr-17	98																									▣ RW4, SH 288 Median, SB CSB																																				
	RW4, SH 288 Median, SB AC Bond Breaker	5	10-Apr-17	18-Apr-17	98																									▣ RW4, SH 288 Median, SB AC Bond Breaker																																				
	RW4, SH 288 Median, SB Form Blockouts for Drainage/IT	5	14-Apr-17	21-Apr-17	98																									▣ RW4, SH 288 Median, SB Form Blockouts for Drainage/IT																																				
	RW4, SH 288 Median, SB PCC Reinforcement & Paving	7	19-May-17	30-May-17	81																									▣ RW4, SH 288 Median, SB PCC Reinforcement & Paving																																				
	RW4, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back	10	31-May-17	19-Jun-17	87																									▣ RW4, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back																																				
	RW4, SH 288 Median, SB, Cure Last PCC Pavement	7	31-May-17	06-Jun-17	148																									▣ RW4, SH 288 Median, SB, Cure Last PCC Pavement																																				
	RW4, SH 288 Median, Permanent Barriers	12	12-Jun-17	03-Jul-17	83																									▣ RW4, SH 288 Median, Permanent Barriers																																				
	RW4, SH 288 Median, F/R/P Major Sign Foundations	0	12-Jun-17	12-Jun-17	83																									▣ RW4, SH 288 Median, F/R/P Major Sign Foundations																																				
	RW4, SH 288, Erect all Signs	10	23-Jun-17	10-Jul-17	205																									▣ RW4, SH 288, Erect all Signs																																				
	RW4, SH 288 Median, Striping on Toll Road	10	05-Jul-17	25-Jul-17	200																									▣ RW4, SH 288 Median, Striping on Toll Road																																				
	RW4, SH 288, Move Traffic to Median	0		25-Jul-17	236																									◆ RW4, SH 288, Move Traffic to Median																																				
<b>Traffic Control and Temporary Work</b>																																																																		
<b>Bridges</b>																																																																		
<b>SEQ 5A, NB Bridge at Sims Bayou (2955+54)</b>																																																																		
	RW4SEQ5B-100	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Drill & Concrete Shafts	7	20-May-16	01-Jun-16	0																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Drill & Concrete Shafts																																			
	RW4SEQ5B-110	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Footings	26	02-Jun-16	25-Jul-16	117																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Footings																																			
	RW4SEQ5B-120	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Columns	21	05-Jul-16	11-Aug-16	108																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Columns																																			
	RW4SEQ5B-130	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Bent Caps	19	28-Jul-16	29-Aug-16	133																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Bent Caps																																			
	RW4SEQ5B-135	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Abutments/Wing Walls	30	15-Aug-16	05-Oct-16	133																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Abutments/Wing Walls																																			
	RW4SEQ5B-140	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Cure Caps	14	30-Aug-16	12-Sep-16	267																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Cure Caps																																			
	RW4SEQ5B-150	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Set Girders/Precast Panels/O'hangs	9	13-Sep-16	28-Sep-16	140																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Set Girders/Precast Panels/O'hangs																																			
	RW4SEQ5B-160	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), F/R/P Deck	27	07-Oct-16	22-Nov-16	133																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), F/R/P Deck																																			
	RW4SEQ5B-165	RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Cure Last Deck Pour	7	23-Nov-16	29-Nov-16	257																									▣ RW4, NB Sims Bayou Bridge SEQ5B(2955+54), Cure Last Deck Pour																																			
<b>SEQ 6, Bridge at Airport Rd (2997+47)</b>																																																																		
	RW4SEQ6-100	RW4, Airport Rd Bridge SEQ6(2997+47), Drill & Concrete Shafts	20	02-Jun-16	11-Jul-16	0																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Drill & Concrete Shafts																																			
	RW4SEQ6-110	RW4, Airport Rd Bridge SEQ6(2997+47), Footings	26	13-Jun-16	01-Aug-16	135																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Footings																																			
	RW4SEQ6-120	RW4, Airport Rd Bridge SEQ6(2997+47), Columns	21	12-Aug-16	14-Sep-16	108																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Columns																																			
	RW4SEQ6-130	RW4, Airport Rd Bridge SEQ6(2997+47), Bent Caps	19	01-Sep-16	05-Oct-16	112																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Bent Caps																																			
	RW4SEQ6-135	RW4, Airport Rd Bridge SEQ6(2997+47), Abutments/Wing Walls	30	16-Sep-16	10-Nov-16	112																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Abutments/Wing Walls																																			
	RW4SEQ6-140	RW4, Airport Rd Bridge SEQ6(2997+47), Cure Caps	14	06-Oct-16	19-Oct-16	230																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Cure Caps																																			
	RW4SEQ6-150	RW4, Airport Rd Bridge SEQ6(2997+47), Set Girders/Precast Panels/O'hangs	9	20-Oct-16	02-Nov-16	121																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Set Girders/Precast Panels/O'hangs																																			
	RW4SEQ6-160	RW4, Airport Rd Bridge SEQ6(2997+47), F/R/P Deck	27	14-Nov-16	05-Jan-17	112																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), F/R/P Deck																																			
	RW4SEQ6-170	RW4, Airport Rd Bridge SEQ6(2997+47), Cure Last Deck Pour	7	06-Jan-17	12-Jan-17	213																									▣ RW4, Airport Rd Bridge SEQ6(2997+47), Cure Last Deck Pour																																			
<b>SEQ 5A, SB Bridge at Sims Bayou (2955+54)</b>																																																																		
	RW4SEQ5A-100	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Drill & Concrete Shafts	7	13-Jul-16	26-Jul-16	163																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Drill & Concrete Shafts																																			
	RW4SEQ5A-110	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Footings	26	27-Jul-16	07-Sep-16	163																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Footings																																			
	RW4SEQ5A-120	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Columns	22	08-Aug-16	12-Sep-16	163																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Columns																																			
	RW4SEQ5A-130	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Bent Caps	19	30-Aug-16	30-Sep-16	163																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Bent Caps																																			
	RW4SEQ5A-135	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Abutments/Wing Walls	30	14-Sep-16	07-Nov-16	163																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Abutments/Wing Walls																																			
	RW4SEQ5A-140	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Cure Caps	14	01-Oct-16	14-Oct-16	327																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Cure Caps																																			
	RW4SEQ5A-150	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Set Girders/Precast Panels/O'hangs	9	17-Oct-16	28-Oct-16	172																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Set Girders/Precast Panels/O'hangs																																			
	RW4SEQ5A-160	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), F/R/P Deck	27	09-Nov-16	30-Dec-16	163																									▣ RW4, SB Sims Bayou Bridge SEQ5A(2955+54), F/R/P Deck																																			



Activity ID		Activity Name		OD	Start	Finish	Total Float	WBS											
								2015			2016			2017			2018		
RW4SEQ5A-165		RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Cure Last Deck Pour		7	31-Dec-16	06-Jan-17	305	RW4, SB Sims Bayou Bridge SEQ5A(2955+54), Cure Last Deck Pour											
<b>Roadway 5 (3000+00 to 3050+00)</b>																			
<b>All Road Work</b>																			
RW5-TC-100	RW5, SH 288 Median, Setup Traffic Control			5	18-Apr-16	25-Apr-16	168	RW5, SH 288 Median, Setup Traffic Control											
RW5-EW-100	RW5, SH 288 Median, Clear & Grubb/Topsoil Removal			10	10-May-16	26-May-16	158	RW5, SH 288 Median, Clear & Grubb/Topsoil Removal											
RW5-EW-110E	RW5, SH 288 Median, Excavation (to Fill)			1	21-Dec-16	21-Dec-16	59	RW5, SH 288 Median, Excavation (to Fill)											
RW5-EW-110F	RW5, SH 288 Median, Fill (from borrow)			20	21-Dec-16	27-Jan-17	40	RW5, SH 288 Median, Fill (from borrow)											
RW5-LT-100	RW5, SH 288 Median, LTB			20	23-Dec-16	31-Jan-17	103	RW5, SH 288 Median, LTB											
RW5-SD-100	RW5, SH 288 Median, Drainage Rough In			5	27-Jan-17	03-Feb-17	103	RW5, SH 288 Median, Drainage Rough In											
RW5-IT-100	RW5, SH 288 Median, IT Rough in			5	27-Jan-17	03-Feb-17	103	RW5, SH 288 Median, IT Rough in											
RW5-CB-100NB	RW5, SH 288 Median, NB CSB			5	06-Feb-17	15-Feb-17	103	RW5, SH 288 Median, NB CSB											
RW5-PV-100NB	RW5, SH 288 Median, NB AC Bond Breaker			5	10-Feb-17	21-Feb-17	104	RW5, SH 288 Median, NB AC Bond Breaker											
RW5-PV-102NB	RW5, SH 288 Median, NB Form Blockouts for Drainage/IT			5	15-Feb-17	23-Feb-17	104	RW5, SH 288 Median, NB Form Blockouts for Drainage/IT											
RW5-PV-104NB	RW5, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft			7	29-Mar-17	10-Apr-17	81	RW5, SH 288 Median, NB PCC Reinforcement & Paving, 38 ft											
RW5-PV-112NB	RW5, SH 288 Median, NB, Cure Last PCC Pavement			7	11-Apr-17	17-Apr-17	188	RW5, SH 288 Median, NB, Cure Last PCC Pavement											
RW5-CB-100SB	RW5, SH 288 Median, SB CSB			5	18-Apr-17	25-Apr-17	102	RW5, SH 288 Median, SB CSB											
RW5-PV-100SB	RW5, SH 288 Median, SB AC Bond Breaker			5	21-Apr-17	27-Apr-17	102	RW5, SH 288 Median, SB AC Bond Breaker											
RW5-PV-102SB	RW5, SH 288 Median, SB Form Blockouts for Drainage/IT			5	25-Apr-17	01-May-17	102	RW5, SH 288 Median, SB Form Blockouts for Drainage/IT											
RW5-PV-104SB	RW5, SH 288 Median, SB PCC Reinforcement & Paving			7	31-May-17	12-Jun-17	84	RW5, SH 288 Median, SB PCC Reinforcement & Paving											
RW5-PV-112SB	RW5, SH 288 Median, SB, Cure Last PCC Pavement			7	13-Jun-17	19-Jun-17	170	RW5, SH 288 Median, SB, Cure Last PCC Pavement											
RW5-PV-122	RW5, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back			10	14-Jun-17	30-Jun-17	92	RW5, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back											
RW5-PS-100	RW5, SH 288 Median, F/R/P Major Sign Foundations			6	19-Jun-17	28-Jun-17	92	RW5, SH 288 Median, F/R/P Major Sign Foundations											
RW5-PB-100	RW5, SH 288 Median, Permanent Barriers			12	05-Jul-17	27-Jul-17	83	RW5, SH 288 Median, Permanent Barriers											
RW5-PB-120	RW5, SH 288, Erect all Signs			10	17-Jul-17	01-Aug-17	198	RW5, SH 288, Erect all Signs											
RW5-PB-110	RW5, SH 288 Median, Striping on Toll Road			5	28-Jul-17	03-Aug-17	198	RW5, SH 288 Median, Striping on Toll Road											
RW5-TC-120	RW5, SH 288, Move Traffic to Median			0		26-Sep-17	199	RW5, SH 288, Move Traffic to Median											
<b>North Bound Exit Ramp</b>																			
RW5-TC-100NBR	RW5, NB Toll Ramp 2, Setup Traffic Control			1	26-Apr-16	26-Apr-16	181	RW5, NB Toll Ramp 2, Setup Traffic Control											
RW5-EW-110NBR	RW5, NB Toll Ramp 2, Excavation & Fill			4	30-Jan-17	03-Feb-17	40	RW5, NB Toll Ramp 2, Excavation & Fill											
RW5-LT-100NBR	RW5, NB Toll Ramp 2, LTB			4	01-Feb-17	08-Feb-17	102	RW5, NB Toll Ramp 2, LTB											
RW5-IT-100NBR	RW5, NB Toll Ramp 2, IT Rough in			2	10-Feb-17	13-Feb-17	102	RW5, NB Toll Ramp 2, IT Rough in											
RW5-AB-100NBR	RW5, NB Toll Ramp 2, CSB			4	17-Feb-17	23-Feb-17	103	RW5, NB Toll Ramp 2, CSB											
RW5-PV-100NBR	RW5, NB Toll Ramp 2, AC Bond Breaker			1	24-Feb-17	24-Feb-17	103	RW5, NB Toll Ramp 2, AC Bond Breaker											
RW5-PV-104NBR	RW5, NB Toll Ramp 2, PCC Reinforcement & Paving			3	12-Apr-17	17-Apr-17	81	RW5, NB Toll Ramp 2, PCC Reinforcement & Paving											
RW5-PV-112NBR	RW5, NB Toll Ramp 2, Cure Pavement			14	18-Apr-17	01-May-17	238	RW5, NB Toll Ramp 2, Cure Pavement											
RW5-TC-120NBR	RW5, NB Toll Ramp 2, Move Traffic to Median			0		01-May-17	279	RW5, NB Toll Ramp 2, Move Traffic to Median											
<b>South Bound Entrance Ramp</b>																			
RW5-TC-100SBR	RW5, SB Toll Ramp 2, Setup Traffic Control			1	28-Apr-16	28-Apr-16	181	RW5, SB Toll Ramp 2, Setup Traffic Control											
RW5-EW-110SBR	RW5, SB Toll Ramp 2, Excavation & Fill			4	06-Feb-17	13-Feb-17	40	RW5, SB Toll Ramp 2, Excavation & Fill											
RW5-LT-100SBR	RW5, SB Toll Ramp 2, LTB			4	10-Feb-17	17-Feb-17	139	RW5, SB Toll Ramp 2, LTB											
RW5-IT-100SBR	RW5, SB Toll Ramp 2, IT Rough in			2	21-Feb-17	22-Feb-17	317	RW5, SB Toll Ramp 2, IT Rough in											
RW5-AB-100SBR	RW5, SB Toll Ramp 2, CSB			4	26-Apr-17	01-May-17	103	RW5, SB Toll Ramp 2, CSB											
RW5-PV-100SBR	RW5, SB Toll Ramp 2, AC Bond Breaker			1	03-May-17	03-May-17	103	RW5, SB Toll Ramp 2, AC Bond Breaker											
RW5-PV-104SBR	RW5, SB Toll Ramp 2, PCC Reinforcement & Paving			4	14-Jun-17	21-Jun-17	84	RW5, SB Toll Ramp 2, PCC Reinforcement & Paving											
RW5-PV-112SBR	RW5, SB Toll Ramp 2, Cure Pavement			14	22-Jun-17	05-Jul-17	173	RW5, SB Toll Ramp 2, Cure Pavement											
RW5-TC-120SBR	RW5, SB Toll Ramp 2, Move Traffic to Median			0		05-Jul-17	245	RW5, SB Toll Ramp 2, Move Traffic to Median											
<b>Traffic Control and Temporary Work</b>																			



Activity ID	Activity Name	OD	Start	Finish	Total Float	WBS														
						2015			2016			2017			2018			2019		
						J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
RW5-IT-900	RW1>5, Complete/Test All ITS/IT	30	04-Aug-17	26-Sep-17	199	■ RW1>5, Complete/Test All ITS/IT														
<b>Bridges</b>																				
<b>SEQ 7, Bridge at Reed (3048+35)</b>																				
RW5SEQ7-100	RW5, Reed Bridge SEQ7(3048+96), Drill & Concrete Shafts	20	13-Jul-16	16-Aug-16	0	<ul style="list-style-type: none"> <li>■ RW5, Reed Bridge SEQ7(3048+96), Drill &amp; Concrete Shafts</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Footings</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Columns</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Abutments/Wing Walls</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Bent Caps</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Cure Caps</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Set Girders/Precast Panels/O'hangs</li> </ul>														
		26	25-Jul-16	02-Sep-16	131															
		21	15-Sep-16	25-Oct-16	108															
		30	15-Sep-16	09-Nov-16	109															
		19	11-Oct-16	10-Nov-16	108															
		14	11-Nov-16	24-Nov-16	210															
		9	28-Nov-16	14-Dec-16	107															
		27	07-Dec-16	30-Jan-17	107															
		7	31-Jan-17	06-Feb-17	199															
																		<ul style="list-style-type: none"> <li>■ RW5, Reed Bridge SEQ7(3048+96), F/R/P Deck</li> <li>■ RW5, Reed Bridge SEQ7(3048+96), Cure Last Deck Pour</li> </ul>		
<b>Roadway 6 (3050+00 to 3115+00)</b>																				
RW6-TC-100	RW6, SH 288 Median, Setup Traffic Control	8	29-Apr-16	13-May-16	181	■ RW6, SH 288 Median, Setup Traffic Control														
RW6-EW-100	RW6, SH 288 Median, Clear & Grubb/Topsoil Removal	16	27-May-16	28-Jun-16	176															
RW6-EW-110E	RW6, SH 288 Median, Excavation (to fill)	1	15-Feb-17	15-Feb-17	40	<ul style="list-style-type: none"> <li>■ RW6, SH 288 Median, Clear &amp; Grubb/Topsoil Removal</li> <li>■ RW6, SH 288 Median, Excavation (to fill)</li> <li>■ RW6, SH 288 Median, Fill (from borrow)</li> <li>■ RW6, SH 288 Median, LTB</li> <li>■ RW6, SH 288 Median, Drainage Rough In</li> <li>■ RW6, SH 288 Median, IT Rough in</li> </ul>														
RW6-EW-110F	RW6, SH 288 Median, Fill (from borrow)	15	17-Feb-17	17-Mar-17	40															
RW6-LT-100	RW6, SH 288 Median, LTB	15	22-Feb-17	21-Mar-17	90															
RW6-SD-100	RW6, SH 288 Median, Drainage Rough In	8	10-Mar-17	23-Mar-17	90															
RW6-IT-100	RW6, SH 288 Median, IT Rough in	8	10-Mar-17	23-Mar-17	90															
RW6-CB-100NB	RW6, SH 288 Median, NB CSB	8	24-Mar-17	05-Apr-17	90															
RW6-PV-100NB	RW6, SH 288 Median, NB AC Bond Breaker	8	28-Mar-17	10-Apr-17	90															
RW6-PV-102NB	RW6, SH 288 Median, NB Form Blockouts for Drainage/IT	8	30-Mar-17	14-Apr-17	90															
RW6-PV-104NB	RW6, SH 288 Median, NB PCC Reinforcement & Paving	10	18-Apr-17	03-May-17	81															
RW6-PV-112NB	RW6, SH 288 Median, NB, Cure Last PCC Pavement	0	04-May-17	04-May-17	188															
RW6-CB-100SB	RW6, SH 288 Median, SB CSB	8	05-May-17	19-May-17	103	<ul style="list-style-type: none"> <li>■ RW6, SH 288 Median, NB CSB</li> <li>■ RW6, SH 288 Median, NB AC Bond Breaker</li> <li>■ RW6, SH 288 Median, NB Form Blockouts for Drainage/IT</li> <li>■ RW6, SH 288 Median, NB PCC Reinforcement &amp; Paving</li> <li>■ RW6, SH 288 Median, NB, Cure Last PCC Pavement</li> <li>■ RW6, SH 288 Median, SB CSB</li> <li>■ RW6, SH 288 Median, SB AC Bond Breaker</li> <li>■ RW6, SH 288 Median, SB Form Blockouts for Drainage/IT</li> <li>■ RW6, SH 288 Median, SB PCC Reinforcement &amp; Paving</li> <li>■ RW6, SH 288 Median, SB, Cure Last PCC Pavement</li> <li>■ RW6, SH 288 Median, F/R/P Major Sign Foundations</li> <li>■ RW6, SH 288 Median, Drainage/IT, Raise to Grade &amp; Pour Back</li> <li>■ RW6, SH 288 Median, Permanent Barriers</li> <li>■ RW6, SH 288, Erect all Signs</li> <li>■ RW6, SH 288 Median, Striping on Toll Road</li> </ul>														
RW6-PV-100SB	RW6, SH 288 Median, SB AC Bond Breaker	8	10-May-17	23-May-17	103															
RW6-PV-102SB	RW6, SH 288 Median, SB Form Blockouts for Drainage/IT	8	15-May-17	25-May-17	103															
RW6-PV-104SB	RW6, SH 288 Median, SB PCC Reinforcement & Paving	8	23-Jun-17	05-Jul-17	84															
RW6-PV-112SB	RW6, SH 288 Median, SB, Cure Last PCC Pavement	7	06-Jul-17	12-Jul-17	166															
RW6-PS-100	RW6, SH 288 Median, F/R/P Major Sign Foundations	18	14-Jul-17	11-Aug-17	91															
RW6-PV-122	RW6, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back	16	14-Jul-17	08-Aug-17	89															
RW6-PB-100	RW6, SH 288 Median, Permanent Barriers	31	28-Jul-17	19-Sep-17	83															
RW6-PB-120	RW6, SH 288, Erect all Signs	16	04-Aug-17	31-Aug-17	188															
RW6-PB-110	RW6, SH 288 Median, Striping on Toll Road	8	21-Sep-17	04-Oct-17	172															
RW6-TC-120	RW6, SH 288, Move Traffic to Median	0		04-Oct-17	205	◆ RW6, SH 288, Move Traffic to Median														
<b>Traffic Control and Temporary Work</b>																				
<b>Bridges</b>																				
<b>Roadways, Zone 3 (3115+00 to 3176+00) (IH 610)</b>																				
<b>Roadway 7 (3115+00 TO 3176+00) (IH 610)</b>																				
RW7-START	RW7, Start work (IH610/SH288)	0	15-Feb-16		0	◆ RW7, Start work (IH610/SH288)														
	RW7, Complete/Test All ITS/IT, RW6 & 7	30	10-Sep-18	31-Oct-18	0	■ RW7, Complete/Test All ITS														
<b>Traffic Control and Temporary Work</b>																				



Activity ID	Activity Name	OD	Start	Finish	Total Float	2015					2016					2017					2018					2019				
						J					J					J					A					J				
RW7P1A-TC-101	RW7, Phase 1A, Set Temp Barriers #1, Toll 3083+00 to 3103+00	6	15-Feb-16	24-Feb-16	109																									
RW7P1A-TC-102	RW7, Phase 1A, Set Temp Barriers #2, WB Holly Hall Demo & Rebuild	3	15-Feb-16	18-Feb-16	284																									
RW7P1A-TC-104	RW7, Phase 1A, Set Temp Barriers #4, 86+50 to 105+00(Conn B)	5	15-Feb-16	23-Feb-16	80																									
RW7P1A-TC-103	RW7, Phase 1A, Set Temp Barriers #3, Toll 3140+00 to 3176+00	10	24-Feb-16	14-Mar-16	0																									
<b>North of IH 610</b>																														
<b>SEQ 11, WB Underpass at Holly Hall (3160+00)</b>																														
RW7P1AN-RE-1	RW7, Phase 1A, Holly Hall WB, Demo Exiting Bridge	30	19-Feb-16	12-Apr-16	284																									
RW7P1AN-SEQ11	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Drill & Concrete Shafts	8	14-Apr-16	26-Apr-16	284																									
RW7P1AN-SEQ1	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Footings	18	28-Apr-16	31-May-16	284																									
RW7P1AN-SEQ1	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Columns	16	16-May-16	13-Jun-16	284																									
RW7P1AN-SEQ11	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Abutments/Wing Walls	22	16-May-16	27-Jun-16	291																									
RW7P1AN-SEQ1	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Bent Caps	19	02-Jun-16	08-Jul-16	284																									
RW7P1AN-SEQ1	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Cure Caps	14	09-Jul-16	22-Jul-16	534																									
RW7P1AN-SEQ11	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Set Girders/Precast Panels/O'hangs	7	25-Jul-16	02-Aug-16	285																									
RW7P1AN-SEQ1	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), F/R/P Deck	29	01-Aug-16	15-Sep-16	285																									
RW7P1AN-SEQ11	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Cure Last Deck Pour	7	16-Sep-16	22-Sep-16	549																									
RW7P1AN-SEQ11	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Permanent Barriers	4	23-Sep-16	30-Sep-16	287																									
RW7P1AN-SEQ1	RW7, Phase 1A, Holly Hall WB SEQ11(3160+00), Striping	2	03-Oct-16	05-Oct-16	287																									
RW7P1AN-TC-12	RW7, Phase 1A, Holly Hall WB, Ready to move traffic to WB side	0		05-Oct-16	287																									
<b>Toll Road</b>																														
RW7P1AN-RE-1C	RW7, Phase 1A, Remove High Mast Lighting North of IH610	5	15-Feb-16	23-Feb-16	0																									
RW7P1ANTR-EA	RW7, Phase 1A, Excavation, Toll 3144+00 to 3176+00	23	15-Mar-16	21-Apr-16	0																									
RW7P1ANTR-DR	RW7, Phase 1A, Drainage, Remove/Plug/Install New, Toll 3144+00 to 3176+00	10	18-Mar-16	31-Mar-16	0																									
RW7P1ANTR-SC	RW7, Phase 1A, Subgrade, Toll 3144+00 to 3176+00	23	22-Mar-16	28-Apr-16	0																									
RW7P1ANTR-PV	RW7, Phase 1A, Pavement, Toll 3144+00 to 3176+00	18	29-Apr-16	01-Jun-16	0																									
RW7P1ANTR-PV	RW7, Phase 1A, Pavement, Cure Last PCC Pavement, Toll 3144+00 to 3176+00	7	02-Jun-16	08-Jun-16	70																									
RW7P1ANTR-PE	RW7, Phase 1A, Permanent Barriers, Toll 3144+00 to 3176+00	11	10-Jun-16	30-Jun-16	36																									
RW7P1ANTR-PS	RW7, Phase 1A, Striping, Toll 3144+00 to 3176+00	3	01-Jul-16	07-Jul-16	40																									
<b>Northbound</b>																														
<b>134+80 to 137+00 (MSE Wall 9)</b>																														
RW7P1ANNB	RW7, Phase 1A, MSE Wall 9, NB 143+73 to 137+04(Con A)	16	10-May-16	06-Jun-16	33																									
RW7P1ANNB9	RW7, Phase 1A, MSE Wall 9 Pavement, NB 143+73 to 137+04(Con A)	6	08-Jun-16	20-Jun-16	33																									
<b>137+00 to 148+00</b>																														
RW7P1ANNB	RW7, Phase 1A, Excavation, NB 137+00 to 148+00 (Conn A)	9	22-Apr-16	09-May-16	33																									
RW7P1ANNB	RW7, Phase 1A, Subgrade, NB 137+00 to 148+00 (Conn A)	9	26-Apr-16	12-May-16	53																									
RW7P1ANNB	RW7, Phase 1A, Pavement, NB 137+00 to 148+00 (Conn A)	5	22-Jun-16	29-Jun-16	33																									
RW7P1ANNB-P	RW7, Phase 1A, Pavement, Cure Last PCC Pavement, NB 137+00 to 148+00 (Conn A)	7	30-Jun-16	06-Jul-16	61																									



Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart (2015-2019)														
						2015			2016			2017			2018			2019		
						J			J			J			A					
RW7P1ANNB-F				15-Jul-16	34															
RW7P1ANNB-	RW7, Phase 1A, Striping, NB 137+00 to 148+00 (Conn A)	2	18-Jul-16	20-Jul-16	34															
<b>110+32 to 112+58 (MSE Wall 8)</b>																				
RW7P1ANSBf	RW7, Phase 1A, MSE Wall 8, SB 110+32 to 112+58 (Con D)	13	08-Jun-16	01-Jul-16	106															
RW7P1ANSB8-	RW7, Phase 1A, MSE Wall 8 Pavement, SB 143+73 to 137+04(Con A)	4	05-Jul-16	11-Jul-16	106															
<b>Temporary Paving</b>																				
					39															
<b>3083+00 to 3087+35</b>																				
RW7P1ASTR/	RW7, Phase 1A, Remove High Mast Lighting South of IH 610	2	25-Feb-16	26-Feb-16	109															
RW7P1ASTR-	RW7, Phase 1A, 2 ea 10 X 10 culverts (±3091+80)	20	06-May-16	10-Jun-16	166															
RW7P1ASTR/	RW7, Phase 1A, Excavation, Toll 3083+00 to 3087+35	3	17-Jun-16	22-Jun-16	164															
RW7P1ASTR/	RW7, Phase 1A, Subgrade, Toll 3083+00 to 3087+35	5	24-Jun-16	30-Jun-16	164															
RW7P1ASTR/	RW7, Phase 1A, Pavement, Toll 3083+00 to 3087+35	5	01-Jul-16	11-Jul-16	164															
<b>SEQ 8A, Overpass at Bellfort (3087+35 to 3091+10)</b>																				
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, Drill & Concrete Shafts	12	25-Feb-16	18-Mar-16	164															
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, Footings	27	07-Mar-16	21-Apr-16	164															
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, Columns	23	23-Mar-16	29-Apr-16	164															
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, Abutments/Wing Walls	25	23-Mar-16	04-May-16	166															
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, Bent Caps	19	30-Mar-16	02-May-16	164															
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, Cure Caps	7	03-May-16	09-May-16	314															
RW7P1ASTR-S	RW7, Phase 1A, Bellfort Bridge SEQ8A, Set Girders/Precast Panels/O'hangs	9	10-May-16	24-May-16	164															
RW7P1ASTR-	RW7, Phase 1A, Bellfort Bridge SEQ8A, F/R/P Deck	18	19-May-16	22-Jun-16	164															
RW7P1ASTR(	RW7, Phase 1A, Excavation, Toll 3091+70 to 3098+00	4	24-Jun-16	29-Jun-16	166															
RW7P1ASTR(	RW7, Phase 1A, Subgrade, Toll 3091+70 to 3098+00	4	01-Jul-16	08-Jul-16	165															
RW7P1ASTR(	RW7, Phase 1A, Pavement, Toll 3091+70 to 3098+00	6	13-Jul-16	25-Jul-16	164															
RW7P1ASTR(-	RW7, Phase 1A, Permanent Barriers, SB, Toll 3083+00 to 3109+00	7	26-Jul-16	04-Aug-16	164															
RW7P1ASTR(-	RW7, Phase 1A, Permanent Barriers, Center, Toll 3083+00 to 3098+00	2	05-Aug-16	08-Aug-16	164															
RW7P1ASTR(-	RW7, Phase 1A, Permanent Barriers, NB, Toll 3083+00 to 3100+00	2	09-Aug-16	11-Aug-16	164															
RW7P1ASTR(	RW7, Phase 1A, Striping, Toll 3083+00 to 3100+00	5	12-Aug-16	19-Aug-16	164															
<b>Drainage</b>																				
<b>23108+00 to 23116+50 (NB GP)</b>																				
RW7P1ASNB/	RW7, Phase 1A, Excavation, 23108+00 to 23116+50(NB GP)	4	24-Feb-16	29-Feb-16	250															
RW7P1ASNB/	RW7, Phase 1A, Subgrade, 23108+00 to 23116+50(NB GP)	6	02-Mar-16	14-Mar-16	250															
RW7P1ASNB/	RW7, Phase 1A, Pavement, 23108+00 to 23116+50(NB GP)	7	15-Mar-16	24-Mar-16	250															
<b>SEQ 9D, NB, Con B Overpass at Holmes Rd (23116+50 to 23119+00)</b>																				



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J												J												J												J												J											
RW7P1ASNB-S	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Drill & Concrete Shafts	12	24-Feb-16	17-Mar-16	156													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Drill & Concrete Shafts																																															
RW7P1ASNB-	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Footings	27	04-Mar-16	19-Apr-16	423													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Footings																																															
RW7P1ASNB-	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Columns	23	22-Mar-16	28-Apr-16	423													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Columns																																															
RW7P1ASNB-S	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Abutments/Wing Walls	25	22-Mar-16	02-May-16	425													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Abutments/Wing Walls																																															
RW7P1ASNB-	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Bent Caps	19	29-Mar-16	29-Apr-16	423													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Bent Caps																																															
RW7P1ASNB-	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Cure Caps	7	30-Apr-16	06-May-16	800													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Cure Caps																																															
RW7P1ASNB-S	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Set Girders/Precast Panels/O'hangs	9	09-May-16	23-May-16	423													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), Set Girders/Precast Panels/O'hangs																																															
RW7P1ASNB-	RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), F/R/P Deck	18	17-May-16	20-Jun-16	423													■ RW7, Phase 1A, Holmes Bridge SEQ9D (23116+50), F/R/P Deck																																															
<b>23119+00 to 23123+00 (NB GP)</b>																																																																	
RW7P1ASNBC-	RW7, Phase 1A, MSE Wall 6(Partial), NB GP, 23119+00 to 23123+00	22	24-Feb-16	31-Mar-16	80													■ RW7, Phase 1A, MSE Wall 6(Partial), NB GP, 23119+00 to 23123+00																																															
RW7P1ASNBC-	RW7, Phase 1A, MSE Wall 6(Partial) Pavement, 23119+00 to 23123+00 (NB GP)	6	01-Apr-16	12-Apr-16	80													■ RW7, Phase 1A, MSE Wall 6(Partial) Pavement, 23119+00 to 23123+00 (NB GP)																																															
RW7P1ASNBC-	RW7, Phase 1A, Permanent Barriers, NB GP, 23119+00 to 23123+00	7	22-Jun-16	01-Jul-16	423													■ RW7, Phase 1A, Permanent Barriers, NB GP, 23119+00 to 23123+00																																															
RW7P1ASNBC-	RW7, Phase 1A, Striping, NB GP, 23108+00 to 23123+00	5	05-Jul-16	13-Jul-16	423													■ RW7, Phase 1A, Striping, NB GP, 23108+00 to 23123+00																																															
<b>Southbound</b>																																																																	
<b>SB, 156+00 TO 154+01</b>																																																																	
RW7P1ASSB/	RW7, Phase 1A, Excavation, SB 156+00 TO 154+01(Con C)	3	15-Jul-16	20-Jul-16	158													■ RW7, Phase 1A, Excavation, SB 156+00 TO 154+01(Con C)																																															
RW7P1ASSB/	RW7, Phase 1A, Subgrade, SB 156+00 TO 154+01(Con C)	3	22-Jul-16	26-Jul-16	174													■ RW7, Phase 1A, Subgrade, SB 156+00 TO 154+01(Con C)																																															
RW7P1ASSB/	RW7, Phase 1A, Pavement, SB 156+00 TO 154+01(Con C)	5	27-Jul-16	02-Aug-16	174													■ RW7, Phase 1A, Pavement, SB 156+00 TO 154+01(Con C)																																															
<b>SEQ 9E, SB Overpass at Holmes Rd (154+01 TO 150+20)</b>																																																																	
RW7P1ASSB-S	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Drill & Concrete Shafts	12	18-Mar-16	04-Apr-16	156													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Drill & Concrete Shafts																																															
RW7P1ASSB-	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Footings	27	25-Mar-16	12-May-16	156													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Footings																																															
RW7P1ASSB-	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Columns	23	11-Apr-16	20-May-16	156													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Columns																																															
RW7P1ASSB-S	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Abutments/Wing Walls	25	11-Apr-16	24-May-16	160													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Abutments/Wing Walls																																															
RW7P1ASSB-	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Bent Caps	19	19-Apr-16	23-May-16	156													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Bent Caps																																															
RW7P1ASSB-	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Cure Caps	7	24-May-16	30-May-16	300													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Cure Caps																																															
RW7P1ASSB-S	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Set Girders/Precast Panels/O'hangs	9	31-May-16	15-Jun-16	158													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), Set Girders/Precast Panels/O'hangs																																															
RW7P1ASSB-	RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), F/R/P Deck	18	08-Jun-16	13-Jul-16	158													■ RW7, Phase 1A, Holmes Bridge SEQ9E (152+00), F/R/P Deck																																															
<b>SB, 150+20 TO 146+00</b>																																																																	
RW7P1ASSB(-	RW7, Phase 1A, MSE Wall 5, SB 150+20 to 146+00 (Con C)	24	22-Jul-16	30-Aug-16	158													■ RW7, Phase 1A, MSE Wall 5, SB 150+20 to 146+00 (Con C)																																															
RW7P1ASSB(-	RW7, Phase 1A, Pavement, SB 150+20 to 146+00 (Con C)	6	31-Aug-16	08-Sep-16	158													■ RW7, Phase 1A, Pavement, SB 150+20 to 146+00 (Con C)																																															
<b>Permanent Barriers</b>																																																																	
				19-Sep-16	374																																																												
		2	21-Sep-16	23-Sep-16	374																																																												
		2	26-Sep-16	28-Sep-16	374																																																												
<b>Permanent signing and Markings</b>																																																																	





Activity ID		Activity Name		OD	Start	Finish	Total Float	Gantt Chart											
								2015		2016		2017		2018		2019			
RW7P1ASSB-		RW7, Phase 1A, SB, Striping, 23083+00 to 23123+00		5	30-Sep-16	10-Oct-16	374	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1A, SB, Striping; 23083+00 to 23123+00                 </div>											
<b>Temporary Paving</b>																			
RW7P1AS-TP-100		RW7, Phase 1A, South of IH610, Temp Paving		8	09-Sep-16	21-Sep-16	158	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1A, South of IH610, Temp Paving                 </div>											
<b>IH610</b>																			
RW7P1A610W-TC-		RW7, Phase 1A, IH 610, West Side Set Traffic Barriers		15	15-Feb-16	14-Mar-16	50	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1A, IH 610, West Side Set Traffic Barriers                 </div>											
RW7P1A610W-TP-		RW7, Phase 1A, IH 610, West Side Temp Paving		20	15-Mar-16	15-Apr-16	65	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1A, IH 610, West Side Temp Paving                 </div>											
RW7P1A610E-TC-1		RW7, Phase 1A, IH 610, East Side Set Traffic Barriers		15	15-Mar-16	06-Apr-16	50	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1A, IH 610, East Side Set Traffic Barriers                 </div>											
RW7P1A610E-TP-1		RW7, Phase 1A, IH 610, East Side Temp Paving		20	08-Apr-16	13-May-16	50	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1A, IH 610, East Side Temp Paving                 </div>											
<b>Phase 1B</b>																			
<b>On SH 288, North of IH 610</b>																			
<b>Traffic Control and Temporary Work</b>																			
						25-Apr-16	87	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #8-EB on IH610@ 140+00                 </div>											
				5	16-May-16	23-May-16	50	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #6-WB on IN 610 @ 183+00                 </div>											
				5	20-Jun-16	28-Jun-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #7-EB on IN 610 @ 171+50                 </div>											
				5	22-Jul-16	28-Jul-16	34	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #3-NB on SH288 @ 3163+00                 </div>											
				5	29-Jul-16	05-Aug-16	41	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #4-SB on SH288 @ 3176+00                 </div>											
				5	08-Aug-16	15-Aug-16	267	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #5-NB on SH288 @ 3176+00                 </div>											
				5	15-Sep-16	23-Sep-16	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #2-NB on SH288 @ 3144+00 to                 </div>											
				10	21-Sep-16	11-Oct-16	390	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Temp Paving on SH288 &amp; IH610 (North of IH 610)                 </div>											
				5	23-Sep-16	03-Oct-16	158	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Set Temp Barriers &amp; Shift Traffic #1-Toll @ 3082+00 to 3103+00                 </div>											
				3	07-Oct-16	11-Oct-16	287	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Setup MOT for EB Holly Hall Demo &amp; Rebuild                 </div>											
				3	28-Apr-17	03-May-17	288	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Remove MOT for EB Holly Hall and open Bridge                 </div>											
<b>Removals</b>																			
RW7P1BN-RE-10		RW7, Phase 1B, Remove High Mast Lighting.		5	29-Feb-16	09-Mar-16	109	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Remove High Mast Lighting.                 </div>											
<b>Connectors</b>																			
<b>North East</b>																			
<b>Connector A, Ab 9&gt;Ab25</b>																			
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), Clear & Gubb		3	26-Sep-16	30-Sep-16	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), Clear &amp; Gubb                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), Excavate 75% of Detention Pond NE #2		25	30-Sep-16	14-Nov-16	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), Excavate 75% of Detention Pond NE                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), Drill & Concrete Shafts		38	11-Oct-16	21-Dec-16	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), Drill &amp; Concrete Shafts                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), F/R/P Footings		33	27-Oct-16	29-Dec-16	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), F/R/P Footings                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), F/R/P Columns		39	04-Nov-16	24-Jan-17	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), F/R/P Columns                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), F/R/P Bent Caps		44	16-Nov-16	10-Feb-17	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), F/R/P Bent Caps                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), Set Girders/Precast Panels/O'hangs		19	18-Jan-17	23-Feb-17	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: red;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), Set Girders/Precast Panels/O'hangs                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), Deck Paving		68	27-Jan-17	01-Jun-17	0	<div style="border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), Deck Paving                 </div>											
RW7P1BNE		RW7, Phase 1B, Connector A(Ab9>Ab25), Cure Last Bent Cap		7	11-Feb-17	17-Feb-17	0	<div style="border: 1px solid black; padding: 2px;"> <span style="color: blue;">■</span> RW7, Phase 1B, Connector A(Ab9&gt;Ab25), Cure Last Bent Cap                 </div>											





Activity ID		Activity Name	OD	Start	Finish	Total Float	WBS											
							2015			2016			2017			2018		
RW7P1BN1					18-Apr-17	201	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <ul style="list-style-type: none"> <li>39 03-Mar-17 15-May-17 201</li> <li>60 05-Apr-17 27-Jul-17 188</li> <li>20 29-Jun-17 03-Aug-17 187</li> <li>60 10-Jul-17 24-Oct-17 187</li> <li>7 28-Jul-17 03-Aug-17 355</li> <li>5 25-Oct-17 31-Oct-17 187</li> <li>2 01-Nov-17 02-Nov-17 187</li> </ul> </div> <div style="width: 35%; font-size: small;"> <ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector D(Ab1&gt;16), F/R/P Footings</li> <li>■ RW7, Phase 1B, Connector D(Ab1&gt;16), F/R/P Columns</li> <li>□ RW7, Phase 1B, Connector D(Ab1&gt;16), F/R/P Bent Caps</li> <li>■ RW7, Phase 1B, Connector D(Ab1&gt;16), Set Girders/Precast</li> <li>□ RW7, Phase 1B, Connector D(Ab1&gt;16), Deck Paving</li> <li>■ RW7, Phase 1B, Connector D(Ab1&gt;16), Cure Last Bent Cap</li> <li>■ RW7, Phase 1B, Connector D(Ab1&gt;16), Permanent Bar</li> <li>■ RW7, Phase 1B, Connector D(Ab1&gt;16), Striping</li> </ul> </div> </div>											
<b>Connector H, 6&gt;7</b>																		
RW7P1BN1	RW7, Phase 1B, Connector H(6>7), Clear & Grub	4	10-Oct-16	14-Oct-16	19		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), Clear &amp; Grub</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(6>7), Drill & Concrete Shafts	4	17-Oct-16	21-Oct-16	20		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), Drill &amp; Concrete Shafts</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(6>7), F/R/P Footings	8	25-Oct-16	04-Nov-16	20		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), F/R/P Footings</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(6>7), F/R/P Columns	13	02-Nov-16	23-Nov-16	23		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), F/R/P Columns</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(6>7), F/R/P Bent Caps	11	10-Nov-16	01-Dec-16	25		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), F/R/P Bent Caps</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(6>7), Cure Last Bent Cap	7	02-Dec-16	08-Dec-16	76		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), Cure Last Bent Cap</li> </ul>											
RW7P1BNW	RW7, Phase 1B, Connector H(6>7), Set Girders/Precast Panels/O'hangs	11	09-Dec-16	29-Dec-16	37		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(6&gt;7), Set Girders/Precast Panels/O'hangs</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(C12>H7), Deck Paving	48	30-Dec-16	31-Mar-17	37		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(C12&gt;H7), Deck Paving</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector H(C12>H7), Permanent Barriers	3	03-Apr-17	07-Apr-17	37		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector H(C12&gt;H7), Permanent Barriers</li> </ul>											
<b>Connector E, D8&gt;5</b>																		
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), Clear & Grub	4	24-Oct-16	27-Oct-16			<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Clear &amp; Grub</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), Drill & Concrete Shafts	6	16-Dec-16	27-Dec-16	213		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Drill &amp; Concrete Shafts</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), F/R/P Footings	8	24-Jan-17	03-Feb-17	201		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), F/R/P Footings</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), F/R/P Columns	8	03-Feb-17	21-Feb-17	199		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), F/R/P Columns</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), F/R/P Bent Caps	16	08-Mar-17	03-Apr-17	188		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), F/R/P Bent Caps</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), Cure Last Bent Cap	7	04-Apr-17	10-Apr-17	493		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Cure Last Bent Cap</li> </ul>											
RW7P1BNW	RW7, Phase 1B, Connector E(D8>5), Set Girders/Precast Panels/O'hangs	9	21-Apr-17	05-May-17	256		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Set Girders/Precast Panels/O'hangs</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), Deck Paving	20	02-Jun-17	12-Jul-17	249		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Deck Paving</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), Permanent Barriers	2	14-Jul-17	17-Jul-17	249		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Permanent Barriers</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector E(D8>5), Striping	1	19-Jul-17	19-Jul-17	249		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector E(D8&gt;5), Striping</li> </ul>											
<b>Connector G, 7&gt;11</b>																		
RW7P1BN1	RW7, Phase 1B, Connector G(7>11), Clear & Grub	4	31-Oct-16	04-Nov-16	241		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), Clear &amp; Grub</li> </ul>											
		6	28-Dec-16	06-Jan-17	216		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), Drill &amp; Concrete Shafts</li> </ul>											
		8	06-Feb-17	22-Feb-17	201		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), F/R/P Footings</li> </ul>											
		6	22-Feb-17	01-Mar-17	201		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), F/R/P Columns</li> </ul>											
		16	28-Jul-17	22-Aug-17	192		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), F/R/P Bent Caps</li> </ul>											
		7	23-Aug-17	29-Aug-17	365		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), Cure Last Bent Cap</li> </ul>											
		9	31-Aug-17	15-Sep-17	193		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), Set Girders/Precast</li> </ul>											
		16	18-Sep-17	17-Oct-17	193		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(7&gt;11), Deck Paving</li> </ul>											
		4	18-Oct-17	23-Oct-17	193		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(B4&gt;11), Permanent Bar</li> </ul>											
RW7P1BN1	RW7, Phase 1B, Connector G(B4>11), Striping	2	24-Oct-17	25-Oct-17	193		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, Connector G(B4&gt;11), Striping</li> </ul>											
<b>23157+00 to 23176+00</b>																		
RW7P1BNNB	RW7, Phase 1B, NB GP Excavation, 23157+00 to 23176+00	14	16-Aug-16	07-Sep-16	267		<ul style="list-style-type: none"> <li>■ RW7, Phase 1B, NB GP Excavation, 23157+00 to 23176+00</li> </ul>											



Activity ID	Activity Name	OD	Start	Finish	Total Float	2015					2016					2017					2018					2019				
						J					J					J					A					J				
RW7P1BNNB	RW7, Phase 1B, NB GP Subgrade, 23157+00 to 23176+00	14	25-Aug-16	14-Sep-16	362																									
RW7P1BNNB	RW7, Phase 1B, NB GP Pavement, 23157+00 to 23176+00	21	15-Sep-16	25-Oct-16	362																									
RW7P1BNNB1	RW7, Phase 1B, NB GP Pavement, Cure Last PCC, 23157+00 to 23176+00	7	26-Oct-16	01-Nov-16	684																									
RW7P1BNNB	RW7, Phase 1B, NB GP Striping, 23157+00 to 23176+00	4	02-Nov-16	07-Nov-16	361																									
<b>Southbound</b>																														
<b>23160+00 TO 23176+00</b>																														
				26-Aug-16	372																									
		12	16-Aug-16	02-Sep-16	374																									
		10	06-Sep-16	19-Sep-16	374																									
		7	20-Sep-16	26-Sep-16	709																									
		4	28-Sep-16	05-Oct-16	375																									
<b>23156+00 TO 23163+00</b>																														
RW7P1BNSBI	RW7, Phase 1B, SB GP Excavation, 23156+00 to 23163+00	8	29-Aug-16	08-Sep-16	372																									
RW7P1BNSBI	RW7, Phase 1B, SB GP Subgrade, 23156+00 to 23163+00	8	06-Sep-16	15-Sep-16	372																									
RW7P1BNSBI	RW7, Phase 1B, SB GP Pavement, 23156+00 to 23163+00	9	16-Sep-16	05-Oct-16	372																									
RW7P1BNSBB	RW7, Phase 1B, SB GP Pavement, Cure Last PCC, 23156+00 to 23163+00	7	06-Oct-16	12-Oct-16	701																									
RW7P1BNSBI	RW7, Phase 1B, SB GP Striping, 23156+00 to 23163+00	1	13-Oct-16	13-Oct-16	372																									
<b>Bridges</b>																														
<b>SEQ 11, EB Underpass at Holly Hall (3160+00)</b>																														
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Demo Existing Bridge	20	13-Oct-16	16-Nov-16	287																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, Drill & Concrete Shafts	6	17-Nov-16	28-Nov-16	287																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, F/R/P Footings	6	30-Nov-16	09-Dec-16	287																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, Columns	7	12-Dec-16	23-Dec-16	287																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, Abutments/Wing Walls	25	12-Dec-16	30-Jan-17	287																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, Bent Caps	11	27-Dec-16	16-Jan-17	294																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, Cure Caps	14	31-Jan-17	13-Feb-17	542																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Phase 1B, Set Girders/Precast Panels/O'hangs	7	15-Feb-17	27-Feb-17	288																									
RW7P1B-SEC	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), F/R/P Deck	26	24-Feb-17	12-Apr-17	288																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Cure Last Deck Pour	7	13-Apr-17	19-Apr-17	540																									
RW7P1B-SEQ1	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Permanent Barriers	4	20-Apr-17	25-Apr-17	288																									
RW7P1B-SEC	RW7, Phase 1B, Holly Hall EB SEQ11(3160+00), Striping	2	26-Apr-17	27-Apr-17	288																									
<b>On SH 288, South of IH 610</b>																														
<b>Traffic Control and Temporary Work</b>																														
<b>Northbound</b>																														

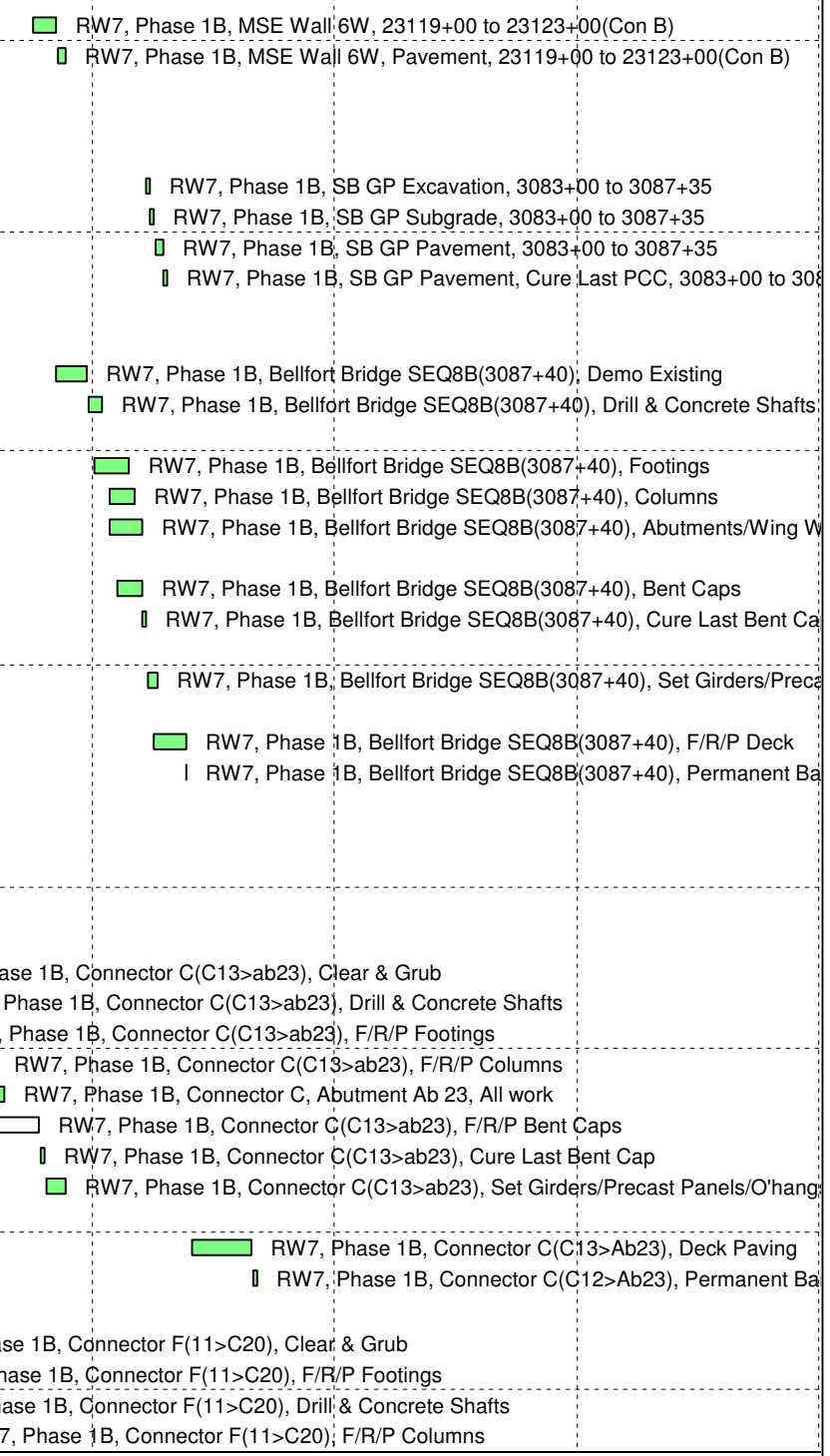


Activity ID		Activity Name		OD	Start	Finish	Total Float	Year								
								2015	2016	2017	2018	2019				
<b>3083+00 to 3087+35</b>																
						29-Mar-17	245									
				4	30-Mar-17	05-Apr-17	272									
				6	07-Apr-17	18-Apr-17	272									
				7	19-Apr-17	25-Apr-17	509									
	RW7P1BS-SE	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Demo Existing		20	05-Oct-16	07-Nov-16	158									
	RW7P1BS-SEQ	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Drill & Concrete Shafts		11	09-Nov-16	30-Nov-16	165									
	RW7P1BS-SE	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Footings		18	18-Nov-16	23-Dec-16	165									
	RW7P1BS-SE	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Columns		22	30-Nov-16	11-Jan-17	165									
	RW7P1BS-SE	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Bent Caps		19	09-Dec-16	16-Jan-17	165									
	RW7P1BS-SEQ	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Abutments/Wing Walls		30	21-Dec-16	17-Feb-17	165									
	RW7P1BS-SE	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Cure Caps		14	17-Jan-17	30-Jan-17	316									
	RW7P1BS-SEQ	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Set Girders/Precast Panels/O'hangs		9	31-Jan-17	17-Feb-17	169									
	RW7P1BS-SE	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), F/R/P Deck		18	21-Feb-17	23-Mar-17	165									
	RW7P1BS-SEQ	RW7, Phase 1B, Bellfort Bridge SEQ8C(3087+40), Permanent Barriers		3	24-Mar-17	28-Mar-17	286									
<b>3091+10 to 3116+50</b>																
	RW7P1BSNBI	RW7, Phase 1B, NB GP Excavation, 23091+10 to 23116+50		17	30-Mar-17	28-Apr-17	245									
	RW7P1BSNBI	RW7, Phase 1B, NB GP Subgrade, 23091+10 to 23116+50		17	10-Apr-17	10-May-17	245									
	RW7P1BSNBI	RW7, Phase 1B, NB GP Pavement, 23091+10 to 23116+50		15	12-May-17	05-Jun-17	245									
	RW7P1BSNBB	RW7, Phase 1B, NB GP Pavement, Cure Last PCC, 23091+10 to 23116+50		7	06-Jun-17	12-Jun-17	461									
	RW7P1BSNBI	RW7, Phase 1B, NB GP Striping, 23083+0 to 23123+00		6	14-Jun-17	26-Jun-17	245									
<b>SEQ 9D, NB Overpass at Holmes Rd (3116+50 to 3119+00)</b>																
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Drill & Concrete Shafts		11	01-Dec-16	22-Dec-16	275									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Footings		18	12-Dec-16	16-Jan-17	275									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Columns		22	22-Dec-16	01-Feb-17	275									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Bent Caps		19	30-Dec-16	06-Feb-17	275									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Abutments/Wing Walls		30	11-Jan-17	10-Mar-17	275									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Cure Caps		14	07-Feb-17	20-Feb-17	526									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Set Girders/Precast Panels/O'hangs		8	21-Feb-17	03-Mar-17	281									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), F/R/P Deck		18	13-Mar-17	12-Apr-17	275									
	RW7P1BSB-SE	RW7, Phase 1B, Holmes Rd SEQ9D(23116+50 to 23119+00), Permanent Barriers		3	14-Apr-17	18-Apr-17	275									



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float					
						2015	2016	2017	2018	2019
						J	J	J	A	J
<b>3119+00 to 3123+00 (MSE Wall 6W)</b>										
RW7P1BNBC	RW7, Phase 1B, MSE Wall 6W, 23119+00 to 23123+00(Con B)	21	05-Oct-16	09-Nov-16	350					
RW7P1BNBC	RW7, Phase 1B, MSE Wall 6W, Pavement, 23119+00 to 23123+00(Con B)	6	10-Nov-16	21-Nov-16	350					
<b>Southbound</b>										
<b>3083+00 to 3087+35</b>										
RW7P1BSSB	RW7, Phase 1B, SB GP Excavation, 3083+00 to 3087+35	4	24-Mar-17	29-Mar-17	165					
RW7P1BSSB	RW7, Phase 1B, SB GP Subgrade, 3083+00 to 3087+35	4	30-Mar-17	05-Apr-17	165					
RW7P1BSSB	RW7, Phase 1B, SB GP Pavement, 3083+00 to 3087+35	6	07-Apr-17	18-Apr-17	165					
RW7P1BSSBA	RW7, Phase 1B, SB GP Pavement, Cure Last PCC, 3083+00 to 3087+35	7	19-Apr-17	25-Apr-17	313					
<b>SEQ 8B, SB Overpass at Bellfort (3087+35 to 3091+10)</b>										
RW7P1B-SEC	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Demo Existing	23	09-Nov-16	23-Dec-16	158					
RW7P1B-SEQ8	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Drill & Concrete Shafts	11	27-Dec-16	16-Jan-17	158					
RW7P1B-SEC	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Footings	26	05-Jan-17	24-Feb-17	158					
RW7P1B-SEC	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Columns	20	27-Jan-17	06-Mar-17	158					
RW7P1B-SEQ8	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Abutments/Wing Walls	25	27-Jan-17	17-Mar-17	161					
RW7P1B-SEC	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Bent Caps	19	08-Feb-17	17-Mar-17	158					
RW7P1B-SEQ8	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Cure Last Bent Cap	7	18-Mar-17	24-Mar-17	293					
RW7P1B-SEQ8	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Set Girders/Precast Panels/O'hangs	9	27-Mar-17	10-Apr-17	156					
RW7P1B-SEC	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), F/R/P Deck	26	03-Apr-17	22-May-17	156					
RW7P1B-SEQ8	RW7, Phase 1B, Bellfort Bridge SEQ8B(3087+40), Permanent Barriers	1	23-May-17	23-May-17	156					
<b>3091+10 to 3113+00</b>										
<b>Connectors</b>										
<b>South West</b>										
<b>Connector C, C13&gt;Ab23</b>										
					152					
		27	09-Mar-16	22-Apr-16	152					
		24	23-Mar-16	02-May-16	152					
		41	24-May-16	09-Aug-16	122					
		48	24-May-16	22-Aug-16	215					
		60	29-Jun-16	14-Oct-16	109					
		7	15-Oct-16	21-Oct-16	349					
		17	24-Oct-16	21-Nov-16	184					
		48	02-Jun-17	29-Aug-17	84					
		4	31-Aug-17	07-Sep-17	93					
<b>Connector F, 11&gt;C20</b>										
RW7P1BSV	RW7, Phase 1B, Connector F(11>C20), Clear & Grub	4	23-Feb-16	26-Feb-16	109					
RW7P1BSV	RW7, Phase 1B, Connector F(11>C20), F/R/P Footings	13	26-Feb-16	22-Mar-16	109					
RW7P1BSV	RW7, Phase 1B, Connector F(11>C20), Drill & Concrete Shafts	7	29-Feb-16	14-Mar-16	109					
RW7P1BSV	RW7, Phase 1B, Connector F(11>C20), F/R/P Columns	15	26-Apr-16	23-May-16	117					



### SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019												
						J												J												J												A												J												
RW7P1BSV				28-Jun-16	109																																																													█ RW7, Phase 1B, Connector F(11>C20), F/R/P Bent Caps
		7	29-Jun-16	05-Jul-16	217																																																													█ RW7, Phase 1B, Connector F(11>C20), Cure Last Bent Cap
		9	07-Jul-16	25-Jul-16	115																																																													█ RW7, Phase 1B, Connector F(11>C20), Set Girders/Precast Panels/O'hangs
		48	18-Jul-16	10-Oct-16	130																																																													
		4	11-Oct-16	17-Oct-16	130																																																													█ RW7, Phase 1B, Connector F(11>C20), Deck Paving
		2	22-May-17	23-May-17	18																																																													█ RW7, Phase 1B, Connector F(9>C20), Permanent Barriers █ RW7, Phase 1B, Connector F(A13>C20), Striping
<b>Connector H, C12&gt;6</b>																																																																		
RW7P1BSV	RW7, Phase 1B, Connector H(C12>6), Clear & Grub	4	15-Feb-16	19-Feb-16	109																																																													█ RW7, Phase 1B, Connector H(C12>6), Clear & Grub
RW7P1BSV	RW7, Phase 1B, Connector H(C12>6), Drill & Concrete Shafts	7	15-Mar-16	24-Mar-16	109																																																													█ RW7, Phase 1B, Connector H(C12>6), Drill & Concrete Shafts
RW7P1BSV	RW7, Phase 1B, Connector H(C12>6), F/R/P Footings	10	23-Mar-16	06-Apr-16	109																																																													█ RW7, Phase 1B, Connector H(C12>6), F/R/P Footings
RW7P1BSV	RW7, Phase 1B, Connector H(C12>6), F/R/P Columns	15	30-Mar-16	25-Apr-16	109																																																													█ RW7, Phase 1B, Connector H(C12>6), F/R/P Columns
RW7P1BSV	RW7, Phase 1B, Connector H(C12>6), F/R/P Bent Caps	23	08-Apr-16	19-May-16	109																																																													█ RW7, Phase 1B, Connector H(C12>6), F/R/P Bent Caps
RW7P1BSV	RW7, Phase 1B, Connector H(C12>6), Cure Last Bent Cap	7	20-May-16	26-May-16	276																																																													█ RW7, Phase 1B, Connector H(C12>6), Cure Last Bent Cap
RW7P1BSW	RW7, Phase 1B, Connector H(C12>6), Set Girders/Precast Panels/O'hangs	9	26-Jul-16	08-Aug-16	115																																																													█ RW7, Phase 1B, Connector H(C12>6), Set Girders/Precast Panels/O'hangs
<b>Connector C, Ab7&gt;C12</b>																																																																		
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), Clear & Grub	4	21-Mar-16	24-Mar-16																																																														█ RW7, Phase 1B, Connector C(Ab7>C12), Clear & Grub
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), Drill & Concrete Shafts	16	25-Mar-16	21-Apr-16	209																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), Drill & Concrete Shafts
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), F/R/P Footings	10	04-May-16	20-May-16	198																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), F/R/P Footings
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), F/R/P Columns	17	11-Aug-16	07-Sep-16	144																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), F/R/P Columns
RW7P1BSV	RW7, Phase 1B, Connector C, Abutment Ab 7, All work	22	11-Aug-16	14-Sep-16	144																																																													█ RW7, Phase 1B, Connector C, Abutment Ab 7, All work
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), F/R/P Bent Caps	20	17-Oct-16	18-Nov-16	109																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), F/R/P Bent Caps
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), Cure Last Bent Cap	7	19-Nov-16	25-Nov-16	214																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), Cure Last Bent Cap
RW7P1BSW	RW7, Phase 1B, Connector C(Ab7>C12), Set Girders/Precast Panels/O'hangs	12	28-Nov-16	21-Dec-16	110																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), Set Girders/Precast Panels/O'hangs
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C11 & 1/2 C12), Deck Paving	24	22-Dec-16	06-Feb-17	110																																																													█ RW7, Phase 1B, Connector C(Ab7>C11 & 1/2 C12), Deck Paving
RW7P1BSV	RW7, Phase 1B, Connector C(Ab7>C12), Permanent Barriers	2	08-Feb-17	10-Feb-17	205																																																													█ RW7, Phase 1B, Connector C(Ab7>C12), Permanent Barriers
<b>Connector G, 4&gt;7</b>																																																																		
RW7P1BSV	RW7, Phase 1B, Connector G(4>7), Clear & Grub	4	15-Apr-16	21-Apr-16	222																																																													█ RW7, Phase 1B, Connector G(4>7), Clear & Grub
		4	22-Apr-16	28-Apr-16	222																																																													█ RW7, Phase 1B, Connector G(4>7), Drill & Concrete Shafts
		6	23-May-16	01-Jun-16	210																																																													█ RW7, Phase 1B, Connector G(4>7), F/R/P Footings
		8	08-Sep-16	19-Sep-16	157																																																													█ RW7, Phase 1B, Connector G(4>7), F/R/P Columns
		12	21-Nov-16	14-Dec-16	125																																																													█ RW7, Phase 1B, Connector G(4>7), F/R/P Bent Caps
		7	15-Dec-16	21-Dec-16	238																																																													█ RW7, Phase 1B, Connector G(4>7), Cure Last Bent Cap
		8	22-Dec-16	05-Jan-17	126																																																													█ RW7, Phase 1B, Connector G(4>7), Set Girders/Precast Panels/O'hangs
		16	08-Feb-17	10-Mar-17	110																																																													█ RW7, Phase 1B, Connector G(4>7), Deck Paving
<b>South East</b>																																																																		
<b>Connector B, Ab1&gt;Ab17</b>																																																																		
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Clear & Grub	4	26-Feb-16	04-Mar-16	299																																																													█ RW7, Phase 1B, Connector B(Ab1>Ab17), Clear & Grub
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Drill & Concrete Shafts	40	07-Mar-16	16-May-16	306																																																													█ RW7, Phase 1B, Connector B(Ab1>Ab17), Drill & Concrete Shafts
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), F/R/P Footings	30	31-Mar-16	24-May-16	306																																																													█ RW7, Phase 1B, Connector B(Ab1>Ab17), F/R/P Footings
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), F/R/P Columns	43	11-Apr-16	29-Jun-16	306																																																													█ RW7, Phase 1B, Connector B(Ab1>Ab17), F/R/P Columns
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), F/R/P Bent Caps	63	19-May-16	09-Sep-16	290																																																													█ RW7, Phase 1B, Connector B(Ab1>Ab17), F/R/P Bent Caps
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Cure Last Bent Cap	7	10-Sep-16	16-Sep-16	556																																																													█ RW7, Phase 1B, Connector B(Ab1>Ab17), Cure Last Bent Cap



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015			2016			2017			2018		
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Set Girders/Precast Panels/O'hangs	21	19-Sep-16	27-Oct-16	290	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector B(Ab1&gt;Ab17), Set Girders/Precast Panels/O'hangs                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Deck Paving	68	28-Oct-16	13-Mar-17	290	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector B(Ab1&gt;Ab17), Deck Paving                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Permanent Barriers	7	15-Mar-17	24-Mar-17	290	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector B(Ab1&gt;Ab17), Permanent Barriers                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector B(Ab1>Ab17), Striping	4	27-Mar-17	30-Mar-17	290	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector B(Ab1&gt;Ab17), Striping                 </div>											
<b>Connector F, 9&gt;11</b>																	
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), Clear & Gubb	3	15-Feb-16	18-Feb-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), Clear &amp; Gubb                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), Drill & Concrete Shafts	5	19-Feb-16	26-Feb-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), Drill &amp; Concrete Shafts                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), F/R/P Footings	4	29-Feb-16	07-Mar-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), F/R/P Footings                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), F/R/P Columns	9	09-Mar-16	23-Mar-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), F/R/P Columns                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), F/R/P Bent Caps	11	24-Mar-16	11-Apr-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), F/R/P Bent Caps                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), Cure Last Bent Cap	7	12-Apr-16	18-Apr-16	66	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), Cure Last Bent Cap                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), Set Girders/Precast Panels/O'hangs	6	19-Apr-16	28-Apr-16	34	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), Set Girders/Precast Panels/O'hangs                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), Deck Paving	16	28-Apr-16	26-May-16	155	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), Deck Paving                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector F(9>11), Cure Last Deck Pour	7	27-May-16	02-Jun-16	378	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector F(9&gt;11), Cure Last Deck Pour                 </div>											
<b>Connector E, 8&gt;B14</b>																	
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Clear & Grub	4	19-Feb-16	25-Feb-16	47	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Clear &amp; Grub                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Drill & Concrete Shafts	3	29-Feb-16	04-Mar-16	46	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Drill &amp; Concrete Shafts                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), F/R/P Footings	4	09-Mar-16	15-Mar-16	45	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), F/R/P Footings                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), F/R/P Columns	3	24-Mar-16	28-Mar-16	40	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), F/R/P Columns                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), F/R/P Bent Caps	8	12-Apr-16	25-Apr-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), F/R/P Bent Caps                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Cure Last Bent Cap	7	26-Apr-16	02-May-16	63	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Cure Last Bent Cap                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Set Girders/Precast Panels/O'hangs	8	04-May-16	17-May-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Set Girders/Precast Panels/O'hangs                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Deck Paving	16	19-May-16	17-Jun-16	32	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Deck Paving                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Permanent Barriers	2	20-Jun-16	22-Jun-16	455	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Permanent Barriers                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector E(8>B14), Striping	1	24-Jun-16	24-Jun-16	455	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector E(8&gt;B14), Striping                 </div>											
<b>Connector G, B4&gt;4</b>																	
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), Clear & Grub	4	07-Mar-16	14-Mar-16	299	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), Clear &amp; Grub                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), Drill & Concrete Shafts	4	15-Mar-16	21-Mar-16	299	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), Drill &amp; Concrete Shafts                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), F/R/P Footings	6	22-Mar-16	29-Mar-16	299	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), F/R/P Footings                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), F/R/P Columns	6	30-Mar-16	08-Apr-16	299	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), F/R/P Columns                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), F/R/P Bent Caps	12	26-Apr-16	17-May-16	290	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), F/R/P Bent Caps                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), Cure Last Bent Cap	7	18-May-16	24-May-16	719	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), Cure Last Bent Cap                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), Set Girders/Precast Panels/O'hangs	8	30-Dec-16	16-Jan-17	262	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), Set Girders/Precast Panels/O'hangs                 </div>											
RW7P1BSE	RW7, Phase 1B, Connector G(B4>4), Deck Paving	16	01-May-17	30-May-17	207	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, Connector G(B4&gt;4), Deck Paving                 </div>											
<b>On IH 610, West of SH 288</b>																	
<b>Eastbound</b>																	
<b>MSE Wall 21N,E,S</b>																	
				03-Jun-16	261	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, EB IH610 MSE Wall 21, 148+50 to 151+60                 </div>											
		5	20-Jul-16	27-Jul-16	261	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, EB IH610 MSE Wall 21 Pavement, 148+50 to 151+60                 </div>											
<b>140+00 to 148+50</b>																	
RW7P1BWEB	RW7, Phase 1B, EB IH610 Excavation, 140+00 to 148+50	7	06-Jun-16	20-Jun-16	261	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, EB IH610 Excavation, 140+00 to 148+50                 </div>											
RW7P1BWEB	RW7, Phase 1B, EB IH610 Subgrade, 140+00 to 148+50	7	22-Jun-16	01-Jul-16	261	<div style="border: 1px solid black; padding: 2px;"> <span style="color: green;">■</span> RW7, Phase 1B, EB IH610 Subgrade, 140+00 to 148+50                 </div>											





**SH 288 Toll Lanes Project in Harris County**  
**WBS**

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J												J												J												J												J											
RW7P1BWEB	RW7, Phase 1B, EB IH610 Pavement, 140+00 to 148+50	7	05-Jul-16	18-Jul-16	261													█ RW7, Phase 1B, EB IH610 Pavement, 140+00 to 148+50																																															
RW7P1BWEBA	RW7, Phase 1B, EB IH610 Pavement, Cure Last PCC, 140+00 to 151+60	7	28-Jul-16	03-Aug-16	487													█ RW7, Phase 1B, EB IH610 Pavement, Cure Last PCC, 140+00 to 151+60																																															
<b>Westbound</b>																																																																	
<b>On IH 610, East of SH 288</b>																																																																	
<b>Eastbound</b>																																																																	
<b>MSE Wall 27</b>																																																																	
RW7P1BEEB2	RW7, Phase 1B, MSE Wall 27, 122+94 to 125+93 (Con B)	22	29-Jun-16	08-Aug-16	102													█ RW7, Phase 1B, MSE Wall 27, 122+94 to 125+93 (Con B)																																															
RW7P1BEEB27	RW7, Phase 1B, MSE Wall 27, Pavement, 122+94 to 125+93 (Con B)	6	09-Aug-16	18-Aug-16	102													█ RW7, Phase 1B, MSE Wall 27, Pavement, 122+94 to 125+93 (Con B)																																															
<b>Westbound</b>																																																																	
<b>MSE Wall 28</b>																																																																	
RW7P1BEWB	RW7, Phase 1B, IH610 MSE Wall 28, 221+20 to 225+ (Con G)	22	24-May-16	05-Jul-16	167													█ RW7, Phase 1B, IH610 MSE Wall 28, 221+20 to 225+ (Con G)																																															
RW7P1BEWB2	RW7, Phase 1B, IH610 MSE Wall 28, Pavement, 221+20 to 225+00 (Con G)	7	07-Jul-16	20-Jul-16	172													█ RW7, Phase 1B, IH610 MSE Wall 28, Pavement, 221+20 to 225+00 (Con G)																																															
<b>186+00 to 193+00</b>																																																																	
RW7P1BEWB	RW7, Phase 1B, WB IH610 Excavation, 186+00 to 193+00	6	07-Jul-16	18-Jul-16	167													█ RW7, Phase 1B, WB IH610 Excavation, 186+00 to 193+00																																															
RW7P1BEWB	RW7, Phase 1B, WB IH610 Subgrade, 186+00 to 193+00	6	20-Jul-16	28-Jul-16	167													█ RW7, Phase 1B, WB IH610 Subgrade, 186+00 to 193+00																																															
RW7P1BEWB	RW7, Phase 1B, WB IH610 Pavement, 186+00 to 193+00	6	29-Jul-16	08-Aug-16	167													█ RW7, Phase 1B, WB IH610 Pavement, 186+00 to 193+00																																															
RW7P1BEWBA	RW7, Phase 1B, WB IH610 Pavement, Cure Last PCC, 186+00 to 193+00	7	09-Aug-16	15-Aug-16	315													█ RW7, Phase 1B, WB IH610 Pavement, Cure Last PCC, 186+00 to 193+00																																															
RW7P1BEWB	RW7, Phase 1B, WB GP Striping, 183+50 to 193+00	1	16-Aug-16	16-Aug-16	166													█ RW7, Phase 1B, WB GP Striping, 183+50 to 193+00																																															
<b>Phase 2A</b>																																																																	
<b>Traffic Control and Temporary Work</b>																																																																	
RW7P2A-TC-103	RW7, Phase 2A, Set Temp Barriers & Shift Traffic #3-EB IH 610 @ 180+00	5	09-Aug-16	16-Aug-16	354													█ RW7, Phase 2A, Set Temp Barriers & Shift Traffic #3-EB IH 610 @ 180+00																																															
RW7P2A-TP-100	RW7, Phase 2A, All Temporary Paving This Phase	5	23-Sep-16	03-Oct-16	41													█ RW7, Phase 2A, All Temporary Paving This Phase																																															
RW7P2A-TC-104	RW7, Phase 2A, Set Temp Barriers & Shift Traffic #4-SB SH288 @ 23176+00	5	13-Oct-16	20-Oct-16	390													█ RW7, Phase 2A, Set Temp Barriers & Shift Traffic #4-SB SH288 @ 23176+00																																															
RW7P2A-TC-102	RW7, Phase 2A, Set Temp Barriers & Shift Traffic #2-EB IH 610@ 140+00 to Con H	5	12-May-17	19-May-17	112													█ RW7, Phase 2A, Set Temp Barriers & Shift Traffic #2-EB IH 610@																																															
RW7P2A-TC-101	RW7, Phase 2A, Set Temp Barriers & Shift Traffic #1-NB SH 288, Connectors A&F	5	28-Jun-17	05-Jul-17	0													█ RW7, Phase 2A, Set Temp Barriers & Shift Traffic #1-NB SH 2																																															
<b>Connectors</b>																																																																	
<b>Northeast</b>																																																																	
RW7P2ANE-CONF	RW7, Phase 2A, Demolish Existing Connector EB 610 to NB 288(Connector H NE)	53	22-May-17	24-Aug-17	182													█ RW7, Phase 2A, Demolish Existing Connector EB 610 to N																																															
RW7P2ANE-CONF	RW7, Phase 2A, Demolish Existing Connector WB 610 to SB 288(Connector F-NE)	53	07-Jul-17	11-Oct-17	157													█ RW7, Phase 2A, Demolish Existing Connector WB 610																																															
RW7P2ANE-CONF	RW7, Phase 2A, Excavate25% of Detention Pond & Drain Piping NE1 #1	45	25-Aug-17	13-Nov-17	182													█ RW7, Phase 2A, Excavate25% of Detention Pond & D																																															
RW7P2ANE-CONF	RW7, Phase 2A, Exccavate 25% of Detention Pond & Drain Piping NE #2	45	13-Oct-17	03-Jan-18	157													█ RW7, Phase 2A, Exccavate 25% of Detention Por																																															
<b>Northwest</b>																																																																	
<b>Southwest</b>																																																																	



## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J												J												J												A												J											
RW7P2ASW-CON	RW7, Phase 2A, Demolish Existing Connector EB 610 to NB 288(Connector H SW)	53	22-May-17	24-Aug-17	227																									■ RW7, Phase 2A, Demolish Existing Connector EB 610 to NB																																			
RW7P2ASW-CON	RW7, Phase 2A, Demolish Existing Connector WB 610 to SB 288(Connector F-SW)	53	07-Jul-17	11-Oct-17	42																									■ RW7, Phase 2A, Demolish Existing Connector WB 610																																			
<b>Connector C, C12&gt;C13</b>																																																																	
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12 partial), F/R/P Bent Caps	20	18-May-17	23-Jun-17	112																									■ RW7, Phase 2A, Connector C(C12 partial), F/R/P Bent Caps																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12 partial), Clear & Grub	1	22-May-17	22-May-17	112																									RW7, Phase 2A, Connector C(C12 partial), Clear & Grub																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12 partial), Drill & Concrete Shafts	2	23-May-17	24-May-17	112																									RW7, Phase 2A, Connector C(C12 partial), Drill & Concrete Shafts																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12 partial), F/R/P Footings	4	26-May-17	01-Jun-17	112																									RW7, Phase 2A, Connector C(C12 partial), F/R/P Footings																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12 partial), F/R/P Columns	4	05-Jun-17	12-Jun-17	112																									RW7, Phase 2A, Connector C(C12 partial), F/R/P Columns																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12 partial), Cure Last Bent Cap	7	24-Jun-17	30-Jun-17	213																									RW7, Phase 2A, Connector C(C12 partial), Cure Last Bent Cap																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12-C13), Set Girders/Precast Panels/O'hangs	5	03-Jul-17	12-Jul-17	112																									RW7, Phase 2A, Connector C(C12-C13), Set Girders/Precast																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(1/2 C12>C13), Deck Paving	10	31-Aug-17	18-Sep-17	84																									■ RW7, Phase 2A, Connector C(1/2 C12>C13), Deck Paving																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(C12>C13), Permanent Barriers	3	19-Sep-17	22-Sep-17	84																									RW7, Phase 2A, Connector C(C12>C13), Permanent Ba																																			
RW7P2ASW-C	RW7, Phase 2A, Connector C(Ab7>Ab23), Striping	3	25-Sep-17	28-Sep-17	84																									RW7, Phase 2A, Connector C(Ab7>Ab23), Striping																																			
<b>Southeast</b>																																																																	
<b>On SH 288, North of IH 610</b>																																																																	
<b>Traffic Control and Temporary Work</b>																																																																	
<b>Northbound</b>																																																																	
<b>23142+00 TO 23157+00</b>																																																																	
RW7P2ANNB	RW7, Phase 2A, NB GP Excavation, 23142+00 to 23157+00	12	07-Jul-17	28-Jul-17	202																									■ RW7, Phase 2A, NB GP Excavation, 23142+00 to 23157+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Subgrade, 23142+00 to 23157+00	12	19-Jul-17	04-Aug-17	202																									■ RW7, Phase 2A, NB GP Subgrade, 23142+00 to 23157+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Pavement, 23142+00 to 23157+00	18	07-Aug-17	07-Sep-17	202																									■ RW7, Phase 2A, NB GP Pavement, 23142+00 to 23157+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Striping, 23142+00 to 23157+00	2	08-Sep-17	11-Sep-17	202																									RW7, Phase 2A, NB GP Striping, 23142+00 to 23157+00																																			
<b>3155+00 to 2161+00</b>																																																																	
RW7P2ANNB	RW7, Phase 2A, NB GP Excavation, 3155+00 TO 3161+00	4	31-Jul-17	03-Aug-17	211																									RW7, Phase 2A, NB GP Excavation, 3155+00 TO 3161+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Subgrade, 3155+00 TO 3161+00	4	04-Aug-17	10-Aug-17	214																									RW7, Phase 2A, NB GP Subgrade, 3155+00 TO 3161+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Pavement, 3155+00 TO 3161+00	3	11-Aug-17	15-Aug-17	214																									RW7, Phase 2A, NB GP Pavement, 3155+00 TO 3161+00																																			
RW7P2ANNB	RW7, Phase 2A NB GP Striping, 3155+00 TO 3161+00	1	17-Aug-17	17-Aug-17	214																									RW7, Phase 2A NB GP Striping, 3155+00 TO 3161+00																																			
<b>3170+00 to 3176+00</b>																																																																	
RW7P2ANNB	RW7, Phase 2A, NB GP Excavation, 3170+00 TO 3176+00	4	04-Aug-17	10-Aug-17	211																									RW7, Phase 2A, NB GP Excavation, 3170+00 TO 3176+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Subgrade, 3170+00 TO 3176+00	4	11-Aug-17	17-Aug-17	211																									RW7, Phase 2A, NB GP Subgrade, 3170+00 TO 3176+00																																			
RW7P2ANNB	RW7, Phase 2A, NB GP Pavement, 3170+00 TO 3176+00	3	18-Aug-17	22-Aug-17	211																									RW7, Phase 2A, NB GP Pavement, 3170+00 TO 3176+00																																			
RW7P2ANNB	RW7, Phase 2A NB GP Striping, 3170+00 TO 3176+00	1	24-Aug-17	24-Aug-17	211																									RW7, Phase 2A NB GP Striping, 3170+00 TO 3176+00																																			
<b>Southbound</b>																																																																	
<b>23150+00 to 23176+00</b>																																																																	
				07-Sep-16	41																									■ RW7, Phase 2A, SB GP Excavation, 23150+00 to 23176+00																																			
		19	16-Aug-16	14-Sep-16	41																									■ RW7, Phase 2A, SB GP Subgrade, 23150+00 to 23176+00																																			
		9	15-Sep-16	03-Oct-16	41																									■ RW7, Phase 2A, SB GP Pavement, 23150+00 to 23176+00																																			
		3	26-Apr-17	28-Apr-17	165																									RW7, Phase 2A SB GP Striping, 23150+00 to 23176+00																																			
<b>23172+00 to 23176+00</b>																																																																	
RW7P2ANSB	RW7, Phase 2A, SB GP Excavation, 23172+00 to 23176+00	3	08-Sep-16	12-Sep-16	275																									RW7, Phase 2A, SB GP Excavation, 23172+00 to 23176+00																																			
RW7P2ANSB	RW7, Phase 2A, SB GP Subgrade, 23172+00 to 23176+00	3	15-Sep-16	19-Sep-16	275																									RW7, Phase 2A, SB GP Subgrade, 23172+00 to 23176+00																																			
RW7P2ANSB	RW7, Phase 2A, SB GP Pavement, 23172+00 to 23176+00	5	05-Oct-16	13-Oct-16	269																									RW7, Phase 2A, SB GP Pavement, 23172+00 to 23176+00																																			
RW7P2ANSB	RW7, Phase 2A SB GP Striping, 23172+00 to 23176+00	1	01-May-17	01-May-17	165																									RW7, Phase 2A SB GP Striping, 23172+00 to 23176+00																																			
<b>On SH 288, South of IH 610</b>																																																																	



**WBS**

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J												J												J												A												J											
<b>Southbound</b>																																																																	
<b>23083+00 to 23109+00</b>																																																																	
		19	16-Nov-17	15-Dec-17	0																																																												
		23	27-Dec-17	26-Dec-17	17																																																												
		3	12-Feb-18	09-Feb-18	17																																																												
				16-Feb-18	17																																																												
<b>23109+00 to 23114+31 (RW 1)</b>																																																																	
RW7P2ASSB2	RW7, Phase 2A, SB GP Excavation, 23109+00 TO 23114+31 (RW1)	7	18-Dec-17	28-Dec-17	0																																																												
RW7P2ASSB2	RW7, Phase 2A, SB GP Subgrade, 23109+00 TO 23114+31 (RW1)	8	26-Dec-17	08-Jan-18	27																																																												
RW7P2ASSB2	RW7, Phase 2A, SB GP Pavement, 23109+00 TO 23114+31 (RW1)	8	10-Jan-18	25-Jan-18	27																																																												
RW7P2ASSB2	RW7, Phase 2A, SB GP Striping, 23109+00 TO 23114+31 (RW1)	1	26-Jan-18	26-Jan-18	27																																																												
<b>SEQ 9B, SB Overpass at Holmes/UPRR (23114+31 to 23117+89)</b>																																																																	
RW7P2A-SEC	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), Demo Existing	23	07-Jul-17	15-Aug-17	0																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), Drill & Concrete Shafts	11	07-Aug-17	24-Aug-17	0																																																												
RW7P2A-SEC	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), F/R/P Footings	14	15-Aug-17	08-Sep-17	0																																																												
RW7P2A-SEC	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), F/R/P Columns	13	25-Aug-17	18-Sep-17	0																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), F/R/P Abutments/Wing Walls	20	25-Aug-17	29-Sep-17	0																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), F/R/P Bent Caps	11	08-Sep-17	26-Sep-17	2																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), Cure Last Bent Cap	7	30-Sep-17	06-Oct-17	2																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), Set Girders/Precast Panels/O'hangs	8	09-Oct-17	20-Oct-17	0																																																												
RW7P2A-SEC	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), F/R/P Deck	27	18-Oct-17	04-Dec-17	0																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B(3115+00), Permanent Barriers	1	06-Dec-17	06-Dec-17	49																																																												
RW7P2A-SEQ9	RW7, Phase 2A, Holmes Bridge SEQ9B, 3083+00 to 3115+00, Striping	3	08-Dec-17	13-Dec-17	49																																																												
<b>23117+89 to 23127+00 (RW2)</b>																																																																	
RW7P2ASSB3	RW7, Phase 2A, SB GP Excavation, 23117+89 to 23127+00 (RW2)	11	29-Dec-17	23-Jan-18	0																																																												
RW7P2ASSB3	RW7, Phase 2A, SB GP Subgrade, 23117+89 to 23127+00 (RW2)	11	10-Jan-18	30-Jan-18	13																																																												
RW7P2ASSB3	RW7, Phase 2A, SB GP Pavement, 23117+89 to 23127+00 (RW2)	11	31-Jan-18	22-Feb-18	13																																																												
RW7P2ASSB3	RW7, Phase 2A SB GP Striping, 23117+89 to 23127+00 (RW2)	1	23-Feb-18	23-Feb-18	13																																																												
<b>23127+00 to 23133+00</b>																																																																	
RW7P2ASSB4	RW7, Phase 2A, SB GP Excavation, 23127+00 to 23133+00	14	24-Jan-18	20-Feb-18	0																																																												
RW7P2ASSB4	RW7, Phase 2A, SB GP Subgrade, 23127+00 to 23133+00	6	21-Feb-18	28-Feb-18	0																																																												
RW7P2ASSB4	RW7, Phase 2A, SB GP Pavement, 23127+00 to 23133+00	9	02-Mar-18	20-Mar-18	0																																																												
RW7P2ASSB4	RW7, Phase 2A SB GP Striping, 23127+00 to 23133+00	1	21-Mar-18	21-Mar-18	0																																																												
<b>On IH 610, West of SH 288</b>																																																																	
<b>Eastbound</b>																																																																	
<b>140+00 to 151+50 (C7)</b>																																																																	



Activity ID		Activity Name		OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
								J				J				J				J				J				J				J				J																															
RW7P2AWEB	RW7, Phase 2A, EB IH610 Excavation, 140+00 to 151+50	9	22-May-17	02-Jun-17	131																									█ RW7, Phase 2A, EB IH610 Excavation, 140+00 to 151+50																																					
RW7P2AWEB	RW7, Phase 2A, EB IH610 Subgrade, 140+00 to 151+50	9	26-May-17	12-Jun-17	131																									█ RW7, Phase 2A, EB IH610 Subgrade, 140+00 to 151+50																																					
RW7P2AWEB	RW7, Phase 2A, EB IH610 Pavement, 140+00 to 151+50	11	14-Jun-17	03-Jul-17	131																									█ RW7, Phase 2A, EB IH610 Pavement, 140+00 to 151+50																																					
RW7P2AWEB	RW7, Phase 2A, EB IH610 Striping, 140+00 to 151+50	1	05-Jul-17	05-Jul-17	131																									█ RW7, Phase 2A, EB IH610 Striping, 140+00 to 151+50																																					
<b>On IH 610, East of SH 288</b>																																																																			
<b>Eastbound</b>																																																																			
<b>183+00 to 194+00</b>																																																																			
RW7P2AEEB-	RW7, Phase 2A, EB IH610 Excavation, 183+00 to 194+00	9	18-Aug-16	31-Aug-16	354																									█ RW7, Phase 2A, EB IH610 Excavation, 183+00 to 194+00																																					
RW7P2AEEB-	RW7, Phase 2A, EB IH610 Subgrade, 183+00 to 194+00	9	26-Aug-16	08-Sep-16	354																									█ RW7, Phase 2A, EB IH610 Subgrade, 183+00 to 194+00																																					
RW7P2AEEB-	RW7, Phase 2A, EB IH610 Pavement, 183+00 to 194+00	11	09-Sep-16	28-Sep-16	354																									█ RW7, Phase 2A, EB IH610 Pavement, 183+00 to 194+00																																					
RW7P2AEEB-	RW7, Phase 2A, EB IH610 Striping, 183+00 to 194+00	1	30-Sep-16	30-Sep-16	354																									█ RW7, Phase 2A, EB IH610 Striping, 183+00 to 194+00																																					
<b>Phase 2B</b>																																																																			
<b>Traffic Control and Temporary Work</b>																																																																			
RW7P2B-TC-103	RW7, Phase 2B, Set Temp Barriers & Shift Traffic #3-SB @ 3160+00 (to Conn E)	5	03-Oct-16	11-Oct-16	354																									█ RW7, Phase 2B, Set Temp Barriers & Shift Traffic #3-SB @ 3160+00 (to Conn E)																																					
RW7P2B-TC-102	RW7, Phase 2B, Set Temp Barriers & Shift Traffic #2-SB @ 23152+00	5	05-Oct-16	13-Oct-16	369																									█ RW7, Phase 2B, Set Temp Barriers & Shift Traffic #2-SB @ 23152+00																																					
RW7P2B-TP-100	RW7, Phase 2B, NW, Temp Paving 3 areas	5	05-Oct-16	13-Oct-16	41																									█ RW7, Phase 2B, NW, Temp Paving 3 areas																																					
RW7P2B-TC-105	RW7, Phase 2B, Set Temp Barriers & Shift Traffic #5-SB 288@ 23176+00	5	03-May-17	12-May-17	165																									█ RW7, Phase 2B, Set Temp Barriers & Shift Traffic #5-SB 288@ 23176+00																																					
RW7P2B-TC-101	RW7, Phase 2B, Set Temp Barriers & Shift Traffic #1-NB@ 23083+00 (to Conn B)	5	12-Sep-17	19-Sep-17	202																									█ RW7, Phase 2B, Set Temp Barriers & Shift Traffic #1-NB@ 23083+00 (to Conn B)																																					
RW7P2B-TC-104	RW7, Phase 2B, Set Temp Barriers & Shift Traffic #4-EB 610 to SB 288 (Conn C)	5	29-Sep-17	09-Oct-17	84																									█ RW7, Phase 2B, Set Temp Barriers & Shift Traffic #4-EB 610 to SB 288 (Conn C)																																					
<b>Removals</b>																																																																			
<b>Connectors</b>																																																																			
<b>Northeast</b>																																																																			
<b>Northwest</b>																																																																			
				02-Nov-16	354																									█ RW7, Phase 2B, Demolish Existing Connector SB288 to EB 610(Connector E-N)																																					
		15	03-Nov-16	01-Dec-16	367																									█ RW7, Phase 2B, Excavate 25% of Detention Pond NW #2																																					
<b>Southwest</b>																																																																			
<b>Southeast</b>																																																																			
RW7P2BSE-CONN	RW7, Phase 2B, Demolish Existing Connector SB288 to EB 610(Connector E-SE)	28	03-Nov-16	28-Dec-16	354																									█ RW7, Phase 2B, Demolish Existing Connector SB288 to EB 610(Connector E-SE)																																					
<b>North of IH 610</b>																																																																			
<b>On SH 288, North of IH 610</b>																																																																			
<b>Southbound</b>																																																																			
<b>23152+50 to 23160+00</b>																																																																			
RW7P2BN	RW7, Phase 2B, SB GP Excavation, 23152+50 to 23160+00	10	14-Oct-16	28-Oct-16	369																									█ RW7, Phase 2B, SB GP Excavation, 23152+50 to 23160+00																																					
RW7P2BN	RW7, Phase 2B, SB GP Subgrade, 23152+50 to 23160+00	4	31-Oct-16	04-Nov-16	369																									█ RW7, Phase 2B, SB GP Subgrade, 23152+50 to 23160+00																																					
RW7P2BN	RW7, Phase 2B, SB GP Pavement, 23152+50 to 23160+00	4	21-Sep-17	26-Sep-17	202																									█ RW7, Phase 2B, SB GP Pavement, 23152+50 to 23160+00																																					
RW7P2BN	RW7, Phase 2B, SB GP Striping, 23152+50 to 23160+00	2	28-Sep-17	29-Sep-17	202																									█ RW7, Phase 2B, SB GP Striping, 23152+50 to 23160+00																																					
<b>Phase 3A</b>																																																																			
<b>Traffic Control and Temporary Work</b>																																																																			
RW7P3A-TC-102	RW7, Phase 3A, Set Temp Barriers & Shift Traffic #2-EB 610 @ 175+00	2	15-Feb-16	16-Feb-16	304																									█ RW7, Phase 3A, Set Temp Barriers & Shift Traffic #2-EB 610 @ 175+00																																					



Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J												J												J												A												J											
RW7P3A-TC-101		2	14-Oct-16	17-Oct-16	41	RW7, Phase 3A, Set Temp Barriers & Shift Traffic #1-SB 288 to WB 610 @ Conn																																																											
<b>Connectors</b>																																																																	
<b>Connector G, B4&gt;4</b>																																																																	
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Clear & Grub	4	18-Oct-16	24-Oct-16	41	RW7, Phase 3A, Connector G(11>Ab16), Clear & Grub																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Drill & Concrete Shafts	11	25-Oct-16	10-Nov-16	41	RW7, Phase 3A, Connector G(11>Ab16), Drill & Concrete Shafts																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), F/R/P Footings	16	02-Nov-16	01-Dec-16	117	RW7, Phase 3A, Connector G(11>Ab16), F/R/P Footings																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), F/R/P Columns	11	02-Dec-16	23-Dec-16	117	RW7, Phase 3A, Connector G(11>Ab16), F/R/P Columns																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), F/R/P Bent Caps	17	27-Dec-16	27-Jan-17	117	RW7, Phase 3A, Connector G(11>Ab16), F/R/P Bent Caps																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Cure Last Bent Cap	7	28-Jan-17	03-Feb-17	220	RW7, Phase 3A, Connector G(11>Ab16), Cure Last Bent Cap																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Set Girders/Precast Panels/O'hangs	10	06-Feb-17	24-Feb-17	117	RW7, Phase 3A, Connector G(11>Ab16), Set Girders/Precast Panels/O'hangs																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Deck Paving	16	13-Mar-17	07-Apr-17	110	RW7, Phase 3A, Connector G(11>Ab16), Deck Paving																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Permanent Barriers	1	10-Apr-17	10-Apr-17	110	RW7, Phase 3A, Connector G(11>Ab16), Permanent Barriers																																																											
RW7P3ANW-C	RW7, Phase 3A, Connector G(11>Ab16), Striping	1	12-Apr-17	12-Apr-17	110	RW7, Phase 3A, Connector G(11>Ab16), Striping																																																											
<b>Connector D, 16&gt;G12</b>																																																																	
RW7P3ANW-C	RW7, Phase 3A, Connector D(16>G12), Clear & Grub	4	25-Oct-16	28-Oct-16	48	RW7, Phase 3A, Connector D(16>G12), Clear & Grub																																																											
		3	14-Nov-16	17-Nov-16	41	RW7, Phase 3A, Connector D(16>G12), Drill & Concrete Shafts																																																											
		8	18-Nov-16	02-Dec-16	41	RW7, Phase 3A, Connector D(16>G12), F/R/P Footings																																																											
		6	05-Dec-16	16-Dec-16	41	RW7, Phase 3A, Connector D(16>G12), F/R/P Columns																																																											
		8	19-Dec-16	30-Dec-16	41	RW7, Phase 3A, Connector D(16>G12), F/R/P Bent Caps																																																											
		7	31-Dec-16	06-Jan-17	83	RW7, Phase 3A, Connector D(16>G12), Cure Last Bent Cap																																																											
		7	09-Jan-17	24-Jan-17	43	RW7, Phase 3A, Connector D(16>G12), Set Girders/Precast Panels/O'hangs																																																											
		16	25-Jan-17	23-Feb-17	43	RW7, Phase 3A, Connector D(16>G12), Deck Paving																																																											
		1	24-Feb-17	24-Feb-17	43	RW7, Phase 3A, Connector D(16>G12), Permanent Barriers																																																											
		1	27-Feb-17	27-Feb-17	43	RW7, Phase 3A, Connector D(16>G12), Striping																																																											
<b>Removals</b>																																																																	
<b>On IH 610, West of SH 288</b>																																																																	
<b>MSE Wall 22</b>																																																																	
RW7P3AWWF	RW7, Phase 3A, IH610 MSE Wall 22, 221+20 to 225+ (Con G)	25	18-Oct-16	01-Dec-16	165	RW7, Phase 3A, IH610 MSE Wall 22, 221+20 to 225+ (Con G)																																																											
RW7P3AWWB2	RW7, Phase 3A, IH610 MSE Wall 22, Pavement, 221+20 to 225+00 (Con G)	7	02-Dec-16	16-Dec-16	165	RW7, Phase 3A, IH610 MSE Wall 22, Pavement, 221+20 to 225+00 (Con G)																																																											
<b>141+00 to 150+00</b>																																																																	
RW7P3AWWF	RW7, Phase 3A, WB IH610 Excavation, 141+00 to 150+00	4	18-Oct-16	24-Oct-16	183	RW7, Phase 3A, WB IH610 Excavation, 141+00 to 150+00																																																											
		4	25-Oct-16	28-Oct-16	183	RW7, Phase 3A, WB IH610 Subgrade, 141+00 to 150+00																																																											
		4	31-Oct-16	04-Nov-16	183	RW7, Phase 3A, WB IH610 Pavement, 141+00 to 150+00																																																											
		2	07-Nov-16	09-Nov-16	183	RW7, Phase 3A, WB IH610 Striping, 141+00 to 150+00																																																											
<b>Phase 3B</b>																																																																	
<b>Traffic Control and Temporary Work</b>																																																																	
RW7P3B-TC-101	RW7, Phase 3B, Set Temp Barriers & Shift Traffic #1-SB @ 3160+00 for Conn D	5	28-Feb-17	08-Mar-17	129	RW7, Phase 3B, Set Temp Barriers & Shift Traffic #1-SB @ 3160+00 for																																																											
RW7P3B-TC-102	RW7, Phase 3B, Set Temp Barriers & Shift Traffic #2-WB @ 141+00	5	28-Feb-17	08-Mar-17	43	RW7, Phase 3B, Set Temp Barriers & Shift Traffic #2-WB @ 141+00																																																											





Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart																	
						2015			2016			2017			2018			2019					
RW7P4A-SEQ10B	RW7, Phase 4A, IH 610 Bridge SEQ10B(1/2 North)(167+00), Set Girders/Precast Panels/O'hangs	7	18-Oct-16	27-Oct-16	31																		
RW7P4A-SEQ10B	RW7, Phase 4A, IH 610 Bridge SEQ10B(1/2 North)(167+00), F/R/P Deck	18	26-Oct-16	28-Nov-16	31																		
RW7P4A-SEQ10B	RW7, Phase 4A, IH 610 Bridge SEQ10B(1/2 North)(167+00), Permanent Barriers	2	30-Nov-16	01-Dec-16	41																		
<b>SEQ 10F, 1/2 GP NB Overpass at IH 610 WB(170+00)</b>																							
RW7P4A-SEQ10F	RW7, Phase 4A, IH 610 Bridge SEQ10F(1/2 North)(170+00), Excavate to Abut & MSE 25E &26W (Partial)	15	01-Jul-16	29-Jul-16	59																		
RW7P4A-SEQ10F	RW7, Phase 4A, IH 610 Bridge SEQ10F(1/2 North)(170+00), F/R/P Abutments	20	01-Aug-16	01-Sep-16	59																		
RW7P4A-SEQ10F	RW7, Phase 4A, IH 610 Bridge SEQ10F(1/2 North)(170+00), Set Girders/Precast Panels/O'hangs	6	02-Sep-16	12-Sep-16	59																		
RW7P4A-SEQ10F	RW7, Phase 4A, IH 610 Bridge SEQ10F(1/2 North)(170+00), F/R/P Deck	13	13-Sep-16	07-Oct-16	59																		
RW7P4A-SEQ10F	RW7, Phase 4A, IH 610 Bridge SEQ10F(1/2 North)(170+00), Permanent Barriers	2	10-Oct-16	11-Oct-16	69																		
<b>IH 610 WB 168+00 to 179+00</b>																							
RW7P4AEWB-E/	RW7, Phase 4A, WB IH610 Excavation, 168+00 TO 179+00	4	30-Nov-16	05-Dec-16	31																		
RW7P4AEWB-S/	RW7, Phase 4A, WB IH610 Subgrade, 168+00 TO 179+00	4	07-Dec-16	14-Dec-16	31																		
RW7P4AEWB-P/	RW7, Phase 4A, WB IH610 Pavement, 168+00 TO 179+00	4	16-Dec-16	22-Dec-16	31																		
RW7P4AEWB-P/	RW7, Phase 4A, WB IH610 Striping, 168+00 TO 179+00	2	23-Dec-16	27-Dec-16	31																		
<b>On IH 610, West of SH 288</b>																							
<b>MSE Walls</b>																							
RW7P4AWWB-2	RW7, Phase 4A, IH610 Excavate/Fill & MSE Wall 24N	5	27-May-16	03-Jun-16	118																		
RW7P4AWWB-2	RW7, Phase 4A, IH610 Excavate/Fill & MSE Wall 23N	3	06-Jun-16	10-Jun-16	118																		
<b>SEQ 10C, 1/2 GP SB Overpass at IH 610 WB(163+00)</b>																							
				26-May-16	87																		
		20	27-May-16	05-Jul-16	87																		
		6	07-Jul-16	18-Jul-16	87																		
		13	20-Jul-16	09-Aug-16	87																		
		2	11-Aug-16	12-Aug-16	101																		
<b>IH 610 156+00 to 168+00</b>																							
RW7P4AWWB-E	RW7, Phase 4A, WB IH610 Excavation, 156+00 TO 168+00	6	11-Aug-16	19-Aug-16	87																		
RW7P4AWWB-S	RW7, Phase 4A, WB IH610 Subgrade, 156+00 TO 168+00	5	22-Aug-16	29-Aug-16	87																		
RW7P4AWWB-P	RW7, Phase 4A, WB IH610 Pavement, 156+00 TO 168+00	5	30-Aug-16	06-Sep-16	87																		
RW7P4AWWB-P	RW7, Phase 4A, WB IH610 Striping, 156+00 TO 168+00	3	07-Sep-16	09-Sep-16	87																		
<b>On SH 288, North of IH 610</b>																							
<b>On SH 288, South of IH 610</b>																							
<b>Northbound</b>																							
<b>SEQ 9C, NB Overpass at Holmes (3115+00)</b>																							
RW7P4A-SEC	RW7, Phase 4A, Holmes Bridge SEQ9C(3115+00), Demo Existing	23	07-Jun-17	24-Jul-17	42																		











### SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart (2015-2019)														
						2015			2016			2017			2018			2019		
						J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
RW7P4C-SEQ10D	RW7, Phase 4C, IH 610 Bridge SEQ10D (1/2-South)(163+00), Permanent Barriers	2	08-Nov-17	09-Nov-17	175	RW7, Phase 4C, IH 610 Bridge SEQ10D (1/2-South)														
<b>IH 610 156+00 to 168+00</b>																				
RW7P4CWWB-E	RW7, Phase 4C, WB IH610 Excavation, 156+00 TO 168+00 (South)	10	08-Nov-17	29-Nov-17	157	■ RW7, Phase 4C, WB IH610 Excavation, 156+00 TO														
RW7P4CWWB-E	RW7, Phase 4C, WB IH610 Subgrade, 156+00 TO 168+00 (South)	10	17-Nov-17	08-Dec-17	157	■ RW7, Phase 4C, WB IH610 Subgrade, 156+00 TO														
RW7P4CWWB-F	RW7, Phase 4C, WB IH610 Pavement, 156+00 TO 168+00 (South)	5	11-Dec-17	19-Dec-17	157	■ RW7, Phase 4C, WB IH610 Pavement, 156+00 TO														
RW7P4CWWB-F	RW7, Phase 4C, WB IH610 Striping, 156+00 TO 179+00 (South)	3	16-Feb-18	21-Feb-18	129	■ RW7, Phase 4C, WB IH610 Striping, 156+00 TO														
<b>On SH 288 at IH 610</b>																				
<b>Northbound</b>																				
RW7P4CNB-EA-1	RW7, Phase 4C, Excavate MSE 25E and 26W from SEQ 10F Abutment to Grade	15	08-Nov-17	08-Dec-17	28	■ RW7, Phase 4C, Excavate MSE 25E and 26W from														
RW7P4CNB-EA	RW7, Phase 4C, NB Excavation, 23134+00 to 23142+00	11	11-Dec-17	29-Dec-17	28	■ RW7, Phase 4C, NB Excavation, 23134+00 to 231														
RW7P4CNB-SG	RW7, Phase 4C, NB Subgrade, 23134+00 to 23142+00	9	26-Dec-17	10-Jan-18	28	■ RW7, Phase 4C, NB Subgrade, 23134+00 to 231														
RW7P4CNB-PV	RW7, Phase 4C, NB Pavement, 23134+00 to 23142+00	5	12-Jan-18	23-Jan-18	28	■ RW7, Phase 4C, NB Pavement, 23134+00 to 23														
RW7P4CNB-PS	RW7, Phase 4C, NB Striping, 23134+00 to 23142+00	2	24-Jan-18	25-Jan-18	28	■ RW7, Phase 4C, NB Striping, 23134+00 to 2314														
<b>Southbound</b>																				
RW7P4CSB-EA-1	RW7, Phase 4C, Excavate MSE 23E and 24W from SEQ 10F Abutment to Grade	15	08-Nov-17	08-Dec-17	28	■ RW7, Phase 4C, Excavate MSE 23E and 24W from														
RW7P4CSB-EA	RW7, Phase 4C, SB Excavation, 23134+00 to 23142+00	11	11-Dec-17	29-Dec-17	28	■ RW7, Phase 4C, SB Excavation, 23134+00 to 231														
RW7P4CSB-SG	RW7, Phase 4C, SB Subgrade, 23134+00 to 23142+00	9	26-Dec-17	10-Jan-18	28	■ RW7, Phase 4C, SB Subgrade, 23134+00 to 231														
RW7P4CSB-PV	RW7, Phase 4C, SB Pavement, 23134+00 to 23142+00	5	12-Jan-18	23-Jan-18	28	■ RW7, Phase 4C, SB Pavement, 23134+00 to 23														
RW7P4CSB-PS	RW7, Phase 4C, SB Striping, 23134+00 to 23142+00	2	24-Jan-18	25-Jan-18	28	■ RW7, Phase 4C, SB Striping, 23134+00 to 2314														
<b>Phase 5</b>																				
<b>Traffic Control and Temporary Work</b>																				
RW7P5-TC-101	RW7, Phase 5, Set Temp Barriers & Shift Traffic #1-NB @ 3110+00	5	05-Feb-18	14-Feb-18	23	■ RW7, Phase 5, Set Temp Barriers & Shift Traff														
RW7P5-TC-103	RW7, Phase 5, Open IH 610 to Permanent Traffic	5	22-Feb-18	28-Feb-18	129	■ RW7, Phase 5, Open IH 610 to Permanent Tr														
RW7P5-TC-102	RW7, Phase 5, Set Temp Barriers & Shift Traffic #2-SB @ 3160+00	5	22-Mar-18	28-Mar-18	0	■ RW7, Phase 5, Set Temp Barriers & Shift T														
<b>Toll 3108+00 to 3115+25</b>																				
RW7P5T1-EA-100	RW7, Phase 5, Toll Excavation/Demo, 3108+00 to 3115+25	19	06-Aug-18	06-Sep-18	0	■ RW7, Phase 5, Toll Excavation/D														
RW7P5T1-SG-100	RW7, Phase 5, Toll Subgrade, 3108+00 to 3115+25	10	30-Aug-18	17-Sep-18	1	■ RW7, Phase 5, Toll Subgrade, 3														
RW7P5T1-PV-100	RW7, Phase 5, Toll Pavement, 3108+00 to 3115+25	10	19-Sep-18	05-Oct-18	1	■ RW7, Phase 5, Toll Pavement														
RW7P5T1-PB-170	RW7, Phase 5, Toll Permanent Barriers, 3108+00 to 3115+25	1	08-Oct-18	08-Oct-18	1	■ RW7, Phase 5, Toll Permaner														
<b>SEQ 9A, Toll Lane Overpass at Holmes (3115+00)</b>																				
				04-May-18	0															
		15	19-Apr-18	15-May-18	0	■ RW7, Phase 5, Holmes Bridge SEQ9A(3) ■ RW7, Phase 5, Holmes Bridge SEQ9A(3)														
		14	27-Apr-18	23-May-18	0	■ RW7, Phase 5, Holmes Bridge SEQ9A(3)														
		32	09-May-18	05-Jul-18	0	■ RW7, Phase 5, Holmes Bridge SEQ9A(3)														
		27	04-Jun-18	26-Jul-18	0	■ RW7, Phase 5, Holmes Bridge SEQ9A(3)														
		30	26-Jun-18	20-Aug-18	0	■ RW7, Phase 5, Holmes Bridge S														
		14	27-Jul-18	09-Aug-18	0	■ RW7, Phase 5, Holmes Bridge SE														
		12	10-Aug-18	29-Aug-18	0	■ RW7, Phase 5, Holmes Bridge S														
		26	21-Aug-18	03-Oct-18	0	■ RW7, Phase 5, Holmes Bridge														
		3	05-Oct-18	10-Oct-18	0	■ RW7, Phase 5, Holmes Bridge														
<b>Toll 3118+82 to 3144+00</b>																				





## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015		2016		2017		2018		2019			
<b>Traffic Control and Temporary Work</b>																	
<b>Bridges</b>																	
<b>Holcombe, EB</b>																	
RW8-HOLCEB-100	RW8, Holcombe EB, Drill & Concrete Shafts	32	18-May-17	17-Jul-17	16	■ RW8, Holcombe EB, Drill & Concrete Shafts											
RW8-HOLCEB-110	RW8, Holcombe EB, F/R/P Footings	43	25-May-17	11-Aug-17	16	■ RW8, Holcombe EB, F/R/P Footings											
RW8-HOLCEB-120	RW8, Holcombe EB, F/R/P Columns	37	16-Jun-17	21-Aug-17	16	■ RW8, Holcombe EB, F/R/P Columns											
RW8-HOLCEB-130	RW8, Holcombe EB, F/R/P Bent Caps	83	27-Jun-17	20-Nov-17	16	■ RW8, Holcombe EB, F/R/P Bent Caps											
RW8-HOLCEB-140	RW8, Holcombe EB, Cure Last Bent Cap	7	21-Nov-17	27-Nov-17	36	■ RW8, Holcombe EB, Cure Last Bent Cap											
RW8-HOLCEB-150	RW8, Holcombe EB, Set Girders/Precast Panels/O'hangs	27	29-Nov-17	23-Jan-18	18	■ RW8, Holcombe EB, Set Girders/Precast Panels											
RW8-HOLCEB-160	RW8, Holcombe EB, Deck Paving	80	29-Dec-17	30-May-18	18	■ RW8, Holcombe EB, Deck Paving											
RW8-HOLCEB-170	RW8, Holcombe EB, Permanent Barriers	6	31-May-18	11-Jun-18	61	■ RW8, Holcombe EB, Permanent Barriers											
RW8-HOLCEB-180	RW8, Holcombe EB, Striping	3	13-Jun-18	18-Jun-18	61	■ RW8, Holcombe EB, Striping											
<b>Holcombe, WB</b>																	
	RW8, Holcombe WB, Drill & Concrete Shafts	12	19-Jul-17	04-Aug-17	121	■ RW8, Holcombe WB, Drill & Concrete Shafts											
	RW8, Holcombe WB, F/R/P Footings	17	14-Aug-17	12-Sep-17	110	■ RW8, Holcombe WB, F/R/P Footings											
	RW8, Holcombe WB, F/R/P Columns	16	24-Aug-17	21-Sep-17	110	■ RW8, Holcombe WB, F/R/P Columns											
	RW8, Holcombe WB, F/R/P Bent Caps	31	22-Nov-17	25-Jan-18	65	■ RW8, Holcombe WB, F/R/P Bent Caps											
	RW8, Holcombe WB, Cure Last Bent Cap	7	26-Jan-18	01-Feb-18	122	■ RW8, Holcombe WB, Cure Last Bent Cap											
	RW8, Holcombe WB, Set Girders/Precast Panels/O'hangs	10	02-Feb-18	22-Feb-18	65	■ RW8, Holcombe WB, Set Girders/Precast Panels											
	RW8, Holcombe WB, Deck Paving	48	31-May-18	28-Aug-18	18	■ RW8, Holcombe WB, Deck Paving											
	RW8, Holcombe WB, Permanent Barriers	2	29-Aug-18	30-Aug-18	18	■ RW8, Holcombe WB, Permanent Barriers											
	RW8-HOLCWB-180 RW8, Holcombe WB, Striping	2	31-Aug-18	04-Sep-18	18	■ RW8, Holcombe WB, Striping											
<b>Roadway 9 (3230+00 to 3280+00), 5000 LF</b>																	
	RW9, Start work	0	31-Aug-16		13	◆ RW9, Start work											
<b>All Road Work</b>																	
	RW9, SH 288 Median, Setup Traffic Control	5	03-May-17	12-May-17	78	■ RW9, SH 288 Median, Setup Traffic Control											
	RW9, SH 288 Median, Clear & Grubb/Topsoil Removal	10	08-May-17	24-May-17	78	■ RW9, SH 288 Median, Clear & Grubb/Topsoil Removal											
	RW9, SH 288 Median, Excavation (off Haul)	22	22-May-17	29-Jun-17	73	■ RW9, SH 288 Median, Excavation (off Haul)											
	RW9, SH 288 Median, Fill (from borrow)	1	22-May-17	22-May-17	90	■ RW9, SH 288 Median, Fill (from borrow)											
	RW9, SH 288 Median, LTB	22	24-May-17	03-Jul-17	90	■ RW9, SH 288 Median, LTB											
	RW9, SH 288 Median, Drainage Rough In	5	29-Jun-17	07-Jul-17	90	■ RW9, SH 288 Median, Drainage Rough In											
	RW9, SH 288 Median, IT Rough in	5	29-Jun-17	07-Jul-17	90	■ RW9, SH 288 Median, IT Rough in											
	RW9, SH 288 Median, NB CSB	5	29-Jun-17	07-Jul-17	91	■ RW9, SH 288 Median, NB CSB											
	RW9, SH 288 Median, NB AC Bond Breaker	5	03-Jul-17	12-Jul-17	91	■ RW9, SH 288 Median, NB AC Bond Breaker											
	RW9, SH 288 Median, NB Form Blockouts for Drainage/IT	5	07-Jul-17	17-Jul-17	91	■ RW9, SH 288 Median, NB Form Blockouts for Drainage/IT											
	RW9, SH 288 Median, NB PCC Reinforcement & Paving	7	11-Dec-17	22-Dec-17	6	■ RW9, SH 288 Median, NB PCC Reinforcement & Paving											
	RW9, SH 288 Median, NB, Cure Last PCC Pavement	0	23-Dec-17	23-Dec-17	79	■ RW9, SH 288 Median, NB, Cure Last PCC Pavement											
	RW9, SH 288 Median, SB CSB	5	26-Dec-17	02-Jan-18	38	■ RW9, SH 288 Median, SB CSB											
	RW9, SH 288 Median, SB AC Bond Breaker	5	28-Dec-17	05-Jan-18	38	■ RW9, SH 288 Median, SB AC Bond Breaker											
	RW9, SH 288 Median, SB Form Blockouts for Drainage/IT	5	02-Jan-18	10-Jan-18	38	■ RW9, SH 288 Median, SB Form Blockouts for Drainage/IT											
	RW9, SH 288 Median, SB PCC Reinforcement & Paving	5	16-Feb-18	23-Feb-18	18	■ RW9, SH 288 Median, SB PCC Reinforcement & Paving											
	RW9, SH 288 Median, F/R/P Major Sign Foundations	9	21-Feb-18	07-Mar-18	18	■ RW9, SH 288 Median, F/R/P Major Sign Foundations											
	RW9, SH 288 Median, SB, Cure Last PCC Pavement	7	24-Feb-18	02-Mar-18	33	■ RW9, SH 288 Median, SB, Cure Last PCC Pavement											
	RW9, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back	10	26-Feb-18	16-Mar-18	22	■ RW9, SH 288 Median, Drainage/IT, Raise to Grade & Pour Back											
	RW9, SH 288 Median, Permanent Barriers	20	11-Apr-18	17-May-18	0	■ RW9, SH 288 Median, Permanent Barriers											
	RW9, SH 288, Erect all Signs	10	20-Apr-18	07-May-18	69	■ RW9, SH 288, Erect all Signs											
	RW9, SH 288 Median, Striping on Toll Road	5	06-Sep-18	14-Sep-18	0	■ RW9, SH 288 Median, Striping on Toll Road											



Activity ID		Activity Name		OD	Start	Finish	Total Float	Gantt Chart											
								2015		2016		2017		2018		2019			
		RW9, SH 288, Move Traffic to Median		0		08-Oct-18	0	◆ RW9, SH 288, Move Traffic to											
<b>Traffic Control and Temporary Work</b>																			
<b>Bridges</b>																			
<b>SEQ 12B, NB Brays Bayou Bridge</b>																			
RW9SEQ12B-100	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Drill & Concrete Shafts			12	31-Aug-16	16-Sep-16	8	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Drill & Concrete Shafts											
RW9SEQ12B-110	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Footings			37	26-Sep-16	02-Dec-16	0	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Footings											
RW9SEQ12B-120	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Columns			31	21-Oct-16	19-Dec-16	114	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Columns											
RW9SEQ12B-130	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Bent Caps			27	07-Nov-16	29-Dec-16	114	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Bent Caps											
RW9SEQ12B-135	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Abutments/Wing Walls			30	28-Nov-16	26-Jan-17	114	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Abutments/Wing Walls											
RW9SEQ12B-140	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Cure Caps			14	30-Dec-16	12-Jan-17	227	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Cure Caps											
RW9SEQ12B-150	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Set Girders/Precast Panels/O'hangs			8	13-Jan-17	27-Jan-17	121	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Set Girders/Precast Pa											
RW9SEQ12B-160	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), F/R/P Deck			26	27-Jan-17	20-Mar-17	114	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), F/R/P Deck											
RW9SEQ12B-165	RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Cure Last Deck			7	21-Mar-17	27-Mar-17	379	■ RW9, NB Brays Bayou Bridge SEQ12B(3254+65), Cure Last Deck											
<b>SEQ 12A, SB Brays Bayou Bridge</b>																			
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Drill & Concrete Shafts			12	19-Sep-16	13-Oct-16	33	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Drill & Concrete Shafts											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Footings			39	05-Dec-16	22-Feb-17	0	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Footings											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Columns			31	05-Jan-17	06-Mar-17	137	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Columns											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Bent Caps			27	26-Jan-17	20-Mar-17	137	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Bent Caps											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Abutments/Wing Walls			30	15-Feb-17	10-Apr-17	137	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Abutments/Wing V											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Cure Caps			14	21-Mar-17	03-Apr-17	281	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Cure Caps											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Set Girders/Precast Panels/O'hangs			8	05-Apr-17	20-Apr-17	149	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Set Girders/Precast											
	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), F/R/P Deck			26	17-Apr-17	31-May-17	149	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), F/R/P Deck											
RW9SEQ12A-165	RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Cure Last Deck			7	01-Jun-17	07-Jun-17	307	■ RW9, SB Brays Bayou Bridge SEQ12A(3254+65), Cure Last Dec											
<b>Roadway 10 (3280+00 to 3343+00), 6300 LF</b>																			
	RW10, Start			0	12-Aug-16		0	◆ RW10, Start											
<b>ITS/IT</b>																			
RW10-IT-900	RW8>10, Complete/Test All ITS/IT			30	17-Aug-18	08-Oct-18	0	■ RW8>10, Complete/Test All IT											
<b>South Bound (Road and Ramp)</b>																			
<b>All Road Work</b>																			
	RW10, SB GP & Ramp, Setup Traffic Control			6	15-May-17	23-May-17	92	■ RW10, SB GP & Ramp, Setup Traffic Control											
	RW10, SB GP & Ramp, Clear & Grubb/Topsoil Removal			8	18-May-17	30-May-17	95	■ RW10, SB GP & Ramp, Clear & Grubb/Topsoil Removal											
	RW10, SB GP & Ramp, Excavation			7	30-Jun-17	14-Jul-17	73	■ RW10, SB GP & Ramp, Excavation											
	RW10, SB GP & Ramp, Fill			3	30-Jun-17	05-Jul-17	77	■ RW10, SB GP & Ramp, Fill											
	RW10, SB GP & Ramp, LTB			7	05-Jul-17	19-Jul-17	129	■ RW10, SB GP & Ramp, LTB											
	RW10, SB GP & Ramp, Drainage Rough In			6	12-Jul-17	24-Jul-17	129	■ RW10, SB GP & Ramp, Drainage Rough In											
	RW10, SB GP & Ramp, IT Rough in			6	12-Jul-17	24-Jul-17	129	■ RW10, SB GP & Ramp, IT Rough in											
	RW10, SB GP & Ramp, CSB			6	03-Jan-18	15-Jan-18	40	■ RW10, SB GP & Ramp, CSB											
	RW10, SB GP & Ramp, AC Bond Breaker			6	08-Jan-18	19-Jan-18	40	■ RW10, SB GP & Ramp, AC Bond Breaker											
	RW10, SB GP & Ramp, Form Blockouts for Drainage/IT			6	12-Jan-18	24-Jan-18	40	■ RW10, SB GP & Ramp, Form Blockouts for Dra											
	RW10, SB GP & Ramp, PCC Reinforcement & Paving, Pour 1			9	26-Feb-18	14-Mar-18	20	■ RW10, SB GP & Ramp, PCC Reinforcement											
	RW10, SB GP & Ramp, PCC Reinforcement & Paving, Pour 2			6	16-Mar-18	23-Mar-18	20	■ RW10, SB GP & Ramp, PCC Reinforcement											





## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
						J												J												J												A												J											
	RW10, SB Blodgett Bridge SEQ14A(3309+60), Abutments/Wing Walls	20	30-Oct-17	06-Dec-17	52																																					■ RW10, SB Blodgett Bridge SEQ14A(3309+60), Abu																							
	RW10, SB Blodgett Bridge SEQ14A(3309+60), Cure Caps	14	14-Nov-17	27-Nov-17	106																																					■ RW10, SB Blodgett Bridge SEQ14A(3309+60), Cure																							
	RW10, SB Blodgett Bridge SEQ14A(3309+60), Set Girders/Precast Panels/O'hangs	5	29-Nov-17	06-Dec-17	52																																					■ RW10, SB Blodgett Bridge SEQ14A(3309+60), Set																							
	RW10, SB Blodgett Bridge SEQ14A(3309+60), F/R/P Deck	27	08-Dec-17	30-Jan-18	52																																					■ RW10, SB Blodgett Bridge SEQ14A(3309+60),																							
RW10SEQ14A-1	RW10, SB Blodgett Bridge SEQ14A(3309+60), Cure Last Deck	7	31-Jan-18	06-Feb-18	100																																					■ RW10, SB Blodgett Bridge SEQ14A(3309+60),																							
<b>Drainage</b>																																																																	
<b>Permanent Barriers</b>																																																																	
<b>Signals and Illumination</b>																																																																	
<b>ITS/ITC</b>																																																																	
<b>Permanent signing and Markings</b>																																																																	
<b>Environmental Mitigation</b>																																																																	
<b>Hazardous Materials</b>																																																																	
<b>North Bound (Raod and Ramp)</b>																																																																	
<b>All Road Work</b>																																																																	
RW10-TC-100NB	RW10, NB GP, Setup Traffic Control	6	24-May-17	01-Jun-17	92																																					■ RW10, NB GP, Setup Traffic Control																							
RW10-EW-100NB	RW10, NB GP & Ramp, Clear & Grubb/Topsoil Removal	8	26-May-17	09-Jun-17	96																																					■ RW10, NB GP & Ramp, Clear & Grubb/Topsoil Removal																							
RW10-EW-100NBE	RW10, NB GP, Excavation	3	17-Jul-17	21-Jul-17	73																																					■ RW10, NB GP, Excavation																							
RW10-EW-100NBF	RW10, NB GP, Fill	13	17-Jul-17	04-Aug-17	73																																					■ RW10, NB GP, Fill																							
RW10-LT-100NB	RW10, NB GP, LTB	2	24-Jul-17	25-Jul-17	81																																					■ RW10, NB GP, LTB																							
RW10-SD-100NB	RW10, NB GP, Drainage Rough In	6	01-Aug-17	08-Aug-17	73																																					■ RW10, NB GP, Drainage Rough In																							
RW10-IT-100NB	RW10, NB GP, IT Rough in	6	01-Aug-17	08-Aug-17	73																																					■ RW10, NB GP, IT Rough in																							
RW10-AB-100NB	RW10, NB GP, CSB	6	10-Aug-17	18-Aug-17	73																																					■ RW10, NB GP, CSB																							
RW10-PV-100NB	RW10, NB GP, AC Bond Breaker	6	14-Aug-17	22-Aug-17	73																																					■ RW10, NB GP, AC Bond Breaker																							
RW10NB-PV-102	RW10, NB GP, Form Blockouts for Drainage/IT	6	17-Aug-17	25-Aug-17	73																																					■ RW10, NB GP, Form Blockouts for Drainage/IT																							
RW10-PV-104NB	RW10, NB GP, PCC Reinforcement & Paving, Pour 1	9	05-Jan-18	24-Jan-18	0																																					■ RW10, NB GP, PCC Reinforcement & Paving, P																							
RW10NB-PV-106	RW10, NB GP, PCC Reinforcement & Paving, Pour 2	6	25-Jan-18	02-Feb-18	0																																					■ RW10, NB GP, PCC Reinforcement & Paving, P																							
RW10NB-PV-112	RW10, NB GP, Cure Last PCC Pavement	7	03-Feb-18	09-Feb-18	137																																					■ RW10, NB GP, Cure Last PCC Pavement																							
RW10NB-PS-100	RW10, NB GP, F/R/P Major Sign Foundations	27	09-Feb-18	29-Mar-18	71																																					■ RW10, NB GP, F/R/P Major Sign Foundatio																							
RW10NB-PV-122	RW10, NB GP, Drainage/IT, Raise to Grade & Pour Back	12	09-Feb-18	02-Mar-18	72																																					■ RW10, NB GP, Drainage/IT, Raise to Grade &																							
RW10NB-PB-100	RW10, NB GP, Permanent Barriers	26	28-Jun-18	15-Aug-18	0																																					■ RW10, NB GP, Permanent Barrie																							
RW10NB-PB-120	RW10, NB GP, Erect all Signs	12	06-Jul-18	30-Jul-18	37																																					■ RW10, NB GP, Erect all Signs																							
RW10NB-PB-110	RW10, NB GP, Striping	6	27-Sep-18	08-Oct-18	0																																					■ RW10, NB GP, Striping																							
RW10NB-TC-120	RW10, NB GP, Move Traffic to Median	0		08-Oct-18	0																																					◆ RW10, NB GP, Move Traffic to																							
<b>North Bound Exit Ramp (3280+00 to 3290+00)</b>																																																																	
<b>Traffic Control and Temporary Work</b>																																																																	
<b>Removals</b>																																																																	
<b>Earthwork</b>																																																																	
<b>Landscaping</b>																																																																	
<b>Subgrade Treatment and Base</b>																																																																	
<b>Pavement</b>																																																																	
<b>Retaining Walls</b>																																																																	
<b>Bridges</b>																																																																	
<b>SEQ 16B, Widen NB @ Cleburne</b>																																																																	





## SH 288 Toll Lanes Project in Harris County WBS

Activity ID	Activity Name	OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
RW10SEQ16B-10	RW10, NB Cleburne Bridge SEQ16B(3326+45), Drill & Concrete Shafts	6	14-Oct-16	24-Oct-16	62																									■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Drill & Concrete Shafts																																			
RW10SEQ16B-1	RW10, NB Cleburne Bridge SEQ16B(3326+45), Footings	26	23-Feb-17	10-Apr-17	0																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Footings																							
RW10SEQ16B-1	RW10, NB Cleburne Bridge SEQ16B(3326+45), Columns	22	17-Mar-17	24-Apr-17	75																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Columns																							
RW10SEQ16B-1	RW10, NB Cleburne Bridge SEQ16B(3326+45), Bent Caps	19	31-Mar-17	05-May-17	75																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Bent Caps																							
RW10SEQ16B-13	RW10, NB Cleburne Bridge SEQ16B(3326+45), Abutments/Wing Walls	20	21-Apr-17	25-May-17	76																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Abutments/Wing Walls																							
RW10SEQ16B-1	RW10, NB Cleburne Bridge SEQ16B(3326+45), Cure Caps	14	06-May-17	19-May-17	139																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Cure Caps																							
RW10SEQ16B-15	RW10, NB Cleburne Bridge SEQ16B(3326+45), Set Girders/Precast Panels/O'hangs	9	22-May-17	02-Jun-17	75																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Set Girders/Precast Panels/O'hangs																							
RW10SEQ16B-1	RW10, NB Cleburne Bridge SEQ16B(3326+45), F/R/P Deck	27	30-May-17	21-Jul-17	75																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), F/R/P Deck																							
RW10NBQ16B-1	RW10, NB Cleburne Bridge SEQ16B(3326+45), Cure Last Deck	7	22-Jul-17	28-Jul-17	334																																					■ RW10, NB Cleburne Bridge SEQ16B(3326+45), Cure Last Deck																							
<b>SEQ 15B, Widen NB @ Wheeler</b>																																																																	
				14-Nov-16	94																																																												
		18	17-May-17	16-Jun-17	0																																																												
		16	31-May-17	29-Jun-17	108																																																												
		19	21-Jun-17	26-Jul-17	108																																																												
		20	10-Jul-17	11-Aug-17	110																																																												
		14	27-Jul-17	09-Aug-17	204																																																												
		8	10-Aug-17	22-Aug-17	107																																																												
		27	18-Aug-17	06-Oct-17	107																																																												
		7	07-Oct-17	13-Oct-17	257																																																												
<b>SEQ 14B, Widen NB @ Blodgett</b>																																																																	
RW10SEQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), Drill & Concrete Shafts	6	28-Nov-16	07-Dec-16	118																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Drill & Concrete Shafts											
RW10SEQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), Footings	27	25-Jul-17	07-Sep-17	0																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Footings											
RW10SEQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), Columns	22	11-Aug-17	19-Sep-17	97																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Columns											
RW10SEQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), Bent Caps	19	29-Aug-17	02-Oct-17	97																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Bent Caps											
RW10SEQ14B-13	RW10, NB Blodgett Bridge SEQ14B(3309+60), Abutments/Wing Walls	20	18-Sep-17	23-Oct-17	98																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Abutments/Wing Walls											
RW10SEQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), Cure Caps	14	03-Oct-17	16-Oct-17	188																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Cure Caps											
RW10SEQ14B-15	RW10, NB Blodgett Bridge SEQ14B(3309+60), Set Girders/Precast Panels/O'hangs	8	17-Oct-17	26-Oct-17	98																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Set Girders/Precast Panels/O'hangs											
RW10SEQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), F/R/P Deck	27	24-Oct-17	13-Dec-17	98																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), F/R/P Deck											
RW10NBQ14B-1	RW10, NB Blodgett Bridge SEQ14B(3309+60), Cure Last Deck	7	14-Dec-17	20-Dec-17	189																																																	■ RW10, NB Blodgett Bridge SEQ14B(3309+60), Cure Last Deck											
<b>Drainage</b>																																																																	
<b>Permanent Barriers</b>																																																																	
<b>Signals and Illumination</b>																																																																	
<b>ITS/ITC</b>																																																																	
<b>Permanent signing and Markings</b>																																																																	
<b>Environmental Mitigation</b>																																																																	
<b>Hazardous Materials</b>																																																																	
<b>Southmore</b>																																																																	
<b>All Road Work</b>																																																																	
RW10SEQ13-WSUR	RW10, Underpass @ Southmore WB SEQ13, All West Surface Street Work	40	29-Mar-18	11-Jun-18	84																																																	■ RW10, Underpass @ Southmore WB											



Activity ID		Activity Name		OD	Start	Finish	Total Float	2015												2016												2017												2018												2019											
								J				J				J				J				J				J				J				J																															
RW10SEQ13-ESURF		RW10, Underpass @ Southmore WB SEQ13, All East Surface Street Work		40	29-Mar-18	11-Jun-18	84																																					A												RW10, Underpass @ Southmore WB											
<b>Traffic Control and Temporary Work</b> Removals Earthwork Landscaping Subgrade Treatment and Base Pavement Retaining Walls Bridges																																																																			
<b>SEQ 13A, Underpass @ Southmore WB</b>																																																																			
						16-Aug-16	0																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Move Traffic to EB											
				8	18-Aug-16	30-Aug-16	0																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Drill & Concrete Shafts											
				18	26-Aug-16	23-Sep-16	0																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Footings											
				16	09-Sep-16	10-Oct-16	128																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Columns											
				19	28-Sep-16	31-Oct-16	128																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Bent Caps											
				20	18-Oct-16	21-Nov-16	128																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Abutments/Wing Walls											
				14	01-Nov-16	14-Nov-16	248																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Cure Caps											
				7	16-Nov-16	28-Nov-16	127																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Set Girders/Precast											
				18	23-Nov-16	29-Dec-16	127																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), F/R/P Deck											
				7	30-Dec-16	05-Jan-17	258																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Cure Last Deck											
				3	06-Jan-17	11-Jan-17	137																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Permanent Barri											
				2	13-Jan-17	16-Jan-17	137																																																	RW10, Underpass @ Southmore WB SEQ13A(3292+50), Striping											
<b>SEQ 13A, Underpass @ Southmore EB</b>																																																																			
				1	18-Jan-17	18-Jan-17	137																																																	RW10, Underpass @ Southmore EB SEQ13A(3292+50), Move Traffic to WB											
				8	20-Jan-17	01-Feb-17	137																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Drill & Concrete											
				18	13-Oct-17	08-Nov-17	0																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Footings											
				16	26-Oct-17	22-Nov-17	0																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Columns											
				19	13-Nov-17	21-Dec-17	0																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Bent Caps											
				20	04-Dec-17	12-Jan-18	84																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Abutments/Wing Walls											
				14	22-Dec-17	04-Jan-18	159																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Cure Caps											
				7	05-Jan-18	19-Jan-18	83																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Set Girders/Precast Panels/O'hangs											
				29	17-Jan-18	14-Mar-18	83																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), F/R/P Deck											
				7	15-Mar-18	21-Mar-18	155																																																	RW10, Underpass @ Southmore EB SEQ13B(3292+50), Cure Last Deck											



**WBS**

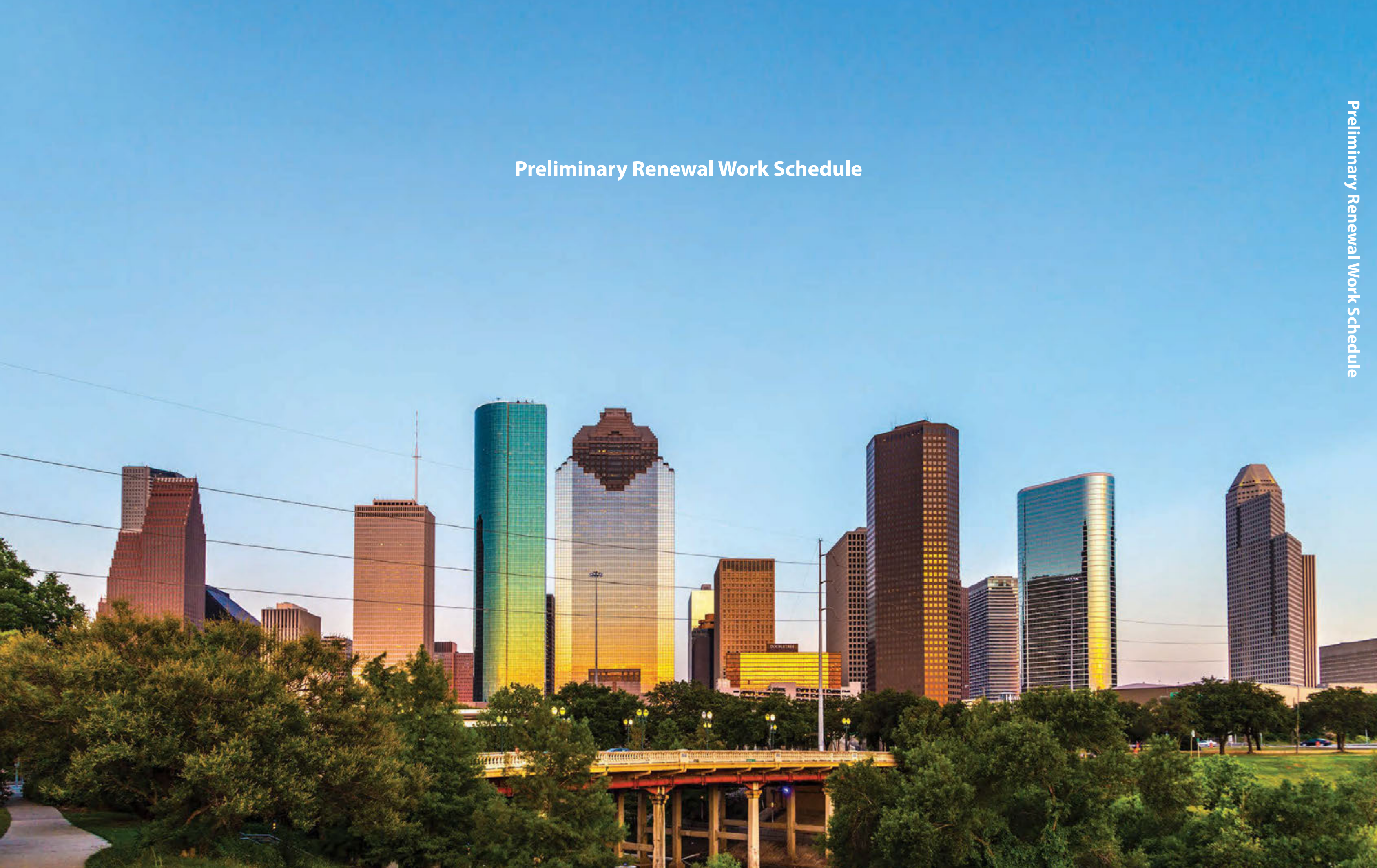
Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015			2016			2017			2018		
RW10SEQ13B-18	RW10, Underpass @ Southmore EB SEQ13A(3292+50), Permanent Barrier	3	22-Mar-18	26-Mar-18	84	<div style="display: flex; justify-content: space-between;"> <span>■ RW10, Underpass @ Southmore EB SEQ13A(3292+50), Permanent Barrier</span> </div>											
RW10SEQ13B-19	RW10, Underpass @ Southmore EB SEQ13A(3292+50), Striping	2	27-Mar-18	28-Mar-18	84	<div style="display: flex; justify-content: space-between;"> <span>■ RW10, Underpass @ Southmore EB SEQ13A(3292+50), Striping</span> </div>											
<b>Drainage</b> <b>Permanent Barriers</b> <b>Signals and Illumination</b> <b>ITS/ITC</b> <b>Permanent signing and Markings</b> <b>Environmental Mitigation</b> <b>Hazardous Materials</b>																	
<b>Tolling Structures</b>																	
<b>Tolling Zone 1(Holcomb)</b>																	
TZ1-100	TZ1(Holcomb), Toll Gantry, F/R/P Foundations & Cure	18	09-Mar-18	09-Apr-18	18	<div style="display: flex; justify-content: space-between;"> <span>■ TZ1(Holcomb), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ1-110	TZ1(Holcomb), Toll Gantry, Erect Structure	25	11-Apr-18	24-May-18	18	<div style="display: flex; justify-content: space-between;"> <span>■ TZ1(Holcomb), Toll Gantry, Erect Structure</span> </div>											
TZ1-120	TZ1(Holcomb), Toll Gantry, Install Toll Equipment & Terminate	25	25-May-18	11-Jul-18	18	<div style="display: flex; justify-content: space-between;"> <span>■ TZ1(Holcomb), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 2(IH 610)</b>																	
TZ2-100	TZ2(IH 610), Toll Gantry, F/R/P Foundations & Cure	18	02-Jun-16	07-Jul-16	0	<div style="display: flex; justify-content: space-between;"> <span>■ TZ2(IH 610), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ2-110	TZ2(IH 610), Toll Gantry, Erect Structure	20	08-Jul-16	12-Aug-16	0	<div style="display: flex; justify-content: space-between;"> <span>■ TZ2(IH 610), Toll Gantry, Erect Structure</span> </div>											
TZ2-120	TZ2(IH 610), Toll Gantry, Install Toll Equipment & Terminate	20	15-Aug-16	14-Sep-16	0	<div style="display: flex; justify-content: space-between;"> <span>■ TZ2(IH 610), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 3(BW 8)</b>																	
TZ3-100	TZ3(BW 8), Toll Gantry, F/R/P Foundations & Cure	18	03-Mar-17	03-Apr-17	10	<div style="display: flex; justify-content: space-between;"> <span>■ TZ3(BW 8), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ3-110	TZ3(BW 8), Toll Gantry, Erect Structure	20	05-Apr-17	12-May-17	10	<div style="display: flex; justify-content: space-between;"> <span>■ TZ3(BW 8), Toll Gantry, Erect Structure</span> </div>											
TZ3-120	TZ3(BW 8), Toll Gantry, Install Toll Equipment & Terminate	20	15-May-17	19-Jun-17	10	<div style="display: flex; justify-content: space-between;"> <span>■ TZ3(BW 8), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 4(BW 8 WB to SH 288)</b>																	
TZ4-100	TZ4(BW 8 WB to SH 288), Toll Gantry, F/R/P Foundations & Cure	15	08-Sep-17	04-Oct-17	155	<div style="display: flex; justify-content: space-between;"> <span>■ TZ4(BW 8 WB to SH 288), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ4-110	TZ4(BW 8 WB to SH 288), Toll Gantry, Erect Structure	20	06-Oct-17	06-Nov-17	155	<div style="display: flex; justify-content: space-between;"> <span>■ TZ4(BW 8 WB to SH 288), Toll Gantry, Erect Structure</span> </div>											
TZ4-120	TZ4(BW 8 WB to SH 288), Toll Gantry, Install Toll Equipment & Terminate	20	08-Nov-17	19-Dec-17	155	<div style="display: flex; justify-content: space-between;"> <span>■ TZ4(BW 8 WB to SH 288), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 5(SH 288 NB to BW 8)</b>																	
TZ5-100	TZ5(SH 288 NB to BW 8), Toll Gantry, F/R/P Foundations & Cure	15	15-Nov-17	15-Dec-17	117	<div style="display: flex; justify-content: space-between;"> <span>■ TZ5(SH 288 NB to BW 8), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ5-110	TZ5(SH 288 NB to BW 8), Toll Gantry, Erect Structure	20	18-Dec-17	25-Jan-18	117	<div style="display: flex; justify-content: space-between;"> <span>■ TZ5(SH 288 NB to BW 8), Toll Gantry, Erect Structure</span> </div>											
TZ5-120	TZ5(SH 288 NB to BW 8), Toll Gantry, Install Toll Equipment & Terminate	20	26-Jan-18	05-Mar-18	117	<div style="display: flex; justify-content: space-between;"> <span>■ TZ5(SH 288 NB to BW 8), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 6(SH 288 SB to BW 8)</b>																	
TZ6-100	TZ6(SH 288 SB to BW 8), Toll Gantry, F/R/P Foundations & Cure	15	27-Mar-18	23-Apr-18	51	<div style="display: flex; justify-content: space-between;"> <span>■ TZ6(SH 288 SB to BW 8), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ6-110	TZ6(SH 288 SB to BW 8), Toll Gantry, Erect Structure	20	24-Apr-18	29-May-18	51	<div style="display: flex; justify-content: space-between;"> <span>■ TZ6(SH 288 SB to BW 8), Toll Gantry, Erect Structure</span> </div>											
TZ6-120	TZ6(SH 288 SB to BW 8), Toll Gantry, Install Toll Equipment & Terminate	20	30-May-18	05-Jul-18	51	<div style="display: flex; justify-content: space-between;"> <span>■ TZ6(SH 288 SB to BW 8), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 7(BW 8 EB to SH 288)</b>																	
TZ7-100	TZ7(BW 8 EB to SH 288), Toll Gantry, F/R/P Foundations & Cure	15	29-Jan-18	26-Feb-18	91	<div style="display: flex; justify-content: space-between;"> <span>■ TZ7(BW 8 EB to SH 288), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ7-110	TZ7(BW 8 EB to SH 288), Toll Gantry, Erect Structure	15	27-Feb-18	26-Mar-18	91	<div style="display: flex; justify-content: space-between;"> <span>■ TZ7(BW 8 EB to SH 288), Toll Gantry, Erect Structure</span> </div>											
TZ7-120	TZ7(BW 8 EB to SH 288), Toll Gantry, Install Toll Equipment & Terminate	15	27-Mar-18	23-Apr-18	91	<div style="display: flex; justify-content: space-between;"> <span>■ TZ7(BW 8 EB to SH 288), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 8(IH 610 to NB SH 288)</b>																	
				30-Jun-16	13	<div style="display: flex; justify-content: space-between;"> <span>■ TZ8(IH 610 to NB SH 288), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
		15	01-Jul-16	29-Jul-16	13	<div style="display: flex; justify-content: space-between;"> <span>■ TZ8(IH 610 to NB SH 288), Toll Gantry, Erect Structure</span> </div>											
		15	01-Aug-16	25-Aug-16	13	<div style="display: flex; justify-content: space-between;"> <span>■ TZ8(IH 610 to NB SH 288), Toll Gantry, Install Toll Equipment &amp; Terminate</span> </div>											
<b>Tolling Zone 9(SH 288 NB to IH 610)</b>																	
TZ9-100	TZ9(SH 288 NB to IH 610), Toll Gantry, F/R/P Foundations & Cure	15	17-Aug-18	07-Sep-18	0	<div style="display: flex; justify-content: space-between;"> <span>■ TZ9(SH 288 NB to IH 610), Toll Gantry, F/R/P Foundations &amp; Cure</span> </div>											
TZ9-110	TZ9(SH 288 NB to IH 610), Toll Gantry, Erect Structure	15	10-Sep-18	08-Oct-18	0	<div style="display: flex; justify-content: space-between;"> <span>■ TZ9(SH 288 NB to IH 610), Toll Gantry, Erect Structure</span> </div>											



Activity ID	Activity Name	OD	Start	Finish	Total Float	Gantt Chart											
						2015			2016			2017			2018		
TZ9-120	TZ9(SH 288 NB to IH 610), Toll Gantry, Install Toll Equipment & Terminate	15	10-Oct-18	31-Oct-18	0	<div style="display: flex; justify-content: space-between;"> <span>J</span> <span>J</span> <span>J</span> <span>A</span> </div> <span style="float: right;">■ TZ9(SH 288 NB to IH 610), T</span>											
<b>Tolling Zone 10(SH 288 SB to IH 610)</b>																	
TZ10-100	TZ10(SH 288 SB to IH 610), Toll Gantry, F/R/P Foundations & Cure	15	02-Jun-16	30-Jun-16	13	<span style="float: right;">■ TZ10(SH 288 SB to IH 610), Toll Gantry, F/R/P Foundations &amp; Cure</span>											
TZ10-110	TZ10(SH 288 SB to IH 610), Toll Gantry, Erect Structure	15	01-Jul-16	29-Jul-16	13	<span style="float: right;">■ TZ10(SH 288 SB to IH 610), Toll Gantry, Erect Structure</span>											
TZ10-120	TZ10(SH 288 SB to IH 610), Toll Gantry, Install Toll Equipment & Terminate	15	01-Aug-16	25-Aug-16	13	<span style="float: right;">■ TZ10(SH 288 SB to IH 610), Toll Gantry, Install Toll Equipment &amp; Terminate</span>											
<b>Tolling Zone 11(IH 610 to SB SH 288)</b>																	
TZ11-100	TZ11(IH 610 to SB SH 288), Toll Gantry, F/R/P Foundations & Cure	15	17-Aug-18	07-Sep-18	0	<span style="float: right;">■ TZ11(IH 610 to SB SH 288), Tol</span>											
TZ11-110	TZ11(IH 610 to SB SH 288), Toll Gantry, Erect Structure	15	10-Sep-18	08-Oct-18	0	<span style="float: right;">■ TZ11(IH 610 to SB SH 288), T</span>											
TZ11-120	TZ11(IH 610 to SB SH 288), Toll Gantry, Install Toll Equipment & Terminate	15	10-Oct-18	31-Oct-18	0	<span style="float: right;">■ TZ11(IH 610 to SB SH 288),</span>											



# Preliminary Renewal Work Schedule





## Renewal Work Schedule

**Notes:**

-On going maintenance and minor reconditioning included in routine maintenance activities.

-Timing for each predicted rehabilitation activity listed in the table below will be adjusted at Service Commencement based on the final design, specific materials and inventory.

Throughout the term of the Agreement workloads and timing will be adjusted as part of BTG's whole life approach to asset management. This means that actual rehabilitation frequencies will be accelerated or decelerated considering temporal asset condition such that both efficiency and full compliance with Performance Requirements is achieved.

Renewal Work Activity by Category	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26
<b>Attenuators</b>																										
Impact Attenuator Rehabilitate																										
<b>Drainage</b>																										
Drain Structure Rehabilitate																										X
Pump stations - Pump Rehabilitate																				X						
<b>Fence</b>																										
Fence Rehabilitate																										
<b>Guardrail</b>																										
Guardrail Rehabilitate																						X				
<b>Pavement</b>																										
Flexible Pavement Mill/Fill Event 1								X	X	X																
Flexible Pavement Mill/Fill Event 2																		X	X	X						
Flexible Pavement 2 inch Mill/Fill Event 3																										
Flexible Pavement 2 inch Mill/Fill Event 4																										
Rigid Pavement event 1																										
Rigid Pancrete pavementEvent 2																										
Exposed Rigid Pavement Spot Grind for Skid					X					X					X					X					X	
<b>Signage</b>																										
Overhead sign structure rehabilitation (new)																										
Overhead sign structure rehabilitate (existing)																										X
Sign Panel Replace Systemwide (multi-post and overhead)							X							X							X					
Sign Panel Replace Systemwide (single post)							X						X								X					
Sign support single post rehabilitate											X											X				
<b>Structures Existing (newer)</b>																										
Existing Deck (newer) Bridge Deck Overlay - Rehabilitate																X										
Existing Deck (newer) Deck Joints - Repair/Replace Assembly																										
Existing Super Structure (newer) Neoprene Bearing Pads - Replace/Adjust																				X						
<b>Structures Existing (older)</b>																										
Existing Bridge (older) Full replacement																										
Existing Deck (older) Bridge Deck Overlay - Rehabilitate																							X			
Existing Deck (older) Deck Joints - Repair/Replace Assembly						X															X					
Existing Super Structure (older) Neoprene Bearing Pads - Replace/Adjust										X										X						
<b>Structures New</b>																										
New Deck Bridge Deck Overlay - Replace																										X
New Deck Deck Joints - Repair/Replace Assembly																										
New Super Structure Neoprene Bearing Pads - Replace/Adjust																										
<b>Tolling and ITS System</b>																										
Rehabilitate Tolling and ITS Equipment and Software						X			X	X	X			X		X	X			X	X				X	X
<b>Walls</b>																										
Sound barrier painting														X												



## Renewal Work Schedule

**Notes:**

-On going maintenance and minor reconditioning included in routine maintenance activities.

-Timing for each predicted rehabilitation activity listed in the table below will be adjusted at Service Commencement based on the final design, specific materials and inventory. Throughout the term of the Agreement workloads and timing will be adjusted as part of BTG's whole life approach to asset management. This means that actual rehabilitation frequencies will be accelerated or decelerated considering temporal asset condition such that both efficiency and full compliance with Performance Requirements is achieved.

Renewal Work Activity by Category	Year 27	Year 28	Year 29	Year 30	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49
<b>Attenuators</b>																							
Impact Attenuator Rehabilitate																					X	X	
<b>Drainage</b>																							
Drain Structure Rehabilitate																			X				
Pump stations - Pump Rehabilitate														X									
<b>Fence</b>																							
Fence Rehabilitate																				X			
<b>Guardrail</b>																							
Guardrail Rehabilitate						X																	
<b>Pavement</b>																							
Flexible Pavement Mill/Fill Event 1																							
Flexible Pavement Mill/Fill Event 2																							
Flexible Pavement 2 inch Mill/Fill Event 3			X	X	X																		
Flexible Pavement 2 inch Mill/Fill Event 4													X	X	X								
Rigid Pavement event 1																					X	X	X
Rigid Pancrete pavementEvent 2													X	X	X								
Exposed Rigid Pavement Spot Grind for Skid				X					X					X					X				
<b>Signage</b>																							
Overhead sign structure rehabilitation (new)								X															
Overhead sign structure rehabilitate (existing)									X														
Sign Panel Replace Systemwide (multi-post and overhead)		X							X							X							X
Sign Panel Replace Systemwide (single post)		X							X							X							X
Sign support single post rehabilitate						X										X							
<b>Structures Existing (newer)</b>																							
Existing Deck (newer) Bridge Deck Overlay - Rehabilitate						X																X	
Existing Deck (newer) Deck Joints - Repair/Replace Assembly				X															X				
Existing Super Structure (newer) Neoprene Bearing Pads - Replace/Adjust																							
<b>Structures Existing (older)</b>																							
Existing Bridge (older) Full replacement									X					X									
Existing Deck (older) Bridge Deck Overlay - Rehabilitate																X							
Existing Deck (older) Deck Joints - Repair/Replace Assembly				X					X										X				
Existing Super Structure (older) Neoprene Bearing Pads - Replace/Adjust																							
<b>Structures New</b>																							
New Deck Bridge Deck Overlay - Replace				X					X					X					X				X
New Deck Deck Joints - Repair/Replace Assembly				X															X				
New Super Structure Neoprene Bearing Pads - Replace/Adjust																			X				
<b>Tolling and ITS System</b>																							
Rehabilitate Tolling and ITS Equipment and Software	X				X		X							X	X								X
<b>Walls</b>																							
Sound barrier painting		X														X							

**EXHIBIT 8  
MILESTONE DEADLINES AND PUBLIC FUNDS PAYMENTS**

**Table 1  
Milestone Deadlines**

<b>Milestone</b>	<b>Deadline</b>
NTP2 Conditions Deadline	The later of (a) 180 days after the date TxDOT issues NTP1 or (b) 180 days after the date Financial Close occurs
Service Commencement Deadline	1,000 days after TxDOT issues NTP2
Long Stop Date	365 days after the Service Commencement Deadline
Final Acceptance Deadline for each Project Segment	90 days after the Service Commencement Date for the applicable Project Segment

**Table 2  
Public Funds Payments**

*(if included in Developer's Proposal)*

<b>Public Funds Payment</b>	<b>Payable Not Prior To</b>
Not applicable	Not applicable

**Table 3  
GPLCI Payment: Component A**

<b>Component A</b>	<b>Amount</b>
The initial lump-sum, fixed-price amount for the GPLCI Design-Build Contract, which amount is subject to adjustment pursuant to <u>Section 25.1.7(c)</u>	\$337,433,000



**Table 4**  
**GPLCI Payment: Component B**

<b>Year</b>	<b>Amount</b>
2035	\$26,472,062
2036	\$29,235,928
2037	\$32,280,846
2038	\$35,581,295
2039	\$38,822,720
2040	\$42,263,336
2041	\$45,826,570
2042	\$49,504,670
2043	\$53,373,368
2044	\$57,146,691
2045	\$61,101,532
2046	\$65,141,038
2047	\$69,255,033
2048	\$73,719,615
2049	\$78,207,055
2050	\$83,061,866
2051	\$88,218,565
2052	\$93,693,753
2053	\$99,631,228
2054	\$105,697,659
2055	\$112,240,953
2056	\$119,201,760
2057	\$127,763,521
2058	\$135,828,301
2059	\$144,050,781
2060	\$151,681,289
2061	\$161,024,788
2062	\$171,004,259
2063	\$181,748,836
2064	\$192,842,601
2065	\$204,901,098
2066	\$217,594,794
2067	\$149,442,020

## Public Funds Payment Terms

### 1. Applicability

These “Public Funds Payment Terms” apply to the remittance of the TMC Public Funds Payment and the Public Funds Payments set out in Table 2 of this Exhibit 8. In addition, the GPLCI Design-Build Contract shall include substantially similar terms for the payment of any amounts thereunder, subject to any modifications required by TxDOT to conform to then-prevailing payment terms used by TxDOT in its design-build contracts.

The achievement of Financial Close and the issuance of NTP2 are conditions precedent to TxDOT’s obligation to remit the TMC Public Funds Payment or any other Public Funds Payment.

### 2. Draft Payment Request

Developer shall submit a draft payment request to TxDOT and the Independent Engineer every three months (or such other longer frequency as determined by Developer). The draft payment request shall be submitted no earlier than seven days following the end of each such payment period.

Each payment request shall include one hard copy and one electronic copy of the following:

(a) A cover sheet, which shall include (i) the project number and title, (ii) the invoice number (numbered consecutively starting with “1”), (iii) the period covered by the payment request (inclusive calendar days), (iv) the amount of TMC Public Funds Payment and other Public Funds Payments paid theretofore and the amount of this payment request, (v) the maximum amount of Public Funds Payments payable to that point in time, as set out in Table 2 of this Exhibit 8, (vi) the total additional amount remaining to be paid by TxDOT, (vii) authorized signature and title of signatory and (viii) date the payment request was signed;

(b) A listing of the completed Payment Activities, which shall be grouped by WBS and include (i) Payment Activity ID, (ii) Payment Activity description, (iii) Payment Activity value set forth on the Schedule of Values, (iv) total earned based on the Schedule of Values for the payment request period at WBS Level II and (v) total earned based on the Schedule of Values for the Project to date;

(c) The corresponding progress reports for the period covered by the payment request;

(d) A certificate in the form set out as Attachment 1 to this Exhibit 8, with no additions or deletions other than those approved by TxDOT; and

(e) Supporting documents, to be identified by TxDOT prior to the submission of the first payment request.

The maximum amount of any payment request may not exceed the greater of (x) the cumulative amount of Public Funds Payments to be paid through and including the date of the payment request, as set out in Table 2 of this Exhibit 8, less all Public Funds Payments previously paid and (y) the total amount of Payment Activities completed through and including the date of the payment request. Partially completed Payment Activities are not eligible for payment.

### **3. Payment Request and Progress Status Meeting**

Developer shall schedule and hold meetings with TxDOT and the Independent Engineer to review the payment request and progress status within seven days after Developer submits the draft payment request to TxDOT. The meetings shall address (a) actual activity start dates, finish dates and forecast dates, (b) total earned based on the Schedule of Values for the payment request period and for the Project to date, (c) incorporation of and summary list of all approved Change Orders, (d) Critical Path(s) and analysis of potential performance areas and (e) written summary of actions that are either in consideration or are being taken to minimize areas of potential impact or concerns.

Upon approval of the draft payment request by TxDOT, TxDOT and Developer shall sign the draft payment request to indicate that it has been approved.

### **4. Payment Request and Remittance of Payment**

Developer shall submit each payment request promptly after the draft payment request is approved by TxDOT.

Within 30 days after TxDOT receives a complete, approved payment request that is compliant with the requirements of this Agreement, TxDOT will remit to Developer the amount of the payment request, less any amounts owing by Developer to TxDOT; *provided* that if, at such time, there exists any Developer Default that remains uncured, TxDOT may delay and withhold such payment until such Developer Default is fully and completely cured.

### **5. Payment to Design-Build Contractor**

Within 10 days after receipt of payment from TxDOT, Developer shall pay the Design-Build Contractor out of the amount paid to Developer the amount to which the Design-Build Contractor is entitled under its contract with Developer. In Developer's contract with the Design-Build Contractor, Developer shall require the Design-Build Contractor to make payment to its subcontractors and suppliers in a similar manner. TxDOT has no obligation to pay, or to see to the payment of, money to the Design-Build Contractor or its subcontractors or suppliers, except as may otherwise be required by Law.

### **6. No Waiver**

No payment shall be construed as an acceptance of any defective work or improper materials.

### **7. Disputes**

Failure by TxDOT to pay any amount in dispute shall not alleviate, diminish or modify in any respect Developer's obligation to perform under the CDA Documents and Developer shall not cease or slow down its performance under the CDA Documents on account of any such amount. Any dispute regarding such payment shall be resolved pursuant to the Dispute Resolution Procedures.

**ATTACHMENT 1 TO EXHIBIT 8**

SH 288 Toll Lanes Project in Harris County  
TxDOT Contract No. xx-xxxPxxxx Invoice No: xx  
Invoice Period: \_\_\_\_\_, 20\_\_ through \_\_\_\_\_, 20\_\_

**Payment Request Cover Sheet**  
**(Section 2(a))**

Total Project Construction Costs	\$703,411,115	
Public Funds Amount		\$0
Sum of Schedule of Values of Completed Payment Activities		\$xxx,xxx,xxx.00
Total amount of Public Funds Amount Paid		\$xx,xxx,xxx.00
Payment Request Amount		\$xx,xxx,xxx.00
Maximum amount payable based on Public Funds Payments schedule		\$xxx,xxx,xxx.00
Remaining Project Construction Costs	\$xxx,xxx,xxx.00	
Remaining amount of Public Funds Amount not paid		\$xxx,xxx,xxx.00

SH 288 Toll Lanes Project in Harris County  
 TxDOT Contract No. xx-xxxPxxxx Invoice No: xx  
 Invoice Period: \_\_\_\_\_, 20\_\_ through \_\_\_\_\_, 20\_\_

**Listing of Completed Payment Activities**  
**(Section 2(b))**

Activity ID No.	Activity Description	Payment Activity value set forth on Schedule of Values
		<b>\$xxx,xxx,xxx.00</b>
		<b>\$xxx,xxx,xxx.00</b>
		<b>\$xxx,xxx,xxx.00</b>
<b>TOTAL EARNED</b> _____, 20__ - _____, 20__		<b>\$xxx,xxx,xxx.00</b>
<b>TOTAL EARNED TO DATE</b>		<b>\$xxx,xxx,xxx.00</b>

**CERTIFICATE**  
**(Section 2(e))**

In order to induce the Texas Department of Transportation (“**TxDOT**”) to make payment as requested by this Payment Request, Developer hereby certifies, represents and warrants to TxDOT as follows:

1. Unless otherwise indicated, capitalized terms used herein shall have the meanings set forth in that certain Comprehensive Development Agreement between TxDOT and Developer (“**CDA**”).
2. The Work associated with each Payment Activity described in the exhibits and documents attached hereto is 100% complete and has been fully performed in a prudent manner and in compliance with the requirements of the CDA Documents; all necessary materials to perform such Work have been provided in accordance with the provisions of the CDA Documents and the Design-Build Contract; and the information contained in such exhibits and documents is true, complete and correct in all material respects.
3. The amount specified in the Payment Request has been computed in accordance with, and is due and payable under, the terms and conditions of the CDA, has not been the subject of any previous Payment Request (unless disputed or rejected for payment) and is not the subject of any pending Payment Request from Developer.
4. No Developer Default has occurred and is continuing that has not been reported to TxDOT.
5. The representations and warranties of Developer set forth in the CDA are true and correct as of the date of this Payment Request.
6. No event of default or event under the Design-Build Contract which with the giving of notice or the lapse of time would result in an event of default under the Design-Build Contract has occurred and is continuing as of the date hereof. *[After the Collateral Agent exercises any step-in rights and assumes control of design and construction of the Project, and until transfer of the Developer’s Interest from the Collateral Agent to an approved Substituted Entity, this representation from the Collateral Agent may be revised to read as follows, if necessary: No event of default or event under the Design-Build Contract which with the giving of notice or the lapse of time would result in an event of default under the Design-Build Contract has occurred and is continuing as of the date hereof, except as may be specifically disclosed in writing with this Payment Request, and for each such exception either the Design-Build Contractor is diligently and in good faith pursuing cure thereof or the undersigned is diligently pursuing its lawful remedies relating to such event, as more particularly described in writing with this Payment Request.]*
7. All Governmental Approvals necessary for the Work that are Developer’s obligation to obtain pursuant to the CDA Documents and to which this Payment Request relates have been secured, except to the extent TxDOT and the issuing Governmental Entity have granted a written exception, and there exists no reason to believe that any future Governmental Approvals that are Developer’s obligation to obtain pursuant to the CDA Documents for the Work cannot be secured.
8. Neither Developer nor the Design-Build Contractor is barred or suspended from providing goods or services to any local, state or federal agency. Except for any specific subcontractor or Supplier listed as barred or suspended in an attachment hereto, each subcontractor and Supplier for the Work has certified in its respective invoice to the Design-Build Contractor that it is not barred or suspended from providing goods or services to any local, state or federal

agency, and to Developer's knowledge no subcontractor or Supplier has been so barred or suspended.

9. As of the date hereof, Developer has been paid all amounts due to it under the CDA Documents and the Design-Build Contractor, each other prime Contractor for Secured Work, and all subcontractors, Suppliers, Utility Owners and other third parties engaged or retained for performance of Secured Work or supply of related services materials or equipment have been paid all amounts due under their respective contracts or purchase agreements (in each case, other than amounts to be paid pursuant to this Payment Request, and in each case other than retainage and amounts in dispute of which Developer has previously given TxDOT written notice setting forth in detail the amounts in dispute).

10. Prevailing wages have been paid to all employees of Developer, the Design-Build Contractor and all subcontractors in accordance with the rates set forth in the Agreement.

11. Also attached hereto are:

(a) A certificate and release signed by the Design-Build Contractor, each other prime Contractor for Secured Work and each subcontractor or Supplier, Utility Owner or other third party engaged or retained for performance of Secured Work or supply of related services, materials or equipment included in any preceding Payment Request for which Developer received payment, certifying that it has received payment in full for such services, materials or equipment, except only for retainage and amounts in dispute, stating any amounts in dispute and waiving and releasing any and all claims, liens or security interests, known or unknown, suspected or unsuspected, arising out of such services, materials or equipment against any person or property whatsoever, including TxDOT, the State, the Project, any Payment Bond, and any letters of credit, except potential claims against retainage, or letters of credit or certificates of deposit for retainage.

(b) A current Public Funds Payments schedule inclusive of all approved adjustments.

(c) An "Affidavit of Wages Paid" submitted by the Design-Build Contractor, each other prime Contractor for Secured Work, and each subcontractor, certifying wages paid and compliance with applicable prevailing wage requirements.

(d) Other support documentation as required by the CDA or as appropriate to support this Payment Request.

**Developer**

**Blueridge Transportation Group, LLC**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**EXHIBIT 9**  
**TERMS OF TXDOT MATERIALS INSPECTION AND TESTING SERVICES**

TxDOT agrees to perform certain materials inspection and testing services as requested by Developer, and subject to the terms set forth below. The Parties agree that nothing contained in this Exhibit obligates the Developer to use TxDOT's materials inspection and testing services for the Project. Materials inspection and testing to be performed by TxDOT consists of the following:

- Inspection of various materials fabricated off-site (structural steel bridge components, pre-cast concrete stressed/non-stressed products, and miscellaneous fabricated products)
- Selected roadway Monitored Materials (as defined herein) from approved/monitored sources (i.e. Quality Monitored Materials and Material Producer List qualified materials)
- Other materials inspection and testing as agreed upon in writing by TxDOT and Developer

Inspections will be performed in reasonable compliance with the specifications and instructions supplied by Developer in its Work Request, utilizing the form attached as Appendix 2 hereto, and subject to the terms and conditions described below. Inspections will be performed only at locations in Texas where TxDOT routinely provides resident inspection services for its own highway materials. TxDOT will only perform tests listed in the TxDOT Inspection & Testing Rates Table referenced in Appendix 3 to this Exhibit 9, as amended from time to time. Out-of-state inspections for Developer will be performed only when TxDOT has employees scheduled to conduct inspections for TxDOT projects at the requested locations.

As inspection and testing services are performed by TxDOT, written inspection/test reports will be provided to Developer in accordance with TxDOT's existing policies for providing such reports. Reports will include the date, time, locations and nature of services performed. Monitored Materials will not be furnished with inspection/test reports. Out-of-state material fabrication inspections for Developer may be performed by TxDOT as requested by Developer. Developer will reimburse TxDOT for all direct costs associated with travel for out-of-state inspections, to include actual costs for travel expenses incurred, including airfare, per diem, vehicle rentals, equipment utilization costs, and other directly-related travel costs. Developer will reimburse TxDOT for inspection and testing services based on rates in effect at the time inspection and testing services are performed.

TxDOT may perform additional technical materials acceptance services for Developer to be agreed upon by both parties. These services are defined as additional inspection, testing or technical materials acceptance services beyond what is performed during the routine in-plant inspection process. Developer will compensate TxDOT for all direct costs or expenses associated with the performance of these additional services based upon actual costs of salaries and travel expenses incurred.

Prior to the commencement of the Construction Work, the Developer and TxDOT will provide each other with a respective single point of contact for this scope of services. TxDOT will direct all invoices, test reports, questions and other issues to this point of contact. Developer and TxDOT shall provide the other written notification of a change to the point of contact.

**INSPECTED MATERIALS:**

TxDOT will only perform inspection services for Developer at structural steel fabrication plants, commercial precast prestressed and non-stressed concrete products plants, and other miscellaneous fabrication plants where TxDOT routinely provides such inspection and testing services for its own highway materials or for others. TxDOT reserves the right to prioritize or reschedule any inspection and testing services, according to the following:



- Inspection and testing services may be cancelled or deferred due to unavailability of TxDOT personnel to perform the necessary inspection.
- Inspections for Developer will be given lower priority than inspections performed by TxDOT for TxDOT projects.
- Inspections for Developer may be rescheduled to coincide with the inspection of products for TxDOT projects.

Developer and its fabricators will abide by the Non-Compliance Report (NCR) process utilized by TxDOT for disposition of products that do not meet the requirements of the Developer's specifications provided in the Work Request. The current TxDOT NCR process for handling various NCR conditions is described in Appendix 1. TxDOT, in its sole and unfettered discretion, may revise the TxDOT NCR process.

A minimum of two weeks prior to TxDOT performing any inspections, Developer will submit Work Requests to TxDOT. Each Work Request will be for a single fabricator, and will include the following:

- Project information (i.e. contract number, CSJ, etc.)
- Work description
- Type and estimated quantity of material(s) to be inspected
- Fabricator information (Name, contact person, physical location)
- Desired date of inspection
- Signature/name and telephone number of Developer's authorized representative
- TxDOT 2004 Specification Item or Special Specification to be used for inspection
- List of Developer's amendments to TxDOT 2004 Specification Item
- Developers Special Specifications
- Complete set of necessary design drawings, material specifications, and shop drawing files in Adobe .pdf format to perform inspection of the material

### **MONITORED MATERIALS:**

TxDOT maintains certain materials for TxDOT's use. Additionally, certain products or Manufacturers/Suppliers are monitored as being TxDOT compliant. These materials are described in the following categories:

- QM- Quality Monitoring Program. Materials in Program sent directly to projects. Materials supplied with documentation of program compliance.
- MPL - Material maintained on approved list (Material Producer List). No additional testing necessary unless directed by Engineer
- WA - Warehouse Agreements to stock Pre-Tested materials
- PJT - Approve on the basis of project samples

The Developer will not receive a test report for the above-listed Monitored Materials.

### **TEST REPORTS AND INVOICES:**

TxDOT will send a monthly invoice to the Developer for services performed pursuant to this Exhibit 9. The test reports will be sent to the Developer's point of contact.

### **PAYMENTS:**

Developer will pay TxDOT's fees for performance of the materials testing and inspection services as shown in the TxDOT Inspection & Testing Rates Table in effect at the time the service is performed.

Information regarding TxDOT's Inspection & Testing Rates Table is attached as Appendix 3. Payments must be remitted by Developer, within 30 days after receipt of TxDOT's invoice, to:

Construction Division/ Texas Department of Transportation  
Attn: Construction Division/BMS (RA/200-2nd fl.)  
125 E. 11th Street  
Austin, TX 78701-2483

## **Appendix 1 NCR Processes**

### **Non-Compliance Report (NCR) Process for Structural Steel Bridge Products**

The NCR process for handling various NCR conditions in the Structural Steel Fabrication Branch includes:

**NCRs requiring Developer's engineer of record input (structural analysis, clarifications, etc.): CSTM&P will provide non-compliance information to Developer's point of contact. Upon review of the information regarding the non-compliance, Developer will provide in writing to TxDOT a corrective action. The corrective action shall be submitted via email to TxDOT in Adobe .pdf format.**

- Misplaced components beyond specification tolerances
- Extreme cases of additional, missing, elongated, etc. holes due to poor workmanship
- Material/design substitutions/changes after shop drawings have been approved

#### **NCRs handled by CSTM&P, Structural Steel Fabrication Branch, Austin Headquarters**

- Sweep, camber, and twist beyond specification limits
- Welding procedures, processes, and defects
- Misdrilled holes (minor deviations)
- Dimensional problems — length, vertical batter, horizontal skew, overall depth, etc.
- Additional splices in flanges and webs (may need to contact Designer if non-traditional member)
- Base metal defects
- Assembly of members

#### **NCRs handled by TxDOT plant inspectors (in-house repair)**

- Weld pick-ups
- Minor heat corrections for sweep/camber
- Weld defects (up to two times per location - generally)
- Painting issues

## **Non-Compliance Report (NCR) Process for Steel Non-Bridge Structures**

The NCR process handling for various NCR conditions in the Miscellaneous Products Fabrication Branch for steel non-bridge structures includes:

**NCRs requiring Developer's Engineer of Record input (structural analysis, clarifications, etc.): CSTM&P will provide non-compliance information to Developer's point of contact. Upon review of the information regarding the non-compliance, Developer will provide in writing to TxDOT a corrective action. The corrective action shall be submitted via email to TxDOT in Adobe .pdf format.**

- Fabrication discrepancies beyond specification tolerances. (mislocated and/or oversized holes for structural fasteners and/or anchor bolts, etc.)
- Proposed material substitutions for steel components

### **NCRs handled by CSTM&P, Structural Steel Fabrication Branch, Austin Headquarters**

- Welding procedures, welding repair procedures, procedure qualification records
- Misdrilled holes, bent surfaces (minor deviations)
- Dimensional problems — length, vertical batter, horizontal skew, overall depth, etc.
- Proposed paint system substitutions
- Base metal defects

### **NCRs handled by TxDOT plant inspectors (in-house repair)**

- Galvanized weldment tests
- Minor heat corrections
- Weld defect repairs permitted by the AWS D1.1 Structural Welding Code
- Painting and galvanizing issues

## **Non-Compliance Report (NCR) Process for Commercially Produced Precast Concrete Products**

The NCR process for handling various NCR conditions in the Precast Concrete Fabrication Branch includes,

**NCRs requiring Developer's Engineer of Record input (structural analysis, clarifications, etc.): CSTM&P will provide non-compliance information to Developer's point of contact. Upon review of the information regarding the non-compliance, Developer will provide in writing to TxDOT a corrective action. The corrective action shall be submitted via email to TxDOT in Adobe .pdf format.**

- Major honeycombed and/or spalled concrete exposing prestressing strand
- Modification to prestressed concrete bridge beams (cutting 6-12 inches off beam ends)
- Thin top slab on prestressed concrete box beams (internal void floating)
- Thick bottom slabs on prestressed concrete U-beams and box beams (excessive dead load)
- Low strength concrete

### **NCRs handled by CSTM&P, Precast Concrete Fabrication Branch, Austin Headquarters**

- Horizontal misalignment — Coordinate with prime contractor and District personnel
- Minor honeycombed/spalled concrete with exposed reinforcing and prestressing steel
- Damage over traffic lanes requiring concrete repair material (not allowed)
- Dimensional problems — length, vertical batter, horizontal skew, overall depth, etc.
- Minor beam modification — drilling anchor holes, cutting up to 6 inches off beam ends. (Coordinated with prime contractor and District personnel)
- Concrete damage in the bearing area of beams - shifting bearing pad away from beam end to reduce amount of bearing area affected by damage (Coordinated with prime contractor and District personnel)
- Concrete temperature and/or curing violations

### **NCRs handled by TxDOT plant inspectors (in-house repair)**

- Honeycombed/spalled concrete not extending beyond the first plane of reinforcing steel and not over traffic lanes
- Damage to prestressed bridge deck panels
- Damage to non-prestressed products

**Appendix 2  
Work Request**

Ms. Miranda Unruh  
TxDOT - Construction Division  
Materials & Pavements Section  
125 East 11th Street  
Austin, Texas 78701-2483

Re: SH XX  
Project Limits: from SH X interchange in Some County to IH Y in Another County  
CSJ No. 3333-03-003  
WORK REQUEST

Dear Ms Unruh,

We are requesting fabrication inspection of the following materials:

Developer provided specification number  
Railing PR1 (150 LF)  
Bid Item XXX

The fabricator:

Company Name  
3502 Pinemont  
City, TX 78123  
Contact Person: David Davod (off - 555-555-5555)(fax —)

Additional inspection information or request:

If you have any questions concerning this matter, please feel free to call me at *(insert Developer's office phone number)*.

Sincerely,

Developer Quality Manager

cc: Developer to provide pdf of necessary design files

**Appendix 3**  
**TxDOT Inspection & Testing Rates**

Charges will be based on rates in effect at the time inspection and testing services are performed.

TxDOT's current Inspection and Testing Rates are published at: [http://ftp.dot.state.tx.us/pub/txdot-info/cst/inspection\\_testing.pdf](http://ftp.dot.state.tx.us/pub/txdot-info/cst/inspection_testing.pdf)

## EXHIBIT 10 TOLL REGULATION

1. **Definitions.** Capitalized terms used but not defined in this Exhibit 10 have the meanings ascribed to them in Exhibit 1 to the Agreement. Unless otherwise specified, wherever the following abbreviations or terms are used in the Agreement (including this Exhibit 10) or the Technical Provisions, they have the meanings set forth below:

“**Administrative Fees**” means those fees permitted to be charged pursuant to, and subject to, Section 11.

“**Average of Average Speeds**” has the meaning set forth in Section 9(a).

“**Average Speed**” has the meaning set forth in Section 9(a).

“**Average Volume**” has the meaning set forth in Section 9(a).

“**Base Toll**” means the toll amount for a Toll Segment determined pursuant to Section 6 or Section 7, as applicable, before being multiplied by the Class Factor of the User and before addition of the Image-Based Billing Toll Premium (if any).

“**Base Toll Rate Soft Cap**” equals (a) for any portion of a Toll Segment that is not a Direct Connector, \$0.75 per mile (Escalated Annually – GSP) (“Non-Direct Connector Base Toll Rate Soft Cap”) or (b) for any portion of a Toll Segment that is a Direct Connector, \$1.50 (Escalated Annually – GSP) (“Direct Connector Base Toll Rate Soft Cap”).

“**Base Toll Soft Cap**” for a Toll Segment equals: (a)(i) the Non-Direct Connector Base Toll Rate Soft Cap *multiplied by* (ii) the actual length (in miles) of such Toll Segment excluding the length of any Direct Connector, rounded to the nearest one-cent; *plus* (b) the Direct Connector Base Toll Rate Soft Cap, if applicable. For clarity, the Direct Connector Base Toll Rate Soft Cap shall only be included in the calculation of the Base Toll Rate Soft Cap for those Toll Segments that include Direct Connectors.

“**Class Factor**” means the factors for each User Classification set out in Table 1.

“**Corridor Tolling Policy**” means the policy for SH 288 adopted by the committee convened pursuant to Section 228.013 of the Texas Transportation Code.

“**Demand Factor**” means the applicable factor under Table 4.

“**Direct Connector**” (DC) means a ramp connecting another highway or other road (other than SH 288) directly to the Toll Lanes.

“**Dynamic Mode**” means operation of the Toll Lanes using the pricing methodology set forth in Section 7.

“**Escalated Annually – CPI**” means, with respect to any amount, that such amount shall be increased as of January 1, 2013 and again as of January 1 of each calendar year thereafter by the greater of (a) 2% or (b) the percentage increase in CPI between CPI for October of the second immediately preceding year and CPI for October of the immediately preceding year. For clarity, if the amount to be escalated for a particular year had been rounded for the prior year, the increase shall always be made to the pre-rounded amount for the prior year rather than to the rounded amount.



**“Escalated Annually – GSP”** means, with respect to any amount, that such amount shall be increased as of January 1, 2013 and again as of January 1 of each calendar year thereafter by the greater of (a) 3% or (b) the percentage increase in GSP Per Capita between GSP Per Capita for the third immediately preceding year and GSP Per Capita for the second immediately preceding year. For clarity, the Bureau of Economic Analysis releases the GSP data for a year in the middle of the following year; therefore, by way of example, the adjustment that would be made as of January 1, 2013 would be the increase in GSP Per Capita between the GSP Per Capita for 2010 (released in mid-2011) and the GSP Per Capita for 2011 (released in mid-2012). For clarity, if the amount to be escalated for a particular year had been rounded for the prior year, the increase shall always be made to the pre-rounded amount for the prior year rather than to the rounded amount.

**“Exempt Vehicle”** means any (a) authorized emergency vehicle as defined in Section 541.201 of the Texas Transportation Code; (b) marked, recognizable military vehicle; (c) vehicle of TxDOT contractors working on the construction, improvement, maintenance or operation of the Project; (d) recognized public agency bus (including any public school bus); (e) vehicle with qualifying veteran license plate (as provided under Minute Order 113682 of the Commission, as the same may be amended or supplemented from time to time); (f) at Developer’s election, vehicle registered to Developer, its Contractors or their respective employees and used solely or primarily for on-site Construction Work or on-site O&M Work; and (g) subject to the provisions of the Agreement with respect to Discriminatory Changes in Law, any other class of vehicles for which applicable Law provides free, non-toll passage on the Toll Lanes.

**“Gross State Product” (GSP)** means the Nominal Gross Domestic Product by State for the State of Texas, as published by the United States Department of Commerce, Bureau of Economic Analysis, or if such publication ceases to exist a comparable publication selected by TxDOT and approved by Developer. If such publication is revised from that set forth above, the GSP shall be converted in accordance with the conversion factor published by the Bureau of Economic Analysis. If the Bureau of Economic Analysis otherwise alters its method of calculating such publication, the Parties shall mutually determine appropriate adjustments in the affected publication.

**“GSP Per Capita”** means the quotient equal to (a) GSP *divided by* (b) the most recently published annual estimate of the population for the State of Texas, as published by the United States Department of Commerce, Bureau of Economic Analysis.

**“Holiday”** means any (a) “national holiday” listed in Section 662.003(a) of the Texas Government Code and (b) any other day approved by TxDOT in which a special event is scheduled to occur in the vicinity of the Project that Developer expects will cause a material change in typical traffic volume.

**“Image-Based Billing”** means, if and when Image-Based Billing is allowed pursuant to Section 10(a), operation of the Toll Lanes in a manner that promotes or accommodates Video Transactions by Users that will not be treated or processed as Violations (unless and until the User fails to pay the associated invoice for the Video Transaction), including “pay-by-mail” and similar programs.

**“Image-Based Billing Toll Premium”** means the additional toll amount permitted to be charged to Users for a Video Transaction billed through Image-Based Billing (such as “pay-by-mail”) pursuant to Section 10(b) (if and when Image-Based Billing is allowed pursuant to Section 10(a)).

**“Minimum Base Toll”** equals (a) for any Toll Segment that is not a Direct Connector, the greater of (i) \$0.35 (Escalated Annually – CPI) and (ii) the product of (1) the Minimum Base Toll Rate *multiplied*

by (2) the actual length (in miles) of such Toll Segment, or (b) for any Toll Segment that is a Direct Connector, \$0.35 per Toll Segment (Escalated Annually – CPI).

“**Minimum Base Toll Rate**” equals \$0.06 per mile (Escalated Annually – CPI).

“**Passenger Car Equivalents per Hour**” (PCE/H) means the number of passenger car equivalents per hour as calculated pursuant to the most current version of the TRB Highway Capacity Manual (which method accounts for the effects of buses and trucks on operations).

“**Target Speed**” means the slower of (a) 45 MPH or (b) the speed equal to 15 MPH slower than the posted speed limit.

“**Time-of-Day Mode**” means operation of the Toll Lanes using the pricing methodology set forth in Section 6.

“**Toll Information Sign**” has the meaning set forth in Section 4(a)(i).

“**Toll Lanes**” means the Limited Access Highway lanes with respect to the Project as delineated in Section 1 of the Technical Provisions, in conformance with applicable Law.

“**Toll Segment**” has the meaning set forth in Section 3.

“**Toll Transaction**” means an electronic record of a toll and a related set of contemporaneous video images are properly transmitted to a CSC Host respecting a vehicle that passes through a tolling gantry on a Toll Lane on the Project, including a Transponder Transaction or a Video Transaction. Whether a Toll Transaction is a Transponder Transaction or a Video Transaction will be determined by the CSC Host based on the disposition of the Toll Transaction at the time of the settlement of funds for the Toll Transaction.

“**Transponder Issuer**” means any Person, including TxDOT, HCTRA and NTTA, who or which (a) issues transponders for mounting in vehicles and transacting Transponder Transactions on tolled roadways in the State or in any other state of the United States, (b) participates with TxDOT in interoperability protocols, agreements and arrangements, and (c) under such interoperability protocols, agreements and arrangements, covenants to remit payments to the other participants of all Toll Transactions that meet the terms for transmission, debiting and payment, and are required to be included in the current payment cycle, as set forth in such protocols, agreements and arrangements.

“**Transponder Transaction**” means a Toll Transaction respecting a vehicle that is equipped with a valid (i.e., not suspended or reported as lost or stolen), properly mounted, readable and working transponder issued by a Transponder Issuer that is associated with an account that is open (i.e., not suspended or closed) and has a sufficient account balance at the time of debit or re-debit to pay in full the applicable toll.

“**User Classification**” means each classification of vehicles set out in Table 1.

“**Vehicle Speed**” has the meaning set forth in Section 9(a).

“**Vehicle Volume**” has the meaning set forth in Section 9(a).

“**Video Transaction**” means a Toll Transaction respecting a vehicle that does not qualify as a Transponder Transaction, regardless of whether the Toll Transaction results in a Violation or Image-Based Billing.

“**Violation**” means (a) until Image-Based Billing is allowed for use of the Toll Lanes, a Video Transaction that the tolling services provider could not post to and receive payment from a pre-paid account pre-established by or for the User for the purpose of paying tolls and (b) if and when Image-Based Billing is allowed for use of the Toll Lanes, a Video Transaction that remains unpaid after the tolling services provider has taken all required steps under applicable Law to notify the User of the amount due and the consequences of non-payment.

“**Violation Fee**” means the Administrative Fee charged for Violations.

**2. User Classifications; Class Factors.** The User Classifications for this Project, together with the Class Factor for each User Classification, are set out in Table 1. The User Classifications may not be changed except with TxDOT’s prior approval. To be consistent with classifications used on other toll facilities in the region, User Classifications (other than for Exempt Vehicles) are based on axles, not shape.

**Table 1**

<b>User Classification</b>	<b>Class Factor</b>
Exempt Vehicles	0.0
Vehicles with 2 axles (including motorcycles without trailers)	1.0
Vehicles with 3 axles (including motorcycles with single-axle trailers)	2.0
Vehicles with 4 axles	3.0
Vehicles with 5 axles	4.0
Vehicles with 6 or more axles	5.0

**3. Toll Segments**

(a) The Toll Lanes are divided into segments measured between defined points (each such segment, a “**Toll Segment**”). The length of each Toll Segment is measured along the centerline of the Toll Lanes, from the ramp gore to the ramp gore that provide the ingress and egress points and does not incorporate entrance and exit ramp lengths. The Toll Segments for the Toll Lanes are provided in Table 2 and depicted in Figure 1, Figure 2 and Figure 3. For the purpose of determining the length of each of the southern Toll Segments, including as necessary to calculate tolls, the south-most limit is the county line between Harris County and Brazoria County (as indicated in both Table 2 and Figure 1), even though the Project Right of Way limits extend south of the county line. The column in Table 2 that sets forth the length in miles of each Toll Segment does not include the length of any Direct Connectors, because Direct Connector length is not utilized to determine the Base Toll, Minimum Base Toll Rate or the Base Toll Rate Soft Cap. Notwithstanding anything to the contrary herein, each Toll Segment shall be deemed to consist of only those Project Segments (or portions of Project Segments) within the Toll Segment that have achieved Service Commencement. Developer shall not modify the Toll Segments unless and until Developer submits justification for the proposed modification to TxDOT and the proposed modification is approved by TxDOT, in TxDOT’s discretion, before implementation.

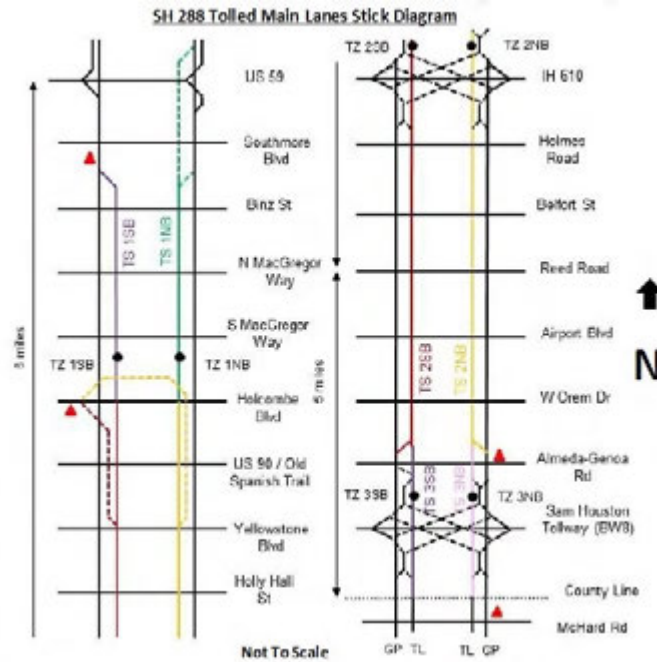
(b) Tolls will be collected and Toll Transactions will be transmitted to the CSC Host according to the screen-line principle, in which Users are assessed a toll whenever they pass a toll gantry, regardless of the distance traveled on the Toll Lanes. Unless otherwise approved by TxDOT in its discretion, Tolls will not be assessed or collected using “trip-generation” or “transaction bundling” by

which Users are assessed a bundled toll for the aggregate distance travelled by the User over multiple Toll Segments.

**Table 2**

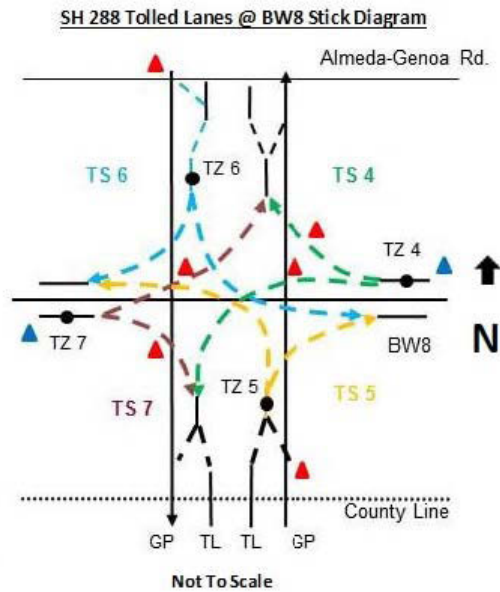
<b>Toll Segment</b>	<b>Description</b>	<b>Point (STA)</b>	<b>Point (STA)</b>	<b>Non-Direct Connector Length (mi.)</b>
Segment 1NB	North NB (Holcombe Blvd. to Southmore Blvd.)	Holcombe Blvd. (STA 3216+00)	Southmore Blvd (STA 3330+00)	2.16
Segment 2NB	Central NB (Alameda-Genoa Rd. to Holcombe Blvd.)	Alameda-Genoa Rd. (STA 2910+00)	Holcombe Blvd. (STA 3216+00)	5.80
Segment 3NB	South NB (County Line to Alameda-Genoa Rd.)	County Line (STA 2788+00)	Alameda-Genoa Rd. (STA 2910+00)	2.31
Segment 1SB	North SB (Binz Street to Holcombe Blvd.)	Binz St. (STA 3288+00)	Holcombe Blvd. (STA 3216+00)	1.36
Segment 2SB	Central SB (Holcombe Blvd. to Alameda Genoa Rd.)	Holcombe Blvd. (STA 3216+00)	Alameda-Genoa Rd. (STA 2914+50)	5.71
Segment 3SB	South SB (Alameda-Genoa Rd. to County Line)	Alameda-Genoa Rd. (STA 2914+50)	County Line (STA 2788+00)	2.40
Segment 4	BW 8 DCs WB Exit (WB Beltway 8 to SH 288 NB and SB)	WB BW 8 (STA 85+00)	SH 288 NB and SB (STA SB 163+50) (STA NB 173+50)	N/A
Segment 5	BW 8 DCs NB Exit (NB SH 288 to Beltway 8 EB and WB)	NB SH 288 (STA 96+00)	BW8 EB and WB (STA EB 181+00) (STA WB 175+50)	N/A
Segment 6	BW 8 DCs SB Exit (SB SH 288 to Beltway 8 EB and WB)	SB SH 288 (STA 104+50)	BW8 EB and WB (STA EB 181+00) (STA WB 175+50)	N/A
Segment 7	BW 8 DCs EB Exit (EB Beltway 8 to SH 288 NB and SB)	EB BW8 (STA 95+00)	SH 288 NB and SB (STA SB 163+50) (STA NB 173+50)	N/A
Segment 8	IH 610 DCs NB Entry (IH 610 EB/WB to Holcombe Blvd.)	IH 610 EB and WB (STA:3160+00)	Holcombe Blvd. (STA 3216+00)	1.06
Segment 9	IH 610 DCs NB Exit (Alameda to IH 610 EB/WB)	Alameda-Genoa Rd. (STA 2910+00)	IH 610 EB and WB (STA:3110+00)	3.79
Segment 10	IH 610 DCs SB Exit (Holcombe to IH 610 EB/WB)	Holcombe Blvd. (STA 3216+00)	IH 610 EB and WB (STA:3160+00)	1.06
Segment 11	IH 610 DCs SB Entry (IH 610 EB/WB to SH 288 SB)	IH 610 EB and WB (STA:3110+00)	Alameda-Genoa Rd. (STA 2914+50)	3.79

**Figure 1**

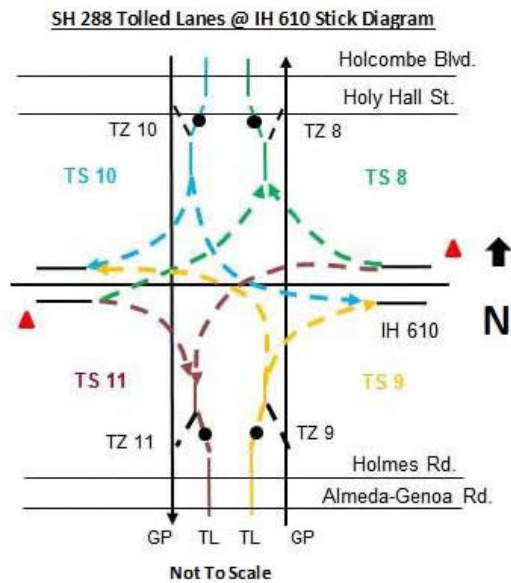


Legend	GP Lanes/ Brazoria toll lanes	1 lane	2 lanes	● Toll Zone (TZ)	▲ TIS (Toll Information Sign)
					▲ TIS static (fixed toll rate)

**Figure 2**



**Figure 3**



#### 4. Public Information

##### (a) Signage; Effectiveness of Changes in the Base Toll

(i) For and near each Toll Lane entry decision point, Developer shall provide and operate one or more advance toll information signs (“**Toll Information Signs**”) using a combination of variable LED-based displays and static sign panels. Each Toll Information Sign shall, at a minimum, display (1) the sum of tolls for the two-axle User Classification for the trip from the point of entry to the first point at which the User is able to exit the Toll Lanes without incurring another toll (i.e., the shortest and least expensive trip), (2) the sum of tolls for the two-axle User Classification for the trip from the point of entry to the end of the Toll Lanes (i.e., the longest and most expensive trip), (3) a legible disclaimer notifying Users that vehicles with more than two axles will be charged more than the two-axle toll, and (4) if Image-Based Billing is allowed, the amount of the Image-Based Billing Toll Premium. In addition to the requirements specified herein, including applicable requirements in Section 16 of the Technical Provisions, the Toll Information Signs shall meet the latest requirements and standards applicable to toll and managed lane facilities in the State with respect to signage, including those in the latest Manual on Uniform Traffic Control Devices (MUTCD), TxDOT MUTCD (TMUTCD), TxDOT’s *Standard Highway Sign Design for Texas*, TxDOT’s *Toll Road Signing Guidelines*, and TxDOT’s *Preferential & Managed Lane Signing Guidelines*. Any Toll Information Sign to be installed in the right-of-way owned by a third party (e.g., HCTRA or Brazoria County) shall comply with such third party’s signing requirements. The Toll Information Signs shall be installed and operated in locations and a manner that provides sufficient time for a User to decide whether or not to enter the Toll Lanes. Because a User’s trip may include travel on both the Toll Lanes and the SH 288 toll lanes in Brazoria County, Developer shall establish and maintain an interface with Brazoria County’s toll system for the mutual exchange of toll rate information so that Toll Information Signs installed and operated by both parties will display proper toll rate amounts for Users and the exchange of transaction information so that Users are properly charged tolls based on the displayed toll rate amounts. In addition, Developer shall provide and operate a Toll Information Sign for and near each tolled Direct Connector that leads a User to an optional entrance to the Toll Lanes. Toll Information Signs for Direct Connectors shall meet the above requirements, except that each such Toll Information Sign shall display (A) the toll amount for the two-axle User Classification for traveling on the Direct Connector, (B) a legible disclaimer notifying Users that vehicles with more than two axles will be charged more than the two-axle toll, and (C) if Image-Based Billing is allowed, the amount of the Image-Based Billing Toll Premium.

(ii) The Toll Information Signs shall change at the precise time that a change is scheduled to go into effect (e.g., at the start of each half-hour period when in Time-of-Day Mode). However, the effectiveness of any increase in the Base Toll for a Toll Segment shall be delayed by the minimum configurable period of time it takes, under the then-prevailing traffic conditions, for a User to travel from the respective Toll Information Sign to the toll gantry(ies), so that a User who enters the Toll Lane is never charged more than the toll amount indicated on the Toll Information Sign immediately before the User entered (as required by [Section 6\(b\)](#) and [Section 7\(c\)](#)), regardless of a change that would otherwise take effect while the User is en route to the toll gantry(ies). Developer shall submit information to TxDOT to demonstrate its compliance with the foregoing delay in effectiveness, which shall be subject to TxDOT’s approval before implementation. Any decrease in the Base Toll for a Toll Segment shall take effect immediately, at the same time as the Toll information Signs are changed.

(iii) Each Toll Information Sign shall also be equipped with a camera, or set of cameras, to be used for operational purposes to both (1) allow Developer, TxDOT and any TxDOT-authorized user to view in real-time the information being displayed on the sign through a secure (i.e., password protected) Internet-based interface and (2) to capture and record for historical research and reporting purposes (as required by Section 9) a time-stamped image of every toll rate change.

(b) **Publication of Toll Information During Time-of-Day Mode.** Beginning 120 days before the first Service Commencement Date and so long as the Toll Lanes are operated in Time-of-Day Mode, Developer shall publish and keep current a schedule of tolls for each Toll Segment and each User Classification in the format depicted in Table 3, together with information about any Holidays (including a schedule of tolls for each Toll Segment and each User Classification in a format substantially the same as depicted in Table 3 for each Holiday), temporary discounts, Class Factors, any Image-Based Billing Toll Premiums, and any Administrative Fees, on an Internet website for general public viewing (i.e., non-passcode). Notice of changes to the schedule of tolls shall be posted to such website 14 days prior to the effectiveness of such change (except that during the first 90 days after Service Commencement, when the Base Toll may be changed weekly, changes shall be posted to such website two days prior to the effectiveness of such change). In addition, Developer shall make such information available (1) by telephone, (2) upon request at Developer's offices during reasonable business hours, (3) upon request by facsimile copy without charge or (4) upon request by mailing a copy if the request is accompanied by a self-addressed stamped envelope.

**Table 3**

Toll Segment: _____							
User Classification: _____							
Payment Type: _____							
	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
12:00 AM							
12:30 AM							
1:00 AM							
1:30 AM							
2:00 AM							
2:30 AM							
3:00 AM							
3:30 AM							
4:00 AM							
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8:30 PM							
9:00 PM							
9:30 PM							
10:00 PM							
10:30 PM							
11:00 PM							
11:30 PM							

(c) **Publication of Toll Information During Dynamic Mode.** Whenever the Toll Lanes are operated in Dynamic Mode, Developer shall maintain and keep current on an Internet website for general public viewing (i.e., non-passcode) information about how tolls are determined, any temporary discounts, Class Factors, any Image-Based Billing Toll Premiums, and any Administrative Fees, as well as information required to be published on such website by Section 7(b).

**5. Discounts.** If Developer desires to establish or cancel a temporary discount with respect to any toll, Developer shall give notice of the establishment or cancellation to TxDOT at least 30 days prior to implementation or withdrawal thereof. If the TxDOT Tolling Services Agreement is in effect, any discount is subject to prior approval by TxDOT in TxDOT’s discretion (which approval may be conditioned on the payment of additional service fees) to the extent such discount would require TxDOT, in its capacity as a service provider under the TxDOT Tolling Services Agreement, to undertake additional or different steps or processes to implement the discount.



## 6. Determination of Tolls During Time-of-Day Mode

(a) **Applicability.** This Section 6 shall apply at all times during the Term except when Section 7 (Dynamic Mode) applies.

(b) **Calculation of Toll.** The toll for a Toll Segment for a User Classification shall equal the product, rounded to the nearest one-cent, of (i) the Base Toll for such Toll Segment during the applicable day or Holiday and time *multiplied by* (ii) the published Class Factor for such User Classification. Notwithstanding anything herein to the contrary, under no circumstances shall a User be charged more than the lowest of (1) a toll based on the latest published effective toll schedules, (2) a toll based on the latest published temporary discounts (if any) or (3) a toll based on what is last displayed to the User on the Toll Information Sign immediately before the User enters the toll lanes. If the respective Toll Information Sign is inoperable, the User shall be charged based on the applicable Minimum Base Toll(s) in effect at the time the User enters the toll lanes. Because a User's trip may include travel on both the Toll Lanes and the SH 288 toll lanes in Brazoria County, Developer shall establish and maintain an interface with Brazoria County's toll system for the mutual exchange of toll rate information so that Toll Information Signs installed and operated by both parties will display proper toll rate amounts for Users.

(c) **Initial Base Tolls (at Service Commencement).** Developer shall determine the initial Base Toll as of Service Commencement for each Toll Segment for each half-hour of each day of the week and each Holiday. Not later than 180 days before the first Service Commencement Date, Developer shall submit to TxDOT for review and comment (i) the schedule of initial Base Tolls, (ii) the then-applicable Minimum Base Toll and Base Toll Soft Cap, (iii) any temporary discounts to be offered and (iv) the lengths of each Toll Segment.

(d) **Changes to the Base Tolls.** Subject to Sections 6(e), (f) and (g), Developer may increase or decrease the Base Tolls in its discretion (i) once per week during the first 90 days after Service Commencement and (ii) thereafter, as of the first day of each month.

(e) **Minimum and Base Toll Soft Caps.** The Base Tolls (i) shall be not less than the Minimum Base Toll and (ii) except as provided in Section 6(f), shall be not more than the Base Toll Soft Cap.

(f) **Exceeding Base Toll Soft Caps.** Developer may increase the Base Tolls (at the times provided in Sections 6(d) and (g)) in excess of the Base Toll Soft Cap for any particular Toll Segment or Toll Segments and for any particular 30 minute time period or time periods, in order to maintain travel speeds of at least the Target Speed in the Toll Lanes, subject to the requirements set forth in this Section 6(f).

(i) Developer shall submit a request to exceed the Base Toll Soft Cap to TxDOT at least 10 Business Days before the proposed increase would take effect. Such a request shall include the following information to support the request: (1) identification of the Toll Segment and time period (including day of week and specific half hour) under review; (2) traffic volume reports showing average traffic volume in excess of 3,300 PCE/HR (as may be adjusted pursuant to Section 6(f)(iv)) and average speed below the Target Speed on the Toll Segment and during the time period under review for five days during any period of 10 consecutive days, *provided* that no extraordinary circumstance (such as accidents, rehabilitations, special public events, etc.) occurred during that period; (3) the proposed Base Toll for the such Toll Segment and time period that exceeds the Base Toll Soft Cap multiplied by the Demand Factor for the average traffic volume (as demonstrated in clause (2) above); and (4) the date on which the increase will take effect.

(ii) TxDOT will verify that maintenance of travel speeds supports the proposed increase based on the information submitted under Section 6(f)(i) within 10 Business Days after receipt such request and all supporting information. Developer’s ability to exceed the Base Toll Soft Cap shall be limited only to the specific Toll Segment and time period identified in its request and supported by the information submitted therewith. TxDOT may disallow the proposed increase if Developer fails to submit all required information or if the information submitted does not support the requested increase (based on the criteria set out in Section 6(f)(i) and Table 4).

Developer can adjust toll rates for tolling points, including those on Direct Connectors (excluding Beltway 8 Direct Connectors), that affect the usage of downstream or upstream Toll Segments. If the number of lanes on a section of roadway differs from the two-lane standard section referenced in Table 4, the per-lane equivalent of the values shown in Table 4 will be utilized to report traffic performance on such section. The demand factor will be calculated accordingly and identical reporting requirements for exceeding the Base Toll Soft Cap will be applied.

(iii) Once the Base Toll Soft Cap is exceeded for a particular Toll Segment and time period, and until the Base Toll is again at or below the Base Toll Soft Cap, Developer shall submit to TxDOT traffic volume reports on a monthly basis for such Toll Segment and time period with the following information: (1) identification of the Toll Segment and time period (including day of week and specific half hour) under review; (2) the (increased) Base Toll for the subject Toll Segment and time period; (3) traffic volume reports showing traffic volumes on the Toll Segment and during the time period under review for the previous 10 consecutive days; (4) identification of the applicable Demand Factor for the average traffic volume during the such 10-day period and (5) the maximum Base Toll permitted under Section 6(f)(i)(2), as calculated using the most recent Demand Factor ascertained under clause (4) above. If the most recent Demand Factor ascertained under clause (4) above is less than 1.0, then Developer shall decrease the Base Toll at the next opportunity to change the Base Toll (pursuant to Section 6(d)(ii)) to an amount that does not exceed the Base Toll amount for the prior month multiplied by such Demand Factor.

(iv) At either Party’s request, TxDOT and Developer shall review Table 4 from time to time during the Operating Period to determine if the Demand Factors are adequate for managing traffic to the Target Speed. Developer may revise Table 4 with TxDOT’s prior approval.

**Table 4**

<b>Traffic Conditions</b>		<b>Demand Factor</b>
Five of the previous 10 Average Volumes in the Toll Segment (for both Toll Lanes in the same direction) are each:		
Equal to or greater than:	And less than:	
3,500 PCE/H	--	1.25
3,450 PCE/H	3,500 PCE/H	1.20
3,400 PCE/H	3,450 PCE/H	1.15
3,350 PCE/H	3,400 PCE/H	1.10
3,300 PCE/H	3,350 PCE/H	1.05
2,500 PCE/H	3,300 PCE/H	1.00
2,450 PCE/H	2,500 PCE/H	0.95
2,400 PCE/H	2,450 PCE/H	0.90
2,350 PCE/H	2,400 PCE/H	0.85
2,300 PCE/H	2,350 PCE/H	0.80
--	2,300 PCE/H	0.75

(g) **Beltway 8 Direct Connectors.** Notwithstanding anything in this Exhibit 10 to the contrary, with respect to a Toll Segment that includes a Beltway 8 Direct Connector, (i) the Base Toll for

such Toll Segment shall be the same for every half-hour and every day (so shall not vary by half-hour, by day of the week, or by Holiday) and (ii) Developer may change the Base Toll for such Toll Segment only once per year.

## 7. Determination of Tolls During Dynamic Mode

(a) **Applicability.** The Parties acknowledge that the Corridor Tolling Policy for SH 288 adopted by the committee convened pursuant to Section 228.013 of the Texas Transportation Code requires the use of time of day pricing, consistent with Time-of-Day Mode set out in Section 6. If such Corridor Tolling Policy is amended so as to permit Dynamic Mode and Dynamic Mode is otherwise permitted by applicable Law, or if applicable Law is amended so as to otherwise permit Dynamic Mode notwithstanding the Corridor Tolling Policy, then either (i) Developer may operate the Toll Lanes in Dynamic Mode upon prior notice to and approval by TxDOT or (ii) TxDOT may require Developer to operate the Toll Lanes in Dynamic Mode (without Developer having requested to do so) if dynamic toll pricing is generally used in toll facilities in the region of the Project. In determining whether to approve a request by Developer to operate in Dynamic Mode pursuant to clause (i) above, TxDOT may consider the extent to which Dynamic Mode is consistent with any agreement between TxDOT and Brazoria County, the Brazoria County Toll Road Authority or other parties pertaining to SH 288, and TxDOT's approval may be conditioned upon further commitments or agreements by Developer to comply with any such agreement. In determining whether to approve such request by Developer, TxDOT may also consider whether the compensation to be provided to TxDOT satisfies the requirements of Section 4.8 of the Agreement.

(b) **Measurements and Reporting.** Developer shall measure and report indicative Average Speeds (which may include historical or other relevant information) for a minimum of the previous 180 days (or such lesser period if less than 180 days of Dynamic Mode have elapsed), broken out by Toll Segment during every half hour period, or as otherwise approved by TxDOT, and the applicable Toll Segment lengths, Class Factors, and Image-Based Billing Toll Premiums. Developer shall make this information publicly available on an Internet website, by telephone request, upon request at Developer's offices during reasonable business hours, by facsimile copy without charge or by mailing a copy if the request is accompanied by a self-addressed stamped envelope.

(c) **Calculation of Toll.** The toll for a Toll Segment for a User Classification shall equal the product, rounded to the nearest one-cent, of (i) the applicable Base Toll for such Toll Segment at such time *multiplied by* (ii) the published Class Factor for such User Classification. Notwithstanding anything herein to the contrary, under no circumstances shall a User be charged more than the lowest of (1) a toll based on the latest published temporary discounts (if any) or (2) a toll based on what is last displayed to the User on the Toll Information Sign immediately before the User enters the toll lanes. If the respective Toll Information Sign is inoperable, the User shall be charged based on the applicable Minimum Base Toll(s) in effect at the time the User enters the toll lanes. Because a User's trip may include travel on both the Toll Lanes and the SH 288 toll lanes in Brazoria County, Developer shall establish and maintain an interface with Brazoria County's toll system for the mutual exchange of toll rate information so that Toll Information Signs installed and operated by both parties will display the proper toll rate amounts for Users.

(d) **Base Tolls.** The Base Toll for every Toll Segment shall be determined periodically, but not more frequently than once during a five-minute period, to maintain traffic at or above the Target Speed. The Base Toll for a Toll Segment shall equal the greater of (i) the Minimum Base Toll and (ii) the product of (1) the Base Toll last determined for such Toll Segment *multiplied by* (2) the Demand Factor as of the time of the determination of the new Base Toll; *provided* that if the amount so determined is less

than the Base Toll Soft Cap, Developer may determine the Base Toll to be any amount not less than the Minimum Base Toll and not more than the Base Toll Soft Cap.

(e) **Demand Factor.** The Demand Factor shall be determined pursuant to Table 4. At either Party's request, TxDOT and Developer shall review Table 4 from time to time during the Operating Period to determine if the Demand Factors are adequate for managing traffic to the Target Speed. Developer may revise Table 4 with TxDOT's prior approval.

(f) **Beltway 8 Direct Connectors.** Notwithstanding anything in this Section 7 to the contrary, with respect to a Toll Segment that includes a Beltway 8 Direct Connector, (i) the Base Toll for such Toll Segment shall be the same for every half-hour and every day (so shall not vary by half-hour, by day of the week, or by Holiday) and (ii) Developer may change the Base Toll for such Toll Segment only once per year.

## 8. Target Speed

(a) **Time-of-Day Mode.** From and after the 91st day after Service Commencement, and so long as the Toll Lanes are operated in Time-of-Day Mode, Developer shall set and increase tolls within the parameters of this Exhibit 10 with the intent of causing the Average Speed of travel in every Toll Lane of every Toll Segment (other than Direct Connectors) to be equal to or greater than the Target Speed at all times.

(b) **Dynamic Mode.** Whenever the Toll Lanes are operated in Dynamic Mode, Developer shall cause the Average Speed of travel in every Toll Lane of every Toll Segment (other than Direct Connectors) to be equal to or greater than the Target Speed at all times, subject only to Section 8(c).

(c) **Performance Excused.** Developer shall be excused from its obligation under Sections 8(a) and (b) if its failure is caused by events that are beyond Developer's control, which events are not due to any act, omission, negligence, recklessness, willful misconduct, breach of contract or Law or violation of a Governmental Approval by Developer or any Developer-Related Entity, and Developer provides TxDOT with adequate evidence thereof. Examples of events that are beyond Developer's control include:

(i) An Incident (beyond the control of any Developer-Related Entity) within the Toll Lanes or General Purpose Lanes to which Developer responds by instituting measures to clear the Incident and return the lane to availability as required by the CDA Documents and the Incident Management Plan, for which documentation of corrective action include ITS still photos and video with time stamps, Courtesy Patrol/Motorist Assistance or Operations Manager records, and auditable data records provided from automated ITS dispatch records;

(ii) An Incident (beyond the control of any Developer-Related Entity) within the Toll Lanes or General Purpose Lanes to which authorized emergency vehicles (as defined in Section 541.201 of the Code) respond, for which documentation of corrective action include official police reports showing dates and times dispatched, time arrived, and time cleared;

(iii) Incidents or recurring congestion (beyond the control of any Developer-Related Entity) adjacent to the Toll Lanes, for which documentation of corrective action include ITS still photos and video with time/date stamps;

(iv) Severe or inclement weather, for which documentation of corrective action include ITS still photos and video with time/date stamps and weather radar snapshots with time/date stamps and vehicle volumes;

(v) TxDOT suspends tolling under Article 14 of the Agreement; and

(vi) Heavy traffic congestion (for reasons otherwise beyond Developer's control or the circumstances described in clauses (i)-(v) above) despite tolls set at the maximum amount allowed by Section 6 or 7, as applicable.

## 9. Measurements and Reporting

(a) **Measurements.** For each Toll Lane of each Toll Segment, from and after the Service Commencement Date thereof, Developer (i) shall measure and record the speed of every vehicle at points no greater than half-mile spacing ("**Vehicle Speed**"), (ii) shall calculate the average Vehicle Speed for each 60-second period ("**Average Speeds**"), (iii) shall calculate the average of the Average Speeds for every consecutive 15-minute period, beginning at the top of the hour ("**Average of the Average Speeds**"), (iv) measure and record every vehicle at points no greater than half-mile spacing ("**Vehicle Volume**") and (v) shall calculate the average Vehicle Volume for each 60-second period ("**Average Volumes**"). Developer shall retain all raw and reduced data for a minimum of five years to facilitate periodic auditing.

(b) **Weekly Report of Sub-Target Speeds.** For each Toll Segment, from and after the Service Commencement Date thereof, Developer shall prepare and deliver to TxDOT and the Independent Engineer a weekly report summarizing (i) the Average Speed during any time period during which the Average Speed for the Toll Segment was below the Target Speed (e.g., "Tuesday, 10:14 a.m. to 10:40 a.m. — Toll Segment 1N — Average Speed of 38 MPH), (ii) the reason the Average Speed was below the Target Speed (e.g., "Incident in Toll Lane — Stalled Car") and (iii) any corrective action taken to increase the Average Speed (e.g., "Responded to incident and instituted lane recovery procedures within response parameters").

(c) **Monthly Reports.** For each Toll Segment, from and after the Service Commencement Date thereof, Developer shall prepare and deliver to TxDOT and the Independent Engineer a monthly report (in electronic format, including all raw data capable of being reviewed) describing (i) Vehicle Speed and Vehicle Volume for each Toll Lane in the Toll Segment, (ii) Average Speeds and Average Volumes (PCE/h) for each Toll Lane in the Toll Segment, (iii) Average of the Average Speeds for each Toll Lane in the Toll Segment and (iv) tolling data, including User Classification, Base Toll, Toll Segment length, Base Toll Rates, Toll Segment Toll and temporary discounts (if any) for each tolling point in the Toll Segment.

(d) **Historical Toll Rate Reporting.** Developer shall capture and store the complete history of all calculated toll rates and related Toll Information Sign images. Developer shall establish and make available to TxDOT and any TxDOT-authorized user, a secure (i.e. password-protected) Internet-based toll rate reporting interface and functionality that permits TxDOT and any TxDOT-authorized user to research historical toll rate information and sign images when reviewing customer disputes related to toll rate charges. The repository of images shall be indexed by date, time, and location and shall include, at minimum, an image of every toll rate change on every Toll Information Sign for the prior 12 months.

## 10. Violations; Image-Based Billing; Toll Premiums

(a) **Violations; Image-Based Billing.** Developer may not promote or use Image-Based Billing unless and until TxDOT notifies Developer that Image-Based Billing will be allowed on the Toll Lanes. TxDOT will determine whether to allow Image-Based Billing on the Toll Lanes based on whether comparable policies have been implemented on other toll facilities in the region of the Project and whether the compensation to be provided to TxDOT satisfies the requirements of Section 4.8 of the Agreement; *provided* that if there occurs an event described in Section 14.5.7 of the Agreement, TxDOT shall allow Image-Based Billing on the Toll Lanes. Until TxDOT makes such determination and provides such notice to Developer, Video Transactions will be treated as Violations.

(b) **Image-Based Billing Toll Premiums.** The following provisions apply if TxDOT has notified Developer pursuant to Section 10(a) that Image-Based Billing is allowed on the Toll Lanes:

(i) **Right to Charge Image-Based Billing Toll Premiums.** In addition to the right to charge tolls, Developer shall have the right to charge an Image-Based Billing Toll Premium for each Video Transaction subject to and in accordance with this Section 10. The foregoing notwithstanding, Developer may not charge an Image-Based Billing Toll Premium for use of the Toll Lanes by an Exempt Vehicle or by any vehicle during any time that tolling has been suspended under Article 14 of the Agreement. For the avoidance of doubt, while the TxDOT Tolling Services Agreement is in effect, the Image-Based Billing Toll Premium shall be collected by TxDOT on behalf of Developer in accordance therewith, and the payment of proceeds thereof to TxDOT or Developer shall be as set forth in the TSA.

(ii) **Amount of Image-Based Billing Toll Premiums.** The amount of any Image-Based Billing Toll Premium shall be determined by TxDOT and shall be consistent with similar premium amounts charged for such tolls on other toll facilities operated by TxDOT, but shall be not more than an amount that is reasonably necessary for Developer to recover Developer's reasonable out-of-pocket and documented costs and expenses for processing a Video Transaction (whether directly or through TxDOT under the TxDOT Tolling Services Agreement) (in excess of costs and expenses for processing a Transponder Transaction), including a reasonable and documented amount to compensate Developer for the risk of collection, but no other risk. The amount of an Image-Based Billing Toll Premium may not include costs recouped by Developer through other revenues, including through a similar premium charged by TxDOT and remitted to Developer under the TxDOT Tolling Services Agreement (if any). The amount of an Image-Based Billing Toll Premium may not violate or cause TxDOT to violate any agreement between TxDOT and Brazoria County, the Brazoria County Toll Road Authority or other parties pertaining to SH 288. The amount of an Image-Based Billing Toll Premium may be changed by TxDOT as of September 1 of each year.

### (c) Potential Transponder Transactions

(i) **Lists of Valid Transponders.** Developer shall regularly seek and receive consolidated lists of valid transponders of Transponder Issuers.

(ii) **Transponder with Insufficient Balance.** If a User with a valid and identifiable transponder issued by a Transponder Issuer uses the Toll Lanes, but the Transponder Transaction is rejected due to insufficient funds in the User's account, and if the CSC Host supports re-submission, Developer shall resubmit (or cause the Transponder Issuer to resubmit) the Transponder Transaction once per day until the Violation notice is issued to the User. Developer may not charge an Image-Based Billing Toll Premium to such User if Developer is successful in collecting the Transponder Transaction toll prior to issuing the Violation notice.

## 11. Administrative Fees

(a) **While the TxDOT Tolling Services Agreement Is in Effect.** This Section 11(a) applies so long as the TxDOT Tolling Services Agreement remains in effect.

(i) **Generally.** While the TxDOT Tolling Services Agreement is in effect, TxDOT has the right to establish and charge Administrative Fees to recover reasonable out-of-pocket and documented costs and expenses incurred with respect to its work under the TxDOT Tolling Services Agreement to the extent not compensated under the TxDOT Tolling Services Agreement.

(ii) **Violation Fee.** Any Violation Fees will be charged by TxDOT pursuant to the terms of the TxDOT Tolling Services Agreement.

(b) **If the TxDOT Tolling Services Agreement Is Not in Effect.** This Section 11(b) applies if, and only if, the TxDOT Tolling Services Agreement is no longer in effect.

(i) **Generally.** In addition to the right to charge tolls, Developer shall have the right to charge Administrative Fees subject to and in accordance with this Section 11(b).

(ii) **Amount.** The amount of any Administrative Fee shall be not more than an amount that is reasonably necessary to recover reasonable out-of-pocket and documented costs and expenses incurred in the processing and collection of Toll Transactions (except that the amount of Administrative Fees described in clauses (iv) and (v) below are subject to the provisions thereof).

(iii) **Notice and Publication.** If the TxDOT Tolling Services Agreement is not in effect, Developer shall notify TxDOT of its intent to commence charging or to change the amount of any Administrative Fees at least 15 days prior to the effectiveness thereof. Concurrent with such notice, Developer shall also provide TxDOT, for TxDOT's review and comment, with a documentation establishing that the amounts and terms of such Administrative Fees are compliant with the requirements of this Section 11. Developer shall publish the amount of any Administrative Fee pursuant to Section 4.

(iv) **Paper Statements and Invoices.** If Developer issues a paper statement or invoice to a User, Developer may charge a reasonable fee to recover the cost of printing and mailing the paper document. Such fee shall not exceed \$1.50 per mailing (Escalated Annually – CPI, and rounded to the nearest one-cent). Developer shall provide Users with the option to receive free electronic documents in lieu of paper documents. No paper statement fee shall be charged for any Violation notice.

(v) **Violation Fee.** Developer may charge a Violation Fee. The amount of the Violation Fee, and the circumstances under which such fee may be charged, shall be consistent with TxDOT's practices for similar fees charged for toll violations on toll facilities operated by TxDOT.

**EXHIBIT 11**  
**FORM OF TXDOT TOLLING SERVICES AGREEMENT**

\* \* \* \* \*

**TOLLING SERVICES AGREEMENT**  
**FOR STATE HIGHWAY 288 TOLL LANES IN HARRIS COUNTY**

This Tolling Services Agreement (together with its exhibits and as amended from time to time, this “TSA”) is entered into and effective as of [●], by and between the Texas Department of Transportation, a public agency of the State of Texas (“TxDOT”), and Blueridge Transportation Group, LLC, a Delaware limited liability company (“Developer”).

**RECITALS**

A. TxDOT and Developer have entered into that Comprehensive Development Agreement (State Highway 288 Toll Lanes in Harris County) dated as of [●], 2016 (the “CDA”), pursuant to which TxDOT confers upon Developer certain rights to finance, develop, design, acquire, construct, use, toll, operate and maintain the Project described therein.

B. Developer desires to engage TxDOT to provide, and TxDOT desires to provide, certain tolling services, as provided herein, in support of Developer’s performance under the CDA.

NOW, THEREFORE, in consideration of the foregoing premises and the covenants and agreements set forth herein, the Parties hereby agree as follows:

**ARTICLE 1**  
**TERM; DEFINITIONS**

**1.1 Term.** This TSA shall remain in effect until the expiration or earlier termination of the CDA, unless earlier terminated in accordance with its terms.

**1.2 Definitions.** Capitalized terms used but not defined in this TSA have the meanings ascribed to them in Exhibit 1 to the CDA. Unless otherwise specified, wherever the following abbreviations or terms are used in this TSA, they have the meanings set forth below:

“**Administrative Fees**” means those fees permitted to be charged pursuant to, and subject to, Section 11 of Exhibit 10 to the CDA, as described in Section 4.3 below.

“**Candidate Vehicle**” means a vehicle for which Developer transmits to TxDOT’s CSC Host, as required by the ICD and this TSA, either (a) a valid Transponder Transaction or (b) a Video Transaction with an unobstructed readable video image of a license plate that bears a serialized or personalized plate number and means to identify the plate type and the issuing jurisdiction to be able to ultimately identify the vehicle’s owner, which in the case of a vehicle with a trailer (including a truck with a trailer) must be the front license plate. For this purpose, a “readable video image” means an image produced by the video-based enforcement system and transmitted to TxDOT’s CSC Host in which the plate number, plate type and issuing jurisdiction can be reliably read electronically or by the human eye.

“**CSC Host**” means TxDOT’s central computer system that supports customer service center back-office tolling services functions required to be undertaken by TxDOT pursuant to this TSA.



**“Custodian”** means the custodial bank party to the Master Lockbox and Custodial Account Agreement.

**“Electronic Toll Collection System” (ETCS)** means the electronic toll collection system, including its components, systems and subsystems, the hardware and physical infrastructure, and the software provided by Developer.

**“Image-Based Billing”** means, if and when Image-Based Billing is allowed pursuant to Section 10(a) of Exhibit 10 to the CDA, operation of the Toll Lanes in a manner that promotes or accommodates Video Transactions by Users that will not be treated or processed as Violations (unless and until the User fails to pay the associated invoice for the Video Transaction), including “pay-by-mail” and similar programs.

**“Image-Based Billing Toll Premium”** means the additional toll amount permitted to be charged to Users for a Video Transaction billed through Image-Based Billing (such as “pay-by-mail”) pursuant to Section 10(b) of Exhibit 10 to the CDA (if and when Image-Based Billing is allowed).

**“Interface Control Document” (ICD)** means the then-current TxDOT document setting forth interface standards including the manner in which data shall be transmitted and received between the CSC Host and the ETCS, as the same may be changed from time to time at TxDOT’s discretion.

**“Interlocal Agreement”** means that certain Interlocal Agreement among Toll Account Providers operating in the State of Texas (including, as of the effective date of this TSA, TxDOT, HCTRA and NTTA) to which TxDOT is a party, as amended as of June 19, 2013.

**“Interoperability Agreement”** means an agreement between TxDOT and one or more other Toll Account Providers that sets out protocols and arrangements pursuant to which the parties thereto covenant to remit payment to one another for all Toll Transactions that meet the terms for transmission, debiting and payment, and are required to be included in the current payment cycle, as set forth in the protocols and arrangements specified in such agreement.

**“Interoperable Toll Account”** means a Toll Account provided by an Interoperable Toll Account Provider.

**“Interoperable Toll Account Provider”** means a Toll Account Provider, other than TxDOT, that is party to a valid and enforceable Interoperability Agreement with TxDOT.

**“Interoperable Transponder”** means a Transponder linked to an Interoperable Toll Account.

**“Interoperable Transponder Transaction”** means a Transponder Transaction using an Interoperable Transponder.

**“Master Lockbox and Custodial Account Agreement”** means that certain Master Lockbox and Custodial Account Agreement, dated as of November 9, 2007, between TxDOT and The Bank of New York Mellon Trust Company, N.A., as Custodian.

**“Toll Account”** means a User’s electronic toll account with a Toll Account Provider from which the User’s toll payments are debited.

**“Toll Account Provider”** means an agency or other Person that provides and maintains Toll Accounts for Users.

**“Toll Transaction”** means an electronic record of a toll and a related set of contemporaneous video images that are properly transmitted by the ETCS to a CSC Host respecting a vehicle that passes through a tolling gantry on a Toll Lane on the Project, including a Transponder Transaction or a Video Transaction. Whether a Toll Transaction is a Transponder Transaction or a Video Transaction will be determined by the CSC Host based on the disposition of the Toll Transaction at the time of the settlement of funds for the Toll Transaction.

**“Tolling Services Agreement” (TSA)** means this Tolling Services Agreement.

**“Transaction Fee”** means the fee to be charged to Developer by TxDOT pursuant to Section 5.1.

**“Transponder”** means a device mounted to, or otherwise contained in, a User’s vehicle that transacts toll charges through the User’s Toll Account, including both (a) devices that are designed specifically for, and limited to, transacting toll charges, such as TxTag, and (b) devices that are capable of being used for, but are not limited to, transacting toll charges, such as cellular telephones or other multi-function devices imbedded with requisite transponder technology. For the avoidance of doubt, however, “Transponder” does not include a vehicle’s license plate or other identifying markers that require the use of image-reading technology.

**“Transponder Transaction”** means a Toll Transaction respecting a vehicle meeting the following criteria: (a) the vehicle is equipped with a TxTag or an Interoperable Transponder that, in either case, is valid (i.e., not suspended or reported as lost or stolen), properly mounted, readable and working; and (b) such Transponder is linked to a Toll Account that is open (i.e., not suspended or closed) and has a sufficient account balance at the time of debit or re-debit to pay in full the applicable toll.

**“TxTag”** means a Transponder linked to a TxTag Account.

**“TxTag Account”** means a Toll Account provided by TxDOT.

**“TxTag Holder”** means a User whose Transponder is a TxTag.

**“TxTag Transaction”** means a Transponder Transaction using a TxTag.

**“Video Transaction”** means a Toll Transaction respecting a vehicle does not qualify as a Transponder Transaction, regardless of whether the Toll Transaction results in a Violation or Image-Based Billing.

**“Violation”** means (a) unless and until Image-Based Billing is allowed for use of the Toll Lanes, a Video Transaction that the tolling services provider could not post to and receive payment from a pre-paid account pre-established by or for the User for the purpose of paying tolls and (b) if and when Image-Based Billing is allowed for use of the Toll Lanes, a Video Transaction that remains unpaid after the tolling services provider has taken all required steps under applicable Law to notify the User of the amount due and the consequences of non-payment.

**“Violation Fee”** means the Administrative Fee charged for Violations.

### 1.3 Construction and Interpretation

(a) **Number.** In this Agreement, terms defined in the singular have the corresponding plural meaning when used in the plural and vice versa.

(b) **Headings.** The division of this TSA into parts, articles, sections and other subdivisions is for convenience of reference only and shall not affect the construction or interpretation of this TSA. The headings in this TSA are not intended to be full or precise descriptions of the text to which they refer and shall not be considered part of this TSA.

(c) **References to this TSA.** The words “herein”, “hereby”, “hereof”, “hereto” and “hereunder” and words of similar import refer to this TSA as a whole and not to any particular portion of it. The words “Article”, “Section”, “paragraph”, “sentence”, “clause” and “Exhibit” mean and refer to the specified article, section, paragraph, sentence, clause or exhibit of, or to, this TSA. A reference to a subsection or clause “above” or “below” refers to the denoted subsection or clause within the Section in which the reference appears.

(d) **References to Agreements and Other Documents.** Unless specified otherwise, a reference to an agreement or other document is considered to be a reference to such agreement or other document (including any schedules or exhibits thereto) as it may be amended, modified or supplemented from time to time in accordance with its terms.

(e) **References to Any Person.** A reference in this TSA to any Person at any time refers to such Person’s permitted successors and assigns.

(f) **Meaning of Including.** In this TSA, the word “including” (or “include” or “includes”) means “including without limitation” and shall not be considered to set forth an exhaustive list.

(g) **Meaning of Discretion.** In this TSA, the word “discretion” with respect to any Person means the sole and absolute discretion of such Person.

(h) **Notice, Approval, Etc., in Writing.** Whenever this TSA requires or provides for any notice, approval, consent, acceptance, determination, decision, explanation, information or the like, the same and any request therefor must be in writing (unless otherwise waived in writing by the other Party).

(i) **Trade Meanings.** Unless otherwise defined herein, words or abbreviations that have well-known trade meanings are used herein in accordance with those meanings.

(j) **Laws.** Unless specified otherwise, a reference to a Law is considered to be a reference to (i) such Law as it may be amended, modified or supplemented from time to time, (ii) all regulations and rules pertaining to or promulgated pursuant to such Law, (iii) the successor to the Law resulting from recodification or similar reorganizing of Laws and (iv) all future Laws pertaining to the same or similar subject matter.

(k) **Currency.** Unless specified otherwise, all statements of or references to dollar amounts or money in this TSA are to the lawful currency of the United States of America.

(l) **Time.** Unless specified otherwise, all references to time are to local time in Austin, Texas.

**ARTICLE 2**  
**RESPONSIBILITIES RETAINED BY DEVELOPER**

**2.1 Generally.** All obligations of Developer under the CDA are retained by Developer except for those specific services for which Developer has retained TxDOT pursuant to the express terms of this TSA. The enumeration of specific obligations retained by Developer in this Article 2 is not intended to limit the generality of the foregoing.

**2.2 Equipment.** Developer shall install, replace and maintain in good condition throughout the Term (a) equipment that complies with the requirements of the CDA and that will identify vehicles equipped with a Transponder and (b) video equipment and related lane controller equipment designed to capture video images of and/or data concerning vehicles passing through tolling stations as required by the Interface Control Document.

**2.3 Data Capture.** Developer shall be responsible for capturing data evidencing each Toll Transaction and transmitting a properly formed Toll Transaction to TxDOT (which will include all of the information required by the Interface Control Document for each such Toll Transaction) in accordance with this TSA pursuant to the Interface Control Document or any other communications protocols in effect hereunder from time to time. Without limiting the foregoing, Developer shall be responsible for (a) determining the applicable toll for each Toll Transaction and transmitting the applicable toll information to TxDOT with its transmittal of other Toll Transaction data pursuant to the preceding sentence and (b) conducting all video image reviews and Toll Transaction matching required to determine Video Transactions. TxDOT shall not have any responsibility for any of the activities described above in this Section 2.3.

**2.4 Certain Services.** Developer shall be responsible for (a) storefront services, except such services at TxDOT's customer service centers, (b) any public relations work for the Project, other than customer relations in the ordinary course of handling customer accounts, inquiries and communications, (c) maintenance of a Project web site (as distinguished from TxDOT's own web site and web-based customer service center), (d) any marketing or promotional work or services for the Project, other than customer relations, and (e) any maintenance work on Developer's toll collection system. In no event, however, shall TxDOT be prohibited from providing any such services in connection with its own facilities or those of any third party.

**2.5 Change in Toll System Technology.** Developer shall make no change to the toll system technology deployed for the Toll Lanes that will adversely affect the reliability of, or the ability to meet applicable standards for, transmission of data to the CSC Host.

**2.6 Training Support.** Developer shall be responsible for providing reasonably detailed information to TxDOT from time to time for purposes of training TxDOT's customer service personnel adequately to respond to customer inquiries concerning Developer's toll pricing models.

**2.7 Transponder Issuance; Competitive Actions.** Developer shall not issue any Transponders to or impose any tolls on Users in connection with the Project other than as permitted by this TSA, and Developer otherwise shall not take any actions in competition with the rights and responsibilities of TxDOT hereunder; *provided, however*, that the foregoing shall not preclude Developer from marketing activities, from distributing TxTags on its own premises in its capacity as a distributor of TxDOT, from exercising rights and remedies expressly provided to Developer hereunder in respect of this TSA or in the CDA in respect of the CDA, and activities of Developer or any of its affiliates in connection with other toll roads).

**ARTICLE 3**  
**SERVICES PERFORMED BY TXDOT**

**3.1 Services.** TxDOT shall provide complete back office functions pertaining to toll collection and enforcement for the Project, consistent with the practices utilized by TxDOT with respect to its own facilities. TxDOT shall provide all staffing, supervision, support services, data services, CSC Host equipment, and materials necessary to perform such functions in a timely manner. Such functions include the following:

(a) **Customer Service.** TxDOT shall provide customer service operations, staffed by customer service representatives with access to all electronic account and toll violation information and ability to resolve most issues or questions with the customer through various contact channels, including:

- (i) Transponder distribution support;
- (ii) walk-in customer service and support;
- (iii) staffing and maintaining call center operations for customer and general inquiries with sufficient call handling capacity to answer calls in accordance with the Performance Standards;
- (iv) operating and maintaining an industry-standard interactive voice response system in English and Spanish configured to allow customers, without charge, to obtain automated information, to transfer or be directed to a specific source of information, to access account maintenance functions and to speak in English or Spanish with a live customer service representative;
- (v) creating and managing an industry standard interactive web site, with the customer service center portion of the web site in English and Spanish, which may be used for disseminating information about TxTag and allowing a customer to conduct secure account maintenance activities such as opening an account, changing information on an account, viewing account status and statements, replenishing an account balance and with a posted privacy notice, and such web site shall allow dissemination and receipt of information simultaneously with multiple users without unreasonable delay in responses;
- (vi) maintaining an e-mail address for all inquiries and comments regarding account maintenance matters from customers and the public;
- (vii) receipt of and response to e-mails on a timely basis during normal business hours; and
- (viii) the ability of customers to send facsimile communications to the customer service center 24 hours per day seven days per week, and responding to such communications during normal business hours.

(b) **Location of Customer Service Operations, Call Center Operations and CSC Host.** TxDOT shall determine the location or locations of its customer services operations, call center operations and CSC Host. TxDOT may change any such location from time to time, and no such change in location shall entitle Developer to any Claim or additional compensation.

(c) **Account Management.** TxDOT shall manage and maintain TxTag Accounts, including by setting up new personal and commercial accounts, managing Transponder replacement, automatic replenishing of TxTag Accounts to pre-determined levels when accounts reach low balance thresholds,

accepting payments (pursuant to payment methods consistent with those utilized by TxDOT with respect to its own facilities) to replenish accounts, and issuing monthly statements to TxTag Holders (or other frequency as may be agreed between TxDOT and such TxTag Holders) providing an activity summary that itemizes usages, related toll charges and other Administrative Fees;

(d) **Transponder Issuance.** TxDOT shall issue and replace TxTags as requested by Users. TxDOT shall choose the Transponder technology to offer to Users consistent with non-Discriminatory TxDOT standards and practices regarding Transponder design, engineering and functionality. TxDOT shall issue TxTags to customers expeditiously upon a request therefor. If HCTRA is no longer a party to the Interlocal Agreement or a successor interoperability agreement with TxDOT, TxDOT shall diligently market TxTags to Users in the region of the Project.

(e) **Transaction Processing**

(i) TxDOT shall process each Transponder Transaction and payment against the User's Toll Account and cause the User's Toll Account to be debited for toll charges and Administrative Fees on a "first in" basis according to the date and time received by TxDOT, all subject to the Master Lockbox and Custodial Account Agreement and Article 4.

(ii) If and when Image-Based Billing is allowed pursuant to Section 10(a) of Exhibit 10 to the CDA, TxDOT shall process each Video Transaction that results in Image-Based Billing consistent with TxDOT's practices regarding customers of its own facilities, including issuing billing statements to such Users with itemization of toll charges and Administrative Fees, processing of payments received including reconciliation with billing statements, and accepting payment (pursuant to payment methods consistent with those utilized by TxDOT with respect to its own facilities), all subject to the Master Lockbox and Custodial Account Agreement and Article 4.

(iii) TxDOT shall have no duty to attempt to collect or enforce a toll respecting a vehicle traveling on the Project where the vehicle is not a Candidate Vehicle.

(iv) TxDOT shall have no duty to accept for processing transmissions of Toll Transaction data not in the format and having the content required by the Interface Control Document. If TxDOT accepts such data for processing, then the matter shall be treated as a Toll Transaction for all purposes under this TSA. If TxDOT does not accept such data, TxDOT shall reject the data in accordance with the Interface Control Document and shall not process the matter for collection or enforcement unless and until TxDOT subsequently accepts transmission of the data.

(f) **Violation Enforcement.** TxDOT shall diligently process and enforce Violations, including issuing invoices and notices of Violations and initiating collection and legal enforcement proceedings, in accordance with Chapter 228 of the Texas Transportation Code and Chapter 372 of the Texas Transportation Code or other Laws applicable to TxDOT, in accordance with Good Industry Practice, and consistent with TxDOT's practices regarding customers of its own facilities.

(g) **Information Required by Certain Law.** TxDOT shall provide to the appropriate governmental agencies or entities of the State of Texas the calculation and information required to be furnished by TxDOT pursuant to Section 228.0055(b) of the Texas Transportation Code (or any successor law thereto).

**3.2 Interoperability and Clearinghouse Services.** TxDOT shall provide clearinghouse services among Interoperable Toll Account Providers based on Interoperability Agreements to which TxDOT is a party.

### 3.3 Performance Standards

(a) **Applicable Standards.** TxDOT shall perform the functions and services described in this Article 3 in accordance with applicable Law, Good Industry Practice, and TxDOT's practices regarding its own facilities (including TxDOT's standard business rules), as the same may be updated from time to time. Subject to Section 1.5 of the CDA, TxDOT has posted information about its practices as of the Financial Proposal Due Date as Reference Information Documents. TxDOT shall promptly notify Developer of revisions to TxDOT's practices regarding its own facilities (including TxDOT's standard business rules).

(b) **Diligent Performance.** TxDOT shall perform the functions and services described in this Article 3 diligently, with no less speed or attention than TxDOT devotes to other facilities for which TxDOT provides similar services.

(c) **Subcontractors.** TxDOT may contract with third parties from time to time to perform certain toll operation services in support of the CSC Host. As of the effective date of this TSA, TxDOT is party to such a contract with Xerox Corp. To the extent any such contract includes functions or services to be performed by TxDOT under this TSA, TxDOT agrees to monitor and enforce such contract in accordance with its terms. Failure of such contractor to comply with its obligations shall not, in and of itself, excuse TxDOT's failure or breach hereunder.

(d) **Reporting and Internal Controls.** TxDOT shall implement appropriate reporting, reconciliation, accounting, audit and quality assurance processes in accordance with Good Industry Practice, including internal controls to minimize the possibility of inadvertent and illegal diversion of Toll Revenues, and including (i) controlled access to all TxDOT computer systems and subsystems, (ii) control by user group scheme, (iii) state-of-the-art virus protection and firewall software and (iv) maintaining a secure record of system access and breaches of security, consistent with Good Industry Practice.

**3.4 Excused Nonperformance.** TxDOT shall be temporarily excused from complying with the requirements and standards set forth in this Article 3 to the extent its inability to comply is directly attributable to any failure or inability of Developer to comply with the Interface Control Document or to meet the ETCS performance requirements set forth in the Technical Provisions.

### 3.5 Records, Inspections, and Audits

(a) **Recordkeeping.** TxDOT shall maintain, in accordance with Good Industry Practice, accurate and complete books and records, including electronic data, of or relating to (a) all Transponder Transactions via TxDOT's CSC Host, (b) all actions and dispositions by TxDOT with respect to each Transponder Transaction received via TxDOT's CSC Host, (c) all data, information and calculations relevant to payment of Transaction Fees and other fees and charges that TxDOT charges to Developer, itemized by each Transponder Transaction and by type, date and amount, (d) all Violations by User, date and amount, (e) all Administrative Fees, and (f) TxDOT's performance of its obligations under this TSA. All such books and records shall be kept at a location in the State, and TxDOT shall notify Developer where such records and documents are kept. TxDOT shall retain such books and records for the same period of time it keeps other books and records relating to performing its clearinghouse function, except that all records that relate to claims and disputes between TxDOT and Developer shall be retained and made available until any later date that such claims or disputes and actions are finally resolved.

(b) **Data Backup.** TxDOT shall implement data backup and disaster recovery systems in accordance with Good Industry Practice and retention of Project-related data.

(c) **Inspection and Audit by Developer.** TxDOT shall make available books and records maintained by TxDOT pursuant to Section 3.5(a) for audit and inspection by Developer or its designees at the location where such books and records are customarily maintained, during normal business hours, without charge (i) at least once per year, without cause or other reasonable basis, on a date mutually determined by the Parties, and (ii) whenever Developer has a reasonable basis to believe there has been a material breach of TxDOT's obligations hereunder. In the case of an audit or inspection pursuant to clause (ii) above, Developer shall provide notice to TxDOT of any audit or inspection, together with facts supporting a reasonable basis for such audit or inspection, at least 48 hours before conducting such audit or inspection. The right of inspection includes the right to make extracts and take notes.

**3.6 Meetings.** Developer and TxDOT shall conduct periodic meetings (on a schedule to be mutually determined by TxDOT and Developer, but not to occur more frequently than once per month), to review, discuss and resolve matters relating to coordination, services, quality control, performance, customer service, tolling (including any issues related to erroneous pricing set by Developer or billing by TxDOT and "readability" of transferred video images), payment and other matters arising under this TSA. The Parties shall schedule all meetings at a mutually convenient date, time and place. In addition to regularly scheduled meetings, Developer and TxDOT shall cause their respective representatives to be available at all reasonable times (generally, during regular business hours) for consultation with one another and with the Independent Engineer.

### **3.7 Claims for Noncompliance with Performance Standards**

(a) **Obtaining Information Underlying Potential Claims.** As set out in Section 3.3(d), Section 3.5, and Section 3.6, the Parties shall regularly exchange information about Toll Transactions and TxDOT's performance under this TSA in order for Developer to ascertain whether TxDOT is fulfilling its obligations under this TSA.

(b) **Notice of Breaches and Claims.** Each Party shall notify the other Party within 60 days after becoming aware of a breach by TxDOT of the performance standards set out in Section 3.3. Developer may assert a claim for losses caused by one or more such breaches; *provided* that (i) Developer had timely notified TxDOT of the breach in accordance with the immediately prior sentence and (ii) the losses included in the claim, in the aggregate, are equal to or greater than the amount equal to 1% of annual Toll Revenues (as measured during the most recent 12-month period, including, for the purpose of that calculation, Toll Revenues that would have been earned but for such breach or breaches). Such claim shall include a reasonably detailed description of the circumstances, an estimate of the loss, and supporting documentation.

(c) **Review of Claims at Meetings.** Developer and TxDOT shall review claims provided under Section 3.7(b) at the next meeting convened pursuant to Section 3.6.

(d) **Compensation Payable to Developer.** TxDOT shall determine any amounts owing to Developer in respect of a claim provided under Section 3.7(b), and notify Developer of such determination, within 90 days after the meeting during which such claim is reviewed by Developer and TxDOT. TxDOT shall pay any undisputed portion of compensation, as a lump sum payment, within 60 days after notifying Developer of its determination. If TxDOT does not make, or notify Developer of, such determination within such time period, or if Developer disagrees with such determination, Developer may initiate a dispute in accordance with Section 7.8.

(e) **Release.** As a condition precedent to TxDOT's obligation to pay any undisputed portion of the compensation determined under Section 3.7(d), Developer shall execute a full, unconditional, irrevocable release, in form reasonably acceptable to TxDOT, of any claims, losses, or other rights to



compensation associated with the breach, or undisputed portion thereof, for which compensation is being paid. The foregoing is not intended to require a release from Developer for any breach, or portion thereof, that remains in dispute, so long as TxDOT is not obligated to pay compensation in respect thereof until the dispute is resolved and a release is provided.

## ARTICLE 4 ACCOUNTS AND TRANSACTIONS

### 4.1 Custodial Account

(a) **Master Lockbox and Custodial Account Agreement; Joinder Agreement.** TxDOT has entered into, and shall cause to be kept in effect for so long as this TSA remains in effect, the Master Lockbox and Custodial Account Agreement. The Parties shall enter into a joinder agreement in the form set out as Exhibit B hereto, pursuant to which TxDOT shall designate Developer to be a “Beneficiary” under the Master Lockbox and Custodial Account Agreement and acknowledges that the Collateral Agent shall be a “Secured Party” under the Master Lockbox and Custodial Account Agreement designated by Developer, not later than the first Service Commencement Date.

(b) **Interest Earned on Accounts.** Any interest earnings on amounts held by the Custodian prior to the time such amounts are required to be distributed by the Custodian to Developer shall be paid to TxDOT, and any interest earnings on such amounts on and after such required date of distribution shall be paid by the Custodian to Developer. TxDOT shall specify the date of each required distribution by the Custodian in its payment instructions to the Custodian under the Master Lockbox and Custodial Account Agreement, and TxDOT agrees that such dates shall be on or before the dates that payments are required to be made by TxDOT under Section 4.4.

(c) **Bailee Status.** If for any reason TxDOT receives any payment for a Toll Transaction, all Toll Revenues that are part of such payment shall be deemed received by TxDOT merely as a bailee or agent and shall not constitute funds of TxDOT or the State; and TxDOT shall forthwith remit such payments to the Custodian for deposit into the appropriate Master Custodial Account under the Master Lockbox and Custodial Account Agreement.

(d) **Priority of Payments.** Pursuant to the terms of the Master Lockbox and Custodial Account Agreement, TxDOT covenants and agrees that with respect to any amounts payable to TxDOT, Developer, Collateral Agent or any other Person out of the funds held by the Custodian under the Master Lockbox and Custodial Account Agreement, after payment of the Administrative Fees, Interoperability Fees and Transaction Fees as provided in the Master Lockbox and Custodial Account Agreement, TxDOT will instruct the Custodian to make payments to such persons, in the event of a shortfall in the total amount available, based on a priority rule: priority will be given to payment for those Toll Transactions for which transaction data was first transmitted to the CSC Host following a trip on that toll road operator’s facility.

### 4.2 Transmission of Transaction Data

(a) **Transmission of Transponder Transaction Data.** Transaction data for a Transponder Transaction (whether a TxTag Transaction or an Interoperable Transponder Transaction) shall be deemed to be transmitted to TxDOT only if and when TxDOT determines that (i) the vehicle is associated with a valid Transponder linked to a valid TxTag Account or a valid Interoperable Toll Account, (ii) the Toll Account balance is sufficient to pay the toll in full at the time the Transponder Transaction is processed and posted to the Toll Account, and (iii) the Transponder is properly read or written to.

(b) **Transmission of Video Transaction Data.** Transaction data for a Video Transaction shall be deemed to be transmitted to TxDOT only if and when TxDOT determines that video images of the vehicle passing through the tolling gantry have been properly transmitted to a CSC Host.

(c) **Interface**

(i) Developer shall cause the ETCS to interface with TxDOT's CSC Host system in accordance with TxDOT's standards and requirements (as specified by the Interface Control Document, and as otherwise set forth in this TSA). For the avoidance of doubt, Developer shall ensure that the ETCS is compliant with the latest version of the Interface Control Document, including future updates. If any change to the ETCS is needed to maintain compliance with the latest version of the Interface Control Document, Developer shall implement such change in a timely manner.

(ii) Developer acknowledges that the Interface Control Document is intended to be a framework for the interface between a subscriber and a service provider; that the Interface Control Document supports many different types of systems with different unique needs, requirements and contractual obligations; and that the Interface Control Document is subordinate to, and is not intended to supersede or alter, any of the express provisions of this TSA or the CDA. The implementation details regarding which optional data fields listed in the Interface Control Document should be used for the Project, and which exact data field codes should be used, shall be determined in accordance with TxDOT's standard business rules.

(d) **Identification of Exempt Vehicles.** Before transmitting the transaction data for a potential Toll Transaction to TxDOT, Developer shall be responsible for identifying whether a Candidate Vehicle is an Exempt Vehicle, except that TxDOT shall be responsible for determining whether a Candidate Vehicle is an Exempt Vehicle under clause (c) (TxDOT contractors), clause (e) (veteran license plates) or clause (g) (other exempt vehicles under Law) of the definition of "Exempt Vehicle". The foregoing does not preclude TxDOT from subsequently determining that a Candidate Vehicle is an Exempt Vehicle even though Developer may have failed to identify the Candidate Vehicle as such.

#### 4.3 TxTag Accounts and Transactions; Credit Card Advances

(a) **TxTag Accounts.** TxDOT may establish and enforce reasonable minimum amounts for opening, maintaining and replenishing TxTag Accounts. Sums that a TxTag Holder deposits to fund his or her TxTag Account shall not constitute Toll Revenues or be due to Developer until debited from the TxTag Account for the TxTag Holder's use of the Toll Lanes.

(b) **Credit Card Advances.** For any TxTag Holder that has agreed to permit TxDOT to request advances on his or her credit card, TxDOT shall timely request and process such advances whenever the current balance of funds on deposit to the credit of such TxTag Holder's TxTag Account are not sufficient to either pay any amounts payable with respect to such TxTag Account, including for any use of the Toll Lanes, or to satisfy any minimum cash balance requirements applicable to such TxTag Account.

(c) **TxTag Transactions.** TxDOT shall instruct each TxTag Holder, as well as any credit card company for which TxDOT has authorization to request advances on behalf of a TxTag Holder, to make or cause to be made all payments with respect to such TxTag Holder's TxTag Account not to TxDOT but instead into the appropriate lockbox account under the Master Lockbox and Custodial Account Agreement.

#### **4.4 Interoperable Transponder Transactions**

(a) TxDOT shall instruct each Interoperable Toll Account Provider to make or cause to be made all payments with respect to Interoperable Transponder Transactions by its customers either into the appropriate lockbox account under the Master Lockbox and Custodial Account Agreement or directly to the Custodian by electronic funds transfer for deposit into the appropriate revenue account under the Master Lockbox and Custodial Account Agreement.

(b) If an Interoperable Toll Account Provider that is party to the Interlocal Agreement as of the effective date of this TSA fails to remit a settlement payment for Interoperable Transponder Transactions in violation of its then-current obligations under such Interlocal Agreement and the Interoperability Business Requirements and the Interface Control Documents agreed upon by the parties to such Interlocal Agreement, and if TxDOT does not pursue such Interoperable Transponder Transactions as Violations, TxDOT agrees to advance such payment in accordance with Section 4.4 (i.e., to the appropriate lockbox account under the Master Lockbox and Custodial Account Agreement or directly to the Custodian by electronic funds transfer for deposit into the appropriate revenue account under the Master Lockbox and Custodial Account Agreement) within 60 days after the end of the month during which the Interoperable Toll Account Provider was obligated to, but failed to, remit such payment. TxDOT shall be entitled to reimbursement, without interest, for such advance upon eventual receipt of the payment from the Interoperable Toll Account Provider. This Section 4.4(b) is intended to apply only to a wrongful or negligent failure of a Interoperable Toll Account Provider to remit an otherwise uncontested settlement payment for a batch of numerous Interoperable Transponder Transactions; this Section 4.4(b) does not apply to a failure to remit payment for one or more isolated Interoperable Transponder Transactions or for Interoperable Transponder Transactions for which the validity or payment is disputed by the Interoperable Toll Account Provider.

**4.5 Video Transactions (Image-Based Billing and Violations).** TxDOT shall instruct or cause each User whose use of the Toll Lanes results in a Video Transaction to make payments with respect to the Video Transaction (including any Image-Based Billing Premium) into the appropriate lockbox account under the Master Lockbox and Custodial Account Agreement.

**4.6 Payments to Developer; Non-Collection.** TxDOT shall instruct the Custodian to transfer any payments received in respect of a Toll Transaction, net of any Transaction Fee, Interoperability Fee and Administrative Fees, to Developer or Developer's designee from the revenue accounts under the Master Lockbox and Custodial Account Agreement pursuant to Section 2.03 of such agreement. TxDOT shall not be liable to Developer for the payment of any toll that TxDOT is unable to collect from the User after using its commercially reasonable efforts to perform the services required to be performed by TxDOT under this TSA.

#### **4.7 Customer Overcharges and Refunds**

(a) TxDOT shall charge the toll for each Toll Transaction indicated by Developer (other than for an Exempt Vehicle). Developer shall be responsible to determine the applicable toll charge that corresponds to each Toll Transaction based upon User Classification (including whether the User is an Exempt Vehicle), Developer's applicable toll pricing model, and any applicable discount and to communicate such information to TxDOT correctly. For the avoidance of doubt, if Developer states a toll charge for a Toll Transaction different from the toll charge for the User Classification associated with the applicable Toll Account, TxDOT shall charge the toll charge as indicated by Developer. The foregoing does not waive any of Developer's obligations or any of TxDOT's rights and remedies under the CDA (including Exhibit 10 thereto) regarding toll rates that may be charged to Users.

(b) Under no circumstances shall TxDOT charge any User a toll in addition to or higher than the toll charge transmitted from Developer to TxDOT, except that TxDOT may charge for the Administrative Fees authorized hereunder. TxDOT shall refund to any User any toll or Administrative Fee that TxDOT charges in violation of this provision.

(c) If TxDOT is or becomes aware that any User has been overcharged or incorrectly charged for use of the Toll Lanes by reason of inaccurate toll charges transmitted from Developer to TxDOT, TxDOT shall arrange for a refund to the subject User. Developer shall reimburse TxDOT for the amount of such refund within two Business Days after receipt of an invoice therefor from TxDOT.

## **ARTICLE 5 COMPENSATION FOR SERVICES; FEES**

### **5.1 Transaction Fee**

(a) Developer shall pay to TxDOT a Transaction Fee for each Toll Transaction recorded by the ETCS and transmitted to the CSC Host and collected from the User. The Transaction Fee shall be determined based on Toll Transaction type as set out in column "A" Table 1, regardless of User Classification, by adding (i) the fixed transaction fee amount set out in column "B" of Table 1 (as may be increased each year in accordance with this Section 5.1) and (ii) the variable transaction fee amount (if any) equal to the percentage set out in column "C" of Table 1 multiplied by the amount collected from the User (including the toll, any Image-Based Billing Premium and any Violation Fee). The Transaction Fee shall be paid only for those Toll Transactions for which the toll is collected from the User. The amount of the Transaction Fee shall be determined based upon the Transaction Fee schedule in effect as of the date on which the toll is collected from the User and deposited into the appropriate lockbox or revenue account (as contemplated by the Master Lockbox and Custodial Account Agreement). For each toll collected, TxDOT may instruct the Custodian to distribute to TxDOT the Transaction Fee then due and payable to TxDOT prior to the Custodian's distribution of amounts to Developer.

(b) The amounts in column "B" of Table 1 are as of January 1, 2012. TxDOT may increase an amount in column "B" each calendar year thereafter up to the maximum amount, including (for the avoidance of doubt) retroactively as of January 1, 2013 and January 1, 2014. For each such amount, the "maximum amount" shall be determined each year by increasing the prior year's maximum amount by the greater of (i) 3% or (ii) the percentage increase in GSP Per Capita (as defined in Exhibit 10 to the CDA) between GSP Per Capita for the third immediately preceding year and GSP Per Capita for the second immediately preceding year. For clarity, if TxDOT elects to increase any amount in column "B" by less than the maximum amount, subsequent increases in the maximum amount shall continue to be determined based upon the maximum amount, without regard to less-than-maximum increases. Further for clarity, the Bureau of Economic Analysis releases the GSP data for a year in the middle of the following year; therefore, by way of example, the adjustment that would be made as of January 1, 2013 would be the increase in GSP Per Capita between the GSP Per Capita for 2010 (released in mid-2011) and the GSP Per Capita for 2011 (released in mid-2012).

**Table 1  
Transaction Fees and Interoperability Fees**

<u>Column A</u>	<u>Column B</u>	<u>Column C</u>	<u>Column D</u>
<b>Toll Transaction Type</b> (as determined by TxDOT based on the final disposition of the Toll Transaction as processed by the CSC Host)	<b>Fixed Transaction Fee</b> (as of January 1, 2012)	<b>Variable Transaction Fee</b> (per Toll Transaction, calculated as a percentage of the amount collected, including toll, Image-Based Billing Premium and Violation Fee)	<b>Interoperability Fee</b> (for reference only; refer to <a href="#">Section 5.2</a> )
<b>Transponder Transactions</b>			
Rejected or unprocessable Transponder Transaction	\$0.000	N/A	N/A
Exempt Vehicle Transponder Transaction	\$0.000	N/A	N/A
Interoperable Transponder Transaction	\$0.050	N/A	8%
TxTag Transaction	\$0.130	N/A	N/A
<b>Video Transactions</b>			
Rejected, unprocessable or written-off Video Transaction	\$0.000	N/A	N/A
Exempt Vehicle Video Transaction	\$0.000	N/A	N/A
Video Transaction paid from Interoperable Transponder Account	\$0.310	N/A	8%
Video Transaction paid from TxTag Account	\$0.390	N/A	N/A
Image-Based Billing Transactions (if allowed by TxDOT)	\$0.390	N/A	N/A
Violation, paid through TxDOT's collections agency or court process	\$0.080	18.5%	N/A
Violation, paid otherwise	\$0.410	N/A	N/A

**5.2 Interoperability Fee.** The Parties acknowledge that an Interoperability Fee may be owing for any Interoperable Transponder Transaction or Video Transaction paid from an Interoperable Transponder Account. Developer shall bear the cost of the Interoperability Fee. The Interoperability Fee for such a Toll Transaction will be either (a) deducted by the Interoperable Toll Account Provider prior to remitting payment for the balance of the Toll Transaction to Developer or (b) paid on Developer's behalf by TxDOT or the Custodian from funds in the appropriate account of the Master Lockbox and Custodial Account Agreement. (Refer to [Section 4.7](#) of the CDA for the consequences of any change in the percentage amount of the Interoperability Fee.)

### 5.3 Administrative Fees

(a) TxDOT also shall have the right, to the extent permitted by applicable Law, to fix, charge, enforce and collect the following Administrative Fees with respect to TxTag Accounts: (i) amounts for the purchase or rental of Transponders or other electronic toll devices; (ii) refundable security deposits for the distribution of Transponders or other electronic toll devices; (iii) administrative fees for account maintenance and account statements; (iv) fees, penalties and interest for Violations, including costs of collection; and (v) other customary incidental fees and charges. TxDOT shall have the right to establish rates for Administrative Fees equal to the standard general rates that TxDOT has in effect from time to time for comparable services for its account holders respecting toll facilities operated by TxDOT. Developer shall have no right to any portion of the Administrative Fees, except as provided in Section 5.3(b). TxDOT may apply relevant Administrative Fees to exempt vehicle operators that request Transponders or other electronic tolling devices. TxDOT may instruct the Custodian to distribute Administrative Fees to TxDOT when due and payable to TxDOT prior to the Custodian's distribution of amounts to Developer.

(b) To compensate Developer for its costs with respect to Violations separate from those costs incurred by TxDOT, including the costs and risks of collection, TxDOT shall remit or cause to be remitted to Developer 50% of the amount of any Violation Fee actually collected from the User (after first deducting and paying to TxDOT the Transaction Fee and paying the amount of the toll to Developer). TxDOT shall have no obligation whatsoever to pay Developer for any toll or violation fee amount to the extent not collected or to the extent the amount collected does not exceed the Transaction Fee.

## ARTICLE 6 REPRESENTATIONS AND WARRANTIES

**6.1 Representations and Warranties by TxDOT.** TxDOT represents and warrants to Developer that, as of the effective date of this TSA:

(a) TxDOT is duly organized and validly existing under the laws of the state of Texas and has full power, right and authority to execute, deliver and perform this TSA and each and all of the obligations of TxDOT provided for herein.

(b) The execution, delivery and performance of this TSA have been duly authorized by all necessary action of TxDOT; each person executing this TSA on behalf of TxDOT has been duly authorized to execute and deliver it on behalf of TxDOT; and this TSA has been duly executed and delivered by TxDOT. This TSA constitutes the legal, valid and binding obligation of TxDOT, enforceable against TxDOT in accordance with its terms, subject only to applicable bankruptcy, insolvency and similar laws affecting the enforceability of the rights of creditors generally and general principles of equity.

(c) Neither the execution and delivery by TxDOT of this TSA, nor the consummation of the transactions contemplated hereby, is in conflict with or has resulted or will result in a default under, or a violation of, the governing instruments or governing statutes of TxDOT or any approvals or laws applicable to TxDOT.

(d) There is no action, suit, proceeding, investigation or litigation pending and served on TxDOT which challenges TxDOT's authority to execute, deliver or perform, or the validity or enforceability of, this TSA or which challenges the authority of the TxDOT official executing this TSA; and TxDOT has disclosed to Developer any pending and un-served or threatened action, suit, proceeding, investigation or litigation with respect to such matters of which TxDOT is aware.

**6.2 Representations and Warranties by Developer.** Developer represents and warrants to TxDOT that, as of the effective date of this TSA:

(a) Developer is a limited liability company duly organized and validly existing under the laws of the State of Delaware, has the requisite power and all required licenses to carry on its present and proposed activities, and has full power, right and authority to execute and deliver this TSA and to perform each and all of the obligations of Developer provided for herein. Developer is duly qualified to do business, and is in good standing, in the State of Texas.

(b) The execution, delivery and performance of this TSA have been duly authorized by all necessary corporate, partnership or limited liability company action (as the case may be) of Developer; each person executing this TSA on behalf of Developer has been duly authorized to execute and deliver it on behalf of Developer; and this TSA has been duly executed and delivered by Developer. This TSA constitutes the legal, valid and binding obligation of Developer, enforceable against Developer in accordance with its terms, subject only to applicable bankruptcy, insolvency and similar laws affecting the enforceability of the rights of creditors generally and general principles of equity.

(c) Neither the execution and delivery by Developer of this TSA, nor the consummation of the transactions contemplated hereby, is in conflict with or has resulted or will result in a default under, or a violation of, the governing instruments of Developer or any approvals or laws applicable to Developer.

(d) There is no action, suit, proceeding, investigation or litigation pending and served on Developer which challenges Developer's authority to execute, deliver or perform, or the validity or enforceability of, this TSA or which challenges the authority of the Developer official executing this TSA; and Developer has disclosed to TxDOT any pending and un-served or threatened action, suit, proceeding, investigation or litigation with respect to such matters of which Developer is aware.

**6.3 Survival.** The representations and warranties of TxDOT and Developer in this Article 6 shall survive for a period of two years following the expiration or earlier termination of this TSA.

**6.4 Developer Good Standing.** Developer covenants and agrees that it will maintain its existence and will remain in good standing in the State of Texas throughout the term of this TSA and will maintain its existence for as long thereafter as any obligations remain outstanding under this TSA. The provisions of this Section 6.4 shall survive the expiration or earlier termination of this Tolling Services Agreement.

## **ARTICLE 7 DEFAULTS AND REMEDIES; DISPUTE RESOLUTION; TERMINATION**

**7.1 TxDOT Default.** TxDOT shall be in breach of this TSA upon the occurrence of any one or more of the following events or conditions (each a “**TxDOT Default**”):

(a) TxDOT fails to make any payment to Developer when due hereunder, and the failure to pay continues for 30 days after Developer delivers notice thereof to TxDOT;

(b) any representation or warranty of TxDOT hereunder was not true when made, and such failure has a material adverse effect on TxDOT’s ability to perform its obligations in accordance with the requirements of this TSA;

(c) TxDOT assigns its rights and obligations under this TSA in violation of this TSA; or

(d) TxDOT fails to perform any other obligation of TxDOT hereunder, and the failure to perform such other obligation continues for 30 days after Developer delivers notice thereof to TxDOT (or if TxDOT has begun diligently pursuing a cure of such failure within such 30 days and continues to diligently pursue such cure, then 90 days after Developer delivers notice thereof to TxDOT).

**7.2 Developer Remedies for TxDOT Default.** In the event of any TxDOT Default, Developer shall be entitled to exercise the following rights and remedies (each of which rights and remedies shall be cumulative and in addition to any such other rights and remedies):

(a) Developer shall be entitled to recover all losses and damages incurred as a result of such TxDOT Default;

(b) Developer may terminate this TSA, effective upon 180 days' prior notice by Developer to TxDOT; and

(c) Developer shall be entitled to all other rights and remedies available under this TSA (including under Section 3.7), at Law or in equity (each of which rights and remedies shall be cumulative and in addition to any such other rights and remedies).

**7.3 Developer Default.** Developer shall be in breach of this TSA upon the occurrence of any one or more of the following events or conditions (each a "**Developer Default**"):

(a) Developer fails to make any payment to TxDOT when due hereunder, and such failure continues for 30 days after TxDOT delivers notice thereof to Developer;

(b) any representation or warranty of Developer hereunder was not true when made, and such failure has a material adverse effect on Developer's ability to perform its obligations in accordance with the requirements of this TSA;

(c) Developer assigns its rights and obligations under this TSA in violation of this TSA; or

(d) Developer fails to perform any other obligation of Developer hereunder, and the failure to perform such other obligation continues for 30 days after TxDOT delivers notice thereof to Developer (or if Developer has begun diligently pursuing a cure of such failure within such 30 days and continues to diligently pursue such cure, then 90 days after TxDOT delivers notice thereof to Developer).

**7.4 TxDOT Remedies for Developer Default.** In the event of any Developer Default, TxDOT shall be entitled to exercise the following rights and remedies (each of which rights and remedies shall be cumulative and in addition to any such other rights and remedies):

(a) TxDOT shall be entitled to recover all losses and damages incurred as a result of such Developer Default;

(b) TxDOT may terminate this TSA, effective upon 180 days' prior notice by TxDOT to Developer; and

(c) TxDOT shall be entitled to all other rights and remedies available under this TSA, at Law or in equity (each of which rights and remedies shall be cumulative and in addition to any such other rights and remedies).



**7.5 Interest on Late Payments.** Any sum owing from one Party to the other that is not paid when due shall bear interest at a floating rate equal to the LIBOR in effect from time to time plus 200 basis points, commencing on the date due and continuing until paid.

**7.6 Limitation on Consequential Damages.** Notwithstanding any other provision of this TSA and except as set forth in this Section 7.6, to the extent permitted by applicable Law, neither Party shall be liable for punitive damages or special, indirect or incidental consequential damages, whether arising out of breach of this TSA, tort (including negligence) or any other theory of liability, and each Party releases the other Party from any such liability. The foregoing limitation on liability for consequential damages shall not apply to or limit any right of recovery either Party may have respecting the following:

(a) losses, damages, debts, obligations and liabilities (including defense costs) to the extent covered by the proceeds of insurance actually carried by or insuring the liable Party;

(b) losses arising out of fraud, criminal conduct, intentional misconduct, recklessness, bad faith or gross negligence;

(c) Developer's obligation to pay compensation to TxDOT under this TSA;

(d) transition costs incurred by Developer or TxDOT upon its proper exercise of a right to terminate this TSA;

(e) in the event of Developer's proper exercise of a right to terminate this TSA, costs Developer incurs to procure, hire, transition to and compensate a replacement service provider for comparable services for the remainder of the term of the CDA after termination of this TSA, to the extent the compensation exceeds that which would be owing to TxDOT for the remainder of the term of the CDA; *provided* that any such damages related to any difference in level of compensation of the replacement service provider shall not exceed the amount by which the compensation payable to a replacement service provider (utilizing regular rates of compensation of such replacement service provider) exceeds the compensation that would have been payable to TxDOT hereunder during the shorter of (i) five years or (ii) the balance of the unexpired term of this TSA as of the date of termination of this TSA;

(f) interest, late charges, fees, transaction fees and charges, penalties and similar charges that this TSA expressly states are due from one Party to the other Party; and

(g) any credits, deductions or offsets that this TSA expressly provides to one Party against amounts owing the other Party.

**7.7 Mitigation of Damages.** Each Party acknowledges its duty at law to mitigate damages arising out of the other Party's breach or failure to perform. Both Parties also shall use reasonable efforts to mitigate damages in the event this TSA is terminated pursuant to Section 7.10 or Section 8.1.

**7.8 Dispute Resolution Procedures.** Article 30 of the CDA, and the provisions of the CDA referenced therein, shall govern all disputes under this TSA and are hereby incorporated by reference as though set forth in full herein, except that references to "the CDA Documents" shall mean this TSA, references to "Claim" or "Dispute" shall mean disputes under this TSA, and other references specific to the CDA shall be similarly construed to refer to comparable terms under this TSA. This Section 7.8 shall survive expiration or earlier termination of this TSA and continue to apply to all disputes between the Parties arising out of this TSA.

**7.9 Termination for Convenience.** Developer may terminate this TSA for convenience, without further liability or penalty, upon 180 days' prior notice to TxDOT.

**7.10 Termination by TxDOT.** TxDOT may terminate this TSA, without further liability or penalty (except to the extent such termination gives rise to a Compensation Event under the CDA pursuant to subsection (r) of the definition of Compensation Event), upon 180 days' prior notice to Developer, if TxDOT ceases to provide the types of services set out in Article 3 generally for itself and other toll road operators. During such 180-day notice period prior to the termination of this TSA, TxDOT shall use reasonable efforts to assist Developer, if Developer so requests, in retaining a replacement services provider.

**7.11 Termination for Certain Material Events.** The Parties acknowledge that the scope of services included herein, and the itemization, calculation, and escalation of Transaction Fees set forth in Section 5.1, are predicated on the participation of HCTRA in the Interlocal Agreement. If HCTRA is no longer operating toll roads or charging tolls for use thereof, or if HCTRA is no longer a party to such agreement or a successor interoperability agreement with TxDOT, the Parties agree to negotiate in good faith for changes reasonably requested to this TSA by TxDOT to continue the provision of services hereunder, including changes to Transaction Fees and the scope of services, in light of such changed circumstances. Either Party may terminate this TSA, without further liability or penalty or Claim for any Compensation Event under the CDA, upon 180 days' prior notice to the other Party, if Developer and TxDOT are unable to agree upon requested changes to this TSA (each Party acting in its own discretion) within 60 days after TxDOT requests such a change; *provided, however*, that nothing in this Section 7.11 shall alter, limit, diminish or otherwise prejudice the rights of Developer under Section 14.5.7 of the CDA.

**7.12 Transition.** If this TSA is terminated for any reason, until 180 days after delivery of notice of termination of this TSA, TxDOT shall use all commercially reasonable efforts, at its own cost and expense, to provide such assistance as may be requested by Developer to identify a replacement service provider, to facilitate the transition of services from TxDOT to the replacement service provider selected by Developer, and to avoid interruption in the provision of such services or any adverse impact on toll operations. To facilitate such transition, the Parties shall cooperate as set forth in Sections 7.12(a) through (e). Developer and TxDOT may complete the transition sooner than 180 days after the delivery of such notice so long as Developer and TxDOT mutually agree that such transition is complete.

(a) The Parties shall cooperate with each other in order to prepare, on or prior to the first Service Commencement Date (or such later time mutually agreed to by the Parties in writing), a mutually acceptable transition plan (with each Party agreeing not to unreasonably withhold its approval or assent thereto) that sets forth protocols, procedures and terms for (i) the transition of collection and enforcement services and customer service for the Project from TxDOT to Developer or its designee following the expiration or earlier termination of this TSA for any reason, and (ii) the transfer of data from TxDOT to Developer or its designee upon the expiration or earlier termination of this TSA for any reason. The Parties will cooperate to update the transition plan once every two years (or annually if reasonably requested by either Party due to any change in circumstances).

(b) The plan for transfer of data will include TxDOT's delivery to Developer on or prior to the expiration or earlier termination of this TSA of (i) all Transponder Transactions and Video Transactions and related transaction data transmitted to TxDOT but for which tolls have not been collected and remitted to Developer prior to the expiration or earlier termination of this TSA, unless otherwise agreed upon in writing, and (ii) reports identifying all transactions on the Project received by TxDOT and occurring during the last five years of the Term prior to the expiration or termination date. Other than transaction data described above, in no event will the transition plan require TxDOT to

disclose to Developer TxDOT's proprietary information or processes or customer information in violation of privacy laws or agreements with customers.

(c) Upon the expiration or earlier termination of this TSA for any reason, TxDOT will diligently assist and cooperate with Developer and Developer's designee to provide a smooth transition of toll collection and enforcement services, customer services and related services and transfer of data from TxDOT to Developer and Developer's designee, so that there is no gap or hiatus in the provision of such services or toll collection efforts for the Project. The Parties will carry out such transition and transfer pursuant to the transition plan developed pursuant to Section 7.12(a) and with the objective of accomplishing such transfer as quickly as possible without compromising customer service or toll collection. As part of such transition, TxDOT will transfer to Developer all the transaction data described in Section 7.12(b) and any other data identified in the transition plan, together with any information that TxDOT has relating to the transactions described in Section 7.12 (b)(i) that may reasonably assist Developer in the collection of tolls for such Transactions.

(d) TxDOT will continue to provide services as provided in this TSA until the performance of such services, functions, rights and responsibilities and the transaction data described in Section 7.12(b) and any other data identified in the transition plan are successfully transferred to Developer or its designee. Developer will use diligent efforts to enable such transfer in a manner that does not materially interfere with or disrupt TxDOT's operations regarding other projects. TxDOT will not engage in any action or make any statements to customers that would or could reasonably be expected to harm Developer's relations with such customers or their patronage of the Projects.

(e) Each Party shall bear its own costs and expenses in carrying out the transition of services and transfer of data, except (i) as provided in Section 7.2(a) (subject to Sections 7.6 and 7.7) where the termination of the TSA is the result of a TxDOT Default and (ii) to the extent such termination gives rise to a Compensation Event under the CDA pursuant to subsection (r) of the definition of Compensation Event.

## ARTICLE 8 SPECIAL PROVISIONS CONCERNING THE CDA

**8.1 Termination of the CDA.** This TSA shall terminate automatically, without notice, upon termination of the CDA without liability of either Party.

**8.2 New TSA for Collateral Agent.** If the CDA is terminated under the circumstances described in Section 2.4.8 of the Lenders' Direct Agreement and the Collateral Agent (or its Substituted Entity) elects to enter into a New Agreement, then the Collateral Agent (or its Substituted Entity) may also elect to enter into a new tolling services agreement (the "**New TSA**") to replace this TSA for the remainder of the term of this New Agreement and otherwise on the terms, covenants and conditions contained in this TSA. Upon the execution by all parties and as conditions to the effectiveness of the New TSA, the Collateral Agent (or its Substituted Entity) shall:

(a) pay to TxDOT any and all sums that would be due under this TSA but for such termination;

(b) otherwise fully remedy any existing defaults by Developer Defaults under this TSA; *provided, however*, that with respect to any such Developer Defaults that cannot be cured until the Collateral Agent or Substituted Entity obtains possession of the Project, the Collateral Agent or Substituted Entity shall have such time, after it obtains possession, as is necessary with the exercise of

good faith, diligence and continuity, to cure such defaults, in any event not to exceed 180 days after the date it obtains possession; and

(c) without duplication of any amounts previously paid by Developer, the Collateral or Substituted Entity shall pay to TxDOT all reasonable costs and expenses incurred by TxDOT (and upon request, TxDOT will provide a documented statement of such costs and expenses) in connection with (i) such default and termination, (ii) the assertion of rights, interests and defenses in any bankruptcy proceeding, (iii) all compensation earned by TxDOT under the TSA during any period of possession of the Project by TxDOT, except to the extent recovered by TxDOT from Toll Revenues earned during such period of possession and (iv) the preparation, execution, and delivery of the New TSA.

The provisions of this Section 8.2 shall survive the termination of this TSA and shall continue in full force and effect thereafter to the same extent as if this Section 8.2 were a separate and independent contract made by TxDOT and the Collateral Agent or its Substituted Entity.

## **ARTICLE 9 MISCELLANEOUS**

### **9.1 Assignment**

(a) Developer may not assign this TSA except to its permitted assignee of its interests in the CDA (the permissibility of which shall be determined solely under the CDA).

(b) TxDOT acknowledges that this TSA is for the personal services of TxDOT. Accordingly, TxDOT may not assign this TSA except (i) with the prior consent of Developer, in Developer's discretion, or (ii) without Developer's consent, to any other Person that succeeds to (1) all the governmental powers and authority of TxDOT or (2) all the tolling service functions and operations of TxDOT in the State.

(c) No assignment shall relieve the assigning Party from any liability under this TSA arising prior to the effective date of assignment, or impair any of the other Party's rights or remedies due to the assigning Party's default occurring prior to the effective date of assignment.

(d) This TSA shall be binding upon and inure to the benefit of TxDOT and Developer and their permitted successors, assigns and legal representatives.

**9.2 Amendments.** This TSA may be amended only by a written instrument duly executed by the Parties or their respective successors or assigns, except to the extent expressly provided otherwise in this TSA.

### **9.3 Waiver**

(a) No waiver of any term, covenant or condition of this TSA shall be valid unless in writing and signed by the obligee Party.

(b) The exercise by a Party of any right or remedy provided under this TSA shall not waive or preclude any other or further exercise thereof or the exercise of any other right or remedy. No waiver by any Party of any right or remedy under this TSA shall be deemed to be a waiver of any other or subsequent right or remedy under this TSA. The consent by one Party to any act by the other Party requiring such consent shall not be deemed to render unnecessary the obtaining of consent to any

subsequent act for which consent is required, regardless of whether similar to the act for which consent is given.

(c) Except as provided otherwise in this TSA, no act, delay or omission done, suffered or permitted by one Party or its agents shall be deemed to waive, exhaust or impair any right, remedy or power of such Party hereunder, or to relieve the other Party from the full performance of its obligations under this TSA.

(d) Either Party's waiver of any breach or failure to enforce any of the terms, covenants, conditions or other provisions of this TSA at any time shall not in any way limit or waive that Party's right thereafter to enforce or compel strict compliance with every term, covenant, condition or other provision, any course of dealing or custom of the trade notwithstanding. Furthermore, if the Parties make and implement any interpretation of this TSA without documenting such interpretation by an instrument in writing signed by both Parties, such interpretation and implementation thereof will not be binding in the event of any future dispute hereunder.

(e) The acceptance of any payment or reimbursement by a Party shall not waive any preceding or then-existing breach or default by the other Party of any term, covenant or condition of this TSA, other than the other Party's prior failure to pay the particular amount or part thereof so accepted, regardless of the paid party's knowledge of such preceding or then-existing breach or default at the time of acceptance of such payment or reimbursement. Nor shall such acceptance continue, extend or affect (i) the service of any notice, any dispute resolution procedures or final judgment, (ii) any time within which the other Party is required to perform any obligation or (iii) any other notice or demand.

**9.4 Independent Contractor.** TxDOT is an independent contractor to Developer hereunder, and nothing contained herein shall be construed as constituting any relationship with Developer other than independent contractor. Nothing herein is intended or shall be construed to create any partnership, joint venture or similar relationship between TxDOT and Developer; and in no event shall either Party take a position in any tax return or other writing of any kind that a partnership, joint venture or similar relationship exists.

**9.5 Authorized Representatives.** TxDOT and Developer shall each designate an individual or individuals who shall be authorized to make decisions and bind the Parties on matters relating to this TSA (each an "**Authorized Representative**"). Exhibit A to this TSA provides the initial Authorized Representative designations. A Party may change such designations by subsequent notice delivered to the other Party.

**9.6 Limitation on Third-Party Beneficiaries.** It is not intended by any of the provisions of this TSA to create any third-party beneficiary hereunder or to authorize anyone not a Party hereto to maintain a suit for personal injury or property damage pursuant to the terms or provisions hereof, except to the extent that specific provisions (such as the provisions for the protection of the Collateral Agent or its Substituted Entity in Section 8.2) identify third parties and state that they are entitled to benefits hereunder. Except as otherwise provided in this Section 9.6, the duties, obligations and responsibilities of the Parties to this TSA with respect to third parties shall remain as imposed by Law.

**9.7 No Personal Liability of TxDOT Employees; No Tort Liability.** TxDOT's Authorized Representatives are acting solely as agents and representatives of TxDOT when carrying out the provisions of or exercising the power or authority granted to them under this TSA. They shall not be liable either personally or as employees of TxDOT for actions in their ordinary course of employment. The Parties agree to provide to each other's Authorized Representative notice of any claim which such

Party may receive from any third party relating in any way to the matters addressed in this TSA, and shall otherwise provide notice in such form and within such period as is required by Law.

**9.8 Governing Law.** This TSA shall be governed by and construed in accordance with the laws of the State of Texas.

**9.9 Notices and Communications.** Notices hereunder shall be in writing and (a) delivered personally, (b) sent by certified mail, return receipt requested, (c) sent by a recognized overnight mail or courier service, with delivery receipt requested, or (d) sent by facsimile or email communication followed by a hard copy and with receipt confirmed by telephone, to the following addresses (or to such other address as may from time to time be specified in writing by such Person):

If to Developer: Blueridge Transportation Group, LLC  
c/o ACS Infrastructure Development, Inc.  
One Alhambra Plaza, Suite 1200  
Coral Gables, FL 33134  
Attn: General Counsel  
Telephone: (305) 424-5400  
Facsimile: (305) 424-5401  
E-mail: [USnotices@acsinfra.com](mailto:USnotices@acsinfra.com)

If to TxDOT: Texas Department of Transportation  
Director, Houston District Strategic Projects  
7600 Washington Avenue  
Houston, TX 77007  
Attn: Varuna Singh, P.E.  
Telephone: (713) -866-7040  
Facsimile: (512) 802-5889  
E-mail: [Varuna.Singh@txdot.gov](mailto:Varuna.Singh@txdot.gov)

With copies to:

Texas Department of Transportation  
Interim Director, Strategic Contracts Management  
125 East 11th Street  
Austin, TX 78701  
Attn: Frank P. Holzmann, P.E.  
Telephone: (210) 610-4804  
E-mail: [Frank.Holzmann@txdot.gov](mailto:Frank.Holzmann@txdot.gov)

and

Texas Department of Transportation  
Houston District Project Manager for SH 288 Toll Lanes Project in Harris  
County  
7600 Washington Avenue  
Houston, TX 77007  
Attn: Gregory A. Snider, P.E.  
Telephone: (832) 652-8275  
E-mail: [Greg.Snider@txdot.gov](mailto:Greg.Snider@txdot.gov)

and

Texas Department of Transportation  
Houston District Engineer  
7600 Washington Avenue  
Houston, TX 77007  
Attn: Quincy Allen, P.E.  
Telephone: (713) 802-5002  
E-mail: Quincy.Allen@txdot.gov

or to such other addresses and such other places as any party hereto may from time to time designate by written notice to the others. All notices and other communications required or permitted under this TSA that are addressed as provided in this Section 9.9 are effective upon delivery, if delivered personally or by overnight mail, facsimile or electronic mail and, are effective five days following deposit in the United States mail, postage prepaid if delivered by mail.

**9.10 Counterparts.** This TSA may be executed in one or more counterparts, all of which together shall be deemed an original.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, the Parties, intending to be legally bound, have executed this Tolling Services Agreement on the date first written above.

**Developer**

**TxDOT**

**Blueridge Transportation Group, LLC**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]



**EXHIBIT A**  
**INITIAL DESIGNATION OF AUTHORIZED REPRESENTATIVES**

**TxDOT's Initial Authorized Representative:**

Varuna Singh, P.E.  
Director, Houston District Strategic Projects  
7600 Washington Avenue  
Houston, TX 77007  
Telephone: (713) 866-7040  
E-mail: Varuna.Singh@txdot.gov

**Developer's Initial Authorized Representative**

Nuria Haltiwanger  
ACS Infrastructure Development, Inc.  
One Alhambra Plaza, Suite 1200  
Coral Gables, FL 33134  
Telephone: (305) 424-5400  
Facsimile: (305) 424-5401  
E-mail: nhaltiwanger@acsinfra.com

**EXHIBIT B  
FORM OF JOINDER AGREEMENT**

\* \* \* \* \*

**JOINDER AGREEMENT**

This Joinder Agreement is entered into and effective as of [●], by and between the Texas Department of Transportation, a public agency of the State of Texas (“**TxDOT**”), and Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Developer**”), and The Bank of New York Mellon Trust Company, N.A., as Custodian (the “**Custodian**”).

**RECITALS**

A. TxDOT and Developer have entered into that Comprehensive Development Agreement (State Highway 288 Toll Lanes in Harris County) dated as of [●], 2016 (the “**CDA**”), pursuant to which TxDOT confers upon Developer certain rights to finance, develop, design, acquire, construct, use, toll, operate and maintain the project described therein (such facility, the “**SH 288 Facility**”).

B. TxDOT and Developer have entered into that Tolling Services Agreement (State Highway 288 Toll Lanes in Harris County) dated as of [●] (the “**TSA**”), pursuant to which Developer has engaged TxDOT to provide, and TxDOT has agreed to provide, certain tolling services to Developer.

C. TxDOT and the Custodian have entered into the Master Lockbox and Custodial Account Agreement dated as of November 9, 2007 (the “**Master Lockbox and Custodial Account Agreement**”);

NOW, THEREFORE, in consideration of the foregoing premises and the covenants and agreements set forth herein, the Parties hereby agree as follows:

**AGREEMENT**

**1. Definitions.** Capitalized terms used but not defined in this Joinder Agreement have the meanings ascribed to them in the Master Lockbox and Custodial Account Agreement.

**2. Designation of Developer as Beneficiary.** TxDOT hereby designates Developer as a “Beneficiary” under the Master Lockbox and Custodial Account Agreement with respect to the SH 288 Facility and toll revenues arising from the SH 288 Facility which are at any time held by the Custodian under the Master Lockbox and Custodial Account Agreement and which, under the terms of the CDA, TxDOT is obligated to direct to be paid to Developer, and the Custodian hereby acknowledges said designation, with the full rights, powers and benefits granted to a “Beneficiary” thereunder. If Developer terminates TxDOT’s clearinghouse and toll collection and enforcement services or TxDOT ceases to provide clearinghouse and toll collection and enforcement services for Developer, all as provided in the TSA, Developer shall deliver notice to the Custodian specifying the date Developer terminated TxDOT’s services or the date TxDOT ceased to provide such services for Developer under the TSA. Developer’s rights as a “Beneficiary” under the Master Lockbox and Custodial Account Agreement shall continue so long as the TSA remains in effect.

**3. Agreements of TxDOT.** TxDOT hereby covenants and agrees as follows:

(a) TxDOT shall comply with the terms of the Master Lockbox and Custodial Account Agreement and perform the obligations of TxDOT specified in the Master Lockbox and Custodial Account Agreement, including without limitation the obligation of TxDOT to direct the Custodian pay any amount that is payable for the account of Developer to Developer.

(b) TxDOT shall enforce the Master Lockbox and Custodial Account Agreement in accordance with its terms and provisions and will not amend, modify or waive any of the terms and provisions thereof which would materially adversely affect the rights of Developer as a “Beneficiary” thereunder.

(c) TxDOT shall not terminate or allow to expire in accordance with its terms the Master Lockbox and Custodial Account Agreement prior to the expiration or earlier termination of the TSA unless TxDOT has executed a new Master Lockbox and Custodial Account Agreement with a replacement custodian on substantially the same terms and conditions as the Master Lockbox and Custodial Account Agreement.

(d) TxDOT shall deliver to Developer a copy of all notices, certificates, and instructions delivered by or on behalf of TxDOT to the Custodian as and when delivered to the Custodian.

**4. Agreements of Developer.** Developer agrees that it shall have no greater right or interest in and to the funds and accounts created pursuant to the Master Custodial Account Agreement than is provided in the TSA.

**5. Agreements of the Custodian.** The Custodian hereby covenants and agrees as follows:

(a) The Custodian acknowledges that (i) Developer is a “Beneficiary” as that term is used in the Master Lockbox and Custodial Account Agreement entitled to the rights of a Beneficiary as provided thereunder and (ii) Joinder Agreement constitutes a “Designation Agreement” under the Master Lockbox and Custodial Account Agreement.

(b) The Custodian hereby acknowledges that Developer may from time to time enter into certain Security Documents (as defined in the CDA) pursuant to which Developer has pledged its rights as a “Beneficiary” to secure its various obligations under or related to such Security Documents. The Custodian acknowledges that the secured party thereunder acts as agent for various Persons in connection with the exercise of such Person’s rights under the Security Documents.

(c) The Custodian will transfer amounts required to be transferred to the Beneficiary under the Master Lockbox and Custodial Account Agreement to Developer or its designee as follows or as otherwise from time to time instructed by Developer or its designee:

*[INSERT ACCOUNT DESCRIPTION AND WIRE INSTRUCTIONS]*

**6. Agreements as to Toll Revenues.** Each of TxDOT, the Custodian and Developer hereby acknowledge and agree as follows:

(a) The Master Lockbox and Custodial Account Agreement and arrangements thereunder are intended to ensure that toll revenues from operation of the SH 288 Facility do not come into the possession of, or under the control of, TxDOT, the State of Texas, or any other governmental entity of the State of Texas, or become the assets or property of TxDOT, the State of Texas or any such other

governmental entity that is subject to constraints imposed by principles of legislative or administrative appropriation, or to treatment as public funds unless and until the portion of such toll revenues that TxDOT is entitled to receive pursuant to the terms of the CDA or TSA are actually distributed to TxDOT from funds deposited into the Master Custodial Accounts.

(b) All revenue that accrues from the use of the SH 288 Facility prior to the expiration or earlier termination of the CDA that would constitute Toll Revenue if received by Developer, either directly or indirectly, shall become the property of Developer when it accrues, but the foregoing shall not reduce TxDOT's right to receive fees and other amounts in accordance with the terms of the TSA.

(c) The Custodian will have dominion and control of all toll revenues from operation of the SH 288 Facility for purposes of crediting and transferring such toll revenues from use of the SH 288 Facility to Developer.

(d) If for any reason TxDOT receives any payment for any use of the SH 288 Facility prior to the expiration or earlier termination of the CDA, all toll revenues that are part of such payment shall be deemed received by TxDOT merely as a bailee or agent for Developer and shall not constitute funds of TxDOT or the State of Texas, and TxDOT agrees to promptly remit such payments to the Custodian for handling in accordance with the terms of the Master Lockbox and Custodial Account Agreement.

**7. Governing Law.** This Joinder Agreement shall be governed by and construed in accordance with the laws of the State of Texas.

**8. Counterparts.** This Joinder Agreement may be executed in one or more counterparts, all of which together shall be deemed an original.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, the Parties, intending to be legally bound, have executed this Joinder Agreement on the date first written above.

**TxDOT**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Developer**

**Blueridge Transportation Group, LLC**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Custodian**

**The Bank of New York Mellon Trust Company, N.A.**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**EXHIBIT 12**  
**FEDERAL REQUIREMENTS**

- Attachment 1 Federal Requirements for Federal-Aid Construction Projects
- Attachment 2 FHWA Form 1273
- Attachment 3 Federal Prevailing Wage Rate
- Attachment 4 Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246)
- Attachment 5 Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)
- Attachment 6 Certification Regarding Use of Contract Funds for Lobbying
- Attachment 7 Compliance with Buy America Requirements
- Attachment 8 Certification of Nondiscrimination in Employment
- Attachment 9 On-the-Job Training Program for Design-Build and Comprehensive Development Agreement Projects
- Attachment 10 Important Notice to Contractors

**ATTACHMENT 1 TO EXHIBIT 12  
FEDERAL REQUIREMENTS FOR FEDERAL-AID CONSTRUCTION PROJECTS**

**GENERAL.** — The Work herein proposed will be financed in whole or in part with Federal funds, and therefore all of the statutes, rules and regulations promulgated by the Federal Government and applicable to work financed in whole or in part with Federal funds will apply to such work. The “Required Contract Provisions, Federal-Aid Construction Contracts, Form FHWA 1273,” are included in this Exhibit 12. Whenever in said required contract provisions references are made to:

(a) “contracting officer” or “authorized representative”, such references shall be construed to mean TxDOT or its Authorized Representative;

(b) “contractor”, “prime contractor”, “bidder” “Federal-aid construction contractor”, “prospective first tier participant” or First Tier Participant such references shall be construed to mean Developer or its authorized representative;

(c) “contract”, “prime contract”, Federal-aid construction contract” or “design-build contract” such references shall be construed to mean the Development Agreement between Developer and TxDOT for the Project;

(d) “subcontractor”, “supplier”, “vendor”, “prospective lower tier participant” “lower tier prospective participant”, Lower Tier participant” or “lower tier subcontractor”, such references shall be construed to mean any subcontractor or Supplier; and

(e) “department”, “agency”, “department or agency with which this transaction originated” or “contracting agency” such references shall be construed to mean TxDOT, except where a different department or agency or officer is specified.

**PERFORMANCE OF PREVIOUS CONTRACT.** — In addition to the provisions in Section II, “Nondiscrimination,” and Section VI, “Subletting or Assigning the Contract,” of the Form 1273 required contract provisions, Developer shall comply with the following:

The bidder shall execute the CERTIFICATION WITH REGARD TO THE PERFORMANCE OF PREVIOUS CONTRACTS OR SUBCONTRACTS SUBJECT TO THE EQUAL OPPORTUNITY CLAUSE AND THE FILING OF REQUIRED REPORTS located in the proposal. No request for subletting or assigning any portion of the contract in excess of \$10,000 will be considered under the provisions of Section VI of the required contract provisions unless such request is accompanied by the CERTIFICATION referred to above, executed by the proposed subcontractor.

**NON-COLLUSION PROVISION.** — The provisions in this section are applicable to all contracts except contracts for Federal Aid Secondary Projects. Title 23, United States Code, Section 112, requires as a condition precedent to approval by the Federal Highway Administrator of the contract for this work that each bidder file a sworn statement executed by, or on behalf of, the person, firm, association, or corporation to whom such contract is to be awarded, certifying that such person, firm, association, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the submitted bid. A form to make the non-collusion affidavit statement required by Section 112 as a certification under

penalty of perjury rather than as a sworn statement as permitted by 28 U.S.C., Sec. 1746, is included in the Proposal.

**PARTICIPATION BY DISADVANTAGED BUSINESS ENTERPRISES IN SUBCONTRACTING.**

— Part 26, Title 49, Code of Federal Regulations applies to the Project. Pertinent sections of said Code are incorporated within other sections of the Agreement and the TxDOT Disadvantaged Business Enterprise Program adopted pursuant to 49 CFR Part 26.

**CONVICT PRODUCED MATERIALS**

(a) FHWA Federal-aid projects are subject to 23 CFR § 635.417, Convict produced materials.

(b) Materials produced after July 1, 1991, by convict labor may only be incorporated in a Federal aid highway construction project if such materials have been: (i) produced by convicts who are on parole, supervised release, or probation from a prison, or (ii) produced in a prison project in which convicts, during the 12 month period ending July 1, 1987, produced materials for use in Federal aid highway construction projects, and the cumulative annual production amount of such materials for use in Federal aid highway construction does not exceed the amount of such materials produced in such project for use in Federal aid highway construction during the 12 month period ending July 1, 1987.

**ACCESS TO RECORDS**

(a) As required by 49 CFR 18.36(i)(10), Developer and its subcontractors shall allow FHWA and the Comptroller General of the United States, or their duly authorized representatives, access to all books, documents, papers, and records of Developer and subcontractors which are directly pertinent to any grantee or subgrantee contract, for the purpose of making audit, examination, excerpts, and transcriptions thereof. In addition, as required by 49 CFR 18.36(i)(11), Developer and its subcontractors shall retain all such books, documents, papers, and records for three years after final payment is made pursuant to any such contract and all other pending matters are closed.

(b) Developer agrees to include this section in each Subcontract at each tier, without modification except as appropriate to identify the subcontractor who will be subject to its provisions.



**ATTACHMENT 2 TO EXHIBIT 12  
FHWA FORM 1273**

ATTACHED

## REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Government wide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

### ATTACHMENTS

- A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

### I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

### II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

**1. Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by

reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

“It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training.”

**2. EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

**3. Dissemination of Policy:** All members of the contractor’s staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor’s EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor’s EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor’s EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor’s procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor’s EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor’s EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

**4. Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: “An Equal Opportunity Employer.” All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures

whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor’s compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

**5. Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

**6. Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor’s work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women

and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

**8. Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

**9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

**10. Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable

requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

**11. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

**III. NONSEGREGATED FACILITIES**

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

**IV. DAVIS-BACON AND RELATED ACT PROVISIONS**

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

### **1. Minimum wages**

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and

so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

### **2. Withholding**

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

### **3. Payrolls and basic records**

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits

under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency.

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### **4. Apprentices and trainees**

##### **a. Apprentices (programs of the USDOL).**

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

##### **b. Trainees (programs of the USDOL).**

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed

unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

**d. Apprentices and Trainees (programs of the U.S. DOT).**

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

**5. Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

**6. Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

**7. Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

**8. Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

**9. Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

**10. Certification of eligibility.**

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

**1. Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**2. Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

**3. Withholding for unpaid wages and liquidated damages.** The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and

liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

#### **VI. SUBLETTING OR ASSIGNING THE CONTRACT**

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

#### **VII. SAFETY: ACCIDENT PREVENTION**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

#### **VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the



quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

#### IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

#### X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

##### 1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal

Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

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##### 2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

## 2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared

ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

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## XI. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION--LOWER TIER PARTICIPANTS

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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## XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of

Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each

classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

**ATTACHMENT 3 TO EXHIBIT 12  
FEDERAL PREVAILING WAGE RATE**

ATTACHED

The wage rates listed are those predetermined by the Secretary of Labor and State Statute to be the minimum wages paid. To determine the applicable wage rate zone, a list entitled "TEXAS COUNTIES IDENTIFIED BY WAGE RATE ZONES" is provided in the contract. Any wage rate that is not listed must be submitted to the Engineer for approval. IMPORTANT NOTICE FOR STATE PROJECTS; only the controlling wage rate zone applies to the contract. Effective 1-3-2014

CLASS. #	CLASSIFICATION DESCRIPTION	ZONE TX07 1/3/14	ZONE TX08 1/3/14	ZONE TX11 1/3/14	ZONE TX12 1/3/14	ZONE TX14 1/3/14	ZONE TX16 1/3/14	ZONE TX18 1/3/14	ZONE TX34 1/3/14	ZONE TX35 1/4/13	ZONE TX37 1/3/14	ZONE TX38 1/3/14	ZONE TX40 1/3/14	ZONE TX41 1/3/14	ZONE TX54 1/3/14	ZONE TX56 1/3/14	ZONE TX63 1/3/14
1428	Agricultural Tractor Operator						\$12.69					\$12.35			\$11.75		
1300	Asphalt Distributor Operator	\$14.87	\$13.48	\$13.88			\$15.55	\$15.72	\$13.28	\$15.32	\$15.62	\$14.36	\$14.25	\$14.03	\$13.75	\$14.06	\$14.40
1303	Asphalt Paving Machine Operator	\$13.40	\$12.25	\$12.35	\$13.87		\$14.36	\$14.20	\$13.26	\$13.99	\$14.68	\$12.92	\$13.44	\$12.53	\$14.00	\$14.32	\$12.99
1106	Asphalt Raker	\$12.28	\$10.61	\$12.02	\$14.21		\$12.12	\$11.64	\$11.44	\$12.69	\$12.05	\$11.34	\$11.67	\$11.40	\$12.59	\$12.36	
1112	Batching Plant Operator, Asphalt																
1115	Batching Plant Operator, Concrete																
1214	Blaster																
1615	Boom Truck Operator						\$18.36										
1444	Boring Machine Operator																
1305	Broom or Sweeper Operator	\$11.21	\$10.33	\$10.08			\$11.04	\$11.62		\$11.74	\$11.41	\$10.30		\$10.23	\$10.60	\$12.68	\$11.05
1144	Communications Cable Installer																
1124	Concrete Finisher, Paving and Structures	\$13.55	\$12.46	\$13.16	\$12.85		\$12.56	\$12.77	\$12.44	\$14.12	\$13.04	\$13.38		\$12.80	\$12.79	\$12.98	\$13.32
1318	Concrete Pavement Finishing Machine Operator						\$15.48			\$16.05		\$19.31				\$13.07	
1315	Concrete Paving, Curing, Float, Texturing Machine Operator											\$16.34				\$11.71	
1333	Concrete Saw Operator									\$14.48	\$17.33					\$13.99	
1399	Concrete/Gunite Pump Operator																
1344	Crane Operator, Hydraulic 80 tons or less						\$18.36			\$18.12	\$18.04	\$20.21			\$18.63	\$13.86	
1345	Crane Operator, Hydraulic Over 80 Tons																
1342	Crane Operator, Lattice Boom 80 Tons or Less	\$16.82	\$14.39	\$13.85			\$15.87			\$17.27		\$14.67			\$16.42	\$14.97	
1343	Crane Operator, Lattice Boom Over 80 Tons						\$19.38			\$20.52		\$17.49			\$25.13	\$15.80	
1306	Crawler Tractor Operator	\$13.96	\$16.63	\$13.62			\$15.67			\$14.07	\$13.15	\$13.38			\$14.60	\$13.68	\$13.50
1351	Crusher or Screen Plant Operator																
1446	Directional Drilling Locator						\$11.67										
1445	Directional Drilling Operator						\$17.24										
1139	Electrician	\$20.96		\$19.87			\$26.35		\$20.27	\$19.80		\$20.92				\$27.11	
1347	Excavator Operator, 50,000 pounds or less	\$13.46	\$12.56	\$13.67			\$12.88	\$14.38	\$13.49	\$17.19		\$13.88			\$14.09	\$12.71	\$14.42
1348	Excavator Operator, Over 50,000 pounds		\$15.23	\$13.52			\$17.71			\$16.99	\$18.80	\$16.22				\$14.53	
1150	Flagger	\$9.30	\$9.10	\$8.50		\$8.81	\$9.45	\$8.70		\$10.06	\$9.71	\$9.03		\$9.08	\$9.90	\$10.33	\$8.10
1151	Form Builder/Setter, Structures	\$13.52	\$12.30	\$13.38	\$12.91	\$12.71	\$12.87	\$12.38	\$12.26	\$13.84	\$12.98	\$13.07	\$13.61	\$12.82	\$14.73	\$12.23	\$12.25
1160	Form Setter, Paving & Curb	\$12.36	\$12.16	\$13.93	\$11.83	\$10.71	\$12.94			\$13.16	\$12.54	\$11.33	\$10.69		\$13.33	\$12.34	
1360	Foundation Drill Operator, Crawler Mounted									\$17.99						\$17.43	
1363	Foundation Drill Operator, Truck Mounted		\$16.86	\$22.05			\$16.93			\$21.07	\$20.20	\$20.76		\$17.54	\$21.39	\$15.89	
1369	Front End Loader Operator, 3 CY or Less	\$12.28	\$13.49	\$13.40			\$13.04	\$13.15	\$13.29	\$13.69	\$12.64	\$12.89			\$13.51	\$13.32	\$12.17
1372	Front End Loader Operator, Over 3 CY	\$12.77	\$13.69	\$12.33			\$13.21	\$12.86	\$13.57	\$14.72	\$13.75	\$12.32			\$13.19	\$13.17	
1329	Joint Sealer																
1172	Laborer, Common	\$10.30	\$9.86	\$10.08	\$10.51	\$10.71	\$10.50	\$10.24	\$10.58	\$10.72	\$10.45	\$10.30	\$10.25	\$10.03	\$10.54	\$11.02	\$10.15
1175	Laborer, Utility	\$11.80	\$11.53	\$12.70	\$12.17	\$11.81	\$12.27	\$12.11	\$11.33	\$12.32	\$11.80	\$11.53	\$11.23	\$11.50	\$11.95	\$11.73	\$12.37
1346	Loader/Backhoe Operator	\$14.18	\$12.77	\$12.97	\$15.68		\$14.12			\$15.18	\$13.58	\$12.87		\$13.21	\$14.13	\$14.29	
1187	Mechanic	\$20.14	\$15.47	\$17.47			\$17.10			\$17.68	\$18.94	\$18.58		\$16.61	\$18.46	\$16.96	
1380	Milling Machine Operator	\$15.54	\$14.64	\$12.22			\$14.18			\$14.32	\$14.35	\$12.86			\$14.75	\$13.53	

CLASS. #	CLASSIFICATION DESCRIPTION	ZONE TX07 1/3/14	ZONE TX08 1/3/14	ZONE TX11 1/3/14	ZONE TX12 1/3/14	ZONE TX14 1/3/14	ZONE TX16 1/3/14	ZONE TX18 1/3/14	ZONE TX34 1/3/14	ZONE TX35 1/4/13	ZONE TX37 1/3/14	ZONE TX38 1/3/14	ZONE TX40 1/3/14	ZONE TX41 1/3/14	ZONE TX54 1/3/14	ZONE TX56 1/3/14	ZONE TX63 1/3/14
1390	Motor Grader Operator, Fine Grade	\$17.49	\$16.52	\$16.88			\$18.51	\$16.69	\$16.13	\$17.19	\$18.35	\$17.07	\$17.74	\$17.47	\$17.08	\$15.69	\$20.01
1393	Motor Grader Operator, Rough	\$16.15	\$14.62	\$15.83		\$17.07	\$14.63	\$18.50		\$16.02	\$16.44	\$15.12		\$14.47	\$17.39	\$14.23	\$15.53
1413	Off Road Hauler			\$10.08			\$11.88			\$12.25		\$12.23			\$13.00	\$14.60	
1196	Painter, Structures						\$18.34						\$21.29				\$18.62
1396	Pavement Marking Machine Operator	\$16.42		\$13.10			\$19.17	\$12.01		\$13.63	\$14.60	\$13.17		\$16.65	\$10.54	\$11.18	
1443	Percussion or Rotary Drill Operator																
1202	Piledriver																\$14.95
1205	Pipelayer		\$11.87	\$14.64			\$12.79		\$11.37	\$13.24	\$12.66	\$13.24	\$11.17	\$11.67		\$12.12	
1384	Reclaimer/Pulverizer Operator	\$12.85					\$12.88			\$11.01		\$10.46					
1500	Reinforcing Steel Worker	\$13.50	\$14.07	\$17.53			\$14.00			\$16.18	\$12.74	\$15.83		\$17.10		\$15.15	
1402	Roller Operator, Asphalt	\$10.95		\$11.96			\$12.78	\$11.61		\$13.08	\$12.36	\$11.68			\$11.71	\$11.95	\$11.50
1405	Roller Operator, Other	\$10.36		\$10.44			\$10.50	\$11.64		\$11.51	\$10.59	\$10.30		\$12.04	\$12.85	\$11.57	
1411	Scraper Operator	\$10.61	\$11.07	\$10.85			\$12.27		\$11.12	\$12.96	\$11.88	\$12.43		\$11.22	\$13.95	\$13.47	
1417	Self-Propelled Hammer Operator																
1194	Servicer	\$13.98	\$12.34	\$14.11			\$14.51	\$15.56	\$13.44	\$14.58	\$14.31	\$13.83		\$12.43	\$13.72	\$13.97	
1513	Sign Erector																
1708	Slurry Seal or Micro-Surfacing Machine Operator																
1341	Small Slipform Machine Operator									\$15.96							
1515	Spreader Box Operator	\$12.60		\$13.12			\$14.04			\$14.73	\$13.84	\$13.68		\$13.45	\$11.83	\$13.58	
1705	Structural Steel Welder															\$12.85	
1509	Structural Steel Worker						\$19.29									\$14.39	
1339	Subgrade Trimmer																
1143	Telecommunication Technician																
1145	Traffic Signal/Light Pole Worker						\$16.00										
1440	Trenching Machine Operator, Heavy						\$18.48										
1437	Trenching Machine Operator, Light																
1609	Truck Driver Lowboy-Float	\$14.46	\$13.63	\$13.41	\$15.00	\$15.93	\$15.66			\$16.24	\$16.39	\$14.30	\$16.62	\$15.63	\$14.28	\$16.03	
1612	Truck Driver Transit-Mix									\$14.14							
1600	Truck Driver, Single Axle	\$12.74	\$10.82	\$10.75			\$11.79	\$13.53	\$13.16	\$12.31	\$13.40	\$10.30	\$11.61		\$11.97	\$11.46	
1606	Truck Driver, Single or Tandem Axle Dump Truck	\$11.33	\$14.53	\$11.95			\$11.68		\$14.06	\$12.62	\$11.45	\$12.28		\$13.08	\$11.68	\$11.48	\$11.10
1607	Truck Driver, Tandem Axle Tractor with Semi Trailer	\$12.49	\$12.12	\$12.50			\$12.81	\$13.16		\$12.86	\$16.22	\$12.50			\$13.80	\$12.27	
1441	Tunneling Machine Operator, Heavy																
1442	Tunneling Machine Operator, Light																
1706	Welder		\$14.02				\$15.97		\$13.74	\$14.84					\$13.78		
1520	Work Zone Barricade Servicer	\$10.30	\$12.88	\$11.46	\$11.70		\$11.85	\$10.77		\$11.68	\$12.20	\$11.22	\$11.51	\$12.96	\$10.54	\$11.67	

Notes:

Any worker employed on this project shall be paid at the rate of one and one half (1-1/2) times the regular rate for every hour worked in excess of forty (40) hours per week. The titles and descriptions for the classifications listed here are further detailed in the AGC of Texas' *Standard Job Classifications and Descriptions for Highway, Heavy, Utilities, and Industrial Construction in Texas*. AGC will make it available on its Web site for any contractor.

**TEXAS COUNTIES IDENTIFIED BY  
WAGE RATE ZONES: 7, 8, 11, 12, 14, 16, 18, 34, 35, 37, 38, 40, 41, 54, 56, 63**

County Name	Zone	County Name	Zone	County Name	Zone	County Name	Zone
Anderson	38	Donley	54	Karnes	37	Reagan	54
Andrews	54	Duval	41	Kaufman	35	Real	54
Angelina	38	Eastland	54	Kendall	16	Red River	38
Aransas	40	Ector	7	Kenedy	41	Reeves	18
Archer	35	Edwards	18	Kent	54	Refugio	37
Armstrong	7	El Paso	34	Kerr	37	Roberts	54
Atascosa	16	Ellis	35	Kimble	54	Robertson	16
Austin	56	Erath	38	King	54	Rockwall	35
Bailey	54	Falls	38	Kinney	18	Runnels	54
Bandera	16	Fannin	38	Kleberg	37	Rusk	11
Bastrop	16	Fayette	37	Knox	54	Sabine	38
Baylor	54	Fisher	54	Lamar	38	San Augustine	38
Bee	37	Floyd	54	Lamb	54	San Jacinto	56
Bell	16	Foard	54	Lampasas	16	San Patricio	40
Bexar	16	Fort Bend	56	LaSalle	41	San Saba	54
Blanco	37	Franklin	38	Lavaca	37	Schleicher	54
Borden	54	Freestone	38	Lee	37	Scurry	54
Bosque	38	Frio	37	Leon	38	Shackelford	54
Bowie	11	Gaines	54	Liberty	56	Shelby	38
Brazoria	56	Galveston	56	Limestone	38	Sherman	54
Brazos	16	Garza	54	Lipscomb	54	Smith	11
Brewster	18	Gillespie	37	Live Oak	37	Somervell	38
Briscoe	54	Glasscock	54	Llano	37	Starr	41
Brooks	41	Goliad	40	Loving	54	Stephens	54
Brown	54	Gonzales	37	Lubbock	7	Sterling	54
Burleson	16	Gray	54	Lynn	54	Stonewall	54
Burnet	37	Grayson	35	Madison	38	Sutton	18
Caldwell	16	Gregg	11	Marion	38	Swisher	54
Calhoun	40	Grimes	38	Martin	54	Tarrant	35
Callahan	35	Guadalupe	16	Mason	37	Taylor	7
Cameron	8	Hale	54	Matagorda	37	Terrell	18
Camp	38	Hall	54	Maverick	41	Terry	54
Carson	7	Hamilton	38	McCulloch	54	Throckmorton	54
Cass	38	Hansford	54	McLennan	16	Titus	38
Castro	54	Hardeman	54	McMullen	41	Tom Green	7
Chambers	56	Hardin	56	Medina	16	Travis	16
Cherokee	38	Harris	56	Menard	54	Trinity	38
Childress	54	Harrison	63	Midland	7	Tyler	38
Clay	35	Hartley	54	Milam	38	Upshur	11
Cochran	54	Haskell	54	Mills	54	Upton	54
Coke	54	Hays	16	Mitchell	54	Uvalde	41
Coleman	54	Hemphill	54	Montague	54	Val Verde	18
Collin	35	Henderson	38	Montgomery	56	Van Zandt	38
Collingsworth	54	Hidalgo	8	Moore	54	Victoria	14
Colorado	37	Hill	38	Morris	38	Walker	38
Comal	16	Hockley	54	Motley	54	Waller	56
Comanche	54	Hood	38	Nacogdoches	38	Ward	54
Concho	54	Hopkins	38	Navarro	38	Washington	38
Cooke	54	Houston	38	Newton	38	Webb	8
Coryell	16	Howard	54	Nolan	54	Wharton	37
Cottle	54	Hudspeth	18	Nueces	40	Wheeler	54
Crane	54	Hunt	35	Ochiltree	54	Wichita	12
Crockett	18	Hutchinson	54	Oldham	54	Wilbarger	54
Crosby	7	Irion	7	Orange	56	Willacy	41
Culberson	18	Jack	38	Palo Pinto	38	Williamson	16
Dallam	54	Jackson	37	Panola	38	Wilson	16
Dallas	35	Jasper	38	Parker	35	Winkler	54
Dawson	54	Jeff Davis	18	Parmer	54	Wise	35
Deaf Smith	54	Jefferson	56	Pecos	18	Wood	38



Delta	35	Jim Hogg	41	Polk	38	Yoakum	54
Denton	35	Jim Wells	37	Potter	7	Young	54
DeWitt	37	Johnson	35	Presidio	18	Zapata	41
Dickens	54	Jones	35	Rains	38	Zavala	41
Dimmit	41			Randall	7		

**ATTACHMENT 4 TO EXHIBIT 12**  
**SPECIAL PROVISION**  
**000—006**  
**Standard Federal Equal Employment Opportunity**  
**Construction Contract Specifications (Executive Order 11246)**

1. As used in these specifications:
  - a. “Covered area” means the geographical area described in the solicitation from which this contract resulted;
  - b. “Director” means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
  - c. “Employer identification number” means the Federal Social Security number used on the Employer’s Quarterly Federal Tax Return, U.S. Treasury Department Form 941.
  - d. “Minority” includes:
    - (i) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
    - (ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
    - (iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and
    - (iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North American and maintaining identifiable tribal affiliations through membership and participation or community identification).
2. Whenever the contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.
3. If the contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U. S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each contractor or subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other contractors or subcontractors toward a goal in an

approved Plan does not excuse any covered contractor's or subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.

4. The contractor shall implement the specific affirmative action standards provided in paragraphs 7a through p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing contracts in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the contract is being performed. Goals are published periodically in the Federal Register in notice form and such notices may be obtained from any Office of Federal Contract Compliance Programs office or any Federal procurement contracting officer. The contractor is expected to make substantially uniform progress toward its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the contractor during the training period, and the contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U. S. Department of Labor.
7. The contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
  - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the contractor's employees are assigned to work. The contractor, where possible, will assign two or more women to each construction project. The contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
  - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
  - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the contractor by the union or, if referred, not employed by

the contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the contractor may have taken.

- d. Provide immediate written notification to the Director when the union or unions with which the contractor has a collective bargaining agreement has not referred to the contractor a minority person or woman sent by the contractor, or when the contractor has other information that the union referral Process has impeded the contractor's efforts to meet its obligations.
- e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the contractor's employment needs, especially those programs funded or approved by the Department of Labor. The contractor shall provide notice of these programs to the sources compiled under 7b above.
- f. Disseminate the contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the contractor in meeting its EEO obligations; by including it in any policy manual and Collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the contractor's EEO policy with other contractors and subcontractors with whom the contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a contractor's workforce.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.

- l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
  - m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the contractor's obligations under these specifications are being carried out.
  - n. Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
  - o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
  - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these Specifications; provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the contractor. The obligation to comply, however, is the contractor's and failure of such a group to fulfill an obligation shall not be a defense for the contractor's noncompliance.
  9. A single goal for minorities and a separate single goal for women have been established. The contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the contractor has achieved its goals for women generally, the contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).
  10. Nondiscrimination programs require that Federal-aid recipients, subrecipients, and contractors prevent discrimination and ensure nondiscrimination in all of their programs and activities, whether those programs and activities are federally funded or not. The factors prohibited from serving as a basis for action or inaction which discriminates include race, color, national origin, sex, age, and handicap/disability. The efforts to prevent discrimination must address, but not be limited to a program's impacts, access, benefits, participation, treatment, services, contracting opportunities, training opportunities, investigations of complaints, allocations of funds, prioritization of projects, and the functions of right-of-way, research, planning, and design.

11. The contractor shall not enter into any Subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).
16. In addition to the reporting requirements set forth elsewhere in this contract, the contractor and the subcontractors holding subcontracts, not including material suppliers, of \$10,000 or more, shall submit for every month of July during which work is performed, employment data as contained under Form PR 1391 (Appendix C to 23 CFR, Part 230), and in accordance with the instructions included thereon.

**ATTACHMENT 5 TO EXHIBIT 12**  
**SPECIAL PROVISION**  
**000—004**

**Notice of Requirement for Affirmative Action  
to Ensure Equal Employment Opportunity  
(Executive Order 11246)**

1. **General.** In addition to the affirmative action requirements of the Special Provision titled “Standard Federal Equal Employment Opportunity Construction Contract Specifications” as set forth elsewhere in this proposal, the Bidder’s attention is directed to the specific requirements for utilization of minorities and females as set forth below.

2. **Goals.**

- a. Goals for minority and female participation are hereby established in accordance with 41 CFR 60-4.
- b. The goals for minority and female participation expressed in percentage terms for the contractor’s aggregate work force in each trade on all construction work in the covered area, are as follows:

**Goals for minority  
participation in  
each trade  
(percent)**

See Table 1

**Goals for female  
participation in  
each trade  
(percent)**

6.9

- c. These goals are applicable to all the contractor’s construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction. The contractor’s compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Standard Federal Equal Employment Opportunity Construction Contract Specifications Special Provision and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority and female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the contractor’s goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.
- d. A contractor or subcontractor will be considered in compliance with these provisions by participation in the Texas Highway-Heavy Branch, AGC, Statewide Training and Affirmative Action Plan. Provided that each contractor or subcontractor participating in this plan must individually comply with the equal opportunity clause set forth in 41 CFR

60-1.4 and must make a good faith effort to achieve the goals set forth for each participating trade in the plan in which it has employees. The overall good performance of other contractors and subcontractors toward a goal in an approved plan does not excuse any covered contractor's or subcontractor's failure to make good faith efforts to achieve the goals contained in these provisions. Contractors or subcontractors participating in the plan must be able to demonstrate their participation and document their compliance with the provisions of this Plan.

3. **Subcontracting.** The contractor shall provide written notification to the Department within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation pending concurrence of the Department in the award. The notification shall list the names, address and telephone number of the subcontractor; employer identification number; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed.
4. **Covered Area.** As used in this special provision, and in the contract resulting from this solicitation, the geographical area covered by these goals for female participation is the State of Texas. The geographical area covered by these goals for other minorities are the counties in the State of Texas as indicated in Table 1.
5. **Reports.** The contractor is hereby notified that he may be subject to the Office of Federal Contract Compliance Programs (OFCCP) reporting and record keeping requirements as provided for under Executive Order 11246 as amended. OFCCP will provide direct notice to the contractor as to the specific reporting requirements that he will be expected to fulfill.



**Table 1**

<b>County</b>	<b>Goals for Minority Participation</b>	<b>County</b>	<b>Goals for Minority Participation</b>
Anderson	22.5	Concho	20.0
Andrews	18.9	Cooke	17.2
Angelina	22.5	Coryell	16.4
Aransas	44.2	Cottle	11.0
Archer	11.0	Crane	18.9
Armstrong	11.0	Crockett	20.0
Atascosa	49.4	Crosby	19.5
Austin	27.4	Culberson	49.0
Bailey	19.5	Dallam	11.0
Bandera	49.4	Dallas	18.2
Bastrop	24.2	Dawson	19.5
Baylor	11.0	Deaf Smith	11.0
Bee	44.2	Delta	17.2
Bell	16.4	Denton	18.2
Bexar	47.8	DeWitt	27.4
Blanco	24.2	Dickens	19.5
Borden	19.5	Dimmit	49.4
Bosque	18.6	Donley	11.0
Bowie	19.7	Duval	44.2
Brazoria	27.3	Eastland	10.9
Brazos	23.7	Ector	15.1
Brewster	49.0	Edwards	49.4
Briscoe	11.0	Ellis	18.2
Brooks	44.2	El Paso	57.8
Brown	10.9	Erath	17.2
Burleson	27.4	Falls	18.6
Burnet	24.2	Fannin	17.2
Caldwell	24.2	Fayette	27.4
Calhoun	27.4	Fisher	10.9
Callahan	11.6	Floyd	19.5
Cameron	71.0	Foard	11.0
Camp	20.2	Fort Bend	27.3
Carson	11.0	Franklin	17.2
Cass	20.2	Freestone	18.6
Castro	11.0	Frio	49.4
Chambers	27.4	Gaines	19.5
Cherokee	22.5	Galveston	28.9
Childress	11.0	Garza	19.5
Clay	12.4	Gillespie	49.4
Cochran	19.5	Glasscock	18.9
Coke	20.0	Goliad	27.4
Coleman	10.9	Gonzales	49.4
Collin	18.2	Gray	11.0
Collingsworth	11.0	Grayson	9.4
Colorado	27.4	Gregg	22.8
Comal	47.8	Grimes	27.4
Comanche	10.9	Guadalupe	47.8

<b>County</b>	<b>Goals for Minority Participation</b>	<b>County</b>	<b>Goals for Minority Participation</b>
Hale	19.5	Lavaca	27.4
Hall	11.0	Lee	24.2
Hamilton	18.6	Leon	27.4
Hansford	11.0	Liberty	27.3
Hardeman	11.0	Limestone	18.6
Hardin	22.6	Lipscomb	11.0
Harris	27.3	Live Oak	44.2
Harrison	22.8	Llano	24.2
Hartley	11.0	Loving	18.9
Haskell	10.9	Lubbock	19.6
Hays	24.1	Lynn	19.5
Hemphill	11.0	Madison	27.4
Henderson	22.5	Marion	22.5
Hidalgo	72.8	Martin	18.9
Hill	18.6	Mason	20.0
Hockley	19.5	Matagorda	27.4
Hood	18.2	Maverick	49.4
Hopkins	17.2	McCulloch	20.0
Houston	22.5	McLennan	20.7
Howard	18.9	McMullen	49.4
Hudspeth	49.0	Medina	49.4
Hunt	17.2	Menard	20.0
Hutchinson	11.0	Midland	19.1
Irion	20.0	Milam	18.6
Jack	17.2	Mills	18.6
Jackson	27.4	Mitchell	10.9
Jasper	22.6	Montague	17.2
Jeff Davis	49.0	Montgomery	27.3
Jefferson	22.6	Moore	11.0
Jim Hogg	49.4	Morris	20.2
Jim Wells	44.2	Motley	19.5
Johnson	18.2	Nacogdoches	22.5
Jones	11.6	Navarro	17.2
Karnes	49.4	Newton	22.6
Kaufman	18.2	Nolan	10.9
Kendall	49.4	Nueces	41.7
Kenedy	44.2	Ochiltree	11.0
Kent	10.9	Oldham	11.0
Kerr	49.4	Orange	22.6
Kimble	20.0	Palo Pinto	17.2
King	19.5	Panola	22.5
Kinney	49.4	Parker	18.2
Kleberg	44.2	Parmer	11.0
Knox	10.9	Pecos	18.9
Lamar	20.2	Polk	27.4
Lamb	19.5	Potter	9.3
Lampasas	18.6	Presidio	49.0
LaSalle	49.4	Rains	17.2

<b>County</b>	<b>Goals for Minority Participation</b>	<b>County</b>	<b>Goals for Minority Participation</b>
Randall	9.3	Webb	87.3
Reagan	20.0	Wharton	27.4
Real	49.4	Wheeler	11.0
Red River	20.2	Wichita	12.4
Reeves	18.9	Wilbarger	11.0
Refugio	44.2	Willacy	72.9
Roberts	11.0	Williamson	24.1
Robertson	27.4	Wilson	49.4
Rockwall	18.2	Winkler	18.9
Runnels	20.0	Wise	18.2
Rusk	22.5	Wood	22.5
Sabine	22.6	Yoakum	19.5
San Augustine	22.5	Young	11.0
San Jacinto	27.4	Zapata	49.4
San Patricio	41.7	Zavala	49.4
San Saba	20.0		
Schleicher	20.0		
Scurry	10.9		
Shackelford	10.9		
Shelby	22.5		
Sherman	11.0		
Smith	23.5		
Somervell	17.2		
Starr	72.9		
Stephens	10.9		
Sterling	20.0		
Stonewall	10.9		
Sutton	20.0		
Swisher	11.0		
Tarrant	18.2		
Taylor	11.6		
Terrell	20.0		
Terry	19.5		
Throckmorton	10.9		
Titus	20.2		
Tom Green	19.2		
Travis	24.1		
Trinity	27.4		
Tyler	22.6		
Upshur	22.5		
Upton	18.9		
Uvalde	49.4		
Val Verde	49.4		
Van Zandt	17.2		
Victoria	27.4		
Walker	27.4		
Waller	27.3		
Ward	18.9		
Washington	27.4		

**ATTACHMENT 6 TO EXHIBIT 12**  
**CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

By signing and submitting its proposal or bid, and by executing the Agreement or Subcontract, each prospective Developer and subcontractor (at all tiers) shall be deemed to have signed and delivered the following:

1. The prospective Developer/subcontractor certifies, to the best of its knowledge and belief, that:
  - a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  - b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions, and shall include a copy of said form in its proposal or bid, or submit it with the executed Agreement or Subcontract.
2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
3. Developer/subcontractor shall require that the language of this certification be included in all lower tier Subcontracts which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.
4. The undersigned certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the undersigned understands and agrees that the provisions of 31 U.S.C. §3801, et seq., apply to this certification and disclosure, if any.

[Note: Pursuant to 31 U.S.C. §1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each expenditure or failure.]

**ATTACHMENT 7 TO EXHIBIT 12**  
**COMPLIANCE WITH BUY AMERICA REQUIREMENTS**

Developer shall comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 CFR 635.410, which permits FHWA participation in the Agreement only if domestic steel and iron will be used on the Project. To be considered domestic, all steel and iron used and all products manufactured from steel and iron must be produced in the United States and all manufacturing processes, including application of a coating, for these materials must occur in the United States. Coating includes all processes that protect or enhance the value of the material to which the coating is applied. This requirement does not preclude a minimal use of foreign steel and iron materials, provided the cost of such materials does not exceed 0.1% of the contract price under the Design-Build Contract.

Concurrently with execution of the Agreement, Developer has completed and submitted, or shall complete and submit, to TxDOT a Buy America Certificate, in format below. After submittal, Developer is bound by its original certification.


A false certification is a criminal act in violation of 18 U.S.C. 1001. Should this Agreement be investigated, Developer has the burden of proof to establish that it is in compliance.

At Developer's request, TxDOT may, but is not obligated to, seek a waiver of Buy America requirements if grounds for the waiver exist. However, Developer certifies that it will comply with the applicable Buy America requirements if a waiver of those requirements is not available or not pursued by TxDOT. A request for a waiver shall be treated as a Request for Change Order under Section 13.3 of the Agreement.

### BUY AMERICA CERTIFICATE

The undersigned certifies on behalf of itself and all proposed subcontractors (at all tiers) that only domestic steel and iron will be used in the Project.

- A. Developer shall comply with the Federal Highway Administration (“FHWA”) Buy America Requirements of 23 CFR 635.410, which permits FHWA participation in the Agreement only if domestic steel and iron will be used on the Project. To be considered domestic, all steel and iron used and all products manufactured from steel and iron must be produced in the United States, and all manufacturing processes, including application of a coating, for these materials must occur in the United States. Coating includes all processes which protect or enhance the value of the material to which the coating is applied. This requirement does not preclude a minimal use of foreign steel and iron materials, provided the cost of such materials does not exceed 0.1% of the contract price under the Design-Build Contract.
- B. A false certification is a criminal act in violation of 18 U.S.C. 1001. Should this Agreement be investigated, Developer has the burden of proof to establish that it is in compliance.
- C. At Developer’s request, TxDOT may, but is not obligated to, seek a waiver of Buy America requirements if grounds for the waiver exist. However, Developer certifies that it will comply with the applicable Buy America requirements if a waiver of those requirements is not available or not pursued by TxDOT.

<b>DEVELOPER</b>	Blueridge Transportation Group, LLC
<b>SIGNATURE</b>	
<b>NAME (printed or typed)</b>	Nuria Haltiwanger
<b>TITLE</b>	Authorized Representative
<b>DATE</b>	March 4, 2016

**ATTACHMENT 8 TO EXHIBIT 12**  
**2004 SPECIFICATIONS**  
**SPECIAL PROVISION**  
**000—009**

**Certification of Nondiscrimination in Employment**

By signing this proposal, the bidder certifies that he has participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, or if he has not participated in a previous contract of this type, or if he has had previous contract or subcontracts and has not filed, he will file with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b)(1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b)(1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

**ATTACHMENT 9 TO EXHIBIT 12  
SPECIAL PROVISION**

**On-the-Job Training Program for  
Design-Build and Comprehensive Development Agreement Projects**

This training special provision is the Department’s implementation of 23 U.S.C. § 140 (a). The primary objective of this provision is to train and upgrade minorities and women toward journey worker status. This training commitment is not intended and shall not be used to discriminate against any applicant for training, whether a member of a minority group or not.

As part of Developer’s equal employment opportunity affirmative action program, training shall be provided as follows:

1. Developer shall ensure that on-the-job training (OJT) aimed at developing full journey worker status in the type of trade or job classification involved is provided.
2. The Department has assigned a project-specific trainee goal in accordance with the following guidelines as set forth in 23 C.F.R. §230.111:
  - 1) Dollar value of the construction services contract;
  - 2) Duration of the construction work activity;
  - 3) Geographic location;
  - 4) Availability of minorities, women, and disadvantaged for training;
  - 5) The potential for effective training;
  - 6) Type of work;
  - 7) Total normal work force that the average proposer could be expected to use;
  - 8) The need for additional journeymen in the area;
  - 9) Recognition of the suggested minimum goal for the State; and
  - 10) A satisfactory ratio of trainees to journeymen expected to be on Developer’s work force during normal operations.

<b>Construction Cost Estimate</b>		
<b>From</b>	<b>To</b>	<b>Trainees</b>
\$0	\$9,999,999.99	0
\$10,000,000	\$19,999,999.99	1
\$20,000,000	\$39,999,999.99	2
\$40,000,000	\$59,999,999.99	3
\$60,000,000	\$79,999,999.99	4
\$80,000,000	\$99,999,999.99	5
\$100,000,000	\$119,999,999.99	6
Thereafter for each increment of \$20 million, goal is increased by one trainee		

3. The OJT program trainee goal for this project is 41 trainees.
4. Developer will have fulfilled its responsibilities under this provision when acceptable training has been provided to the number of trainees assigned to this project.



5. In the event that a Developer subcontracts a portion of the contract work, it shall determine if any of the trainees are to be trained by the subcontractor. Developer should insure that this training special provision is made applicable to such subcontract. However, Developer shall retain the primary responsibility for meeting the training requirements imposed by this special provision.
6. Developer shall make every effort to ensure minorities and women are enrolled and trained in the program. Developer shall conduct systematic and direct recruitment through public and private sources likely to yield minority and women trainees to the extent that such persons are available within a reasonable area of recruitment.
7. It is the intention of this provision that training is to be provided in the construction crafts. Training is permissible in lower level management positions such as office engineers, estimators, timekeepers, etc., where the training is oriented toward construction applications. Some offsite training is permissible as long as the training is an integral part of an approved training program and does not comprise a significant part of the overall training.
8. The Department and the Federal Highway Administration (FHWA) shall approve a training program if it meets the equal employment opportunity obligations of Developer and aims to train and upgrade employees to journey worker status.
9. The Department's OJT Program has been designed to ensure that the trainee consistently receives the level and quality of training necessary to perform as a journey worker in his/her respective skilled trade classification. Standard training programs for each skilled construction trade classification are located in the OJT program manual.
10. Apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau, or training programs approved but not necessarily sponsored by the U.S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training shall also be considered acceptable provided the program is being administered in a manner consistent with the equal employment obligations of Federal-aid highway construction contracts.
11. The number of trainees shall be distributed among the work classifications on the basis of Developer's needs and the availability of journey worker in the various classifications.
12. No employee shall be employed as a trainee in any classification in which he or she has successfully completed a training course leading to journey worker status or in which he or she has been employed as a journey worker. Developer may satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, Developer's records should document the findings in each case.

13. At or before contract execution, Developer must submit the Contractor OJT Plan form to the Department's Office of Civil Rights (OCR). The plan shall specify how Developer intends to satisfy its goal by including the following information: the type of apprentice or training program, number of trainees, type of training, and length of training.
14. The trainee(s) shall begin training on the project after start of work and remain on the project as long as training opportunities exist or until the training is completed.
15. The trainees will be paid at minimum, 60% of the appropriate journey worker's rate specified in the contract for the first half of the training period, 75% for the third quarter of the training period, and 90 percent for the last quarter of the training period. However, if the apprentices or trainees are enrolled in another program approved by the Department of Labor or other agency, such appropriate rates shall apply.
16. The OCR must approve all proposed apprentices and trainees before training begins. Developer must submit the Federal OJT Enrollment Form in order for training to be counted toward the project goal and be eligible for reimbursement. Developer shall provide each trainee with a copy of the training program he or she will follow.
17. On a monthly basis, Developer shall submit the Federal OJT Monthly Reporting Form to the Department's Strategic Projects office(s) and the OCR. The monthly reporting form will include the number of hours trained and training status. If a trainee is terminated, Developer is required to make a good faith effort to replace the trainee within 30 calendar days of the termination.
18. Developer shall provide each trainee with a certification showing the type and length of training satisfactorily completed.
19. If requested, Developer may be reimbursed 80 cents per hour of training for each trainee working on this project and whose participation towards the OJT project goal has been approved.

This reimbursement will be made regardless whether Developer receives additional training program funds from other sources, provided such other program requirements do not specifically prohibit Developer from receiving other reimbursement. Reimbursement for offsite training indicated above may only be made to Developer if the trainees are concurrently employed on a federal-aid project and when Developer contributes to the cost of the training, or provides the instruction to the trainee, or pays the trainee's wages during the offsite training period.

No payment shall be made to Developer if either the failure to provide the required training or the failure to hire the trainee as a journeyman is caused by Developer and evidences a lack of good faith on the part of Developer in meeting the requirements of this Training Special Provision.

20. Detailed program reporting requirements and procedures, reporting forms, and the list of approved training classifications are found in the OJT program manual, which can be obtained upon request by contacting the OCR.

**ATTACHMENT 10 TO EXHIBIT 12**

**2004 Specifications**

**Required for all construction and  
maintenance projects starting with June 2013 letting**

**SPECIAL PROVISION  
000—2711  
Important Notice to Contractors**

By the 20th day of each month, report to the Engineer the number of incidents and injuries that occurred on the project the previous month. Report:

- the total number of incidents and injuries for the contractor and all subcontractors, and
- the number of contractor and subcontractor related incidents and injuries that involved a third party.

An “incident” is defined as any work-related occurrence that had the potential to cause bodily harm but caused only damage to vehicles, equipment, materials, etc.

An “injury” is defined as an OSHA recordable injury.

Use the form prescribed by the Department for submitting this information. Failure to submit this information to the Engineer by the 20th day of each month will result in the Department taking actions including but not limited to withholding estimates and suspending the work. This reporting will not be paid for directly but will be considered subsidiary to items of the Contract.

**EXHIBIT 13**  
**DISADVANTAGED BUSINESS ENTERPRISE (DBE) SPECIAL PROVISIONS**  
**FOR NON-TRADITIONAL CONTRACTS**

**Disadvantaged Business Enterprise in Federal-Aid Construction for Non-Traditional Contracts**

**Description.** The purpose of this Special Provision is to carry out the U. S. Department of Transportation's (DOT) policy of ensuring nondiscrimination in the award and administration of DOT assisted contracts and creating a level playing field on which firms owned and controlled by individuals who are determined to be socially and economically disadvantaged can compete fairly for DOT assisted contracts. If the Disadvantaged Business Enterprise (DBE) goal for this Agreement is greater than zero, Article A, "Disadvantaged Business Enterprise in Federal-Aid Construction", of this Special Provision shall apply to this Agreement. If there is no DBE goal, Article B, "Race-Neutral DBE Participation", of this Special Provision shall apply to this Agreement.

**Article A. Disadvantaged Business Enterprise in Federal-Aid Construction for Non-Traditional Contracts.**

**1. Policy.** In the performance of this Agreement Developer shall comply with 49 CFR Part 26, the Department's DBE Program, and 43 Texas Administration Code (TAC), Chapter 9, Sections 9.200 – 9.242, as amended. For a conflict between the language of this Special Provision and 49 CFR Part 26, the Department's DBE Program, or 43 Texas Administration Code, Chapter 9, Sections 9.200 – 9.242, as amended, 49 CFR Part 26, the Department's DBE Program, or 43 TAC, Chapter 9, Sections 9.200 – 9.242 as applicable, shall control.

a. Developer, its Contractor and subcontractors must meet the DBE goal set out in the Agreement by obtaining commitments from eligible DBEs or Developer must show acceptable evidence of Good Faith Efforts to meet the DBE goal.

b. Developer shall solicit DBEs through reasonable and available means.

c. Developer, Contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Agreement. Developer shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by Developer to carry out these requirements is a material breach of this Agreement, that may result in the termination of this Agreement or such other remedy as the recipient deems appropriate.

d. Developer will include this Special Provision in all Contracts entered into by Developer. Developer will also require any Contractor to include this Special Provision in any Contract that the Contractor enters into under this Agreement.

e. By signing this Agreement Developer certifies that the DBE goal as stated in the Agreement will be met by obtaining commitments from eligible DBEs or that Developer will provide acceptable evidence of good faith effort to meet the commitment within the time frame set out below.

**2. Definitions.** The definition for terms used in this Provision can be found in Exhibit 1 of this Agreement, 49 CFR, Part 26 or 43 TAC §9.202, Definitions. Terms not defined in Exhibit 1 of this Agreement, 49 CFR, Part 26, or 43 TAC §9.202 will for the purpose of this Special Provision be defined by the term's common usage.

**3. Developer's Responsibilities.** These requirements must be satisfied by Developer. Failure of Developer to meet these requirements may result in the issuance of Sanctions by the Department.

a. Developer shall, in consultation with the Department, develop and submit a DBE Performance Plan describing the methods to be employed for achieving TxDOT's DBE participation goals for the Agreement, including Developer's exercise of good faith efforts. The selected Developer's DBE Performance Plan is subject to TxDOT review, comment and approval prior to execution of the Agreement. Each DBE Performance Plan must at a minimum include the following: specific categories of services and work anticipated for DBE participation on the project; schedule for submission of DBE commitment agreements based on Developer's initial project schedule; good faith efforts performed to date; good faith efforts that will be exercised by Developer following execution of the Agreement to achieve the DBE participation goal for the project; and the name, qualifications, responsibilities and contact information for the DBE liaison officer. Developer shall also submit the completed Non-Traditional Contract form for the applicable type of commitment for each DBE that will be used to satisfy the DBE goal, to the extent known at the date of submission of the DBE Performance Plan. The DBE Performance Plan must be submitted to the Department not later than 5:00 p.m. on the 30th business day, excluding national holidays, after the conditional award of this Agreement. The DBE Performance Plan is subject to review, comment and approval by the Department prior to and as a condition of execution of the Agreement.

b. Should Developer to whom the Agreement is conditionally awarded refuse, neglect or fail to submit an acceptable DBE Performance Plan, the proposal guaranty filed with the bid shall become the property of the state, not as a penalty, but as liquidated damages to the Department.

c. Developer shall designate a DBE liaison officer who will administer Developer's DBE program and who will be responsible for all aspects of Developer's DBE program including maintaining all records and all reporting and correspondence with the Department on DBE issues.

d. A Developer who cannot meet the Agreement goal, in whole or in part, shall make adequate good faith efforts to obtain DBE participation as so stated and defined in 49 CFR Part 26, Appendix A.

e. Developer and Contractors shall not terminate a DBE without written consent of the Department. Developer must comply with 49 CFR §26 and 43 TAC §9.229, DBE Substitution and Termination, prior to terminating or substituting a DBE. This includes written notification to the DBE and the Department and providing the DBE five days in which to respond to Developer's or Contractor's reasons for the termination. The Department will not consent to the termination or substitution if Developer or Contractor cannot demonstrate that the provisions of 49 CFR §26.53 and 43 TAC §9.229, DBE Substitutions and Terminations, have been followed. Terminating a DBE without Department approval is a violation of this Special Provision and can lead to Sanctions.

f. If the Department approves the termination of the DBE Contractor, Developer or Contractor shall make a good faith effort to replace the terminated DBE Contractor with another DBE, to the extent needed to meet the Agreement goal. Developer shall submit the applicable Non-Traditional Contract commitment form for the substitute DBE firm(s). Developer may not be allowed to count work on those items being substituted toward the DBE goal prior to approval of the substitution from the Department.

#### **4. Eligibility of DBEs.**

a. The Department maintains the Texas Unified Certification Program DBE Directory containing the names of firms that have been certified to be eligible to participate as DBE's on DOT financially assisted contracts. This Directory is available from the Department's OCR Office. An update of the Directory can be found on the Internet at <http://www.txdot.gov>.

b. Only DBE firms certified at the time the commitments are submitted are eligible to be included in the information furnished by Developer as required under this Special Provision.

c. For purposes of the DBE goal on this project, DBEs are only allowed to perform work in the categories of work for which they are certified.

d. Only DBE firms certified at the time of execution of a Contract or subcontract are eligible for DBE goal participation.

#### **5. Determination of DBE Participation.**

When a DBE participates in a Contract, only the values of the work actually performed by the DBE, as detailed in 49 CFR §26.55, 43 TAC §9.231, Computing Work Performed by a DBE, 43 TAC §9.232, Commercially Useful Function, 43 TAC §9.233, Commercially Useful Function by DBE Trucking Firm, and 43 TAC §9.234, Counting Materials or Supplies Provided by DBE Manufacturer or Regular Dealer, shall be counted by Developer toward the DBE goal.

#### **6. Records and Reports.**

a. Developer shall submit monthly reports, after work begins, on payments to all Contractors both DBE and non-DBE. These reports will be due within 15 days after the end of each calendar month. These reports will be required until all DBE Contracting or material supply activity is completed.

b. Developer shall submit a final summary report of DBE payments upon completion of the project. Developer will not receive final payment until this final report has been received and approved by the Department. If the DBE goal requirement is not met, documentation supporting Good Faith Efforts must be submitted.

c. The Department may verify the amounts being reported as paid to DBEs by requesting copies of cancelled checks paid to DBEs on a random basis. Cancelled checks and invoices should reference the Department's project number.

d. Negative reports are required when no activity has occurred in a monthly period.

e. Developer shall provide copies of Contracts or agreements and other documentation upon request.

f. Developer must provide a certification of prompt payment, the Prompt Payment Certification Form 2177, to certify that all Contractors and Suppliers were paid from the previous month's payments and retainage was released for those whose work is complete. A completed Prompt Payment Certification Form 2177 must be submitted each month and the month following the month when final acceptance occurred at the end of the project.

g. A copy of all reports submitted to the department and all supporting documentation must be retained for a period of 3 years following completion of the Contract work, and shall be available at reasonable times and places for inspection by authorized representatives of the Department or the DOT.

## 7. Compliance of Developer.

a. To ensure that DBE requirements of this DOT assisted contract are complied with, the Department will monitor Developer's efforts to involve DBEs during the performance of this Agreement. This will be accomplished by a review of monthly reports submitted to the Department by Developer indicating Developer's progress in achieving the DBE contract goal, and by compliance reviews conducted on the project site by the Department.

b. Developer shall receive credit toward the DBE goal based on actual payments to the DBE Contractor. Developer shall notify the Department if Developer withholds or reduces payment to any DBE Contractor. Developer shall submit an affidavit detailing the DBE Contract payments prior to receiving final payment for this Agreement.

c. The Developer's failure to comply with the requirements of this Special Provision shall constitute a material breach of this Agreement. In such a case, the Department reserves the right to terminate this Agreement or seek sanctions under 43 TAC §9.237, Determination of Noncompliance; Sanctions.

**Article B. Race-Neutral Disadvantaged Business Enterprise Participation.** It is the policy of the DOT that Disadvantaged Business Enterprises (DBE) as defined in 49 CFR Part 26 Subpart A, be given the opportunity to compete fairly for Contracts and subcontracts financed in whole or in part with Federal funds and that a maximum feasible portion of the Department's overall DBE goal be met using race-neutral means. Consequently, if there is no DBE goal, the DBE requirements of 49 CFR Part 26, apply to this Agreement as follows:

1. Developer will offer DBEs as defined in 49 CFR Part 26, Subpart A, the opportunity to compete fairly for Contracts and Subcontractors financed in whole or in part with Federal funds. Race-Neutral DBE and non-DBE HUB participation on projects with no DBE goal shall be reported to the Department each month and at project completion. Payments to DBEs reported on Form SMS.4903 are subject to the requirements of Article A.5, "Determination of DBE Participation."

2. Developer, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Agreement. Developer shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by Developer to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy as the recipient deems appropriate.

**EXHIBIT 14**  
**DEVELOPER'S DBE PERFORMANCE PLAN**



Exhibit 14  
Disadvantaged Business Enterprise (DBE)  
Performance Plan  
  
Texas Department of Transportation  
Comprehensive Development Agreement  
  
State Highway 288 Toll Lanes Project



by

Blue Ridge Transportation Group

July 30, 2015



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## Preface

This DBE Performance Plan, together with appendices, is submitted as an individual Disadvantaged Business Enterprise (DBE) Plan to describe the approach of Blueridge Transportation Group (BTG or the Developer) through Alameda-Genoa Constructors (A-GC JV or the Design-Build Contractor) to meet the required DBE participation goals for the design and construction work. The intent of this plan is to address the applicable requirements in TxDOT's Disadvantaged Business Enterprise (DBE) Program adopted pursuant to 49 CFR Part 26, 43 Texas Administrative Code (TAC), Chapter 9, Sections 9.200 - 9.242, Instruction to Proposers (ITP) Section 6.1.2 published by Texas Department of Transportation (TxDOT), Comprehensive Development Agreement (CDA or the Contract) Section 23.10, and SH 288 Toll Lanes Project in Harris County, Addendum #10 to Request for Proposals dated January 21, 2015.

This plan includes a system of procedures that will document adjustments and maintenance of the DBE participation schedule, achievement of the Project's DBE goal and utilization of DBE firms.

## Goal

The goal for DBE participation in the Work required under this Agreement for design and construction of the Project shall be twelve percent (12%). This percentage goal is established to reflect A-GC JV's good faith effort to employ Disadvantaged Business Enterprises (DBEs) whenever possible in accordance with the regulations of the U.S. Department of Transportation (USDOT), 49 CFR Part 26.

### **Enforcement actions which apply to firms participating in the DBE program (CFR §26.107):**

(a) If you are a firm that does not meet the eligibility criteria of subpart D of this part and that attempts to participate in a DOT-assisted program as a DBE on the basis of false, fraudulent, or deceitful statements or representations or under circumstances indicating a serious lack of business integrity or honesty, the Department may initiate suspension or debarment proceedings against you under 2 CFR parts 180 and 1200.

(b) If you are a firm that, in order to meet DBE contract goals or other DBE program requirements, uses or attempts to use, on the basis of false, fraudulent or deceitful statements or representations or under circumstances indicating a serious lack of business integrity or honesty, another firm that does not meet the eligibility criteria of subpart D of this part, the Department may initiate suspension or debarment proceedings against you under 2 CFR parts 180 and 1200.

(c) In a suspension or debarment proceeding brought under paragraph (a) or (b) of this section, the concerned operating administration may consider the fact that a purported DBE has been certified by a recipient. Such certification does not preclude the Department from determining that the purported DBE, or another firm that has used or attempted to use it to meet DBE goals, should be suspended or debarred.



(d) The Department may take enforcement action under 49 CFR Part 31, Program Fraud and Civil Remedies, against any participant in the DBE program whose conduct is subject to such action under 49 CFR part 31.

(e) The Department may refer to the Department of Justice, for prosecution under 18 U.S.C. 1001 or other applicable provisions of law, any person who makes a false or fraudulent statement in connection with participation of a DBE in any DOT-assisted program or otherwise violates applicable Federal statutes.

## 1. Introduction

The objective of this document is to describe the approach to meet the required goals and objectives regarding the utilization of Disadvantaged Business Enterprise (DBE) firms for the SH 288 Toll Lanes Design-Build Project.

## 2. Scope

This document addresses the utilization of Disadvantaged Business Enterprises (DBEs) under the Federal Regulations (49 CFR Part 26, as currently revised) and outlines the approach for identifying, soliciting, documenting communications, and selecting DBEs for contract and subcontract opportunities on the SH 288 Toll Lanes Design-Build Project. In addition to the utilization of DBE firms, this document outlines the following:

- Methods to achieve the DBE participation goals or demonstrate good faith efforts.
- Methods to comply with DBE Program.
- Cross references to parts of the Project Management Plan identifying the approach to maximize participation through Final Acceptance.
- Project personnel and their roles and responsibilities.
- Approach for contracting with and managing subcontractors.
- DBE outreach program to encourage participation.
- Framework for identifying and training DBE firms.
- Reporting requirements to the Department regarding DBE participation.
- Regular updates on the progress in meeting DBE requirements. Required tracking efforts/corrective actions and how they will be met.
- Specific categories of services and work anticipated for DBE participation on the project.
- Schedule for submission of DBE commitment agreements based on A-GC JV's initial project schedule.
- Good faith efforts performed to date.

## 3. Terms and Abbreviations

- Affirmative Action (AA)
- Alameda-Genoa Constructors Joint Venture comprised of Dragados USA, Inc.; Pulice Construction, Inc.; and Shikun & Binui America Inc. (A-GC JV or the Design-Build Contractor)
- Blueridge Transportation Group (BTG or Developer)
- Commercially Useful Function (CUF)
- Disadvantaged Business Enterprise (DBE)
- Federal Highway Administration (FHWA)
- Good Faith Efforts (GFE)

- North American Industry Classification System (NAICS)
- Texas Department of Transportation (TxDOT or Owner)
- Standard Form (SF)

#### 4. References

*Federal Regulations 49 CFR Part 26 (as amended March 2015)*

*FHWA Form 1273: REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS*

*TxDOT ITP Section 6.1.2 and CDA Section 23.10, SH 288 Toll Lanes Project in Harris County, Addendum #10 to Request for Proposals (January 21, 2015)*

*TxDOT's Contract / TxDOT SH 288 Toll Lanes Project Scope / Comprehensive Development Agreement*

*TxDOT's Project Management Plan Requirement*

*Blueridge Transportation Group's Technical Proposal*

#### 5. DBE Utilization Plan Policy

BTG and A-GC JV are committed to the participation of DBEs in subcontracting and supplier opportunities in accordance with Code of Federal Regulations 49 CFR Part 26, TxDOT and the Contract. The Design-Build Contractor shall take all necessary and commercially reasonable steps to ensure that Disadvantaged Business Enterprises (DBEs) have the maximum opportunity to participate in the performance of this Contract. In accordance with Good Faith Effort (GFE) provisions as defined in 49 CFR Part 26, Appendix A (Guidance Concerning GFE), A-GC JV will document and file all efforts exerted to achieve the DBE participation goal established for the Project. All documents and records shall be organized in a file system for review and reporting and maintained for the duration of the Project. The DBE liaison officer will seek to maximize DBE firm participation by soliciting opportunities to provide document control services, archiving and reporting through final acceptance as detailed in the Project Management Plan.

It is the policy of BTG, and subsequently A-GC JV, to ensure nondiscrimination on the basis of race, color, sex, religion or national origin in the award and administration of contracts and subcontracts on this project. It is our intent to create a level playing field where DBEs can compete fairly and be awarded contracts to supply materials and equipment, provide consulting services or perform as subcontractors in the field. Some modifications to the Contract may increase the total value paid to Design-Build Contractor but not provide any additional opportunities to increase DBE participation; to that end, A-GC JV will evaluate all contract amendments on a case-by-case basis to evaluate the potential impact on DBE participation.

### 5.1. Labor Standards

In the performance of its obligations under the CDA Documents, A-GC JV at all times shall comply, and require by contract that all Contractors and vendors comply, with all applicable federal and State labor, occupational safety and health laws and federal and State orders.

## 6. DBE Program

DBE provisions require that contractors and subcontractors performing work on TxDOT federally-funded projects shall adhere to the following:

### 6.1 Nondiscrimination

Pursuant to 49 CFR Part 26.7, A-GC JV and its sub-recipients shall not exclude any person from participation in, deny any person the benefits of, otherwise discriminate against anyone in connection with the award and performance of any contract covered by 49 CFR Part 26 on the basis of race, color, sex, or national origin.

In the administration of its DBE program, A-GC JV and its subrecipients shall not, directly or through contractual or other arrangements, use criteria or methods of administration that have the effect of defeating or substantially impairing accomplishment of the objectives of the DBE program with respect to individuals of a particular race, color, sex, religion or national origin.

### 6.2 Lead Contractor Responsibilities

As the Lead Contractor for a USDOT assisted project, A-GC JV, as the Design-Build Contractor to BTG, is required to implement and administer a DBE program according to the requirements described in 49 CFR Part 26 for the entire duration of the project. In addition to being responsible for our own compliance to these regulations A-GC JV is also responsible for the compliance of our primary and lower tier subcontractors and suppliers.

A-GC JV, prior to awarding subcontracts or purchase order agreements, will educate DBEs on the contractual requirements, federal requirements, prevailing wages, safety and environmental requirements during pre-job meetings and targeted scope engagement meetings. At the time of executing subcontract or purchase order agreements, A-GC JV will discuss and review all requirements and documentation necessary with subcontractors and suppliers to ensure that DBEs fully understand that these provisions are conditions to counting their work towards the DBE goal. A-GC JV shall ensure that following declarations are inserted in all Subcontractor and Supplier agreements:

- Under the provisions of the Comprehensive Development Agreement, A-GC JV is required to meet the specified Disadvantaged Business Enterprise ("DBE") participation in accordance with 49 CFR Part 26. Subcontractor acknowledges that all, or a portion of, the dollar amount of this Agreement may be used by A-GC JV to meet the specified DBE goal. Subcontractor certifies that it will perform its Work in full compliance will all Legal Requirements regarding the use,



performance and participation of DBEs and that it be fully responsible for all DBE lower tier subcontractors or subconsultants. Subcontractor warrants that if it subcontracts any Work to lower tier subcontractor or subconsultant, that the lower tier subcontractor or subconsultant will be certified as a DBE under the Owner's program.

- In the event that Subcontractor or any of its lower tier subcontractors or subconsultants are certified DBEs, Subcontractor agrees all certified DBEs will perform a "commercially useful function" as defined in 49 CFR § 26.55, in connection with the Work covered by this Agreement. In doing so, Subcontractor agrees that it and/or its lower tier subcontractors or subconsultants will be responsible for and will actually perform, manage and supervise the Work covered by this Agreement. If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own forces, or the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, A-GC JV must presume that it is not performing a commercially useful function.
- Subcontractor agrees to prepare and submit all lower tier subcontracts and material contracts to A-GC JV for approval. A-GC JV reserves the right to review and reject any and all sub-subcontract or sub-subconsultant agreements, purchase orders, equipment leases and/or use of other Subcontractor personnel entered into between Subcontractor and third parties that do not conform or comply with the provisions of this section, the terms of the Comprehensive Development Agreement, the CDA Documents or the requirements of the Owner or any Legal Requirements. Neither the approval of nor the failure on the part of A-GC JV to reject such arrangements shall relieve the Subcontractor of any of its obligations under this Agreement.
- If Subcontractor intends to subcontract any portion of the Work, either prior to or after award of the Agreement, it shall advise A-GC JV and ask for A-GC JV's approval prior to any Work being performed. Subcontractor shall provide to A-GC JV, on a monthly basis, documentation and a certification substantiating any Work, labor or services performed or material or equipment provided by any lower tier Subcontract, supplier, trucker, etc. Such documentation shall include, but not be limited to, agreements, purchase orders, invoices, and proof of payments shall be a material condition of this Agreement. Subcontractor agrees to include this section in all of its subcontracts, subconsultant agreements, purchase orders and/or vendor agreements.

### 6.3 DBE Personnel

A-GC JV shall designate a DBE liaison officer who will administer BTG's DBE program and who will be responsible for all aspects of BTG's DBE program including maintaining all records and all reporting and correspondence with the Department on DBE issues. The DBE Liaison Officer will be responsible for working with the Project Executives, Commercial Department and Estimating Department to provide internal oversight for the implementation and monitoring of A-GC JV's DBE Utilization Plan in accordance with the contractual requirements, technical proposal, and this guidance manual. The DBE Liaison Officer shall have overall responsibility for providing oversight, managing, and reporting on

achievement of the DBE Goals, reviewing and communicating subcontracting opportunities, designing and implementing business development and supportive services activities for all tiers, training DBEs, and ensuring compliance with the non-discrimination, affirmative action, and employment opportunity provisions.

### 6.3.1 Outreach to the DBE Community

The A-GC JV DBE Liaison Officer will work to become familiar with the DBE community in the area to specifically communicate employment opportunities, including consulting opportunities, contracting opportunities, and materials supply opportunities. They shall have experience with the DBE program and dealing with DBE eligibility and certification issues. They shall develop innovative and aggressive strategies to attract and retain a diverse pool of vendors, consultants, Contractors, and Suppliers for the Project's procurement opportunities, and to recruit potential DBEs eligible for certification. A-GC JV shall report outreach progress and results at least quarterly to BTG. The DBE Liaison Officer shall track and report all DBEs recruited or solicited for each procurement opportunity issued by A-GC JV. The DBE Liaison Officer shall coordinate all outreach activities with the Department's staff and/or consultants. The DBE Liaison Officer shall be qualified to provide oversight and participate in DBE outreach and verify the accuracy of the overall compliance monitoring and reporting for the DBE program goals.

#### PRIMARY RESPONSIBILITIES:

- Coordinating with Purchasing personnel and the DBE Liaison Officer to identify certified, capable and available DBE firms to participate on the Project as subcontractors and vendors using the appropriate Texas Unified Certification Program (TUCP) directory of certified firms maintained by the State of Texas as the primary source to solicit DBEs.
- Placing advertisements online, in newspapers, targeted trade journals and other small business publications advising the minority subcontracting/supplier community of the opportunities to bid on the various scopes of work for the duration of the Project.
- Advising, on a regular basis, the certifying agency of any/all DBE firms whose contact information is incorrect or who could not be contacted by A-GC JV for bid solicitations.
- Vetting subcontractors and vendors by considering available information from various sources pertaining to past business and performance practices, including, but not limited to, integrity issues, investigations and compliance with the applicable rules and regulations, DBE certification, and consulting the State of Texas' excluded parties list of debarred or suspended firms or individuals.
- Developing and maintaining a central repository for DBE Program documents and records relating to DBE participation.
- Keeping current with DBE best practices and representing A-GC JV in commercial networking events and forums in an effort to increase DBE participation.
- Interfacing with Purchasing and Management in the development of the proposed project specific DBE utilization plans consistent with contract requirements and the appropriate rules and regulations.



- Meeting with project field personnel to discuss the DBE utilization plans and the applicable rules and regulations related to DBE participation at the Project.
- Monitoring DBE goals established by TxDOT for the entire life of the project. This includes meeting with the project field personnel to review DBE requirements of the contract, monitoring DBE participation in the field, provide training to all personnel participating on the Project, and to monitor the DBE performance at the project either by personal observation, by review of project documentation, and by performance of CUF evaluations.
- Responding to all applicable questions and concerns relating to a project’s DBE requirements in a timely manner.
- Providing a revised DBE Utilization Plan to the Project Manager, field personnel, and/or the applicable TxDOT personnel and preparing and submitting consistent DBE participation reports to the agency in accordance with the contract requirements.
- Alerting the Project Manager, Legal and Compliance Department of any issues or concerns regarding performance by a DBE subcontractor or vendor, particularly if the project field personnel believes that the firm may be terminated or replaced, if the situation to perform all or a portion of the designated DBE firm’s work, or anyone other than the DBE firm appears to be performing the work, negating the DBEs ability to perform a CUF.
- Interfacing with appropriate agency personnel to seek their guidance, input, and suggestions regarding DBE participation on the Project.
- Developing, coordinating and conducting, as appropriate, Company-wide or Project-specific training regarding the DBE Program for Project employees and DBEs.

Good faith efforts performed to date by members of the A-GC JV Team:

Date	Event	Location
May 2014	SH 288 Outreach to DBE Community	Houston, Texas
January 2015	Southeast Texas DBE projects outreach	San Antonio, Texas
January 2015	Southeast Texas DBE projects outreach	Corpus Christi, Texas
February 2015	Southeast Texas DBE projects outreach	San Antonio, Texas

The meetings that A-GC JV held were all DBE sub and supplier outreach meetings based on a list of companies that A-GC JV gathered from the TxDOT TUCP website. A-GC JV did a filter of who had either reached out to them in the past, who had done good and reputable work in the South Texas area, or other references from AGC or from other contractors and reached out to them directly. This list topped



out at around 450 people and/or companies. A-GC JV reached out to them with an initial email blast and then multiple follow ups reminding them of the upcoming meetings. A-GC JV did a preliminary review of the projects and then had tables set up with each major category represented where the vendors could go directly to the entity representing that task and talk to them directly. A-GC JV invited the vendors to supply them with scopes of work that they would be most interested in and let them know as packages come together they would let them know how to bid the work.

#### 6.4 DBE Utilization Contract Goal

The DBE Goal for the Project during the Construction Period shall be twelve percent (12%) of the Contract Amount (the “DBE Goal”) and A-GC JV shall use good faith efforts to meet the Goal. This goal shall remain in effect throughout the life of the contract.

Federally-assisted contracts have a single DBE goal. ***Only the single DBE goal applies to the project.***

#### 6.5 Identification of DBE Firms

The Estimating/Commercial Department and DBE Liaison Officer shall work collaboratively to ensure that DBEs have the maximum practical opportunity to participate in the performance of this Project. A-GC JV shall take all necessary and reasonable steps to ensure that DBEs have an equal opportunity to compete for and perform work including, but not limited to, the following:

##### 6.5.1 Public Advertisement

The DBE Liaison Officer shall research local newspapers where project service solicitations and advertisements may be posted. Leads for potential interested bidders responding to the advertisement shall be documented and logged as specified in Section 6.6 of this procedure. As detailed in the Project Management Plan, the DBE Liaison Officer will track and report DBEs that are solicited and awarded subcontracts to perform services outlined in our Communications and Public Information Plans.

A-GC JV anticipates the following schedule for initial subcontracting opportunities depending on CDA execution and financial closure:

- Fourth Quarter 2015, First Quarter 2016: Professional Services
- First Quarter to Third Quarter 2016: Subcontractors
- First Quarter to Third Quarter 2016: Materials & Suppliers

##### 6.5.2 Website / Database Search

All A-GC JV personnel shall research Texas Unified Certification Program (TUCP) DBE Directory to identify certified DBE firms. The North American Industry Classification System (NAICS) code classifies businesses by industry type.

Below is the internet website available for locating potential DBEs using NAICS numbers:



- Texas Unified Certification Program (TUCP) DBE and TxDOT SBE Directory - <https://txdot.txdotcms.com/FrontEnd/VendorSearchPublic.asp?TN=txdot&XID=5937>

### 6.5.3 Subcontractor and Supplier Certification

All interested bidders shall be DBE certified by TUCP appropriate certifying agencies. For purposes of the DBE goal on this project, DBEs are only allowed to perform work in the categories of work for which they are certified in the TUCP Directory. DBE firm certification status must be verified prior to approval of contract/subcontract agreement as specified in Section 6.5.2 of this procedure.

### 6.5.4 Associations / Local Resources

Contacting local associations, organizations and DBE supportive services programs can help in locating small business concerns with TUCP DBE certification. These centers can also provide information needed for developing an effective strategy for achieving the target goals. Utilization of local resource centers is one method to determine which DBE category goals are most difficult to obtain and where to locate firms in each category.

### 6.6 Logging and Tracking Communications with DBEs

All identified potential DBEs will be listed in A-GC JV's DBE Database. This database will be maintained up-to-date throughout the duration of the project and will reflect all communications with potential DBE subcontractors and vendors. Communications shall be tracked and documented in the database under the "Comments" column. Table 1 below provides an example of the minimal content to be inserted under each column of the "A-GC JV DBE Database."

**Table 1 - Fields for Completing the A-GC JV DBE Database**

COLUMN	DESCRIPTION OF CONTENT
NAICS	Primary applicable NAICS
Company Name	Company Name and/or DBA
DBE Status	Certified DBE
Business Description	Brief description of the capabilities of the firm
City, State, Zip	*
Contact Person	*
Phone	###-###-####
Fax	###-###-####
Email	*
Invitation to Bid Date	MM/DD/YYYY
Bidding (Y/N)	Yes or No

COLUMN	DESCRIPTION OF CONTENT
Comments1	Date tracking of all communications (written and spoken) and a summary of discussions.
Comments2	Communication #2
Comments3	Communication #3

\* Denotes items that are self-explanatory.

### 6.7 General Contract / Subcontract Solicitations

When soliciting for multiple or general activities and services, the Purchasing/Subcontract Manager shall send general solicitations to potential bidders. The DBE Liaison Officer shall provide information regarding the number of certified DBEs that shall be solicited for their interest in bidding on all scopes of work subcontracted by A-GC JV.

The following is an example of information which shall be included in the general solicitation:

- Major Work Items to be subcontracted
- PROJECT: XXXXX
- RFP No: XXXXX
- CONTACT: XXXXX
- DUE DATE & TIME: **Within X Days of Receipt**
- PHONE: XXXXX
- FAX: XXXXX
- EMAIL: XXXXX

The following information shall be requested from DBE firms:

- Company Name, Address, Phone, Fax, Contact Person and Email Address
- Whether the company is interested in bidding.
- What trade(s) or scope the company performs.
- Whether the company is DBE certified and specify NAICS codes

General solicitations shall be distributed by mail, fax or email to certified DBEs in the TUCP Directory to solicit interest for contracts/ subcontracts on the project. The dates for which the communications were distributed shall be documented as specified in Section 6.6 “Logging and Tracking Communications with Disadvantaged Businesses Enterprises” of this plan.

### 6.8 Solicitations

Soliciting for activities and services, the Purchasing Manager, with support from the DBE Liaison Officer, shall locate potential DBE vendors and subcontractors following the methods described in Section 6.5 of this guidance. The Purchasing Manager and DBE Liaison Officer shall ensure that the subcontractors are



certified and qualified to perform a commercially useful function under the subcontract. A-GC JV shall submit monthly reports after work begins, on payments to all Contractors both DBE and non-DBE.

### 6.9 Comparing Bid Information and Selection of Bidder

Once DBE consultants, subcontractors, and suppliers have shown interest in bidding the project the Purchasing Manager shall request a quotation for the activity or service. The Purchasing Manager, with assistance from the DBE Liaison Officer, will be responsible for checking and ensuring that DBE firms are certified to perform the services for which they are being solicited.

Upon receipt of the response for bid/quotation from the potential DBE subcontractors, the Purchasing Manager will develop a comparative schedule of bids. This schedule will be used for comparative purposes breaking down the line items into units or lump sum (where applicable) for the activities requested.

A-GC JV's Project Manager, Deputy Project Manager and the Purchasing Manager will decide the awardees based on factors such as price, past experience, business and performance practices, completeness of bid package, DBE certification, commercially useful function criteria, and analysis that the firm can meet the requirements detailed in the Safety and Quality Sections of the overall Project Management Plan. It is A-GC JV's responsibility to make a portion of work available to DBEs on this project. Where A-GC JV awards a subcontract to a non-DBE where DBE firms have submitted a bid, A-GC JV shall set forth the reasons why the DBE firm was not awarded the subcontract as part of our good faith efforts.

### 6.10 Follow-Up with DBEs Failing to Receive Subcontract Award

The Purchasing Manager and DBE Liaison Officer will make a good faith effort to assist the DBE firms by developing reasonable subcontract scopes while maintaining a competitive environment. The DBE firms that fail to receive a contract/subcontract award upon request may be debriefed by A-GC JV and provided explanation as to why the contract was not awarded. The process for selection of bidder and subcontract award may be explained to the DBE firm at that time.

### 6.11 Creating and Updating Subcontract Project Report

At the point where the subcontract has been fully executed with the DBE Firm, DBE reports shall be updated to reflect the applicable DBE categories that are valid for the each subcontract. If the subcontractor is certified with multiple NAICS codes, a separate subcontract amount shall be placed in each category where a DBE has a subcontract. In other words, a DBE firm performing as a contractor in one NAICS code and a subcontractor in another NAICS code under a separate contract shall be listed on the DBE reports as such.

Table 2 defines the content to be inserted under each column of the DBE Utilization Plan.

**Table 2 – Fields for Completing DBE Utilization Plan**

COLUMN	DESCRIPTION OF CONTENT
Contractor	Name of firm with hyperlink to the DBE Profile
NAICS Code	Business Description and Capacity
DBE CERT Status	Agency Certification Number
CERT EXPIRATION DATE	Expiration date for the DBE Certification (formatted to provide 45 day notice of expiration to DBE firm)
NAICS Code 1	Enter the Subcontract Amount in each column where the firm is certified and subcontracted scope
NAICS Code 2	
NAICS Code 3	
NAICS Code 4	
Comments	Any comments on subcontract amount or the firm, in general.

## 6.12 DBE Reports

- 6.12.1 A-GC JV shall submit monthly reports to TxDOT OCR, after work begins, on payments to all Contractors both DBE and non-DBE. These reports will be due within 15 days after the end of each calendar month. These reports will be required until all DBE Contracting or material supply activity is completed.
- 6.12.2 A-GC JV shall submit a final summary report of DBE payments upon completion of the project. If the DBE goal requirement is not met, documentation supporting Good Faith Efforts must be submitted.
- 6.12.3 The Department may verify the amounts being reported as paid to DBEs by requesting copies of cancelled checks paid to DBEs on a random basis. Cancelled checks and invoices should reference the Department’s project number.
- 6.12.4 Negative reports are required when no activity has occurred in a monthly period.
- 6.12.5 A-GC JV shall provide copies of Contracts or agreements and other documentation upon request.
- 6.12.6 A-GC JV must provide a certification of prompt payment, the Prompt Payment Certification Form 2177, to certify that all Contractors and Suppliers were paid from the previous month’s payments and retainage was released for those whose work is complete. A completed Prompt Payment Certification Form 2177 must be submitted each month and the month following the month when final acceptance occurred at the end of the project.

The information to be maintained by A-GC JV, at a minimum, shall include:

- The number of contracts awarded to DBEs;
- A description of the general categories of contracts awarded to DBEs;



- The dollar value of contracts awarded to DBEs;
- The percentage of the dollar value of all contracts awarded to DBEs; and
- An indication of whether and the extent of which the percentage met or exceeded the goal specified in the application.

### 6.13 Prompt Payment Provision

Pursuant to 49 CFR Part 26.29, and TxDOT Exhibit 13A, A-GC JV and its subrecipients shall ensure that the following clauses are placed in every USDOT-assisted contract:

“Developer agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract and/or agreement no later than ten (10) days from the receipt of each payment TxDOT. Developer agrees further to return retainage payments to each subcontractor within ten (10) days after the subcontractor’s work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the TxDOT. This clause covers both DBE and non-DBE contractors.”

### 6.14 DBE Compliance Training

A-GC JV shall provide training for field supervisors (project managers through field superintendents) and office staff regarding DBE compliance requirements and provisions such as, but not limited to, the following topics. DBE compliance training shall occur at least one (1) time annually.

- Commercial Useful Function
- Good Faith Efforts
- DBE Fraud
- Rules regarding DBE Truckers (see Appendix 6 for Special Provisions)
- Federal Regulations 49 CFR Part 26

A-GC JV will provide an opportunity for DBE professional service firms, subcontractors, and suppliers to attend trainings and workshops offered by A-GC JV by written notice of the time and date to ensure that they understand the DBE requirements and special provisions throughout the life of the Project.

## 7 DBE Good Faith Efforts

The DBE Liaison Officer shall maintain all records required to demonstrate that procedures have been adopted and followed to ensure that DBE firms receive a maximum opportunity to participate on the project and to demonstrate A-GC JV’s good faith efforts to achieve the DBE participation goal of 12% as set forth in the contract.

## 7.1 Examples Good Faith Efforts

In order to make a good faith effort, you must consider the quality, quantity, and intensity of the different kinds of efforts made to identify and solicit DBEs. The following is a list of the kinds of efforts, not intended to be an exhaustive list, to demonstrate a good faith effort:

- Efforts to secure participation by certified DBE firms for work that they are listed to perform that is in the contract. Only DBE firms certified by participating TUCP agencies and in the DBE Directory shall be used to fulfill the established goal on the project.
- Soliciting through all reasonable and available means (e.g., attendance at pre-bid meetings, advertising and/or written notices, sponsoring contractor forums and/or workshops) the interest of all certified DBEs who have the capability to perform the work of the contract. There should be evidence the A-GC JV advertised in general circulation, DBE trade associations and other minority-focused publications, concerning the subcontracting and supply opportunities. A-GC JV shall solicit this interest within sufficient time to allow DBEs to respond to the solicitation. A-GC JV shall determine with certainty if DBEs are interested by taking appropriate steps to follow-up on initial solicitations.
- A-GC JV shall, at a minimum, seek certified DBEs certified and willing to perform work on the project, located through their profile with TUCP Directory. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goal will be met. This includes, where appropriate, either breaking down operations within the contract or combining like or related operations in the contract into logistically and economically feasible units to facilitate DBE participation, even when A-GC JV might otherwise prefer to perform these work items with its own forces.
- Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation. There should be evidence that A-GC JV provided written notice to a reasonable number of specific DBEs identified from the TxDOT directory of certified DBE firms.
- Effectively using the services of DBE community organizations, associations, minority contractor groups, local, state, and federal minority business assistance offices, and other organizations identified by TxDOT and advocates for DBE businesses that provide assistance in the recruitment and placement of DBE firms.
- All bidders shall keep records of efforts to solicit and negotiate with DBEs, using the Solicitation Log/Bidder's List as a continuing record of pre- and post-award solicitation activity. When submitting a DBE Schedule of Utilization to TxDOT, A-GC JV shall attach the log, together with the supplemental efforts, as evidence of good faith efforts.  
Supplemental efforts may include, but is not limited to:
  - All envelopes of solicitation inquiries that were returned as undeliverable
  - Any quotations submitted by DBEs that are not included in the DBE Schedule of Utilization with an explanation for the Contractor's action in each case
- Promptly executing an agreement with DBE subcontractors/suppliers.

## Appendix A – Potential DBE Scopes of Work

### Professional Services

- Public Information and Outreach
- CPM Scheduling
- Geotechnical Instrumentation & Monitoring
- QA/QC Materials
- Environmental Inspections & Testing
- Survey & Layout

### Potential Scopes of Work

- Administrative Services (HR, Payroll, etc.)
- Aggregates
- Asphalt Paving
- Asphalt Prime & Tack Coat Box Culverts
- Clearing/Tree Grinding/Chipping
- Concrete Barrier Wall
- Concrete CIP Structures
- Concrete Curbs/Sidewalks
- Concrete Paving
- CPM Scheduling
- Demolition
- Directional Boring
- Drainage Systems/Underground Utilities
- Earthwork & Grading
- Electrical - Lighting, Signals & Communications
- Erosion Control
- Excavation Equipment (rental)
- Fabrication
- Fence and Guardrail
- Fuel Supply/Delivery
- Furniture
- Geotechnical Instrumentation & Monitoring
- Hazardous/Special Waste – Removal/Disposal/Remediation
- Heavy Lifting Equipment
- Industrial/Office Supplies
- Joints/Sealers Materials
- Landscaping
- Materials and Environmental Technologies
- Miscellaneous Metal
- Mobile Office
- MOT Materials
- Paint Material
- Painting
- Pavement Markings/Striping
- Pile Driving
- Pipe Pile Material
- Portable Toilets
- Public Information and Outreach
- QA/QC Mat'ls & Env. Inspections & Testing
- Ready-Mix Concrete
- Rebar Installation
- Rebar Supplier
- Reinforced Steel
- Saw Cutting
- Security
- Signage
- Steel Erection
- Subgrade Treatment
- Surface Preparation
- Survey & Layout
- Temporary Shoring/Soil Stabilization
- Trucking
- Underdrain and Underdrain Outlets
- Waterproofing & Caulking
- Welding

**EXHIBIT 15**  
**DEVELOPER'S JOB TRAINING AND SMALL BUSINESS OPPORTUNITY PLANS**

Exhibit 15A Developer's Job Training Plan

Exhibit 15B Developer's Small Business Opportunity Plan

**EXHIBIT 15A**  
**DEVELOPER'S JOB TRAINING PLAN**

Exhibit 15A  
On-The-Job Training Plan

Texas Department of Transportation  
Comprehensive Development Agreement

State Highway 288 Toll Lanes Project



by

Blueridge Transportation Group

July 30, 2015



# Exhibit 15

## On-The-Job Training Plan

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4-27-15	All	3





## Preface

This On-The-Job Training (OJT) Plan describes the requirements Blueridge Transportation Group (BTG or the Developer) through Alameda-Genoa Constructors (A-GC JV or the Design-Build Contractor) intends to meet with regards to the OJT goals for the design and construction work on the Project. This plan is based upon the Instructions to Proposers (ITP) Article 23 Contracting and Labor Practices, published by Texas Department of Transportation (TxDOT) Comprehensive Development Agreement (CDA or the Contract) Section 23.10, SH 288 Toll Lanes Project in Harris County, Addendum #10 to Request for Proposals dated January 21, 2015.

## Scope

This document addresses the approach to develop, conduct, and administer highway construction training on the SH 288 Toll Lanes Design-Build Project. This document outlines the following:

- Methods to achieve the OJT participation goals.
- Methods to comply with Federal and State laws.
- Cross references to parts of the Project Management Plan identifying the approach to maximize participation through Final Acceptance.
- Approach to develop and implement on-the-job training and apprentice programs.
- Employee and Employee outreach program to encourage participation.
- Framework for identifying qualified trainees and apprenticeships.
- Reporting requirements to TxDOT regarding OJT participation and certification.

## Terms and Abbreviations

- Blueridge Transportation Group (BTG or Developer)
- Equal Employment Opportunity (EEO)
- Department of Labor (DOL)
- Federal Highway Administration (FHWA)
- Texas Department of Transportation (TxDOT)
- On-the-Job Training Program (OJT)
- Alameda-Genoa Constructors Joint Venture - comprised of Dragados USA, Inc.; Pulice Construction, Inc.; and Shikun & Binui America Inc. (A-GC JV or the Design-Build Contractor)

## References

*23 Code of Federal Regulations section 230.111 Implementation of special requirements for the provision of on-the-job training.*

*TxDOT ITP Section 6.1.2 and CDA Section 23.10, SH 288 Toll Lanes Project in Harris County, Addendum #10 to Request for Proposals (January 21, 2015)*

*TxDOT's Contract / TxDOT SH 288 Toll Lanes Project Scope / Comprehensive Development Agreement  
Blueridge Transportation Group's Technical Proposal*

*TxDOT Form 2201: Federal On-the-Job Training Program Enrollment Form*

*TxDOT Form 2202: Federal On-the-Job Training Program Monthly Reporting Form*



## 1. Introduction

The objective of this document is to describe BTG’s approach to meet the goals and objectives regarding the training special provisions conducted in accordance with Texas Department of Transportation implementation of 23 U.S.C. § 140 (a). The primary objective of TxDOT’s OJT program is to train and upgrade minorities and women toward journey worker status. Therefore, BTG’s ultimate goal for the Design-Build Contractor’s OJT program on this Project is to offer equal opportunity for the training and advancement of minorities, women and disadvantaged persons toward the journey-level status within the highway construction trades. This training commitment is not intended and shall not be used to discriminate against any applicant for training, whether a member of a minority group or not.

## 2. On-The-Job Training

The A-GC JV is committed to actively recruiting, hiring, and training a qualified workforce providing uninterrupted labor to complete the Project on-time and within budget. TxDOT will identify the number of trainees to be included on this project. Where possible, dependent upon the needs of the job, A-GC JV will continue to train persons after the goal has been met. To do so, we will utilize the diverse labor resources throughout the State of Texas to locate and employ individuals interested in working on the Project.

The Design-Build Contractor’s OJT program will provide employees with hands on training to increase their knowledge and skill-set resulting in a more productive and efficient workforce. A-CG JV will partner with employment organizations and trade programs to recruit and train workforce candidates. Training will be focused on teaching the skills required to perform various job functions as well as other skills to gain employment and retention in the industry not only for this project but future opportunities. Some of the training areas the team has identified as relevant to the Project include the following:

- Heavy Equipment Operator
- Carpenter
- Cement Mason
- Iron Worker
- Laborer (Utility, etc.)
- Mechanic
- Operating Engineer
- Pipe layer
- Truck Driver
- Electrician

Each OJT candidate will begin with a two-week probationary period that will allow us to evaluate the candidate’s work habits and capabilities and also allow the candidate to experience the work requirements and job conditions. Upon satisfactory completion of the two-week period, the trainee will be officially enrolled in the OJT Program. The duration of the OJT programs will be specific to the position. The trainee will then be assigned to a knowledgeable employee who will direct, review and support the trainee. The Design-Build Contractor will hold hands-on training events at the Project site and off-site supplementary training when necessary. Our goal is to make our workforce stronger through the development, training and retention of long-term employees that continue to benefit to the local workforce, economy, and TxDOT through future projects.

### 2.1 Commitment to On-The-Job Training

To meet the objectives of this plan, the Design-Build Contractor and its subcontractors shall be committed to maximizing utilization under the OJT provisions that TxDOT created along with FHWA

to address the under-utilization of minority and female workers in the construction trades. A-GC JV may elect to accomplish training as part of the work of a subcontractor; however, A-GC JV will retain the responsibility for complying with the general provisions and requirements of On-The-Job Training. To that end, A-CG and its subcontractors will be guided by two main principles: (1) Affirmative Action Commitment - to be fair and impartial in all relations with persons while recruiting, hiring, and training a workforce that mirrors the community in the representation of skilled and craft laborers in all trades and levels and (2) Equal Employment Opportunity Commitment – to set forth results-oriented policies and commitments of good faith to attain fairness and equity in the administration of all employment practices such as recruiting, hiring, training, job assignments, and more.

## 2.2 Approach to Employment and Training

BTG believes that an effective approach to on-the-job training cannot be passive. The Design-Build Contractor is aggressive in both the identification and the elimination of inequitable policies, practices and procedures that could result in unlawful employment discrimination and the continued under-utilization of minority and female workers within our workforce. Our approach to employment education and training benefits everyone, at all levels, and fosters upward mobility and continued employment.

BTG ensures that the A-GC JV will utilize a comprehensive approach to inform, assist, educate and train individuals seeking employment. These steps are described as follows.

- ✓ **Inform:** Conduct consistent and direct recruitment through public and private sources most likely to yield minority and women trainees. Document the recruitment efforts and ensure there is no discrimination in the dissemination of information regarding program opportunities. Discuss OJT at outreach events and public meetings and talk directly with interested applicants. Advertise locally to inform individuals in the project area of the various work opportunities.
- ✓ **Assist:** Evaluate potential trainees and identify any obstacles that could impede their success in the OJT program. Continually monitor trainees to identify any social or economic issues that may cause obstacles for them by establishing an “open door” policy for early discussion.
- ✓ **Educate:** All OJT and apprenticeship programs will be of the Department of Labor industry standard for trade employees. Subsequently, for non-trade trainees, training and project personnel is provided to help foster and maintain a qualified, diverse workforce. On-site training is provided along with presentations that include, but are not limited to, New Employee Orientation, Tool Training, Equipment Training, Daily Tool Box Meetings, Safety Training, Environmental Training, Hazard Analysis Review, Hazmat Response Procedures, Emergency Protocol, and Standard Operating Procedures.
- ✓ **Train:** Qualified individuals are enrolled in a formal On-The-Job training program. The on-the-job training is intended to be primarily in apprenticeable trades and shall include all approved programs.

## 2.3 Approach to Employment and Training

All personnel who are engaged in direct recruitment for the project shall be knowledgeable regarding State and Federal procedures for recruiting, hiring and training skilled and craft labor workforce for this project.



BTG, through the A-GC JV, will make every effort to enroll minority groups and women trainees to the extent such persons are available. Representatives and community leaders will be actively solicited to refer qualified residents within the South Houston area. Current employees and applicants for employment will be made aware of the training programs available and their entrance requirements to foster additional recruiting. Program awareness will be created through advertising, attendance at job fairs, job postings, workforce centers, state employment commission, community organizations, various other media and word of mouth.

The Design-Build Contractor’s outreach and recruitment efforts include coordination and cooperation by various project personnel with local, State and national employee referral service programs. Recruiting will be from, but not limited to, the following sources: Current Employee Referrals; Local Trade Schools; Local High Schools; and meetings with small business programs firms and community organizations.

### 3. Trainee Goals

#### 3.1 project-specific trainee goal

TxDOT has assigned a project-specific trainee goal in accordance with the following guidelines as set forth in 23 C.F.R. §230.111:

- 1) Dollar value of the construction services contract;
- 2) Duration of the construction work activity;
- 3) Geographic location;
- 4) Availability of minorities, women, and disadvantaged for training;
- 5) The potential for effective training;
- 6) Type of work;
- 7) Total normal work force that the average proposer could be expected to use;
- 8) The need for additional journeymen in the area;
- 9) Recognition of the suggested minimum goal for the State; and
- 10) A satisfactory ratio of trainees to journeymen expected to be on the Design-Build Contractor’s work force during normal operations.

Construction Cost Estimate		
From	To	Trainees
\$0	\$9,999,999.99	0
\$10,000,000	\$19,999,999.99	1
\$20,000,000	\$39,999,999.99	2
\$40,000,000	\$59,999,999.99	3
\$60,000,000	\$79,999,999.99	4
\$80,000,000	\$99,999,999.99	5
\$100,000,000	\$119,999,999.99	6
Thereafter for each increment of \$20 million, goal is increased by one trainee		

The OJT program trainee goal for this project is [ TBD <sup>1</sup> ] trainees.

### 3.2 Measuring Plan Success

The Design-Build Contractor will have fulfilled its responsibilities under this provision when acceptable training has been provided to the number of trainees assigned to this project.

### 4. Subcontractor Performance

In the event that the Design-Build Contractor subcontracts a portion of the contract work, it shall determine if any of the trainees are to be trained by the subcontractor. The Design-Build Contractor should ensure that this training special provision is made applicable to such subcontract. However, the Design-Build Contractor shall retain the primary responsibility for meeting the training requirements imposed by this special provision.

### 5. Minorities and Women

The Design-Build Contractor shall make every effort to ensure minorities and women are enrolled and trained in the program. The Design-Build Contractor shall conduct systematic and direct recruitment through public and private sources likely to yield minority and women trainees to the extent that such persons are available within a reasonable area of recruitment.

### 6. Priority positions for training and mentoring

It is the intention of this provision that training is to be provided in the construction crafts. Training is permissible in lower level management positions such as office engineers, estimators, timekeepers, etc., where the training is oriented toward construction applications. Some offsite training is permissible as long as the training is an integral part of an approved training program and does not comprise a significant part of the overall training.

### 7. TxDOT and FHWA Approvals

TxDOT and the Federal Highway Administration (FHWA) shall approve a training program if it meets the equal employment opportunity obligations of the Design-Build Contractor and aims to train and upgrade employees to journey worker status.

### 8. Trade Classifications

TxDOT's OJT Program has been designed to ensure that the trainee consistently receives the level and quality of training necessary to perform as a journey worker in his/her respective skilled trade classification. Standard training programs for each skilled construction trade classification are located in the OJT program manual.

### 9. Apprenticeship Programs

Apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau, or training programs approved but not necessarily sponsored by the U.S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training shall also be considered acceptable provided

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<sup>1</sup> The OJT program trainee goal will be determined when the Contract is executed.

the program is being administered in a manner consistent with the equal employment obligations of Federal-aid highway construction contracts.

## **10. Distribution of Trainees**

The number of trainees shall be distributed among the work classifications on the basis of the Design-Build Contractor's needs and the availability of journey worker in the various classifications.

## **11. Trainee Qualifications**

No employee shall be employed as a trainee in any classification in which he or she has successfully completed a training course leading to journey worker status or in which he or she has been employed as a journey worker. The Design-Build Contractor may satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, the Design-Build Contractor's records should document the findings in each case.

## **12. TxDOT Office of Civil Rights**

At or before contract execution, Developer must submit the Contractor OJT Plan form to TxDOT's Office of Civil Rights (OCR). The plan shall specify how the Design-Build Contractor intends to satisfy its goal by including the following information: the type of apprentice or training program, number of trainees, type of training, and length of training.

## **13. Start of Training Program**

The trainee(s) shall begin training on the project after start of work and remain on the project as long as training opportunities exist or until the training is completed.

## **14. Apprentice and Trainee Pay**

The trainees will be paid at minimum, 60% of the appropriate journey worker's rate specified in the contract for the first half of the training period, 75% for the third quarter of the training period, and 90% for the last quarter of the training period. However, if the apprentices or trainees are enrolled in another program approved by TxDOT of Labor or other agency, such appropriate rates shall apply.

## **15. Apprentice and Trainee Approvals**

The OCR must approve all proposed apprentices and trainees before training begins. The Design-Build Contractor must submit the Federal OJT Enrollment Form in order for training to be counted toward the project goal and be eligible for reimbursement. The Design-Build Contractor shall provide each trainee with a copy of the training program he or she will follow.

## **16. Reporting**

On a monthly basis, the Design-Build Contractor shall submit the Federal OJT Monthly Reporting Form to TxDOT's Strategic Projects office(s) and the OCR. The monthly reporting form will include the number of hours trained and training status. If a trainee is terminated, the Design-Build Contractor is required to make a good faith effort to replace the trainee within 30 calendar days of the termination.



## **17. Certificate Issuance to Trainees**

The Design-Build Contractor shall provide each trainee with a certification showing the type and length of training satisfactorily completed.

## **18. Reimbursement**

As detailed in Exhibit 13B of the CDA, the Design-Build Contractor may be reimbursed 80 cents per hour of training for each trainee working on this project and whose participation towards the OJT project goal has been approved.

This reimbursement will be made regardless whether the Design-Build Contractor receives additional training program funds from other sources, provided such other program requirements do not specifically prohibit the Design-Build Contractor from receiving other reimbursement. Reimbursement for offsite training indicated above may only be made to the Design-Build Contractor if the trainees are concurrently employed on a federal-aid project and when the Design-Build Contractor contributes to the cost of the training, or provides the instruction to the trainee, or pays the trainee's wages during the offsite training period.

No payment shall be made to the Design-Build Contractor if either the failure to provide the required training or the failure to hire the trainee as a journeyman is caused by the Design-Build Contractor and evidences a lack of good faith on the part of the Design-Build Contractor in meeting the requirements of this Training Special Provision.

**EXHIBIT 15B**  
**DEVELOPER'S SMALL BUSINESS OPPORTUNITY PLAN**



Exhibit 15B  
Small Business Opportunity Plan

Texas Department of Transportation  
Comprehensive Development Agreement

State Highway 288 Toll Lanes Project



by

Blueridge Transportation Group

August 14, 2015



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## REVISIONS INDEX

<b>Date</b>	<b>Revised Sections</b>	<b>Rev Number</b>
04/27/15		



## Preface

This Small Business Opportunity Plan is based on the Small Business mentoring approach presented in the Blueridge Transportation Group (BTG or the Developer) Project Development Plan and describes the program Almeda-Genoa Constructors (A-GC JV or the Design-Build Contractor) intends to meet with regards to the goals for the design and construction work on the Project. Our Small Business Mentoring Program is focused on providing immediate and long-term economic opportunity to the broadest possible range of individuals and small companies in Harris County, Brazoria County, and the state of Texas. We will implement an active plan aimed at identifying potential contracting opportunities and tailoring size and scope to be economically feasible for the various DBE firms.

## Scope

This document addresses the approach to develop, conduct, and administer small business mentoring in support of the SH 288 Toll Lanes Design-Build Project. This document outlines the following:

- Methods to achieve participation goals.
- Cross references to parts of the Project Development Plan identifying the approach to maximize participation through Final Acceptance.
- Approach to develop and implement Small Business Opportunity Plan.
- Outreach program to encourage participation.
- Framework for identifying qualified firms.
- Reporting procedure to TxDOT regarding participation.

## Terms and Abbreviations

- Blueridge Transportation Group (BTG or Developer)
- Almeda-Genoa Constructors Joint Venture - comprised of Dragados USA, Inc.; Pulice Construction, Inc.; and Shikun & Binui America Inc. (A-GC JV or the Design-Build Contractor)
- A-GC JV Mentor (Mentor) – Employees from A-GC JV.
- A-GC JV Protégé (Mentor-Protégé) – DBEs/HUBs/SEBs that sign an agreement with A-GC JV to participate in A-GC JV's Small Business Mentor Protégé program.
- Disadvantaged Business Enterprises (DBEs) – Any business so certified in accordance with 49 CFR Part 26.
- Historically Underutilized Businesses (HUBs) – Any business so certified by the Texas Buildings and Procurement Commission (TB&PC) (formerly the General Services Commission)
- On-the-Job Training Program (OJT)
- Small Business Enterprises (SBEs) – Any business so certified as a DBE, HUB or otherwise by TXDOT
- Texas Department of Transportation (TxDOT)

## References

*Blueridge Transportation Group's Technical Proposal and Project Development Plan TxDOT ITP Section 6.1.2 and CDA Section 23.10, SH 288 Toll Lanes Project in Harris County, Addendum #10 to Request for Proposals (January 21, 2015)*



*TxDOT's Contract / TxDOT SH 288 Toll Lanes Project Scope / Comprehensive Development Agreement*



## 1. Introduction

Small businesses are essential to economic competitiveness in the transportation industry. Therefore, BTG through the A-GC JV, has created a Small Business Mentor Protégé Program to provide opportunities for small businesses to participate in public-private partnerships in the areas of design and construction.

## 2. Program Goals

BTG's Small Business Mentor Protégé Program provides an opportunity to selected Small Business Mentor Protégés to learn about A-GC JV's business opportunities and its business practices. Mentor-Protégés will receive information to assist them in bidding and performing on A-GC JV's contracts by working directly with A-GC JV and appropriate subcontractors gaining valuable on-the-job training during a one (1) year mentoring period. We will support this goal by identifying subcontracting opportunities and firms capable of performing the works in all phases of the Project and creating subcontracting packages feasible to be undertaken by different firms in the DBE community.

The Small Business Mentor-Protégé Program will offer participants the opportunity to enhance their business skills by focusing on fundamental construction business tenets:

- 1. Schedule and scheduling:**
  - a) How to schedule
  - b) Short-term and long-term scheduling
  - c) Progressing the schedule
  - d) Staying on schedule
  - e) Identifying and applying appropriate resources
  - f) Schedule recovery
- 2. Creating a cost budget and measuring costs:**
  - a) Establishing a budget with appropriate cost codes
  - b) Monitoring the budget by conducting weekly review of cost reports
  - c) Anticipating necessary changes to the budget
  - d) Identifying change conditions
- 3. Measuring cash flow and profitability**
  - a) Cash in vs. Cash out
  - b) Relationship of cash flow to profitability
- 4. Understanding the role of bonds and insurance**
- 5. Clarifications to contract documents, when requested by the Mentor-Protégé**
- 6. Human Resources**
- 7. Project Safety**

A-GC JV will introduce the Mentor-Protégés to A-GC JV's key project staff in addition to TxDOT's project staff in order expand the Mentor-Protégés networking opportunities with those individuals. A-GC JV's Mentors, in collaboration with A-GC JV's staff and subcontractors will meet with the Mentor-Protégés during regularly scheduled meetings as



well as working with each of the Mentor-Protégés individually as needed to achieve program goals.

### **3. Eligibility**

To be eligible for the Small Business Mentor Program, the small business must have been certified by the State of Texas as a DBE, HUB, and/or SBE for at least one (1) consecutive year and must perform a category of work or supply a type of material that adds value to the project (e.g., design services, concrete supplier, rebar tier). Firms interested in participating in the program must submit a Small Business Mentor-Protégé application to A-GC JV. A-GC JV will offer participation in the program to each DBE, HUB or SBE that has an active role on the project, and will endeavor to maintain active participants at any one time during the design and construction phase of the project, as Developer will during the operation and maintenance period after Service Commencement.

The actual number of Protégés participating in the program will depend on the total number of candidate firms working on the project that express interest in the program. We will categorize certified firms by NAICS work categories and invite firms to bid in the appropriate trades. We will conduct the necessary research to verify certification status, past performance, references and legal issues. Additionally we will also offer mentoring to certain firms requiring assistance to obtain bonds and insurance along with additional training and support to help DBEs succeed.

Once Selected by A-GC JV, the Mentor-Protégé must sign an agreement (to be developed by A-GC JV) to commit the necessary time and efforts needed for the successful training. This is a voluntary program and either party may withdraw at any time by providing notice outlining the reason for withdrawal from the program (a courtesy copy will be provided to TxDOT). Upon completion of the one (1) year program, A-GC JV will provide each Mentor-Protégé with a Certificate of Completion.

### **4. Public Outreach**

#### **4.1. Lists of Eligible Firms**

A-GC JV has identified the following list of available resources to locate and solicit DBEs, HUBs, and SBEs:

- 4.1.1. Owner provided subcontractor listings
- 4.1.2. Texas Unified Certification Program (TUCP) Directory
- 4.1.3. A-GC JV's Internal Vendor Database – created from letters of introduction, Pre-qualification documents, and personal interviews with small, small disadvantaged, women-owned, HUB Zone, and service disabled veteran enterprise representatives.
- 4.1.4. Office of Small and Disadvantaged Business Utilization Specialist;
- 4.1.5. Hispanic Business Professional Women Association



## 4.2. Educational Workshops for Mentoring Program

Our DBEMP will be implemented through the following steps.

- 4.2.1. Identification of targeted technical disciplines: During the proposal phase, our team identified the following potential disciplines for the mentoring program: scheduling; cost budget; cash flow analysis and profitability; bonds and insurance; contract administration; human resources management; quality control/quality assurance; safety; and environmental compliance.
- 4.2.2. Identification of targeted audiences: DBEs will be the main targeted audience for the plan; under-utilized and other small businesses will be also encouraged to participate. To be eligible for the program, firms must have been certified by the State of Texas and perform a category of work or supply materials for the Project.
- 4.2.3. Development of short term and long term plans: Workshops will be crafted not only to provide educational value for the SH 288 project, but also will include general information, lectures and discussions to promote and support a sustainable growth for the participating firms in the mid and the long terms.
- 4.2.4. Identification of workshop administrative procedures: Firms interested in the program will be required to submit an application. The BTG Team will offer participation in the program to each DBE that has an active role in the project. Participation will be voluntary.
- 4.2.5. Frequency of the Workshops: Workshops will be offered at least once every three months during design and construction. The frequency of meetings will be revisited and adjusted depending on the attendance, number of active participants, project schedule, etc.
- 4.2.6. Packaging of work scopes: Our team will take into consideration not only the available trades but also the sizes of participating firms to package the subcontracting opportunities. A diverse variety of scopes will be offered to encourage the small business participation, utilizing the firms' information from the State Database to determine size, services, and contracting capabilities.

## 5. Program Approach and Topics

BTG's Small Business Mentor-Protégé Program aims to provide effective mentoring to DBEs/HUBs/SBEs that have already been selected to work as subcontractors for this project. A-GC JV will make best efforts to mentor the Protégés while they are working on the project, attending project meetings and participating in project discussions. This will allow the Protégés to gain an understanding of the conduct of project operations and receive one-on-one training opportunities. Meeting topics may include planning strategies, schedule reviews, budgeting and cost tracking, subcontractor interface coordination, insurance, bonding, safety (including safety task assessments), quality reviews and celebratory events. The intent of this approach is to provide actual project experience.





This approach will provide the Mentor-Protégé with practical, hands-on project operations experience, which has been shown to provide the most successful method of providing training and actual real time experience.

## **6. Participant Responsibilities and Reporting**

### **6.1. Protégé:**

The Protégé is responsible for complying with the Mentor-Protégé agreement as described below:

- Attend and be on time for all meetings related to the Program
- Perform assignments given by the Mentor.
- Hold A-GC JV, including its employees, or agents harmless from any claim, suit, action or demands from the Protégé or the Mentor's creditors, or any other person arising out to the Mentor-Protégé Agreement.

### **6.2. Mentor:**

A A-GC JV Mentor is assigned to each Mentor-Protégé and will perform the mentoring activities described in this Small Business Opportunity Plan. The Mentor is responsible to ensure the Mentor-Protégé receives and understands the information presented during the meetings. The Mentor will have regular contact with each assigned Mentor-Protégé to respond to any questions that the Mentor-Protégés may have regarding the Program.

The Mentor will complete a monthly report for each Protégé that outlines topics covered, progress towards completion, and recommended future training. The Mentor will submit each monthly report to A-GC JV's DBE Manager and TxDOT by the 10th working day of the following month.

**EXHIBIT 16**  
**INSURANCE COVERAGE REQUIREMENTS**

**1. Builder's Risk Insurance During Construction.** At all times during the period from the commencement of Construction Work until the Last Service Commencement Date for the Initial Configuration and during any other period in which other construction work is in progress during the Operating Period, Developer shall, or shall require the Design-Build Contractor, to procure and keep in force a policy of builder's risk insurance as specified below.

(a) The policy shall provide coverage for "all risks" of direct physical loss or damage to the portions or elements of the Project under construction, excluding terrorism but including the perils of earthquake, earth movement, flood, storm, tempest, windstorm, hurricane, and tornado and subsidence; shall contain extensions of coverage that are typical for a project of the nature of the Project; and shall contain only those exclusions that are typical for a project of the nature of the Project.

(b) The policy shall cover (i) all property, roads, buildings, structures, fixtures, materials, supplies, foundations, pilings, machinery and equipment that are part of or related to the portions or elements of the Project under construction, and the works of improvement, including permanent and temporary works and materials, and including goods intended for incorporation into the works located at the Site, in storage or in the course of inland transit on land to the Site, and (ii) unless covered by property insurance pursuant to Section 2 of this Exhibit 16, all existing property and improvements that are within the construction work zone or are or will be affected by the Construction Work.

(c) The policy shall provide coverage per occurrence sufficient to reinstate the property for a sum not less than the probable maximum loss, plus an allowance for professional fees, demolition and debris removal, without risk of co-insurance; *provided, however*, that the policy may include a sublimit for earth movement and flood of not less than \$5,000,000 per occurrence and \$10,000,000 aggregate.

(d) Developer, TxDOT and the Design-Build Contractor shall be the named insureds on the policy as their interests may appear. Developer also may, but is not obligated to, include other Contractors as named insured as their respective interests appear. The policy shall be written so that no act or omission of any insured shall vitiate coverage of the other named insureds. Developer may name itself or the Collateral Agent as loss payee under the policy.

(e) To the extent available, the policy shall include coverage for (i) foundations, including pilings, but excluding normal settling, shrinkage, or expansion, (ii) physical damage resulting from machinery accidents but excluding normal and natural wear and tear, corrosion, erosion, inherent vice or latent defect in the machinery, (iii) plans, blueprints and specifications, (iv) physical damage resulting from faulty work or faulty materials, but excluding the cost of making good such faulty work or faulty materials, (v) physical damage resulting from design error or omission but excluding the cost of making good such design error or omission, (vi) demolition and debris removal coverage, (vii) the increased replacement cost due to any change in applicable codes or other Laws, (viii) expense to reduce loss, (ix) building ordinance compliance, with the building ordinance exclusion deleted, (x) "soft cost expense" (including costs of Governmental Approvals, mitigation costs, attorneys' fees, and other fees and costs associated with such damage or loss or replacement thereof), and (xi) delayed opening coverage in the amount of potential lost toll revenue for a period of not less than six months.

(f) The policy shall provide a deductible or self-insured retention not exceeding \$1,000,000 per occurrence.

**2. Property Insurance.** At all times during the period from the issuance of NTP2 through the remainder of the Term, Developer shall procure and keep in force, or cause to be procured and kept in force, a policy of property insurance as specified below.

(a) The policy shall provide coverage for “all risks” of direct physical loss or damage to the Project, excluding terrorism but including the perils of earthquake, earth movement, flood, storm, tempest, windstorm, hurricane, tornado and subsidence, shall contain extensions of coverage that are typical for a project of the nature of the Project; and shall contain only those exclusions that are typical for a project of the nature of the Project.

(b) The policy shall cover all property, roads, buildings, structures, fixtures, materials, supplies, foundations, pilings, machinery and equipment that are part of or related to the Project.

(c) The policy shall provide coverage per occurrence sufficient to reinstate the insured property and for a sum not less than the probable maximum loss, plus an allowance for professional fees, demolition and debris removal, without risk of co-insurance. Developer and its insurance consultant shall perform the maximum probable loss analysis using industry standard underwriting practices. The probable maximum loss analysis and recommended policy limit based thereon, as well as any exclusions, shall be subject to the review and comment by TxDOT to verify reasonableness under industry standard underwriting practices, prior to issuance of the policy or renewal of any policy. Developer and its insurance consultant shall review annually the probable maximum loss values for the covered property and shall adjust the coverage limit accordingly for the period during which the property Insurance Policy is required hereunder.

(d) Developer shall be the named insured on the policy. TxDOT shall be identified as an additional insured as its interest appears. Developer also may, but is not obligated to, include Contractors as additional insureds as their interests may appear. The policy shall be written so that no acts or omissions of a named insured shall vitiate coverage of the other named insureds. Developer may name itself or the Collateral Agent as loss payee under the policy. TxDOT shall be named as additional loss payee as its interest may appear; *provided* that during all portions of the last five years of the Term that there are no outstanding Security Documents, TxDOT shall be named as the loss payee. If TxDOT is the loss payee and receives proceeds of such insurance for insured loss or damage, TxDOT shall hold such proceeds available to pay and reimburse Developer for reasonable costs it incurs to repair and replace the loss or damage.

(e) To the extent available, the policy shall include coverage for (i) foundations, including pilings, but excluding normal settling, shrinkage, or expansion, (ii) physical damage resulting from machinery accidents but excluding normal and natural wear and tear, corrosion, erosion, inherent vice or latent defect in the machinery, (iii) plans, blueprints and specifications, (iv) physical damage resulting from faulty work or faulty materials, but excluding the cost of making good such faulty work or faulty materials, (v) physical damage resulting from design error or omission but excluding the cost of making good such design error or omission, (vi) physical damage resulting from mechanical breakdown or electrical apparatus breakdown, (vii) demolition and debris removal coverage, (viii) the increased replacement cost due to any change in applicable codes or other Laws, (ix) expense to reduce loss, (x) building ordinance compliance, with the building ordinance exclusion deleted, and (xi) “soft cost expense” (including costs of Governmental Approvals, mitigation costs, attorneys’ fees, and other fees and costs associated with such damage or loss or replacement thereof).

(f) The policy shall provide a deductible or self-insured retention not exceeding \$1,000,000 per occurrence.

**3. Business Interruption Insurance.** At all times during the period from the first Service Commencement Date through the remainder of the Term, Developer shall procure and keep in effect or cause to be procured and kept in effect, business interruption insurance coverage that satisfies the following requirements.

(a) Such Insurance Policy shall insure against interruption or loss of Toll Revenues resulting from physical loss or damage to any portion of the Project caused by occurrence of any risk which is required to be insured under the all-risk property insurance specified in Section 2 of this Exhibit 16.

(b) The policy shall cover interruption or loss of Toll Revenues for up to one full year from the date of the interruption. The amount of coverage shall be adjusted annually to reflect the projected Toll Revenues for the next 12-month period.

(c) TxDOT and Developer shall be named insureds on the policy providing business interruption insurance coverage. The policy shall be written so that no acts or omissions of a named insured shall vitiate coverage of the other named insureds.

(d) The policy shall provide a deductible or self-insured retention per occurrence not exceeding the first 30 days of loss following the date of interruption.

(e) The policy shall be in form and substance as is then standard in the State for policies of like coverage.

**4. Commercial General Liability Insurance.** At all times during the Term, Developer shall procure and keep in force in its own name, or cause to be procured and kept in force in its name, commercial general liability insurance as specified below.

(a) The policy shall be in form reasonably acceptable to TxDOT, and shall be an occurrence form. The policy shall contain extensions of coverage that are typical for a project of the nature of this Project, and shall contain only those exclusions that are typical for a project of the nature of this Project.

(b) The policy shall insure against the legal liability of the insureds named in Section 4(d) of this Exhibit 16, relating to claims by third parties for accidental death, bodily injury or illness, property damage, personal injury and advertising injury, and shall include the following specific coverages: (i) contractual liability; (ii) premises/operations; (iii) independent contractors; (iv) products and completed operations (with acknowledgement that the Project constitutes the premises and not a product); (v) broad form property damage; (vi) hazards commonly referred to as "XCU", including explosion, collapse and underground property damage; (vii) fellow employee coverage for supervisory personnel; (viii) incidental medical malpractice; (ix) no exclusion for work performed within 50 feet of a railroad; (x) broad named insured endorsement; (xi) non-owned automobile liability, unless covered by the automobile liability policy pursuant to Section 6 of this Exhibit 16; and (xii) personal and advertising injury. The policy shall contain no exclusion for claims arising from professional services, including engineering, architecture and surveying, with regard to any claims related to Developer's supervision, coordination, management, scheduling of the project or other similar services or the products and completed operations coverage. In lieu of complying with this requirement, Developer may show proof of Contractor's Professional Liability Insurance with a limit of at least \$10,000,000 per claim and aggregate. If this requirement is met through provision of Contractor's Professional Liability Insurance, such coverage shall be carried for the period of the project and for 5 years thereafter, however, in no event shall this requirement extend beyond 10 years total.

(c) The policy shall have limits of not less than \$25,000,000 per occurrence and in the aggregate per policy period. If such limits are shared by all insured and additional insured parties, the policy shall have limits of not less than \$50,000,000. The policy shall reinstate annually.

(d) Developer shall be the named insured and TxDOT and the Indemnified Parties shall be additional insureds; provided that the scope of coverage for TxDOT and the Indemnified Parties shall be limited to acts, omissions and activities relating to the Project, the CDA Documents and the Principal Project Documents. The policy shall be written so that no act or omission of a named insured shall vitiate coverage of the other named insured. The other Indemnified Parties shall be Additional Insureds.

(e) The policy shall provide one of the following, as Developer selects: (i) a deductible or self-insured retention not exceeding \$250,000 per occurrence; or (ii) a deductible (but not self-insured retention) of \$500,000 per occurrence but only if the primary policy and any excess policy are written to obligate the insurers to compensate the claimant on a first dollar basis (meaning that the insurer meets the third-party claim in full and recovers the deductible from Developer).

## 5. [RESERVED]

**6. Automobile Liability Insurance.** At all times during the Term, Developer shall procure and keep in force comprehensive, business, or commercial automobile liability insurance as specified below.

(a) Each policy shall cover accidental death, bodily injury and property damage liability arising from the ownership, maintenance or use of all owned, non-owned and hired vehicles connected with performance of the Work, including loading and unloading. The policy shall contain extensions of coverage that are typical for a project of the nature of the Project, and shall contain only those exclusions that are typical for a project of the nature of the Project.

(b) Developer shall be the named insured under its automobile liability policy.

(c) Developer's policy shall have a limit per policy period of not less than \$25,000,000 for any one claim and in the aggregate.

(d) Each policy shall provide a deductible or self-insured retention not exceeding \$250,000 per occurrence.

**7. Pollution Liability Insurance.** At all times during the Term, Developer shall procure and keep in force, or cause to be procured and kept in force, pollution liability insurance as specified below.

(a) The policy shall cover sums that the insured becomes liable to pay to a third party or that are incurred by the order of a regulatory body consequent upon a pollution incident, subject to the policy terms and conditions. Such policy shall cover claims related to pollution conditions to the extent such are caused by the performance of Work or by other activities that occur on the Project.

(b) Developer shall be the named insured under such policy. The Indemnified Parties shall be identified as additional insureds as their respective interests appear. The policy shall be written so that no acts or omissions of a named insured shall vitiate coverage of the other named insureds. The "insured versus insured" exclusion shall be deleted, so that the policy will insure Developer against, and respond to, pollution liability claims and actions of TxDOT against Developer.

(c) The policy shall have a limit of not less than \$5,000,000 per occurrence and in the aggregate per policy period, unless applicable regulatory standards impose more stringent coverage requirements.

(d) The policy shall provide a deductible or self-insured retention not exceeding \$250,000 per occurrence.

## **8. Professional Liability Insurance**

**8.1 Prior to Final Acceptance for the last Project Segment of the Initial Configuration.** At all times that professional services are rendered respecting design and construction of the Project until the first to occur of (a) five years after the professional services have concluded for the Project, (b) expiration of all applicable statutes of limitation and repose applicable to professional services performed for the Project or (c) 10 years from the Effective Date, Developer shall cause the Design-Build Contractor and the lead design engineer to procure and keep in force, or cause to be procured and kept in force, with the Design-Build Contractor and the lead design engineer listed as named insureds, professional liability insurance as specified in Section 8.3. Developer may satisfy such insurance requirement by either (i) requiring the Design-Build Contractor to maintain a series of annual practice policies naming the Design-Build Contractor as a named insured and requiring the lead design engineer to maintain a series of annual practice policies naming the lead design engineer as a named insured or (ii) via a project-specific policy covering the Design-Build Contractor and the lead design engineer. At the Developer's option, such project-specific policy may cover other subconsultants as well.

**8.2 Following Final Acceptance for the last Project Segment of the Initial Configuration.** Following Final Acceptance for the last Project Segment of the Initial Configuration, the Developer shall require that any O&M Contractor, if directly performing professional services, procure and keep in force professional liability insurance as required in Section 8.3. Such insurance shall be carried throughout the Term and until the first to occur of (a) five years after the professional services have concluded for the Project, or (b) expiration of all applicable statutes of limitation and repose applicable to professional services performed for the Project. Developer may satisfy such insurance requirement by either requiring the O&M Contractor to maintain a series of annual practice policies or via a project-specific policy covering the O&M Contractor. At Developer's option, such project-specific policy may cover subconsultants.

**8.3 Specified Insurance Requirements.** The insurance policies required in Sections 8.1 and 8.2 shall comply with the following requirements:

(a) Each policy shall provide coverage of liability of the party performing the professional services arising out of any negligent act, error or omission in the performance of professional services or activities for the Project.

(b) Each policy shall have a limit of not less than \$10,000,000 per claim and in the aggregate during the period prior to Final Acceptance of all Project Segments. For professional services rendered during the period following Final Acceptance of all Project Segments, each policy shall have a limit of not less than \$5,000,000 per claim and in the aggregate. The aggregate limit need not reinstate annually.

(c) Each policy shall be endorsed to provide that Developer, TxDOT and the Indemnified Parties shall be an indemnified party under the policy with regard to third-party claims for property damage or bodily injury. Such status shall in no way affect the ability of Developer or TxDOT to make a claim under the policy for damages caused by the Design-Build Contractor, other Contractors, and/or any O&M Contractor.

(d) Each policy shall provide a deductible or self-insured retention not exceeding \$1,000,000 per occurrence.

**8.4 Other Providers of Professional Services.** If not covered by the project-specific professional liability policy noted in Section 8.1, Developer shall cause each other Contractor that provides professional services at any time during the Term to procure and keep in force professional liability insurance in the amounts set forth in the chart below. Such policy need not be project-specific, however, it shall be carried for a period of three years after the work is completed on the Project. Such policy shall include a commercially reasonable deductible.

<u>Estimated Contract Value</u>	<u>Professional Liability Limits Required</u>
\$10,000,000 or greater	\$5,000,000 per claim and aggregate
\$5,000,000 to \$9,999,999	\$2,000,000 per claim and aggregate
\$1,000,000 to \$4,999,999	\$1,000,000 per claim and aggregate
Less than \$1,000,000	\$500,000 per claim and aggregate

**9. Workers' Compensation Insurance.** At all times when work is being performed by any employee of Developer, Developer shall procure and keep in force, or cause to be procured and kept in force, a policy of workers' compensation insurance for the employee in conformance with applicable Law. Developer shall be the named insured on these policies. Such policy need not be Project-specific. The workers' compensation Insurance Policy shall contain the following endorsements:

- (a) An endorsement extending the policy to cover the liability of the insureds under the Federal Employer's Liability Act;
- (b) A voluntary compensation endorsement;
- (c) An alternative employer endorsement; and
- (d) An endorsement extending coverage to all states operations on an "if any" basis.

**10. Employer's Liability Insurance.** At all times during the Term, Developer shall procure and keep in force, or cause to be procured and kept in force, employer's liability insurance as specified below.

- (a) The policy shall insure against liability for death, bodily injury, illness or disease for all employees of Developer working on or about any Site or otherwise engaged in the Work.
- (b) Developer shall be the named insured.
- (c) The policy shall have a limit of not less than \$25,000,000 per accident and in the aggregate per policy period.
- (d) Such policy need not be Project-specific.

**11. Railroad Protective Liability Insurance.** Developer shall procure and keep in force, or cause to be procured and kept in force, railroad protective liability insurance as may be required by any railroad in connection with Work across, under or adjacent to the railroad's tracks or railroad right-of-way. In the event any agreement between TxDOT and a railroad includes railroad protective insurance requirements

applicable to the Work, Developer shall procure and keep in force or cause to be procured and kept in force, insurance meeting such requirements. The railroad shall be the named insured on any such policy.

**12. Contractors’ Insurance**

(a) At all times during the Term, Developer shall cause each Contractor that performs Work on the Site to provide commercial general liability, worker’s compensation (statutory) and employer’s liability, and automobile liability insurance as required below, unless such contractors are covered under a Developer or Design-Build Contractor provided project insurance program. Developer shall cause each such Contractor that provides such insurance to include each of the Indemnified Parties as additional insureds under such Contractor’s commercial general liability and automobile liability Insurance Policies. Such insurance need not be Project-specific unless specified below and TxDOT shall have the right to contact the Contractors directly in order to verify the required coverage.

<b>Estimated Contract Value</b>	<b>Minimum Limits for Commercial General Liability/ Automobile Liability/ Employer’s Liability</b>
\$100,000,000 or greater	\$25,000,000 per occurrence and aggregate
\$25,000,000 to \$99,999,999	\$15,000,000 per occurrence and aggregate
\$10,000,000 to \$24,999,999	\$10,000,000 per occurrence and aggregate
\$2,000,000 to \$9,999,999	\$5,000,000 per occurrence and aggregate
Less than \$2,000,000	\$2,000,000 per occurrence and aggregate

(b) Contractors shall be allowed to meet the limit requirements through any combination of primary and excess/umbrella liability insurance. All primary commercial general liability insurance policies shall include a provision that the aggregate limit shall apply on a per project basis. Each such policy shall be primary and non-contributory and include a waiver of subrogation.



**EXHIBIT 17**  
**FORM OF PAYMENT AND PERFORMANCE BONDS**

Exhibit 17A    Form of Performance Bond

Exhibit 17B    Form of Payment Bond

\* Note that the form of bonds may be revised pursuant to Section 26.2.6.

**EXHIBIT 17A**  
**FORM OF PERFORMANCE BOND**

\* \* \* \* \*

Bond No. \_\_\_\_\_

WHEREAS, the Texas Department of Transportation (“**Obligee**”), has awarded to Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Principal**”), a Comprehensive Development Agreement for the SH 288 Toll Lanes Project in Harris County, duly executed and delivered as of [●], 2016 (the “**Agreement**”), on the terms and conditions set forth therein; and

WHEREAS, upon award of the Agreement, Principal is required to furnish a bond (this “**Bond**”) guaranteeing the faithful performance of its obligations under the CDA Documents.

NOW, THEREFORE, Principal and [●], a [●] (“**Surety**”), an admitted surety insurer in the State of Texas, are held and firmly bound unto Obligee in the initial amount of \$20,000,000, subject to increase in accordance with the NTP2 Rider attached hereto (the “**Bonded Sum**”), for payment of which sum Principal and Surety jointly and severally firmly bind themselves and their successors and assigns.

THE CONDITION OF THIS BOND IS SUCH THAT, if Principal shall promptly and faithfully perform all of its obligations under the CDA Documents, including any and all amendments and supplements thereto, then the obligations under this Bond shall be null and void; otherwise this Bond shall remain in full force and effect.

The following terms and conditions shall apply with respect to this Bond:

1. The CDA Documents are incorporated by reference herein. Capitalized terms not separately defined herein have the meanings assigned such terms in the Agreement.
2. This Bond specifically guarantees the performance of each and every obligation of Principal under the CDA Documents, as they may be amended and supplemented, including but not limited to, its liability for liquidated damages as specified in the CDA Documents, but not to exceed the Bonded Sum.
3. Whenever Principal shall be, and is declared by Obligee to be, in default under the CDA Documents; provided that Obligee is not then in material default thereunder, Surety shall promptly:
  - a. arrange for the Principal to perform and complete the Agreement; or
  - b. complete the Project in accordance with the terms and conditions of the CDA Documents then in effect, through its agents or through independent contractors; or
  - c. obtain bids or negotiated proposals from qualified contractors acceptable to the Obligee for a contract for performance and completion of the Work, through a procurement process approved by the Obligee, arrange for a contract to be prepared for execution by the Obligee and the contractor selected with the Obligee’s concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Agreement, and pay to the Obligee the amount of damages as described in Paragraph 5 of this Bond in excess of the unpaid balance of the Price incurred by the Obligee resulting from the Principal’s default; or

d. waive their right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances, (i) after investigation, determine the amount for which they may be liable to the Obligee and, as soon as practicable after the amount is determined, tender payment therefore to the Obligee, or (ii) deny liability in whole or in part and notify the Obligee citing reasons therefore.

4. If Surety does not proceed as provided in Paragraph 3 of this Bond with reasonable promptness, Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the Obligee to Surety demanding that Surety perform its obligations under this Bond, and the Obligee shall be entitled to enforce any remedy available to the Obligee. If Surety proceeds as provided in Subparagraph 3.d of this Bond, and the Obligee refuses the payment tendered or Sureties has denied liability, in whole or in part, without further notice, the Obligee shall be entitled to enforce any remedy available to the Obligee.

5. After the Obligee has terminated the Principal's right to complete the Agreement, and if Surety elects to act under Subparagraph 3.a, 3.b or 3.c above, then the responsibilities of Surety to the Obligee shall not be greater than those of the Principal under the Agreement, and the responsibilities of the Obligee to Surety shall not be greater than those of the Obligee under the Agreement. To the limit of the Bonded Sum, but subject to commitment of the unpaid balance of the Price to mitigation costs and damages on the Agreement, Surety is obligated without duplication for:

a. the responsibilities of the Principal for correction of defective work and completion of the Work;

b. actual damages, including additional legal, design, engineering, professional and delay costs resulting from Principal's default, and resulting from the actions or failure to act of Surety under Paragraph 3 of this Bond; and

c. liquidated damages under the Agreement.

6. No alteration, modification or supplement to the CDA Documents or the nature of the work to be performed thereunder, including without limitation any extension of time for performance, shall in any way affect the obligations of Surety under this Bond; provided that the aggregate dollar amount of TxDOT Changes, without the Surety's prior written consent thereto having been obtained, does not increase the cost of Construction Work by more than \$70,341,112. Surety waives notice of any alteration, modification, supplement or extension of time other than Change Orders for TxDOT-Directed Changes in excess of such amount.

7. Correspondence or claims relating to this Bond should be sent to Surety at the following address: [●]

8. No right of action shall accrue on this Bond to or for the use of any entity other than Obligee or its successors and assigns.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, Principal and Surety have caused this Bond to be executed and delivered as of [●].

**Principal**

**Surety**

**Blueridge Transportation Group, LLC**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

*[Add Appropriate Surety Acknowledgments]*

**Surety**

\_\_\_\_\_  
Or Secretary Attest

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
Address: [●]

**NTP2 RIDER**

To be attached to and form a part of:

Bond No. \_\_\_\_\_

Type of Bond: Performance Bond

Dated Effective: [●]

By: Blueridge Transportation Group, LLC, as Principal

And by: [●], as Surety

In favor of: Texas Department of Transportation, as Obligee

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to the following:

The Bonded Sum hereunder shall increase to the amount of \$703,411,115 effective upon issuance by the Obligee of NTP2 under the Agreement.

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective as of [●].

Signed and Sealed:

**Principal**

**Surety**

**Blueridge Transportation Group, LLC**

**[●]**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

## MULTIPLE OBLIGEE RIDER

This Rider is executed concurrently with and shall be attached to and form a part of Performance Bond No. \_\_\_\_\_.

WHEREAS, [●] (hereinafter called the “**Principal**”), entered into a written agreement bearing the date of [●] (hereinafter called the “**Contract**”) with Blueridge Transportation Group, LLC, (hereinafter called the “**Primary Oblige**”) for the performance of [Design Work and Construction Work] for the SH 288 Toll Lanes Project in Harris County (the “**Project**”); and

WHEREAS, the Primary Oblige requires that Principal provide a performance bond and that the Texas Department of Transportation (“**TxDOT**”), be named as an additional obligee under the performance bond; and

WHEREAS, Principal and the Surety have agreed to execute and deliver this Rider concurrently with the execution of Performance Bond No. \_\_\_\_\_ (hereinafter referred to as “**Performance Bond**”) upon the conditions herein stated.

NOW, THEREFORE, the undersigned hereby agree and stipulate as follows: TxDOT is hereby added to the Performance Bond as a named obligee (hereinafter referred to as the “**Ultimate Oblige**”).

The Surety shall not be liable under the Performance Bond to the Primary Oblige, the Ultimate Oblige, or either of them, unless the Primary Oblige, the Ultimate Oblige, or either of them, shall make payments to the Principal (or in the case the Surety arranges for completion of the Contract, to the Surety) in accordance with the terms of the Contract as to payments and shall perform all other obligations to be performed under the Contract in all material respects at the time and in the manner therein set forth such that no material default by the Primary Oblige shall have occurred and be continuing under the Contract.

The aggregate liability of the Surety under this Performance Bond, to any or all of the obligees, is limited to the penal sum of the Performance Bond. The Ultimate Oblige’s rights hereunder are subject to the same defenses Principal and/or Surety have against the Primary Oblige; provided that the Ultimate Oblige has received notice and 30 days’ prior opportunity to cure breach or default by the Primary Oblige under the Contract. The total liability of the Surety shall in no event exceed the amount recoverable from the Principal by the Primary Oblige under the Contract.

The rights of the Primary Oblige under the Performance Bond are subordinate in all respects to the Ultimate Oblige’s rights hereunder. The Primary Oblige shall have no right to receive any payments under the Performance Bond and the Surety shall make any and all payments under the Performance Bond to the Ultimate Oblige.

In the event of a conflict between the Performance Bond and this Rider, this Rider shall govern and control. All references to the Performance Bond, either in the Performance Bond or in this Rider, shall include and refer to the Performance Bond as supplemented and amended by this Rider. Except as herein modified, the Performance Bond shall be and remains in full force and effect.

Signed and Sealed:

**Principal**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

**Surety**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

**EXHIBIT 17B**  
**FORM OF PAYMENT BOND**

\* \* \* \* \*

Bond No. \_\_\_\_\_

WHEREAS, the Texas Department of Transportation (“**Obligee**”), has awarded to Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Principal**”), a Comprehensive Development Agreement for the SH 288 Toll Lanes Project in Harris County, duly executed and delivered as of [●], 2016 (the “**Agreement**”), on the terms and conditions set forth therein; and

WHEREAS, upon award of the Agreement, Principal is required to furnish a bond (this “**Bond**”) guaranteeing payment of claims by Contractors and Suppliers.

NOW, THEREFORE, Principal and [●], a [●] (“**Surety**”), an admitted surety insurer in the State of Texas, are held and firmly bound unto Obligee in the initial amount of \$20,000,000, subject to increase in accordance with the NTP2 Rider attached hereto (the “**Bonded Sum**”), for payment of which sum Principal and Surety jointly and severally firmly bind themselves and their successors and assigns.

THE CONDITION OF THIS BOND IS SUCH THAT if Principal shall fail to pay any valid claims by Contractors and Suppliers with respect to the Work, then Surety shall pay for the same in an amount not to exceed the Bonded Sum.

The following terms and conditions shall apply with respect to this Bond:

1. The CDA Documents are incorporated by reference herein. Capitalized terms not separately defined herein have the meanings assigned such terms in the Agreement.
2. No alteration, modification or supplement to the CDA Documents or the nature of the work to be performed thereunder, including without limitation any extension of time for performance, shall in any way affect the obligations of Surety under this Bond; provided that the aggregate dollar amount of TxDOT Changes without the Surety’s prior written consent thereto having been obtained, does not increase the cost of Construction Work by more than \$70,341,112. Surety waives notice of any alteration, modification, supplement or extension of time other than Change Orders for TxDOT Changes in excess of such amount.
3. Correspondence or claims relating to this Bond should be sent to Surety at the following address: [●].
4. This Bond shall inure to the benefit of Contractors and Suppliers with respect to the Work so as to give a right of action to such persons and their assigns in any suit brought upon this Bond.

**Signature Page Immediately Follows**



IN WITNESS WHEREOF, Principal and Surety have caused this Bond to be executed and delivered as of [●].

**Principal**

**Surety**

**Blueridge Transportation Group, LLC**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

*[Add Appropriate Surety Acknowledgments]*

**Surety**

\_\_\_\_\_  
Or Secretary Attest

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
Address: [●]

**NTP2 RIDER**

To be attached to and form a part of:

Bond No. \_\_\_\_\_

Type of Bond: Payment Bond

Dated Effective: [●]

By: Blueridge Transportation Group, LLC, as Principal

And by: [●], as Surety

In favor of: Texas Department of Transportation, as Obligee

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to the following:

The Bonded Sum hereunder shall increase to the amount of \$703,411,115 effective upon issuance by the Obligee of NTP2 under the Agreement.

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective as of [●].

Signed and Sealed:

**Principal**

**Surety**

**Blueridge Transportation Group, LLC**

**[●]**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

## MULTIPLE OBLIGEE RIDER

This Rider is executed concurrently with and shall be attached to and form a part of Payment Bond No. \_\_\_\_\_.

WHEREAS, [●] (hereinafter called the “**Principal**”), entered into a written agreement bearing the date of [●] (hereinafter called the “**Contract**”) with Blueridge Transportation Group, LLC, (hereinafter called the “**Primary Oblige**”) for the performance of [Design Work and Construction Work] for the SH 288 Toll Lanes Project in Harris County (the “**Project**”); and

WHEREAS, the Primary Oblige requires that Principal provide a payment bond and that the Texas Department of Transportation (“**TxDOT**”), be named as an additional obligee under the payment bond; and

WHEREAS, Principal and the Surety have agreed to execute and deliver this Rider concurrently with the execution of Performance Bond No. \_\_\_\_\_ (hereinafter referred to as “**Payment Bond**”) upon the conditions herein stated.

NOW, THEREFORE, the undersigned hereby agree and stipulate as follows: TxDOT is hereby added to the Payment Bond as a named obligee (hereinafter referred to as the “**Ultimate Oblige**”).

The Surety shall not be liable under the Payment Bond to the Primary Oblige, the Ultimate Oblige, or either of them, unless the Primary Oblige, the Ultimate Oblige, or either of them, shall make payments to the Principal (or in the case the Surety arranges for completion of the Contract, to the Surety) in accordance with the terms of the Contract as to payments and shall perform all other obligations to be performed under the Contract in all material respects at the time and in the manner therein set forth such that no material default by the Primary Oblige shall have occurred and be continuing under the Contract.

The aggregate liability of the Surety under this Payment Bond, to any or all of the obligees, is limited to the penal sum of the Payment Bond. The Ultimate Oblige’s rights hereunder are subject to the same defenses Principal and/or Surety have against the Primary Oblige; provided that the Ultimate Oblige has received notice and 30 days’ prior opportunity to cure breach or default by the Primary Oblige under the Contract. The total liability of the Surety shall in no event exceed the amount recoverable from the Principal by the Primary Oblige under the Contract.

The rights of the Primary Oblige under the Payment Bond are subordinate in all respects to the Ultimate Oblige’s rights hereunder. The Primary Oblige shall have no right to receive any payments under the Payment Bond and the Surety shall make any and all payments under the Payment Bond to the Ultimate Oblige.

In the event of a conflict between the Payment Bond and this Rider, this Rider shall govern and control. All references to the Payment Bond, either in the Payment Bond or in this Rider, shall include and refer to the Payment Bond as supplemented and amended by this Rider. Except as herein modified, the Payment Bond shall be and remains in full force and effect.

Signed and Sealed:

**Principal**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

**Surety**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]  
(Seal)

**EXHIBIT 18  
LANE RENTAL CHARGES; NONCOMPLIANCE EVENTS**

**TABLE 1  
LANE RENTAL CHARGES**

<b>Number of General Purpose Lanes Closed or Reduced in Width Below Minimum</b>	<b>Period A (Weekday AM Peak)</b>	<b>Period B (Weekday PM Peak)</b>	<b>Period C (Weekday Off Peak)</b>	<b>Period D (Weekend Peak)</b>	<b>Period E (Late Night)</b>
<b>Northbound – Section 1 (Harris County Link to IH 610)</b>					
1 Lane Closure	\$21,000	\$100	\$100	\$250	\$50
2 Lane Closures	\$132,000	\$13,000	\$13,000	\$25,000	\$50
<b>Northbound – Section 2 (IH 610 to US 59)</b>					
1 Lane Closure	\$1,500	\$100	\$100	\$100	\$0
2 Lane Closures	\$33,000	\$200	\$200	\$350	\$50
3 Lane Closures	\$177,000	\$19,000	\$19,000	\$41,000	\$50
<b>Southbound – Section 1 (Harris County Link to IH 610)</b>					
1 Lane Closure	\$100	\$8,000	\$100	\$100	\$50
2 Lane Closures	\$13,000	\$103,000	\$13,000	\$30,000	\$50
<b>Southbound – Section 2 (IH 610 to US 59)</b>					
1 Lane Closure	\$100	\$150	\$100	\$0	\$0
2 Lane Closures	\$200	\$1,500	\$200	\$200	\$50
3 Lane Closures	\$3,600	\$16,000	\$3,000	\$9,000	\$50

The hours that apply to each period are as follows:

- Period A: Monday through Friday, 5:00 AM to 9:00 AM
- Period B: Monday through Friday, 3:00 PM to 9:00 PM
- Period C: Monday through Friday, 9:00 AM to 3:00 PM
- Period D: Saturday and Sunday, 10:00 AM to 9:00 PM
- Period E: Sunday through Thursday, 9:00 PM to 5:00 AM; and Friday through Saturday, 9:00 PM to 10:00 AM

**TABLE 2  
NONCOMPLIANCE EVENTS AND POINTS**

<b>Ref</b>	<b>Main Heading</b>	<b>Sub Heading</b>	<b>Failure to:</b>	<b>Number of Points</b>	<b>Assessment Category</b>	<b>Cure Period</b>
1	General	Breach Notification	Notify TxDOT and Independent Engineer of the occurrence of any breach or failure specified in this Attachment in accordance with Section 28.1 of the Agreement.	2	C	None
2	Contracting and Labor Practices	Written Ethical Policies	Implement written policies for ethical standards within 90 days after the Effective Date in accordance with Section 23.7 of the Agreement.	2	B	30 Days
3	Contracting and Labor Practices	DBE Plan Compliance	Comply with the requirements of Section 23.9 of the Agreement with respect to the Disadvantaged Business Enterprise provisions.	2	A	30 Days
4	Project Management	Contractors	Comply with the requirements of Section 23.2.1 of the Agreement.	4	A	7 Days
5	Project Management	Inspection	Comply with a requirement of any Technical Provision Section or the Agreement with regard to inspection, except where provided elsewhere in this Attachment 1.	2	B	2 Days
6	Project Management	Key Personnel	Comply with a requirement with regard to Key Personnel of any Technical Provision Section or the Agreement, except where provided elsewhere in this Attachment 1.	2	B	14 Days
7	Project Management	Quality Management	Establish, maintain, update or comply with any requirement of a Quality Management Plan in accordance with Section 22.1 of the Agreement of Section 2.2 of the Technical Provisions.	2	A	7 Days
8	Project Management	Safety	Observe a requirement of the Safety Plan or to carry out any construction, operation or maintenance activity in contravention of (or in absence of) the safety plan or in a manner that represents a hazard to project workers or the general public in accordance with Section 2.5 of the Technical Provisions.	3	A	1 Day
9	Project Management	Schedule	Comply with a schedule requirement of any Technical Provision Section or the Agreement, except where provided elsewhere in this Attachment 1.	2	B	7 Days

Ref	Main Heading	Sub Heading	Failure to:	Number of Points	Assessment Category	Cure Period
10	Environmental Compliance	CEPP	Maintain and update the complete Comprehensive Environmental Protection Program (CEPP) as required by Sections 4.3 and 4.4 of the Technical Provisions.	2	A	7 Days
11	Environmental Compliance	Environmental Approvals	Comply with Section 4.2 of the Technical Provisions.	5	B	7 Days
12	Environmental Compliance	Mitigation	Comply with a requirement of Section 12.2.1 or 15.4 of the Agreement.	3	B	7 Days
13	Utility Adjustments	Maintain service	Maintain a utility service fully operational in accordance with Section 6.4 of the Technical Provisions.	3	A	3 Days
14	Design and Construction	Implementation of Directive Letters	Implement a Directive Letter in accordance with Section 13.3 of the Agreement	3	B	14 Days
15	Operations and Maintenance	Accident Reduction Program	Implement an accident monitoring and reduction program in accordance with Section 19.2.3 of the Technical Provisions	2	B	14 Days
16	Operations and Maintenance	Asset Condition	Achieve a mean Asset Condition Score of 3.5 or more for any Element Category in any quarterly audit as described in Section 19.3.6 of the Technical Provisions.	6	C	None
17	Operations and Maintenance	Asset Condition	Achieve a mean Asset Condition Score of 2.5 or more for any Element Category in any quarterly audit as described in Section 19.3.7 of the Technical Provisions.	6	C	None
18	Operations and Maintenance	Asset Condition	Achieve an Asset Condition Score of 3 or more in any quarterly audit as described in Section 19.3.6 of the Technical Provisions.	6	C	None
19	Operations and Maintenance	Asset Condition	Achieve an Asset Condition Score of 2 or more as described in Section 19.3.7 of the Technical Provisions.	6	C	None
20	Operations and Maintenance	Category 1 Defect	Address a Category 1 defect within the time period shown in the Performance and Measurement Table.	3	B	PMT
21	Operations and Maintenance	Handback Requirements Reserve	Establish and fund the Handback Requirements Reserve when required and provide appropriate account information in accordance with Section 8.11 or <u>Exhibit 14</u> to the Agreement.	2	B	30 Days

<b>Ref</b>	<b>Main Heading</b>	<b>Sub Heading</b>	<b>Failure to:</b>	<b>Number of Points</b>	<b>Assessment Category</b>	<b>Cure Period</b>
22	Operations and Maintenance	Incident Management Plan	Comply with a requirement in respect of the Incident Management Plan as required by Section 18.2.4 of the Agreement, or 22.2 of the Technical Provisions where the failure impacts or has potential to impact on the level of service provided to Users or TxDOT's ability to meet its obligation.	4	B	7 Days
23	Operations and Maintenance	Operations Management Plan	Comply with a requirement in respect of the Operations Management Plan as required by Section 22.2 of the Technical Provisions where the failure impacts or has potential to impact on the level of service provided to Users or TxDOT's ability to meet its obligation, except where provided elsewhere in this Attachment 1.	3	B	7 Days
24	Operations and Maintenance	Patrolling	Conduct a patrol in accordance with Section 22.3.3 of the Technical provisions.	5	C	None
25	Operations and Maintenance	Maintenance Management Information System	Implement a Maintenance Management Information System in accordance with Section 19.5.3 of the Technical Provisions.	2	A	14 Days
26	Operations and Maintenance	Safety	Implement and perform Safety Compliance work in accordance with Section 25.5.2 of the Agreement.	2	B	3 Days
27	Operations and Maintenance	Technology Enhancements	Make a technology enhancement as and when necessary in accordance with Section 25.2 of the Agreement.	2	A	30 Days
28	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open in accordance with Section 18.3.2 of the Technical Provisions	3	C	None
29	Operations and Maintenance	Traffic Control Plans	Implement a traffic control measure in a manner consistent with a Traffic Control Plan as required by Section 18.3.1 of the Technical Provisions.	3	B	1 Day
30	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 1 during Period A following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that one lane more than permitted under such Section is closed or less than minimum width	3	B	1 Hour



<b>Ref</b>	<b>Main Heading</b>	<b>Sub Heading</b>	<b>Failure to:</b>	<b>Number of Points</b>	<b>Assessment Category</b>	<b>Cure Period</b>
31	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 1 during Period A following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	17	B	1 Hour
32	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 2 during Period A following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	4	B	1 Hour
33	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 2 during Period A following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that three lanes more than permitted under such Section are closed or less than minimum width	22	B	1 Hour
34	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 1 during Period A following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour
35	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 1 during Period B following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour

<b>Ref</b>	<b>Main Heading</b>	<b>Sub Heading</b>	<b>Failure to:</b>	<b>Number of Points</b>	<b>Assessment Category</b>	<b>Cure Period</b>
36	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 2 during Period B following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that three lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour
37	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 1 during Period B following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that one lane more than permitted under such Section is closed or less than minimum width	1	B	1 Hour
38	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 1 during Period B following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	13	B	1 Hour
39	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 2 during Period B following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that three lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour
40	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 1 during Period C following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour

<b>Ref</b>	<b>Main Heading</b>	<b>Sub Heading</b>	<b>Failure to:</b>	<b>Number of Points</b>	<b>Assessment Category</b>	<b>Cure Period</b>
41	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 2 during Period C following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that three lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour
42	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 1 during Period C following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	2	B	1 Hour
43	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 1 during Period D following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	3	B	1 Hour
44	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Northbound Section 2 during Period D following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that three lanes more than permitted under such Section are closed or less than minimum width	5	B	1 Hour
45	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 1 during Period D following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that two lanes more than permitted under such Section are closed or less than minimum width	4	B	1 Hour

Ref	Main Heading	Sub Heading	Failure to:	Number of Points	Assessment Category	Cure Period
46	Operations and Maintenance	Lane Closures	Maintain General Purpose Lane(s) open or with minimum width or greater for Southbound Section 2 during Period D following the applicable Service Commencement Date in accordance with Section 18.3.1.2 of the Technical Provisions, for each hour that three lanes more than permitted under such Section are closed or less than minimum width	1	B	1 Hour
47	Operations and Maintenance	Traffic Management Plan	Comply with the Traffic Management Plan as required by Section 18.2 of the Technical Provisions where the failure impacts or has the potential to impact on the level of service provided to Users or TxDOT's ability to meet its obligations.	3	B	1 Day
48	Tolling	Publicity of toll rates	Publicize and make available or otherwise provide the current or prevailing toll rate in accordance with <u>Exhibit 10</u> to the Agreement	2	C	None
49	Tolling	Toll pricing	Comply with the Toll Segment tolling methodology in accordance with <u>Exhibit 10</u> to the Agreement, other than as provided elsewhere in this Attachment 1.	4	C	None
50	Tolling	Tolling Operations	Comply with a requirement of Section 21.4 or 21.6 of the Technical Provisions.	3	B	7 Days
51	Tolling	User Privacy	Comply with Section 14.6.1 of the Agreement	2	A	7 Days
52	Tolling	User Privacy	Comply with Section 14.6.4 of the Agreement, other than as provided elsewhere in this Attachment 1.	2	A	7 Days

**EXHIBIT 19**  
**FORM OF DISPUTES BOARD AGREEMENT**

\* \* \* \* \*

**DISPUTES BOARD AGREEMENT**

This Disputes Board Agreement is made and entered into as of [●] (the “**Effective Date**”), by and between the Texas Department of Transportation (“**TxDOT**”), and Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Developer**”). TxDOT and Developer are sometimes referred to individually herein as a “**Party**” and collectively as the “**Parties**.”

**RECITALS**

A. TxDOT and Developer are parties to that certain Comprehensive Development Agreement, State Highway 288 Toll Lanes in Harris County, dated as of the Effective Date (the “**Agreement**”).

B. Section 30.3 of the Agreement, provides for the establishment and operation of a disputes review board to resolve each Dispute if, as and when a Dispute arises under the Agreement, other than certain Disputes specified in Section 30.1.4 of the Agreement.

NOW THEREFORE, in consideration of the terms, conditions, covenants and agreements contained herein and in the Agreement, the receipt and sufficiency of which the Parties hereby acknowledge, the Parties hereby agree as follows:

**SECTION 1**  
**DEFINITIONS AND REFERENCES**

**1.1 Definitions.** All capitalized terms used in this Disputes Board Agreement and not defined or modified herein shall have the same meaning as set forth in the Agreement.

**1.2 Reference Section of Agreement.** Section 30.3 of the Agreement discusses the Disputes Board’s role in resolving Disputes and is incorporated herein by reference.

**1.3 Section References.** Unless expressly indicated otherwise, all references in this Disputes Board Agreement to a “Section” mean the Section contained in this Disputes Board Agreement.

**SECTION 2**  
**PURPOSE AND ROLE**

**2.1 Purpose and Role of the Disputes Board; Binding Disputes Board Decision.** The sole purposes of the Disputes Board are to fairly and impartially consider all Disputes brought to it and to resolve such Disputes in a Disputes Board Decision. The Disputes Board is not a supervisory, advisory, or facilitating body and has no role other than as expressly described in this Disputes Board Agreement and in Section 30.3 of the Agreement. Notwithstanding that each Disputes Board member will have been engaged by a Party under a Disputes Board Member Joinder Agreement, none of the Disputes Board members shall consider themselves an appointee, representative, agent or advocate of the Party who engaged him or her. Disputes Board members are charged with discharging their responsibilities hereunder in an impartial, objective, independent and professional manner without regard to the particular interests of either Party.

**SECTION 3**  
**SELECTION, REPLACEMENT AND REMOVAL OF**  
**DISPUTES BOARD MEMBERS AND CANDIDATES**

**3.1 Selection of Disputes Board Candidates and Disputes Board Members**

3.1.1 At all times, each Party shall endeavor to maintain a list of five candidates who satisfy the Disputes Board Member Qualifications set forth in Section 4 and have been approved or deemed approved by the other Party to serve on the Disputes Board (each such list being a “**Disputes Board Member Candidates List**”). No Party shall communicate ex parte with a person on its or the other Party’s Disputes Board Member Candidates List regarding the substance of a Dispute.

3.1.2 Whenever, a Dispute that is subject to the Dispute Resolution Procedures is referred to the Disputes Board for resolution, each Party shall, within 15 days after notice of such referral is given or received (or within seven days after notice of a Fast-Track Dispute is given or received), appoint and engage one of the approved candidates on its Disputes Board Member Candidates List to serve on the Disputes Board. The Disputes Board empanelled to resolve each Dispute shall consist of three individuals, except as otherwise provided for resolution of Small Claims under Section 5.3.3 or as the Parties may agree pursuant to Section 3.1.4. The panel shall consist of (a) one member selected by TxDOT, (b) one member selected by Developer and (c) a third member selected pursuant to Section 3.1.3. To set forth the terms and conditions of such appointment and engagement, each Party and its appointed Disputes Board member shall enter into a Disputes Board Member Joinder Agreement in the form attached hereto as Attachment 1.

3.1.3 The two members whom TxDOT and Developer appoint to the Disputes Board shall, within 15 days after their appointment (or within seven days after their appointment, if the Dispute for resolution is a Fast-Track Dispute), select the third Disputes Board member (the “**Disputes Board Chair**”) from among the remaining candidates that appear on the Parties’ Disputes Board Member Candidate Lists. If the two Disputes Board members appointed by TxDOT and Developer are unable to reach agreement on their selection of the Disputes Board Chair within such time period, then either TxDOT or Developer or both shall request that the Chief Administrative Judge of the Travis County District Courts select the Disputes Board Chair from among the remaining candidates who appear on the Parties’ Disputes Board Member Candidates Lists and meet the Disputes Board Member Qualifications. Both Parties waive all rights to appeal the decision of the Chief Administrative Judge, except if the individual designated by such judge to serve as the Disputes Board Chair is not among the candidates remaining on the Parties’ Disputes Board Member Candidates Lists or does not meet the Disputes Board Member Qualifications. Within 15 days after the selection of the Disputes Board Chair by the two appointed members or the Chief Administrative Judge (or within seven days after such selection if the Dispute is a Fast-Track Dispute), the Party on whose list the Disputes Board Chair appears and the individual selected to serve as the Disputes Board Chair shall enter into a Disputes Board Member Joinder Agreement.

3.1.4 The Parties may mutually agree at any time prior to issuance of a Disputes Board Decision that the relevant Dispute shall be resolved by the Disputes Board Chair alone rather than by the three member panel, and any such agreement shall be irrevocable when signed in writing. If the Parties so agree, they shall issue a joint written directive stating their mutual agreement that the Disputes Board Chair alone shall resolve the relevant Dispute. Thereafter, the Disputes Board Chair rather than the Disputes Board shall resolve the relevant Dispute in accordance with the terms and conditions of this Disputes Board Agreement.

### 3.2 Replacing Candidates on a Party's Disputes Board Member Candidates List

3.2.1 At any time, either Party may replace any of the individuals on its Disputes Board Member Candidates List that are not then serving on the Disputes Board; *provided, however*, that no such individual shall be added to the Disputes Board Member Candidates List of the proposing Party (the “**Nominating Party**”) until complete Disclosure Statements on such individual are furnished to the other Party (the “**Evaluating Party**”) and the Evaluating Party approves or is deemed to approve such individual for inclusion on the Nominating Party's Disputes Board Member Candidates List. “**Disclosure Statements**” shall consist of the proposed Disputes Board Member candidate's resume of experience and a discussion of the Disputes Board Member Qualifications as they apply to the proposed candidate. Within 30 days after the Evaluating Party receives a proposed candidate's Disclosure Statements (the “**Disputes Board Member Candidate Evaluation Period**”), the Evaluating Party shall evaluate the proposed candidate's Disclosure Statements and notify the Nominating Party as to whether the candidate is approved by the Evaluating Party for inclusion on the Nominating Party's Disputes Board Member Candidates List.

3.2.2 During the Disputes Board Member Candidate Evaluation Period, the Evaluating Party (a) shall submit written inquiry to the Nominating Party if, in the Evaluating Party's reasonable judgment, the Disclosure Statements for the proposed candidate are incomplete such that, if they are not supplemented to the Evaluating Party's reasonable satisfaction, such incompleteness will comprise a basis for the Evaluating Party's disapproval of the proposed candidate and (b) may submit written inquiries to the Nominating Party if the Evaluating Party has questions or concerns about the proposed candidate's qualifications to serve on the Disputes Board in light of the Disputes Board Member Qualifications. Within 15 days after the Nominating Party's receipt of any such written inquiry from the Evaluating Party, the Nominating Party shall (or shall cause the proposed candidate to) furnish a written response to the Evaluating Party's inquiry. The Evaluating Party may submit up to three such written inquiries. The Disputes Board Member Candidate Evaluation Period shall be extended a total of 30 days (including the 15 day inquiry response period) for each written inquiry made by the Evaluating Party. The submission of incomplete Disclosure Statements (following written inquiry from the Evaluating Party so that the Nominating Party has the opportunity to supplement any such incomplete Disclosure Statements) or failure by the Nominating Party or its proposed candidate to fully respond to the Evaluating Party's written inquiry shall constitute a basis for the Evaluating Party to disapprove the proposed candidate during the Disputes Board Member Candidate Evaluation Period. If the Evaluating Party notifies the Nominating Party of its approval, or does not notify the Nominating Party of its disapproval, of a proposed candidate within the Disputes Board Member Candidate Evaluation Period (as it may be extended), such candidate shall be approved or deemed approved by the Evaluating Party.

3.2.3 During the course of the Nominating Party replacing five consecutive potential candidates on its Disputes Board Member Candidates List on a cumulative basis over time, the Evaluating Party may, upon notice to the Nominating Party, disapprove up to two proposed candidates for any or no reason. The Evaluating Party may, upon notice to the Nominating Party, only disapprove subsequently proposed candidates of the Nominating Party based on any such candidate's failure to satisfy the Disputes Board Member Qualifications (which failure shall be described in reasonable detail in the Evaluating Party's notice of disapproval).

3.2.4 If the Evaluating Party does not approve a proposed candidate for inclusion on the Nominating Party's Disputes Board Member Candidates List, the Nominating Party shall propose subsequent candidates in reasonably rapid succession, and the selection process shall continue until the Evaluating Party's approval is obtained or deemed obtained as to a proposed candidate's inclusion on the Nominating Party's Disputes Board Member Candidates List.

3.2.5 If the Evaluating Party disapproves a proposed candidate of the Nominating Party due to failure of such candidate to satisfy the Disputes Board Member Qualifications, but the Nominating Party disagrees that such candidate is not qualified or eligible for service, the Nominating Party may seek resolution pursuant to Section 30.3 of the Agreement.

### **3.3 Removal of Disputes Board Member; Appointment of Replacement**

3.3.1 Subject to Section 3.3.2, any of the Persons specified in this Section 3.3.1 at any time may terminate the appointment of a Disputes Board member (including the Disputes Board Chair) due to (a) Disputes Board Member Conflict of Interest or (b) Disputes Board Member Misconduct (such termination constituting a termination “For Cause” hereunder). Subject to Section 3.3.2, termination for Cause shall be effective upon service of such Person’s notice of termination on the affected Disputes Board member and the Parties. Following termination and removal For Cause, or the death or resignation of a Disputes Board member, the Disputes Board shall not proceed with the resolution of the applicable Dispute until a replacement has been appointed.

(a) Any two members of the Disputes Board may terminate the third Disputes Board member’s appointment For Cause;

(b) TxDOT and Developer may, upon mutual agreement, terminate any Disputes Board member’s appointment For Cause or without cause; and

(c) TxDOT or Developer may unilaterally terminate the appointment of any Disputes Board member For Cause.

3.3.2 If a Disputes Board member’s appointment is terminated For Cause and a Party disagrees that such Disputes Board member should have been terminated For Cause, such Party may, within five Business Days after such Party receives notice of the Disputes Board member’s termination of appointment, seek resolution pursuant to Article 30 of the Agreement. The Disputes Board member who is the subject of the disputed termination For Cause shall not participate in the resolution of such Dispute, but may be called to provide testimony and evidence. A Party may not unilaterally or by mutual agreement with the other Party terminate the appointment of any Disputes Board member For Cause and then dispute the propriety of such termination. If the resolution of the Dispute is that termination of a Disputes Board member For Cause was unjustified, such termination shall be void.

3.3.3 In the event that one or more Disputes Board members needs to be replaced due to removal, death or resignation of one or more Disputes Board members, replacement Disputes Board members shall be appointed in the same manner as the predecessor Disputes Board members until the Disputes Board is reconstituted as a three person board. The Parties shall commence the process to appoint each replacement Disputes Board member as soon as notice of removal, death or resignation is given or received and shall complete the appointment as soon as possible, but in no event more than 30 days thereafter.

## **SECTION 4 QUALIFICATIONS AND CONDUCT OF DISPUTES BOARD MEMBERS**

“**Disputes Board Member Qualifications**,” as they pertain to each Disputes Board Member or proposed candidate for inclusion on a Party’s Disputes Board Member Candidates List, consist of the requisite experience described in Section 4.1 and the absence of grounds for disqualification as described in Section 4.2.



**4.1 Requisite Experience.** All Disputes Board members shall be attorneys who (a) are retired judges with at least 10 years prior experience as a sitting judge or (b) are active members of the State Bar of Texas or any other state bar (of the United States) with at least 10 years prior experience acting as mediators, arbitrators or dispute board members for commercial disputes, in either case who have not been subject to disciplinary action within the past 10 years. Preference shall be given to attorneys who, in addition to meeting the foregoing qualifications, are also experienced in interpreting or adjudicating contract rights and claims involving financing, design, construction, operations and/or maintenance of public infrastructure projects. The other Party cannot disapprove a proposed candidate for inclusion on a Party's Disputes Board Member Candidates List due to lack of preferred qualifications if the Disputes Board Member Candidates List includes two other candidates who have one of the preferred qualifications.

**4.2 Disqualification.** No Disputes Board member shall have a Disputes Board Member Conflict of Interest or a financial interest in the Project, in any Contract or in the outcome of any Dispute decided hereunder, except for payments to that member for services on the Disputes Board.

### **4.3 Effect of Party's Prior Approval of Disputes Board Member**

4.3.1 An Evaluating Party's approval or deemed approval of a proposed candidate for inclusion on the Nominating Party's Disputes Board Member Candidates List shall constitute an irrevocable waiver of any subsequent objection to such individual's lack of qualifications under Section 4.1 (except if such individual's lack of qualifications constitutes Disputes Board Member Misconduct, as addressed in Section 4.3.2).

4.3.2 No approval or deemed approval by the Evaluating Party of a proposed candidate for inclusion on the Nominating Party's Disputes Board Member Candidates List shall constitute a waiver of any objection to a Disputes Board Member Conflict of Interest or Disputes Board Member Misconduct of such individual under Section 4.2, except that any matter fully disclosed in an individual's Disclosure Statements prior to inclusion of such individual on the Nominating Party's Disputes Board Member Candidates List with the approval or deemed approval of the Evaluating Party may not be subsequently asserted by the Evaluating Party as a Disputes Board Member Conflict of Interest or Disputes Board Member Misconduct constituting grounds for termination and removal of such individual from the Nominating Party's Disputes Board Member Candidates List or from service as a Disputes Board member.

## **SECTION 5 PROCEDURES AND SCOPE OF WORK OF THE DISPUTES BOARD**

**5.1 Procedures; Modification of Procedures.** The Disputes Board shall conduct its proceedings to resolve a Dispute in accordance with the requirements specified or referenced herein; *provided, however*, that: (a) the Parties may jointly modify the procedures applicable to the Disputes Board's proceedings to resolve a Dispute, effective upon the Disputes Board Chair's receipt of the Parties' written notice describing such modification in detail (the foregoing being without limitation to any requirements applicable to the Parties' amendment of the Agreement or any requirements applicable to modification of the DRP Rules or the Sections of the Code under which the DRP Rules are promulgated); and (b) the Disputes Board may modify the procedures applicable to its proceedings to resolve a Dispute so as to be more responsive to the needs of the Parties; provided that (i) the Disputes Board Chair issues written notice to the Parties describing the proposed modification in detail and (ii) both Parties give their written consent thereto. Such modification shall take effect upon the Disputes Board Chair's receipt of the Parties' written consent.

**5.2 Jurisdiction.** If a responding Party asserts that a particular claim, demand, dispute, disagreement or controversy is a matter identified in Section 30.1.4 of the Agreement as beyond the Disputes Board’s authority, the Disputes Board shall hear, consider and render a determination with respect to such assertion as a preliminary matter prior to consideration of the underlying matter. If the Disputes Board determines that the claim, demand, dispute, disagreement or controversy is a matter identified in Section 30.1.4 of the Agreement as beyond its authority, then it shall issue a Disputes Board Decision dismissing the same, without prejudice to the claiming Party’s right to appeal such Disputes Board Decision in accordance with Section 30.4.1 of the Agreement or to pursue the claim, demand, dispute, disagreement or controversy in the proper jurisdiction. If the Disputes Board determines the claim, demand, dispute, disagreement or controversy is a matter within its authority, it shall issue such determination in writing to the Parties, including its reasoning, proceed to consideration of the underlying matter, and include in the Disputes Board Decision on the underlying matter findings of fact, conclusions and a decision on the issue of its authority. No appeal may be taken from the Disputes Board’s determination that it has the requisite authority over the matter until a Disputes Board Decision is rendered on the underlying matter. If the responding Party asserts lack of authority before the Disputes Board prior to hearings on the underlying matter, then the responding Party’s appearance in the Disputes Board proceedings to contest the underlying matter shall be without waiver of or prejudice to its right to appeal in accordance with Article 30 of the Agreement the Disputes Board’s determination of authority.

### **5.3 Procedures for Disputes Board’s Resolution of Disputes**

5.3.1 The Disputes Board shall conduct its proceedings in accordance with the Commercial Rules, including any time periods listed therein for actions by the Disputes Board. “**Commercial Rules**” means the dispute resolution proceedings set forth in Attachment 2 attached hereto. For Fast-Track Disputes, the time frames provided in the Commercial Rules for Expedited Procedures (as defined in Attachment 2) shall apply in accordance with the Commercial Rules.

5.3.2 Each Disputes Board member, or the Disputes Board Chair on behalf of the Disputes Board, shall promptly notify the Parties if any circumstance has arisen or is likely to arise that would prevent prompt resolution of the applicable Dispute in accordance with the Commercial Rules and this Disputes Board Agreement.

5.3.3 The following provisions pertain to Small Claims:

(a) A “**Small Claim**” is a Claim or related or similar Claims that arise fairly contemporaneously out of the same set of acts, events or circumstances, that the Parties mutually agree to have resolved solely by the Disputes Board Chair, and that the Parties mutually agree will be subject to an aggregate cap on award. A non-binding example of a Small Claim is where the cumulative amount in controversy of a Claim or related or similar Claims is \$500,000 or less.

(b) Once the Disputes Board Chair is appointed to resolve a Small Claim, the other two Disputes Board member shall be released from further service. Alternately, the Parties may, but are not obligated to, bypass appointment of two Disputes Board members and directly select a mutually acceptable individual from the Disputes Board Member Candidates Lists to serve as the Disputes Board Chair to resolve the Small Claim. Thereafter, in the context of the Disputes Board Chair’s resolution of a Small Claim hereunder, all references in the dispute resolution procedures established in Section 30.3 of the Agreement to the “Disputes Board” or the “Disputes Board members” shall mean and refer to the Disputes Board Chair. At any time prior to the close of the Disputes Board hearing under R-27 of the Commercial Rules, if, due to amendment of the Dispute as to the amount in controversy, aggregation of the Dispute with other Disputes or other changes that cause a Party to no longer consent to resolution of the Dispute as a Small Claim by the Disputes Board Chair, such Party may, upon notice to the Disputes

Board Chair and the other Party, withdraw its assent to resolution of the Dispute as a Small Claim by the Disputes Board Chair and require that a full three-member Disputes Board be empanelled to resolve such Dispute.

(c) The Disputes Board Chair shall have no authority to award compensation or damages in a Disputes Board Decision regarding a Small Claim aggregating more than the mutually agreed aggregate cap on award, and TxDOT or Developer as the claiming Party, as the case may be, asserting a Small Claim hereby irrevocably waives any right, at law or in equity, to any damages or award arising out of such Small Claim in excess of such cap

**5.4 Aggregation of Disputes.** Either Party shall be entitled to request the Disputes Board to aggregate the consideration of multiple Disputes for resolution by the Disputes Board where common questions of fact, Law and contract interpretation and the efficiencies to be gained in conducting a single proceeding to resolve all such Disputes merit the aggregate consideration of all such Disputes. Upon receipt of such a request, the Disputes Board shall consider the aggregated Disputes in a single proceeding unless, as a preliminary matter, the Disputes Board determines (after considering any evidence presented by the Parties in support of, or in opposition to, the proposed aggregation) that this is inappropriate. The Disputes Board shall revise or deny the proposed aggregation if there are insufficient common questions of fact, Law and contract interpretation among the proposed aggregated Disputes, or if the efficiencies to be gained by conducting a single proceeding to resolve such Disputes are outweighed by the need for separate and independent resolution of some or all of the proposed aggregated Disputes. The Disputes Board shall specify, in a Disputes Board Decision on this matter, which Disputes (if any) are to be aggregated and which Disputes (if any) are to be excluded from aggregation. Those not aggregated shall be considered by a separately empanelled Disputes Board in a separate proceeding. A Disputes Board Decision regarding whether Disputes will be aggregated for resolution in a single proceeding before the Disputes Board shall be final, binding and not subject to appeal.

**5.5 Issuance of Disputes Board Decision and Any Minority Report.** The Disputes Board should make every effort to reach a unanimous decision among the Disputes Board members. If this proves infeasible, the dissenting Disputes Board member may prepare a minority report. Within 20 days after the final hearing on a Dispute (and within five days after the final hearing on a Fast-Track Dispute), the Disputes Board Chair shall issue to the Parties the Disputes Board Decision, including the Disputes Board's written findings of fact and conclusions of law in support of the Disputes Board Decision.

**5.6 Confidential Materials; Return or Destruction Thereof.** "Confidential Materials" are all documents, other written materials and information presented or exchanged in a proceeding before the Disputes Board that are confidential pursuant to Section 30.8 of the Agreement. Each Disputes Board member shall maintain the privacy of Confidential Materials pursuant to Section 30.8 of the Agreement. Within 30 days after the Disputes Board Chair receives written notice of issuance of a final, non-appealable order on a Dispute that was the subject of a Disputes Board Decision, the Disputes Board Chair shall furnish written notice to each Party listing the Confidential Materials in the Disputes Board's possession and, except for those Confidential Materials that a Party directs the Disputes Board to return to such Party in writing within 15 days after receipt of such notice, the Disputes Board Chair shall destroy all copies of all Confidential Materials in the Disputes Board's possession. Until the time for the Disputes Board Chair's issuance of the foregoing written notice, the Disputes Board shall hold all Confidential Materials in confidence.

**5.7 Dissolution of Disputes Board.** Once there is issued a final, non-appealable order on a Dispute that was the subject of a the Disputes Board Decision, the Disputes Board shall be dissolved and the Disputes Board members serving on such Disputes Board shall be released from further service.

**SECTION 6  
TXDOT AND DEVELOPER RESPONSIBILITIES**

**6.1 TxDOT Responsibilities.** TxDOT shall serve upon each Disputes Board member one copy of the Agreement. TxDOT shall also serve upon each Disputes Board member (and concurrently upon Developer) any other documents which are or may become pertinent to the activities of the Disputes Board, including but not limited to any Change Order, Directive Letter or other written direction, instruction, determination or decision of TxDOT.

**6.2 Developer Responsibilities.** Developer shall serve on each Disputes Board member (and concurrently on TxDOT) one set of any documents which are or may become pertinent to the activities of the Disputes Board, except those documents furnished by TxDOT. Such documents may include, but shall not be limited to, any drawings or sketches, calculations, procedures, schedules, estimates or other documents and Submittals which are used in the performance of the Work or in justifying or substantiating Developer's position.

**6.3 Parties' Responsibilities for Costs and Expenses; Cooperation**

6.3.1 Each Party shall be responsible and make payment for its one-half share of all facilities fees, support services costs and other expenses of the Disputes Board's proceedings within 30 days after receipt of invoices for such costs and expenses. A Party that disputes an invoice for any such cost or expense relating to the Disputes Board's proceedings shall notify the other Party of such dispute promptly after receipt of such invoice. If either Party fails to pay its share of the amount owing under any invoice for such costs and expenses at the time required for payment, then, unless the non-paying Party has promptly disputed the amount due, (a) the other Party may make payment in lieu of the non-paying Party and (b) the paying Party will be entitled to recover (or offset) the amount paid on behalf of the refusing Party, with interest at a floating rate equal to the LIBOR in effect from time to time until the date the amount due is paid, no matter which Party is the prevailing Party.

6.3.2 Each Party shall diligently cooperate with the Disputes Board and the other Party and shall perform such acts as may be necessary to obtain an efficient and expeditious resolution of the Dispute submitted to the Disputes Board. If either Party fails to diligently cooperate with the Disputes Board or the other Party (upon evidence of such failure presented to and evaluated by the Disputes Board) and the Disputes Board determines that such failure was egregious, the Disputes Board shall take into account such egregious failure to cooperate in its Disputes Board Decision; subject, however, to the limitations on the Disputes Board's authority set forth in Section 30.3.1 of the Agreement.

**SECTION 7  
TERM**

**7.1 Term.** Consistent with the DRP Rules, the term of this Disputes Board Agreement shall commence on the Effective Date and continue in full force and effect for the Term of the Agreement and thereafter for so long as either Party has any obligation under the CDA Documents until the applicable statute of limitations on any Dispute in regard to such obligation has expired.

**SECTION 8  
PAYMENT OF DISPUTES BOARD MEMBERS' FEES, COSTS AND EXPENSES**

**8.1 Payment for Services.** Payment of fees for work performed and services rendered by each Disputes Board member and for his or her direct out-of-pocket costs and expenses shall be calculated in accordance with the payment terms set forth for such Disputes Board member in his or her Disputes

Board Member Joinder Agreement. The personal services of the Disputes Board member are a condition to receiving payments hereunder. Such payments shall be full compensation for work performed and services rendered by each respective Disputes Board member, and for all labor, materials, supplies, equipment and incidentals necessary for such Disputes Board member's participation on the Disputes Board.

**8.2 Disputes Board Member Invoices.** Each Disputes Board member shall submit invoices concurrently to TxDOT and Developer on a monthly basis for payment of the full amount due for such Disputes Board member's work performed and services rendered in the prior month. Such invoices shall be in a format approved by TxDOT and Developer, accompanied by an itemization of days and hours billed along with a description of activities performed during each day in that billing period, and an itemization of direct non-salary costs incurred supported by copies of the original bills, invoices, expense accounts and miscellaneous supporting data. Such invoices shall specify that the invoiced Party is responsible only for one-half of the invoiced amount. The amount to be paid shall be established from the applicable billing rate set forth in each Disputes Board member's Disputes Board Member Joinder Agreement plus costs and expenses in accordance with such agreement.

**8.3 Payment by Parties.** Each Party shall be responsible and make payment for one-half of all fees, costs and expenses of the Disputes Board members' service on the Disputes Board. Such costs and expenses include, but are not limited to, required travel of the Disputes Board members, and the costs of witnesses and of any proof produced at the direct request of the Disputes Board. Each Disputes Board member will be paid within 30 days of the Parties' receipt and acceptance of invoices therefor. A Party that disputes a Disputes Board member's invoice shall notify such member and the other Party in writing of such dispute promptly after receipt of such invoice. If either Party fails to pay its share of the amount owing to any Disputes Board member at the time required for payment, then, unless the non-paying Party has promptly disputed the amount due, (a) the other Party may make payment in lieu of the non-paying Party and (b) the paying Party will be entitled to recover (or offset) the amount paid on behalf of the refusing Party, with interest at a floating rate equal to the LIBOR in effect from time to time until the date the amount due is paid, no matter which Party is the prevailing Party.

**8.4 Retention of Cost Records and Accounts.** Disputes Board members shall keep available for inspection by representatives of TxDOT and Developer, for a period of five years after final payment, the cost records and accounts pertaining to this Disputes Board Agreement and the performance of work and rendition of services as a member of the Disputes Board. If any claim arising out of the Disputes Board member's services or compensation under this Disputes Board Agreement is initiated before the expiration of the five year period, the Disputes Board member shall retain the cost records and accounts until such claim is completed.

**8.5 Parties to Bear Own Costs.** Each Party shall bear its own costs arising out of or in connection with the Dispute Resolution Procedures. The Party producing a witness shall bear the fees, costs and expenses of such witness, except that the Parties shall split the expenses for any expert witness retained by the Disputes Board to advise them regarding a Dispute.

## SECTION 9 GENERAL PROVISIONS

**9.1 Nonassignability.** Disputes Board members shall not assign or delegate any of the work or services to be rendered in connection with the Dispute Resolution Procedures without the prior written consent of both TxDOT and Developer.

**9.2 Disputes Board Member as Independent Contractor.** The Parties mutually understand and agree that any Disputes Board member, in the performance of duties as a Disputes Board member on the Disputes Board, is acting in the capacity of an independent contractor and not as an employee or agent of TxDOT or Developer. No Disputes Board member will be entitled to any employee benefits from either Party.

**9.3 No Effect on Potential Liabilities.** Except for the payment, offset and reimbursement obligations agreed to by the Parties as set forth herein, nothing in this Disputes Board Agreement alters the potential liabilities of either Party.

**9.4 Damages Waiver.** Neither TxDOT nor Developer will hold any Disputes Board member responsible for claims, damages, losses and expenses, including, but not limited to attorneys' fees and expenses, arising out of or resulting from the actions and recommendations of the Disputes Board, and the Parties expressly waive any right to the foregoing, except as a result of fraud, willful misconduct or criminal actions of the applicable Disputes Board member.

**9.5 Applicable Law.** The Disputes for resolution by the Disputes Board shall be governed by and resolved under the Laws of the State of Texas, without regard to conflicts of law principles that would refer one to the Laws of another State.

**9.6 Amendment in Writing.** This Disputes Board Agreement may be altered, amended or revoked only by an instrument in writing signed by each Party. No verbal agreement or implied covenant or agreement shall be held to vary the terms hereof, any statute, law or custom to the contrary notwithstanding.

**9.7 Complementary Provisions; Order of Priority.** The Parties intend for the procedures established in Section 30.3 of the Agreement and the terms and conditions of this Disputes Board Agreement to be complementary. In the event of any conflict between this Disputes Board Agreement and Section 30.3 of the Agreement, the Agreement shall control.

**9.8 Notices.** Notices hereunder shall be sent as provided in Section 35.12 of the Agreement. The address for each Disputes Board member shall be set forth on the signature page of each Disputes Board Member Joinder Agreement.

**9.9 Counterparts.** This instrument may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, the Parties, intending to be legally bound, have executed this Disputes Board Agreement as of the Effective Date.

**Developer**

**TxDOT**

**Blueridge Transportation Group, LLC**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

## ATTACHMENT 1 TO DISPUTES BOARD AGREEMENT

\* \* \* \* \*

### DISPUTES BOARD MEMBER JOINDER AGREEMENT

This DISPUTES BOARD MEMBER JOINDER AGREEMENT is entered into as of [●], by and between [*Specify TxDOT or Developer*] (the “**Appointing Party**”), and [●], an individual (the “**Disputes Board Member**”).

#### RECITALS

A. TxDOT and Developer are parties to that certain Comprehensive Development Agreement, SH 288 Toll Lanes in Harris County Project, dated as of the Effective Date (the “**Agreement**”).

B. Section 30.3 of the Agreement provides for the establishment and operation of a Disputes Board to resolve Disputes.

C. The Appointing Party desires to appoint the Disputes Board Member to the Disputes Board to resolve such a dispute and the Disputes Board Member desires to accept such appointment, each on the terms and conditions set forth in Section 30.3 of the Agreement, the Disputes Board Agreement and this Disputes Board Member Joinder Agreement.

NOW THEREFORE, in consideration of the terms, conditions, covenants and agreements contained herein and in the Disputes Board Agreement, the receipt and sufficiency of which the parties hereto hereby acknowledge, the parties hereto hereby agree as follows:

#### SECTION 1 DEFINITIONS AND REFERENCES

**1.1 Definitions.** All capitalized terms used in this Disputes Board Member Joinder Agreement and not defined or modified herein shall have the respective meanings set forth in the Agreement .and, if not defined therein, in the Disputes Board Agreement.

**1.2 Reference to Disputes Board Agreement and Section 30.3 of Agreement.** The Disputes Board Agreement and Section 30.3 of the Agreement, which, among other things, discusses the Disputes Board’s role in resolving Disputes, are incorporated herein by reference.

#### SECTION 2 APPOINTMENT

**2.1 Appointment.** The Appointing Party appoints the Disputes Board Member to the Disputes Board to serve thereupon and resolve the applicable Dispute, and the Disputes Board Member accepts such appointment and agrees to perform such service, in accordance with the terms and conditions of Section 30.3 of the Agreement, the Disputes Board Agreement and this Disputes Board Member Joinder Agreement.

**2.2 Term of Service.** The Disputes Board Member shall serve on the Disputes Board through issuance of a final, non-appealable order concerning the applicable Dispute, except that (a) unless he or she is the Disputes Board Chair, he or she may be earlier dismissed from service pursuant to Section



5.5.3(b) of the Disputes Board Agreement because the dispute to be resolved is a Small Claim; (b) the Disputes Board Member may resign for health considerations or other reasons of disability; or (c) the Disputes Board Member shall resign if he or she discovers facts or circumstances that would, in such member's good faith judgment, (i) prevent such member from discharging his or her duties in the impartial and objective manner required under the Disputes Board Agreement or (ii) result in a Party terminating such member's appointment For Cause. The Disputes Board Member shall endeavor to give 30 days' notice prior to the effective date of his or her resignation

### **SECTION 3 REPRESENTATIONS, WARRANTIES AND COVENANTS**

**3.1 Representations and Warranties.** The Disputes Board Member hereby represents and warrants to TxDOT and Developer that such Disputes Board Member satisfies the Disputes Board Member Qualifications.

**3.2 Covenants.** The Disputes Board Member covenants to TxDOT and Developer that he or she (a) shall be bound by and perform such member's obligations with respect to the Dispute Resolution Procedures in accordance with Section 30.3 of the Agreement; (b) shall not engage in any conduct that would be or result in a Disputes Board Member Conflict of Interest or Disputes Board Member Misconduct; and (c) shall preserve, maintain and protect the confidentiality of Confidential Materials in accordance with Section 30.8 of the Agreement.

### **SECTION 4 COMPENSATION**

**4.1 Invoicing and Payment.** The Disputes Board Member's hourly billing rate and costs and expenses for service on the Disputes Board or means for calculating the same are attached hereto as Annex 1. Invoicing and payment of fees, costs and expenses shall take place in accordance with Sections 8.1, 8.2 and 8.3 of the Disputes Board Agreement.

**4.2 No Compensation After Termination.** If the Disputes Board Member's appointment to the Disputes Board is terminated, whether For Cause or otherwise, the Disputes Board Member will not be entitled to receive payment for any services rendered or costs and expenses incurred after the date of termination of such appointment.

### **SECTION 5 GENERAL PROVISIONS**

**5.1 Third-Party Beneficiary.** Whichever of TxDOT or Developer that is not the Appointing Party is an express third-party beneficiary of this Disputes Board Member Joinder Agreement entitled to enforce the terms and conditions hereof against the Disputes. Board Member.

**5.2 Nonassignability.** The Disputes Board Member shall not assign or delegate any of the work or services to be rendered in connection with the Dispute Resolution Procedures without the prior written consent of both TxDOT and Developer.

**5.3 Disputes Board Member as Independent Contractor.** The Disputes Board Member is acting in the capacity of an independent contractor and not as an employee or agent of TxDOT or Developer. The Disputes Board Member is not entitled to any employee benefits from either Party.

**5.4 Consequential Damages Waiver.** In no event shall TxDOT or Developer have any liability to the Disputes Board Member other than for payment of the Disputes Board Member's fees, costs and expenses hereunder. Neither TxDOT nor Developer shall be liable to the Disputes Board Member for any special, consequential, indirect, enhanced, punitive, or similar damages (including lost profits that are not direct damages), including but not limited to attorneys' fees and expenses, arising under or in connection with this Disputes Board Member Joinder Agreement, and the Disputes Board Member expressly waives any right to the foregoing.

**5.5 Governing Law.** This Disputes Board Member Joinder Agreement shall be governed by and construed in accordance with the Laws of the State of Texas, without regard to conflicts of law principles that would refer one to the Laws of another State.

**5.6 Entire Agreement.** This Disputes Board Member Joinder Agreement, and the documents referenced herein, contain the entire understanding of the parties hereto with respect to the subject matter hereof and supersede all prior agreements, understandings, statements, representations and negotiations between the parties hereto with respect to its subject matter.

**5.7 Amendment in Writing.** This Disputes Board Member Joinder Agreement may be altered, amended or revoked only by an instrument in writing signed by each Party. No verbal agreement or implied covenant or agreement shall be held to vary the terms hereof, any statute, law or custom to the contrary notwithstanding.

**5.8 Survival.** This Disputes Board Member Joinder Agreement shall automatically terminate upon expiration or termination of the Disputes Board Member's service hereunder, except that the provisions of Section 4.2 and this Section 5 shall survive termination of this Disputes Board Member Joinder Agreement.

**5.9 Counterparts.** This instrument may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

**Signature Page Immediately Follows**

IN WITNESS WHERE, the parties hereto, intending to be legally bound, have executed this Disputes Board Member Joinder Agreement as of the day and year first set forth above.

**Appointing Party**

**Disputes Board Member**

**[TxDOT or Developer]**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

By: \_\_\_\_\_  
Name: [●]  
Address: [●]

**ANNEX 1 TO DISPUTES BOARD MEMBER JOINDER AGREEMENT**

**FEES, COSTS AND EXPENSES**

*[To Be Attached]*

## ATTACHMENT 2 TO DISPUTES BOARD AGREEMENT

### COMMERCIAL RULES

#### R-1 Agreement of The Parties

(a) The “Expedited Procedures” means the rules set forth in Sections E-1 through E-6 below. Unless the Parties determine otherwise, the Expedited Procedures shall apply to Fast-Track Disputes in addition to any other portion of these rules that is not in conflict with the Expedited Procedures.

(b) The “Procedures for Large, Complex Commercial Disputes” means the rules set forth in Sections L-1 through L-3 below. Unless the Parties agree otherwise, such Procedures shall apply to all cases in which the Dispute is valued at \$500,000 or more, exclusive of claimed interest, fees and costs *provided, however*, that the amount of \$500,000 shall be adjusted on every fifth anniversary of the Effective Date by the percentage increase (if any) in the CPI between the date the CPI was most recently published before the Effective Date and the date most recently published before the date of adjustment. The Parties may also agree to use such Procedures in cases involving non-monetary Disputes. Such Procedures shall be applied in addition to any other portion of these rules that is not in conflict with the Procedures for Large, Complex Commercial Disputes.

(c) All other cases shall be administered in accordance with Sections R-2 through R-43 of these rules.

(d) If there is any inconsistency between these Commercial Rules and Section 30.3 of the Agreement or the Disputes Board Agreement, Section 30.3 of the Agreement and the Disputes Board Agreement shall control.

**R-2 Disputes Board.** The term “Disputes Board” in these Commercial Rules refers to the three member Disputes Board, constituted for a particular case, or to the Disputes Board Chair, as the context requires.

**R-3 Assumed Objection.** Unless the responding Party states otherwise in its response to the claiming Party’s notice of referral of a Dispute to the Disputes Board, all aspects of the Dispute will be deemed denied by the other Party (other than any objection to the Disputes Board’s authority to resolve the Dispute, which must be affirmatively asserted).

**R-4 Changes of Claim.** After notice of referral of a Dispute to the Disputes Board is given or received, if either Party desires to make any amended, new or different claim or counterclaim, it shall be made in writing and filed with the Disputes Board. The Party asserting such an amended, new or different claim or counterclaim shall provide a copy to the other Party, who shall have 15 days from the date of such transmission within which to file an answering statement with the Disputes Board.

#### R-5 Jurisdiction

(a) The Disputes Board shall have the power to rule on its own jurisdiction, i.e., to determine if the Disputes Board is barred from considering and resolving an alleged Dispute pursuant to Section 30.1.4 of the Agreement.

(b) The Disputes Board shall rule on jurisdictional objections as a preliminary matter prior to proceeding with proceedings to resolve the underlying Dispute.

**R-6 Administrative Conference.** At the request of either Party or upon the Disputes Board's own initiative, the Disputes Board may conduct an administrative conference, in person or by telephone, with the Parties and/or their representatives. The conference may address such issues as the replacement of one or more Disputes Board members, potential mediation of the Dispute, potential exchange of information, a timetable for hearings and any other administrative matters.

**R-7 Appointment.** Because the Disputes Board Agreement between the Parties specifies a method of appointing a Disputes Board, that designation or method shall be followed.

**R-8 Disclosure**

(a) Any person appointed or to be appointed as a Disputes Board member shall disclose to the Parties any circumstance likely to give rise to justifiable doubt as to such Disputes Board member's impartiality or independence, including any bias or any financial or personal interest in the resolution of the Dispute or any past or present relationship with the Parties or their representatives. Such obligation shall remain in effect throughout the period of such member's service on the Disputes Board.

(b) In order to encourage disclosure by Disputes Board Members and candidates, disclosure of information pursuant to this R-8 is not to be construed as an indication that the disclosing individual considers that the disclosed circumstance is likely to affect impartiality or independence.

**R-9 Disqualification of Disputes Board Member.** Each Disputes Board member shall be impartial and independent and shall perform his or her duties with diligence and in good faith, and shall be subject to disqualification for (a) inability or refusal to perform his or her duties with diligence and in good faith, and (b) any grounds for disqualification provided by applicable law, the Disputes Board Agreement or the Agreement.

**R-10. No Ex Parte Communication with Disputes Board Members**

(a) During the period that any Disputes Board member is then serving on a Disputes Board, (i) neither Party, including the members of its Conflicts Group and its counsel or designated representatives, shall communicate ex parte with such Disputes Board member and (ii) no Disputes Board member shall communicate ex parte with any Person (other than other Disputes Board members), including but not limited to, either Party, its counsel or designated representatives, regarding any aspect of the applicable Dispute.

(b) Each Party may communicate in writing or by e-mail with individuals listed on its respective Disputes Board Member Candidates' List for the purposes of (i) ascertaining their availability to serve on a particular Disputes Board and/or (ii) reconfirming such individuals' qualifications under the Disputes Board Member Qualifications and the absence of Conflicts of Interest and Misconduct; provided that the communicating Party simultaneously furnishes copies of all such written correspondence with such individuals to the other Party. Ex parte communication regarding the substance of any Dispute between a Party and individuals listed on its respective Disputes Board Member Candidates' List is prohibited.

**R-11 Hearings After Filling of Vacancies.** In the event of the appointment of a substitute Disputes Board member, the panel of Disputes Board members shall determine in its sole discretion whether it is necessary to repeat all or part of any prior hearings.

## **R-12 Preliminary Hearing**

(a) At the request of either Party or at the discretion of the Disputes Board, the Disputes Board may schedule as soon as practicable a preliminary hearing with the Parties and/or their representatives. The preliminary hearing may be conducted by telephone at the Disputes Board's discretion.

(b) During the preliminary hearing, the Parties and the Disputes Board should discuss the future conduct of the case, including clarification of the nature of the Dispute, a schedule for the hearings and any other preliminary matters.

## **R-13 Exchange of Information; Discovery**

(a) At least five Business Days prior to the hearing, the Parties shall exchange (i) copies of all exhibits they intend to submit at the hearing and (ii) lists of witnesses anticipated to be called at the hearing, in each case except for witnesses or exhibits to be offered for the purpose of impeachment or rebuttal.

(b) The Disputes Board Chair is authorized to resolve any disputes concerning the exchange of information or the Parties' discovery.

**R-14 Date, Time, and Place of Hearing.** The Disputes Board Chair shall set the date, time, and place for each hearing at a neutral and reasonably cost-efficient location in Travis County, Texas that is reasonably convenient for the Parties. The Parties shall respond to requests for hearing dates in a timely manner, be cooperative in scheduling the earliest practicable date, and adhere to the established hearing schedule. The Disputes Board shall send a notice of hearing to the Parties at least five Business Days in advance of the hearing date, unless otherwise agreed by the Parties.

**R-15 Attendance of Witnesses.** Except for each Party's counsel and other authorized representative, upon the request of either Party or its own initiative, the Disputes Board shall have the power to require the exclusion of any witness or potential witness during the testimony of any other witness.

**R-16 Representation.** Counsel or other authorized representative may represent each Party. A Party intending to be so represented shall notify the other Party and the Disputes Board of the name and address of the representative at least three days prior to the date set for the hearing at which that person is first to appear. When such a representative initiates or responds for a Party in the course of the Dispute Resolution Procedures, notice is deemed to have been given by the Party represented by such representative.

**R-17 Disputes Board Members' Certifications; Witness Oaths.** Before proceeding with the first hearing, each Disputes Board member shall have entered into a Disputes Member Joinder Agreement with a Party in which he or she certifies as to his or her meeting the Disputes Board Member Qualifications and the absence of Disputes Board Member Conflicts of Interest and Disputes Board Member Misconduct (and a covenant to not engage in Disputes Board Member Misconduct). The Disputes Board shall require witnesses to testify under oath.

**R-18 Stenographic Record.** Any Party desiring a stenographic record shall make arrangements directly with a stenographer and shall notify the other Party of these arrangements at least three days in advance of the hearing. The requesting Party shall pay the cost of the record. If the transcript is agreed by the Parties, or determined by the Disputes Board to be the official record of the proceeding, it must be

provided to the Disputes Board and made available to the other Party for inspection, at a date, time, and place determined by the Disputes Board.

**R-19 Interpreters.** Any Party wishing an interpreter shall make all arrangements directly with the interpreter and shall assume the costs of the service.

**R-20 Postponements.** The Disputes Board may postpone any hearing upon agreement of the Parties, upon request of a Party for good cause shown, or upon the Disputes Board's own initiative for good cause shown.

**R-21 Proceedings in the Absence of a Party or Representative.** The Disputes Board's proceedings may proceed in the absence of either Party or representative who, after due notice, fails to be present or fails to obtain a postponement. A Disputes Board Decision shall not be made solely on the default of a Party. The Disputes Board shall require the Party who is present to submit such evidence as the Disputes Board may require for the making of a Disputes Board Decision.

## **R-22 Conduct of Proceedings**

(a) The claiming Party shall present evidence to support its claim. The responding Party shall then present evidence to support its defense. Witnesses for each Party shall also submit to questions from the Disputes Board and the adverse Party. The Disputes Board has the discretion to vary this procedure; provided that the Parties are treated with equality and that each Party has the right to be heard and is given a fair opportunity to present its case.

(b) The Disputes Board, exercising its discretion, shall conduct the proceedings with a view to expediting the resolution of the Dispute and may direct the order of proof, bifurcate proceedings and direct the Parties to focus their presentations on issues the decision of which could dispose of all or part of the case.

(c) The Parties may agree to waive oral hearings in any case.

## **R-23 Evidence**

(a) The Parties may offer such evidence as is relevant and material to the Dispute and shall produce such evidence as they or the Disputes Board deems relevant and necessary to an understanding and determination of the Dispute. Conformity to the Texas Rules of Evidence shall be required, except where these Commercial Rules contain a contrary rule. All evidence shall be taken in the presence of all of the Disputes Board members and both of the Parties, except where a Party fails to attend the hearing or has waived the right to be present.

(b) Subject to the Texas Rules of Evidence, the Disputes Board shall determine the admissibility, relevance, and materiality of the evidence offered and may exclude evidence deemed by the Disputes Board to be cumulative or irrelevant.

(c) The Disputes Board shall take into account applicable principles of legal privilege, such as those involving the confidentiality of communications between a lawyer and client.

(d) Special discovery and evidentiary rules:

(i) The Disputes Board Chair shall, at the request of either Party, issue subpoenas for the attendance of witnesses or the production of books, records, documents or other evidence, whether



for deposition or for hearing, in the manner provided by Law for issuance of a subpoena in a civil action pending in a State district court. All provisions of the Texas Rules of Civil Procedure for service and response to subpoenas in a civil action pending in State district court shall apply to subpoenas issued pursuant hereto.

(ii) Each Party shall be entitled to take depositions of witnesses and to propound written discovery in the manner, and to the extent, provided by Law for discovery in a civil action pending in a State district court, consistent with Rule 190.3 of the Texas Rules of Civil Procedure. The Disputes Board Chair shall, at the request of either Party, or may, on his or her own initiative, adopt a discovery control plan as contemplated by Rule 190.4 of the Texas Rules of Civil Procedure.

(iii) The disclosure of expert witness information and the depositions of designated expert witnesses shall be conducted as provided by the Texas Rules of Civil Procedure for cases in state district court.

(iv) At the hearing, each Party shall have the right to be heard, to present evidence, including expert witness testimony, and to cross-examine witnesses, including the Independent Engineer.

#### **R-24 No Evidence by Affidavit; Post-hearing Filing of Documents or Other Evidence**

(a) The Disputes Board may not receive and consider the evidence of witnesses by declaration or affidavit.

(b) If the Parties agree or the Disputes Board directs that documents or other evidence be submitted to the Disputes Board after the hearing, the documents or other evidence shall be transmitted to each Disputes Board member. Both Parties shall be afforded an opportunity to examine and respond to such documents or other evidence.

**R-25 Inspection or Investigation.** The Disputes Board may find it necessary to make an inspection or investigation in connection with its proceedings and, if so, shall so advise the Parties. The Disputes Board shall set the date and time of such inspection or investigation and notify the Parties thereof. Any Party who so desires may be present at such an inspection or investigation. In the event that one or both of the Parties are not present at the inspection or investigation, the Disputes Board shall make an oral or written report to the Parties on the result or findings from such inspection or investigation and afford them an opportunity to comment.

#### **R-26 Interim Measures**

(a) The Disputes Board may take whatever interim measures it deems necessary, including measures for the protection or conservation of property and disposition of perishable goods.

(b) Such interim measures may take the form of an interim Disputes Board Decision.

**R-27 Closing of Hearing.** The Disputes Board shall specifically inquire of both Parties whether they have any further proofs to offer or witnesses to be heard. Upon receiving negative replies or if satisfied that the record is complete, the Disputes Board shall declare the hearing closed. If posthearing briefs are to be filed, the hearing shall be declared closed as of the final date set by the Disputes Board for the receipt of such briefs. If documents are to be filed as provided in R-24 and the date set for their receipt is later than that set for the receipt of briefs, the later date shall be the closing date of the hearing. The time limit within which the Disputes Board is required to make the Disputes Board Decision shall commence, in the absence of other agreements by the Parties, upon the closing of the hearing.

**R-28 Reopening of Hearing.** The hearing may be reopened only upon application of a Party for good cause shown, as determined in the discretion of the Disputes Board, at any time before the Disputes Board Decision is issued. The Disputes Board may reopen the hearing and shall have 30 days from the closing of the reopened hearing within which to issue its decision.

**R-29 Waiver of Rules.** Any Party who proceeds with the Disputes Board proceedings after knowledge that any provision or requirement of these rules has not been complied with and who fails to state an objection in writing to the other Party and the Disputes Board shall be deemed to have waived the right to object.

**R-30 Extensions of Time.** The Parties may modify any period of time in these rules by mutual agreement. The Disputes Board may for good cause extend any period of time established by these rules, except the time for issuance of the Disputes Board Decision. The Disputes Board shall notify the Parties of any extension.

**R-31 Serving of Notice**

(a) Any papers, notices, or process necessary or proper for the initiation or continuation of Disputes Board proceedings under these rules, for any court action in connection therewith, or for the entry of any Disputes Board Decision made under these rules shall be given in accordance with Section 35.12 of the Agreement.

(b) Unless otherwise instructed by the Disputes Board, any documents submitted by either Party to the Disputes Board shall simultaneously be provided to the other Party.

**R-32 Majority Decision.** When the panel consists of more than one Disputes Board, a majority of the Disputes Board members must make all decisions.

**R-33 Time of Issuance of the Disputes Board Decision.** The Disputes Board Decision shall be issued promptly by the Disputes Board and no later than 30 days from the date of closing the hearing, or, if oral hearings have been waived, from the date of the Parties' transmittal of the final statements and proofs to the Disputes Board.

**R-34 Form of Disputes Board Decision**

(a) Any Disputes Board Decision shall be in writing and signed by a majority of the Disputes Board members.

(b) The Disputes Board shall also issue written findings of fact and conclusions of Law as part of the Disputes Board Decision.

**R-35 Scope of Disputes Board Decision**

(a) The Disputes Board may determine the occurrence of any event that is a prerequisite to a Party's claim for any remedy or relief in the Dispute, and grant any remedy or relief to resolve the Dispute that the Disputes Board determines is available under the Agreement and applicable Law and within the scope of the agreement of the Parties under Section 30.3 of the Agreement.

(b) In the final Disputes Board Decision, the Disputes Board shall assess compensation and damage amounts, where applicable.

**R-36 Disputes Board Decision upon Settlement.** If the Parties settle the Dispute during the course of the Disputes Board proceedings and if the Parties so request, the Disputes Board may set forth the terms of the settlement in a consent Disputes Board Decision.

**R-37 Acceptance of Delivery of Disputes Board Decision.** The Disputes Board Chair shall give, and the Parties shall accept, notice of the written Disputes Board Decision, including the written findings of fact and conclusions of law, addressed and delivered to the Parties as provided in R-31.

**R-38 Correction of Errors in Disputes Board Decision.** Within five Business Days after the transmittal of a Disputes Board Decision, either Party, upon notice to the other Party, may request the Disputes Board, through the Disputes Board Chair, to correct any clerical, typographical, or computational errors in the Disputes Board Decision. The Disputes Board is not empowered under this R-38 to re-determine the merits of any Dispute already decided. The other Party shall be given five Business Days to object to the request on the ground that there is no clerical, typographical, or computational error in the Disputes Board Decision. The Disputes Board shall perform the requested correction of errors within 10 Business Days after transmittal by the Disputes Board Chair of the request for correction of errors unless the other Party objects. Any unresolved disagreement between the Parties as to the existence of a clerical, typographical, or computational error in the Disputes Board Decision can be subsequently pursued, under R-28.

**R-39 Release of Documents for Subsequent Proceedings.** The Disputes Board shall, upon the written request of a Party, furnish to the Party, at the Party's expense, certified copies of any papers in the Disputes Board's possession that may be required in further administrative or judicial proceedings relating to resolution of the Dispute.

**R-40 Applications to Court and Exclusion of Liability**

(a) No judicial proceeding by a Party relating to a Dispute shall be deemed a waiver of the Party's right to have the Dispute resolved by Disputes Board proceedings.

(b) Neither any Disputes Board member nor the Disputes Board in a proceeding under these rules is a necessary or proper Party in judicial proceedings relating to a Dispute.

**R-41 Interpretation and Application of Rules.** The Disputes Board shall interpret and apply these rules insofar as they relate to the Disputes Board's powers and duties to resolve the particular Dispute for which such Disputes Board was empanelled.

**R-42 No Suspension for Nonpayment.** If a Disputes Board member's compensation or administrative charges have not been paid in full, such Disputes Board member may so inform the Parties in order that one of them may advance the required payment. If such payments are not made, and the non-paying Party does not within 30 days after its receipt of the unpaid Disputes Board member's invoice provide notice to such member and the other Party as to such Party's dispute of such member's invoice, the Disputes Board may order the suspension or termination of the proceedings. If a Party disputes a Disputes Board member's invoice and provides such notice, no suspension or termination of the proceedings shall occur. Ex parte conversations to resolve a fee dispute between the Disputes Board member whose invoice is disputed and the disputed Party are prohibited during the Disputes Board's resolution of the Dispute, and any such conversations shall be deferred until the Disputes Board Decision is final.

## **EXPEDITED PROCEDURES FOR FAST-TRACK DISPUTES**

**E-1 Serving of Notices.** In addition to notice provided pursuant to Section 24.12 of the Agreement, the Parties can agree in writing to also accept notice by telephone. If the Parties so agree and thereafter a Party fails to confirm in writing any such oral notice, the proceeding shall nevertheless be valid if notice has, in fact, been given by telephone.

**E-2 Exchange of Exhibits.** At least two Business Days prior to the hearing, the Parties shall exchange copies of all exhibits they intend to submit at the hearing. The Disputes Board shall resolve disputes concerning the exchange of exhibits.

**E-3 Proceedings on Documents.** Where no Party's claim exceeds \$10,000, exclusive of interest and dispute resolution costs, and other cases in which the Parties agree, the Dispute shall be resolved by submission of documents, unless either Party requests an oral hearing, or the Disputes Board determines that an oral hearing is necessary. The Disputes Board shall establish a fair and equitable procedure for the submission of documents.

**E-4 Date, Time, and Place of Hearing.** In cases in which a hearing is to be held, the Disputes Board shall set the date, time, and place of the hearing, to be scheduled to take place within 10 days after appointment of the Disputes Board Chair. The Disputes Board will notify the Parties in advance of the hearing date.

### **E-5 The Hearing**

(a) Each Party shall have equal opportunity to submit its proofs and complete its case.

(b) The Disputes Board shall determine the order of the hearing and schedule and control its duration consistent with the objective of expedited resolution of the Fast-Track Dispute, and may require further submission of documents within two days after the hearing. For good cause shown, the Disputes Board may schedule additional hearings within seven Business Days after the initial hearing.

(c) Any Party desiring a stenographic record may arrange for one pursuant to the provisions of R-18.

**E-6 Time of Award.** Unless otherwise agreed by the Parties, the Disputes Board Decision shall be rendered not later than 14 days from the date of the closing of the hearing or, if oral hearings have been waived, from the date of the Parties' transmittal of the final statements and proofs to the Disputes Board.

## PROCEDURES FOR LARGE, COMPLEX COMMERCIAL DISPUTES

**L-1 Administrative Conference.** Prior to commencing proceedings to resolve a Dispute, the Disputes Board shall, unless the Parties agree otherwise, conduct an administrative conference with the Parties and/or their attorneys or other representatives by conference call within seven days after the Disputes Board Chair is appointed. In the event the Parties are unable to agree on a mutually acceptable time for the administrative conference, the Disputes Board shall, upon three Business Days' advance notice, schedule the administrative conference for 9 a.m. (CST) on the fourth Business Day after the date of such notice, and such administrative conference shall take place at such date and time. Such administrative conference shall be conducted for the purpose of obtaining additional information about the nature and magnitude of the Dispute, the anticipated length of hearing, and scheduling, and for such additional purposes as the Parties or the Disputes Board may deem appropriate.

**L-2 Preliminary Hearing.** As promptly as practicable after the appointment of the Disputes Board, a preliminary hearing shall be held among the Parties and/or their attorneys or other representatives and the Disputes Board. If the Parties agree, the preliminary hearing will be conducted by telephone conference call rather than in person. At the preliminary hearing the matters to be considered shall include, without limitation:

(a) Service of a detailed statement of the Dispute, including damages and defenses, a statement of the issues asserted by each Party and positions with respect thereto, and any legal authorities the Parties may wish to bring to the attention of the Disputes Board;

(b) Stipulations to uncontested facts;

(c) The extent to which discovery shall be conducted, in light of the special discovery and evidentiary rules set forth above in R-23(d);

(d) Exchange and pre-marking of those documents which each Party believes may be offered at the hearing;

(e) The identification and availability of witnesses, including experts, and such matters with respect to witnesses including their biographies and expected testimony as may be appropriate;

(f) Whether, and the extent to which, any sworn statements and/or depositions may be introduced;

(g) The extent to which hearings will proceed on consecutive days;

(h) Whether a stenographic or other official record of the proceedings shall be maintained;

(i) The possibility of utilizing mediation or other non-adjudicative methods of dispute resolution; and

(j) The procedure for the issuance of subpoenas.

By agreement of the Parties and/or order of the Disputes Board Chair, the pre-hearing activities and the hearing procedures that will govern the Disputes Board's proceedings will be memorialized in a scheduling and procedure order. Nothing in any scheduling and procedure order shall conflict with the procedures established under Section 30.3 of the Agreement or Section 5 of the Disputes Board Agreement.

### **L-3 Management of Proceedings**

(a) The Disputes Board shall take such steps as they may deem necessary or desirable to avoid delay and to achieve a just, speedy and cost-effective resolution of Large, Complex Commercial Cases; *provided, however*, that no action by the Disputes Board under this L-3 shall conflict with the procedures established under Section 30.3 of the Agreement or Section 5 of the Disputes Board Agreement.

(b) The Parties shall cooperate in the exchange of documents, exhibits and information within such Party's control.

(c) The Parties may conduct discovery, subject to any limitations deemed appropriate and set forth in the discovery control plan and/or the scheduling and procedure order. If the Parties cannot agree on production of documents and other information, the Disputes Board, consistent with the Parties' intent to resolve Disputes expeditiously, may establish the extent of the discovery.

(d) The Parties shall exchange copies of all exhibits they intend to submit at the hearing 10 Business Days prior to the hearing unless the Disputes Board Chair determines otherwise.

(e) The exchange of information pursuant to this rule, as agreed by the Parties and/or directed by the Disputes Board Chair, shall be included within the scheduling and procedure order.

(f) The Disputes Board is authorized to resolve any disputes concerning the exchange of information.

(g) Generally hearings will be scheduled on consecutive days or in blocks of consecutive days in order to maximize efficiency and minimize costs.

**EXHIBIT 20**  
**TERMINATION FOR CONVENIENCE COMPENSATION AMOUNT**

Date of Effectiveness of Termination Occurs on or after:	And before:	Termination Compensation Amount
Service Commencement Date <sup>1</sup>	The 2 <sup>nd</sup> anniversary of Service Commencement Date	\$1,331,074,460
The 2 <sup>nd</sup> anniversary of Service Commencement Date	The 4 <sup>th</sup> anniversary of Service Commencement Date	\$1,731,730,721
The 4 <sup>th</sup> anniversary of Service Commencement Date	The 6 <sup>th</sup> anniversary of Service Commencement Date	\$1,935,523,307
The 6 <sup>th</sup> anniversary of Service Commencement Date	The 8 <sup>th</sup> anniversary of Service Commencement Date	\$2,159,151,153
The 8 <sup>th</sup> anniversary of Service Commencement Date	The 10 <sup>th</sup> anniversary of Service Commencement Date	\$2,433,107,756
The 10 <sup>th</sup> anniversary of Service Commencement Date	The 12 <sup>th</sup> anniversary of Service Commencement Date	\$2,717,555,814
The 12 <sup>th</sup> anniversary of Service Commencement Date	The 14 <sup>th</sup> anniversary of Service Commencement Date	\$3,014,107,482
The 14 <sup>th</sup> anniversary of Service Commencement Date	The 16 <sup>th</sup> anniversary of Service Commencement Date	\$3,326,650,961
The 16 <sup>th</sup> anniversary of Service Commencement Date	The 18 <sup>th</sup> anniversary of Service Commencement Date	\$3,564,993,747
The 18 <sup>th</sup> anniversary of Service Commencement Date	The 20 <sup>th</sup> anniversary of the Service Commencement Date	\$3,880,399,245
The 20 <sup>th</sup> anniversary of the Service Commencement Date	The 22 <sup>nd</sup> anniversary of the Service Commencement Date	\$4,209,796,521
The 22 <sup>nd</sup> anniversary of the Service Commencement Date	The 24 <sup>th</sup> anniversary of the Service Commencement Date	\$4,521,923,559
The 24 <sup>th</sup> anniversary of the Service Commencement Date	The 26 <sup>th</sup> anniversary of the Service Commencement Date	\$4,865,797,020
The 26 <sup>th</sup> anniversary of the Service Commencement Date	The 28 <sup>th</sup> anniversary of the Service Commencement Date	\$4,881,185,065
The 28 <sup>th</sup> anniversary of the Service Commencement Date	The 30 <sup>th</sup> anniversary of the Service Commencement Date	\$4,896,315,581
The 30 <sup>th</sup> anniversary of the Service Commencement Date	The 32 <sup>nd</sup> anniversary of the Service Commencement Date	\$4,834,979,556
The 32 <sup>nd</sup> anniversary of the Service Commencement Date	The 34 <sup>th</sup> anniversary of the Service Commencement Date	\$4,688,892,797
The 34 <sup>th</sup> anniversary of the Service Commencement Date	The 36 <sup>th</sup> anniversary of the Service Commencement Date	\$4,483,092,806
The 36 <sup>th</sup> anniversary of the Service Commencement Date	The 38 <sup>th</sup> anniversary of the Service Commencement Date	\$4,192,838,897
The 38 <sup>th</sup> anniversary of the Service Commencement Date	The 40 <sup>th</sup> anniversary of the Service Commencement Date	\$3,925,912,694
The 40 <sup>th</sup> anniversary of the Service Commencement Date	The 42 <sup>nd</sup> anniversary of the Service Commencement Date	\$3,542,173,165
The 42 <sup>nd</sup> anniversary of the Service Commencement Date	The 44 <sup>th</sup> anniversary of the Service Commencement Date	\$2,904,603,509
The 44 <sup>th</sup> anniversary of the Service Commencement Date	The 46 <sup>th</sup> anniversary of the Service Commencement Date	\$1,980,777,647
The 46 <sup>th</sup> anniversary of the Service Commencement Date	The 48 <sup>th</sup> anniversary of the Service Commencement Date	\$617,136,521
The 48 <sup>th</sup> anniversary of the Service Commencement Date	The end of the Term	-

<sup>1</sup> To the extent Developer's Project Segment Plan contemplates multiple Project Segments, the Service Commencement Date refers to the first Service Commencement Date.

**EXHIBIT 21**  
**FORM OF LENDERS' DIRECT AGREEMENT**

\* \* \* \* \*

**DIRECT AGREEMENT**

This Lenders' Direct Agreement (the "**Agreement**") is made by and among the State of Texas acting by and through the Texas Department of Transportation ("**TxDOT**"), Blueridge Transportation Group, LLC ("**Developer**") and [●] ("**Lender**") for the purpose of facilitating the Lender's financing or Refinancing of the TxDOT SH 288 Toll Lanes Project in Harris County (the "**Project**").

**RECITALS**

WHEREAS, TxDOT and Developer have entered into a Comprehensive Development Agreement ("**CDA**") for the Project, which CDA contemplates Developer obtaining financing or Refinancing from third parties; and

WHEREAS, TxDOT desires to facilitate the Lender's provision of financing or Refinancing to Developer; and

WHEREAS, in order to induce the Lender to provide the financing or Refinancing necessary for the Project, the Lender requires certain assurances from TxDOT regarding the Lender's rights in the event of a default by Developer; and

WHEREAS, the Lender acknowledges that any rights under this Agreement are solely derivative of the rights of Developer under the CDA; and

WHEREAS, the Lender is [making a direct, secured loan to Developer to finance or refinance the Project without participating lenders] [acting as the Collateral Agent for and on behalf of participating lenders providing a secured loan to Developer to finance or refinance the Project (in which case "Collateral Agent" as used in this Agreement refers to the Lender)]; and

NOW, THEREFORE, in consideration of the covenants and agreements herein contained, including within these recitals, the parties hereto do hereby agree as follows.

**ARTICLE 1**  
**DEFINITIONS, CONTRACT DOCUMENTS AND ORDER OF PRECEDENCE**

**1.1 Definitions.** Capitalized terms used but not otherwise defined in this Agreement have the respective meanings set forth in Exhibit 1 to the CDA.

**1.2 Recitals Incorporated.** The Recitals in this Agreement are part of the terms of this Agreement.

**1.3 Contract Documents and Order of Precedence.** The following documents comprise the contract documents for this Agreement. In the event of any conflict, ambiguity or inconsistency among the contract documents, the order of precedence shall be as follows: (a) supplemental agreements, change orders, and addenda to this Agreement; (b) this Agreement, including Recitals; and (c) those provisions of the CDA that are explicitly referenced in this Agreement.



**1.4 No Effect on CDA.** Nothing in this Agreement amends or modifies any of Developer's obligations to TxDOT under the CDA.

## **ARTICLE 2 TERMS**

### **2.1 Conditions and Limitations Respecting Lenders' Rights**

**2.1.1** The Lender shall not be entitled to the rights, benefits and protections of this Agreement unless the Security Document, other related Security Documents and related Funding Agreements strictly comply with Section 3.5 of the CDA.

**2.1.2** No Security Document relating to any Refinancing (except Exempt Refinancings under clause (b), (c) or (d) of the definition of Exempt Refinancing) shall be valid or effective, and the Lender shall not be entitled to the rights, benefits and protections of this Agreement, unless the Refinancing is in compliance with Section 3.7 of the CDA.

**2.1.3** No Funding Agreement or Security Document shall be binding upon TxDOT in the enforcement of its rights and remedies as provided herein and by Law, and the Lender shall not be entitled to the rights, benefits and protections of this Agreement, unless and until (a) a copy (certified as true and correct by the Collateral Agent) of the original thereof bearing, if applicable, the date and instrument number or book and page of recordation or filing thereof, including a copy of a specimen bond, note or other obligation (certified as true and correct by the Collateral Agent) secured by such Security Document, has been delivered to TxDOT and (b) TxDOT has received written notice of the address of the Collateral Agent to which notices may be sent. In the event of an assignment of any such Funding Agreement or Security Document, TxDOT shall not be charged with notice of such assignment, and no assignee shall be entitled to the rights, benefits and protections of this Agreement, unless and until (i) TxDOT has received a certified copy thereof, which copy shall, if required to be recorded, bear the date and instrument number or book and page of recordation thereof, and (ii) TxDOT has received written notice of the assignee thereof to which notices may be sent. In the event of any change in the identity of the Collateral Agent, TxDOT shall not be charged with notice of such change, and no substitute Collateral Agent shall be entitled to the rights, benefits and protections of this Agreement, unless and until TxDOT has received a written notice thereof signed by the replaced and substitute Collateral Agent and setting forth the address of the substitute Collateral Agent to which notices may be sent.

**2.1.4** The Lender shall not be entitled to the rights, benefits and protections of this Agreement unless the Funding Agreements in favor of the Lender are secured by senior or first tier subordinate Security Documents. For avoidance of doubt, if the Lender holds Project Debt secured by a Subordinated Security Document it shall not have any rights, benefits or protections under this Agreement.

**2.1.5** The Lender shall not, by virtue of its Funding Agreement or Security Document, acquire any greater rights to or interest in the Project, the Lease or Toll Revenues than Developer has at any applicable time under the CDA, other than the provisions in this Agreement for the specific protection of the Lender.

**2.1.6** The following provisions of this Agreement shall apply only to Security Documents, and the Lenders thereunder, that comply with Sections 2.1.1, 2.1.2, 2.1.3 and 2.1.4 of this Agreement. None of the following provisions of this Agreement shall be construed inconsistently with the provisions of this Section 2.1. The provisions of this Agreement that are binding on TxDOT shall inure only to the benefit of the Lender, and create no rights in favor of Developer.

**2.2 Effect of Amendments.** While any Security Document is in effect, no agreement between TxDOT and Developer for the modification or amendment of the CDA or the Lease shall be binding without the Collateral Agent's consent, except pursuant to Sections 13.1, 13.2 and 13.3 of the CDA.

**2.3 Notices to Collateral Agent.** As long as any Security Document shall remain unsatisfied of record, TxDOT shall promptly provide the Collateral Agent with a copy of any notice it sends to Developer concerning an actual or potential breach of the CDA or the Lease or an actual or potential Developer Default, including any Warning Notice, and any notice it sends to Developer, the Design-Build Contractor or any O&M Contractor of default by the Design-Build Contractor or any O&M Contractor under the Design-Build Contract or O&M Contract.

**2.4 Opportunity to Cure and Step-In; New Agreements.** As long as any Security Document shall remain unsatisfied of record, the following provisions shall apply with respect to any such Security Document and the related Lender and Funding Agreements.

**2.4.1 Notice and Cure Prior to Termination.** Should any Developer Default, or any other failure or breach which would become a Developer Default after the expiration of the applicable cure period in Section 29.1 of the CDA, occur which would, either immediately or following the giving of notice, constitute a Default Termination Event enabling TxDOT to terminate or suspend its obligations under the CDA, TxDOT shall not terminate the CDA or the Lease unless and until:

(a) TxDOT first delivers to the Collateral Agent a copy of, as applicable, (i) the Warning Notice given to Developer pursuant to Section 31.3.1(b) of the CDA (in the case of a Default Termination Event described in Section 31.3.1(b) of the CDA) or (ii) the initial notice of Developer's breach or failure under the applicable provision of Section 29.1 of the CDA (in the case of a Default Termination Event described in Section 31.3.1(a), (c), (d), (e) or (f) of the CDA); and

(b) TxDOT provides the Collateral Agent a reasonable opportunity to cure such Developer Default, as provided in this Section 2.4; *provided, however*, that no such opportunity to cure shall be required to be provided for (i) failure of Developer to timely deliver or perform any remedial plan required under Section 29.4.8 of the CDA, or (ii) a Developer Default that is peculiar to Developer and is not curable by the Collateral Agent regardless of whether it obtains possession or control of the Project, including a Developer Default under Section 29.1.10, 29.1.14, 29.1.15, 29.1.16 or 29.1.17 of the CDA.

**2.4.2 Lender's Step-In Rights.** For any Developer Default for which the Lender is entitled to a reasonable opportunity to cure (as provided in Section 2.4.1(b) of this Agreement), commencing on the date the applicable cure period available to Developer (as provided in Section 29.1) expires, the Lender shall have the right (but not the obligation) to remedy such Developer Default (or failure or breach), or cause the same to be remedied by its Substituted Entity. From and after such date TxDOT shall accept such performance to remedy the Developer Default (or failure or breach) by or at the instigation of the Lender, Collateral Agent or Substituted Entity, as if Developer had done the same. The foregoing sentence is not intended to prevent the Lender from undertaking, or requiring Developer to undertake, efforts to cure the Developer Default (or failure or breach) prior to such date consistent with the Lender's rights under the Funding Agreements; provided that TxDOT shall have no obligation to accept any Lender's tender of a cure prior to such date.

**2.4.3 Lender's Cure Period – Failure to Pay.** In the case of a Developer Default (or failure that may become a Developer Default after expiration of the cure period) under Section 29.1.5 of the CDA, the Collateral Agent may cure such Developer Default by paying all amounts due within 60 days after TxDOT delivers a copy of the notice described in Section 2.4.1(a) of this Agreement to the

Collateral Agent. If such payment is not made within such 60-day period, TxDOT may proceed to terminate the CDA and the Lease without further notice to, or opportunity to cure by, the Lender.

**2.4.4 Lender's Cure Period – Service Commencement Delay.** If Developer fails to achieve Service Commencement for a Project Segment by the applicable Service Commencement Deadline, as the same may be extended pursuant to the CDA, the Collateral Agent shall have until the Long Stop Date, as the same may be extended pursuant to the CDA and Section 2.4.9 of this Agreement, to achieve or cause Developer to achieve Service Commencement for such Project Segment. If Service Commencement for such Project Segment is not achieved by the Long Stop Date (as it may be extended), such failure shall constitute a material Developer Default and TxDOT may proceed to terminate the CDA and the Lease without further notice to, or opportunity to cure by, the Lender.

**2.4.5 Lender's Cure Period – Other Developer Defaults.** In the case of any other Developer Default, failure, or breach for which the Lender is entitled to a reasonable opportunity to cure (as provided in Section 2.4.1(b) of this Agreement), other than as provided in Section 2.4.3 or 2.4.4 of this Agreement, the Collateral Agent shall have a cure period ending 30 days after the later of (a) the date Developer's cure period (as set out in the applicable provision of Section 29.1 of the CDA) expires and (b) the date of delivery of a copy of the notice described in Section 2.4.1(a) of this Agreement to the Collateral Agent; *provided* that such cure period may be extended pursuant to Section 2.4.6 or 2.4.7 of this Agreement.

**2.4.6 Extension of Cure Period – Possession Not Required.** In the case of a Developer Default, failure, or breach governed by Section 2.4.5 that is capable of being corrected without having possession of the Project (e.g. cure of Developer Defaults under Sections 29.1.9 and 29.1.18 of the CDA) but cannot reasonably be corrected within the 30-day cure period set out in Section 2.4.5 of this Agreement, such 30-day cure period shall be extended, in any event not to exceed a cure period ending 180 days after the date Developer's cure period under Section 29.1 expires (unless further extended pursuant to Section 2.4.10 of this Agreement), so long as the Collateral Agent or the Substituted Entity begins meaningful steps to correct such matter within 60 days after TxDOT delivers a copy of the notice described in Section 2.4.1(a) of this Agreement and thereafter prosecutes the cure to completion with good faith, diligence and continuity.

**2.4.7 Extension of Cure Period – Possession Required.** The Collateral Agent shall have the right to postpone and extend the time to cure any Developer Default governed by Section 2.4.5 of this Agreement that is capable of being cured only through possession of the Project, subject to the following:

(a) The Collateral Agent shall (i) cure all Developer Defaults under Section 29.1.5 within the cure period available therefor under Section 2.4.3 of this Agreement; (ii) undertake to cure any other Developer Default governed by Section 2.4.5 of this Agreement then existing or thereafter occurring and capable of being cured without possession within the cure period available therefor under Section 2.4.5 of this Agreement; (iii) continue to pay or cause to be paid when due all fees, rent and other amounts due from Developer under the CDA or the Lease; (iv) within the later of five days after expiration of Developer's cure period, if any, and 30 days after receiving a copy of the notice described in Section 2.4.1(a) of this Agreement, (1) initiate and thereafter pursue with good faith, diligence and continuity lawful processes and steps to obtain possession, custody and control of the Project, and (2) notify TxDOT that it intends to extend such deadline under this Section 2.4.7; and (v) promptly execute all documents reasonably requested by TxDOT affecting the transactions contemplated by this Agreement and the CDA.

(b) The Collateral Agent or its Substituted Entity shall have succeeded to the Developer's Interest and obtained possession diligently and with continuity, and in any event within 210

days after TxDOT delivers to the Collateral Agent a copy of the notice described in Section 2.4.1(a) of this Agreement, shall have delivered to TxDOT within 15 days after obtaining possession and ownership an assumption in writing of all duties, obligations and liabilities of Developer under the CDA and the Lease.

(c) After obtaining possession, the Collateral Agent shall have thereafter diligently and with continuity cured all Developer Defaults which are capable of being cured through possession. In connection with any Developer Default or any condition imposed upon Developer to exercise any rights contained in the CDA which cannot be cured or performed until the Collateral Agent or its Substituted Entity obtains possession, the Collateral Agent or its Substituted Entity shall have a time after it obtains possession as may be necessary with exercise of good faith, diligence and continuity to cure such Developer Default or perform such condition, in any event not to exceed 180 days after the date it obtains possession, unless extended pursuant to Section 2.4.10 of this Agreement.

**2.4.8 New Agreements.** If TxDOT terminates the CDA and the Lease (x) for inability of the Collateral Agent, despite diligent, continuous efforts, to obtain possession within 210 days after TxDOT delivers to the Collateral Agent a copy of the notice described in Section 2.4.1(a) of this Agreement, (y) for failure of Developer to timely deliver or perform any remedial plan required under Section 29.4.8 of the CDA, or (z) for a Developer Default that is peculiar to Developer and is not curable by the Collateral Agent regardless of whether it obtains possession or control of the Project, including a Developer Default under Section 29.1.10, 29.1.14, 29.1.15, 29.1.16 or 29.1.17 of the CDA, or if the CDA or CDA Documents are rejected pursuant to U.S. or foreign bankruptcy, insolvency or other similar Law as part of a proceeding described in Section 29.1.14, 29.1.15, 29.1.16 or 29.1.17, then TxDOT shall promptly deliver to the Collateral Agent pursuant to the notice provisions of the CDA written notice of the termination and a statement of any and all sums which would at that time be due under the CDA and the Lease then known to TxDOT. Thereafter the Collateral Agent or its Substituted Entity, to the extent then permitted by Law, shall have the option to obtain a new comprehensive development agreement, new Project lease, other new CDA Documents and, to the extent necessary new ancillary agreements (together the “**New Agreements**”) in accordance with and upon the following terms and conditions:

(a) In order to exercise such option, the Collateral Agent must deliver to TxDOT, within 360 days after TxDOT delivers its written notice of termination, (i) a request for New Agreements, (ii) a written commitment that the Collateral Agent (or its Substituted Entity) will enter into the New Agreements and pay all the amounts described in Section 2.4.8(c) of this Agreement, and (iii) originals of such New Agreements, duly executed and acknowledged by the Collateral Agent (or its Substituted Entity). If any of the foregoing is not delivered within such 360-day period, the option in favor of the Collateral Agent (and all related Lenders) shall automatically expire.

(b) Within 30 days after timely receipt of the written notice, written commitment and New Agreements duly executed, TxDOT shall enter into the New Agreements to which TxDOT is a party with the Collateral Agent or its Substituted Entity, subject to any extension of such 30-day period as TxDOT deems necessary to clear any claims of Developer to continued rights and possession.

(c) Upon the execution by all parties and as conditions to the effectiveness of the New Agreements, the Collateral Agent or its Substituted Entity shall perform all of the following:

(i) Pay to TxDOT any and all sums which would, at the time of the execution of the New Agreements, be due under the CDA or the Lease but for such termination;

(ii) Otherwise fully remedy any existing Developer Defaults under the CDA or the Lease, except any uncured material Developer Default that was known to TxDOT at the time it

delivers any estoppel certificate to the Lender but fails to disclose in such estoppel certificate (*provided, however*, that with respect to any Developer Default which cannot be cured until the Collateral Agent or its Substituted Entity obtains possession, it shall have such time, after it obtains possession, as is necessary with the exercise of good faith, diligence and continuity to cure such default, in any event not to exceed 180 days after the date it obtains possession, unless extended pursuant to Section 2.4.10 of this Agreement);

(iii) Without duplication of amounts previously paid by Developer, pay to TxDOT all reasonable costs and expenses, including TxDOT's Recoverable Costs, incurred by TxDOT in connection with (1) such default and termination, (2) the assertion of rights, interests and defenses in any bankruptcy proceeding, (3) the recovery of possession of the Project, (4) all TxDOT activities during its period of possession of, and respecting, the Project, including permitting, design, acquisition, construction, equipping, maintenance, operation and management activities, and (5) the preparation, execution, and delivery of such New Agreements. Upon request of the Collateral Agent or Substituted Entity, TxDOT will provide a written, documented statement of such costs and expenses; and

(iv) Deliver to TxDOT new Payment and Performance Bonds and new letters of credit and guarantees to the extent required under the New Agreement.

(d) Upon execution of the New Agreements and payment of all sums owing to TxDOT, TxDOT shall (i) assign and deliver to the Collateral Agent or its Substituted Entity, without warranty or representation, all the property, contracts, documents and information that Developer may have assigned and delivered to TxDOT upon termination of the CDA pursuant to Section 31.9 of the CDA, and (ii) if applicable, transfer into a new Handback Requirements Reserve established by the Collateral Agent or Substituted Entity in accordance with the CDA, all funds TxDOT received from the Handback Requirements Reserve pursuant to Section 20.2.5(a) of the CDA (or from draw on a Handback Requirements Letter of Credit) less so much thereof that TxDOT spent or is entitled to as reimbursement for costs of Renewal Work TxDOT performed prior to the effectiveness of the New Agreements.

(e) The New Agreements shall be effective as of the date of termination of the CDA and the Lease and shall run for the remainder of the term of the CDA and the Lease. The New Agreements shall otherwise contain the same covenants, terms and conditions and limitations as the CDA, the Lease and other corresponding CDA Documents and ancillary agreements and documents that were binding on TxDOT and Developer (except for any requirements which have been fulfilled by Developer prior to termination and except that Section 5.1 of the CDA (and any equivalent provisions of the Lease) shall be revised to be particular to the Collateral Agent or its Substituted Entity). Without limiting the foregoing, all Toll Revenues collected by Developer under the CDA shall be included in the determination of the Revenue Payment Amount under the New Agreements and of the Tolling Method Gain payment owing to TxDOT under the New Agreements if Developer had elected to make annual payments pursuant to Section 4.8.6 of the CDA.

(f) If the holders of more than one Security Document make written requests upon TxDOT for New Agreements in accordance with this Section 2.4.8, TxDOT shall grant the New Agreements to, as applicable, the holder whose leasehold mortgage has the most senior priority of record. Priority shall be established as follows.

(i) TxDOT shall submit a written request to the Collateral Agent to designate the leasehold mortgage having the most senior priority of record. TxDOT shall have the right to conclusively rely on the Collateral Agent's written designation, without duty of further inquiry by TxDOT and without liability to Lender; and thereupon the written requests of each holder of any other leasehold mortgage shall be deemed to be void.

(ii) If TxDOT does not receive the Collateral Agent's written designation within 10 days after delivering written request, then TxDOT may conclusively rely, without further inquiry and without liability to Lender, on the seniority indicated by a then-current title report that TxDOT obtains from one of the four largest title insurance companies doing business in Texas (unless otherwise agreed in writing by the most senior holder so indicated); and thereupon the written requests of each holder of any other leasehold mortgage shall be deemed to be void.

(iii) In the event the holders of more than one leasehold mortgage share *pari passu* senior lien priority as indicated pursuant to clause (i) or (ii) above and make written requests upon TxDOT for New Agreements in accordance with this Section 2.4.8, TxDOT shall grant the New Agreements to such holders jointly (unless otherwise agreed in writing by such holders); and thereupon the written requests of each holder of any other leasehold mortgage shall be deemed to be void.

(g) The provisions of this Section 2.4.8 shall survive the termination of the CDA and shall continue in full force and effect thereafter.

**2.4.9 Extension of Long Stop Date.** In the event that Developer fails to achieve Service Commencement for any Project Segment by the applicable Long Stop Date, the Collateral Agent shall have the option to extend the Long Stop Date by two 90-day periods, provided that all the following terms and conditions have been satisfied as of the Long Stop Date to be extended:

(a) The Collateral Agent has delivered to TxDOT written notice (i) identifying the Long Stop Date that is the subject of the notice and stating the Collateral Agent's election to exercise the option to extend and (ii) acknowledging that any and all sums due to TxDOT under the CDA or the Lease up to and through the extension period shall remain due and owing, including any sums that may accrue during the extension period (which, for the avoidance of doubt, shall include any liquidated damages for delay to which TxDOT is entitled pursuant to Section 29.5 of the CDA);

(b) The Collateral Agent or its Substituted Entity has obtained ownership of the Developer's Interest and full possession and control of the Project to the exclusion of Developer;

(c) If any other Warning Notices are then outstanding, the Collateral Agent has demonstrated to TxDOT that it or its Substituted Entity has undertaken and continues and will continue to undertake meaningful steps to prosecute cure to completion with good faith, diligence and continuity; and

(d) With respect to any second 90-day extension pursuant to this Section 2.4.9, the Collateral Agent has demonstrated to TxDOT prior to such second extension that it or its Substituted Entity has undertaken and continues and will continue to undertake meaningful steps toward achieving Service Commencement for all outstanding Project Segments with good faith, diligence and continuity.

**2.4.10 Further Extension of 180-Day Deadlines.** The Collateral Agent shall have the option to extend the 180-day deadline set forth in Section 2.4.6 of this Agreement or, if applicable, the 180-day deadline after obtaining possession set forth in Section 2.4.7(c) of this Agreement or the 180-day deadline set forth in Section 2.4.8(c)(ii) of this Agreement, by up to but not exceeding an additional 180 days; provided that all the following conditions precedent have been satisfied by not later than 15 days before the deadline to be extended:

(a) The Collateral Agent has delivered to TxDOT written notice requesting extension and setting forth a reasonable time period needed to effect cure, in any event not exceeding such 180 days;

(b) The Collateral Agent has met all the requirements set forth in (i) Section 2.4.6 of this Agreement, (ii) Section 2.4.7 of this Agreement or (iii) Section 2.4.8(c) of this Agreement, as applicable;

(c) The Collateral Agent has delivered evidence to TxDOT demonstrating, and TxDOT is reasonably satisfied, that full and complete cure by the Collateral Agent is highly likely within the period of extension; and

(d) The Collateral Agent has prepared and submitted to TxDOT, and TxDOT has approved, a remedial plan for effecting full and complete cure. The remedial plan shall set forth a schedule and specific actions to be taken by the Collateral Agent to fully and completely cure, with the schedule to be consistent with the period of extension. TxDOT may require that such actions include new and improved quality management practices, plans and procedures, revised and restated Management Plans, changes in organizational and management structure, increased monitoring and inspections, changes in Key Personnel and other important personnel, replacement of Contractors, and delivery of security to TxDOT.

Time is of the essence in the exercise of such option. If for any reason any of the foregoing conditions is not satisfied by 15 days before the deadline that is eligible to be extended, the option shall automatically expire and cease to have effect with respect to such deadline.

**2.4.11 Noncompliance Points.** Notwithstanding any contrary provisions of the CDA Documents, in the event the Lender or its Substituted Entity obtains ownership of the Developer's Interest and full possession and control of the Project to the exclusion of Developer, all Noncompliance Points accumulated prior to the date the Lender or Substituted Entity obtains ownership and possession shall be reduced to zero. The foregoing shall not, however, excuse the Lender or its Substituted Entity from any obligation to cure prior uncured breaches or failures to perform under the CDA Documents, and except for determination of Persistent Developer Default shall not affect any rights and remedies available to TxDOT respecting uncured breaches or failures to perform.

**2.4.12 Assumption by the Collateral Agent.** Any curing of any Default Termination Event by the Collateral Agent shall not be construed as an assumption by the Collateral Agent of any obligations, covenants or agreements of Developer under the CDA Documents or any Principal Project Documents, except with respect to the work, services or actions taken or performed by or on behalf of the Collateral Agent.

**2.4.13 TxDOT's Step-In Rights.** Nothing in this Section 2.4 shall preclude or delay TxDOT from exercising any remedies other than termination of the CDA and the Lease due to Developer Default, including, subject to TxDOT's express covenants to forbear and subject to Section 29.4.5(d) of the CDA as applicable, TxDOT's rights to cure the Developer Default at Developer's expense and TxDOT's step-in rights under Section 29.4.5 of the CDA.

**2.5 Forbearance.** To the extent TxDOT has rights to enforce the Design-Build Contract or any O&M Contract, whether as assignee of Developer's rights or otherwise, so long as the CDA remains in effect TxDOT shall forbear from exercising remedies against the Design-Build Contractor or any O&M Contractor if (a) Developer or the Collateral Agent commences the good faith, diligent exercise of remedies available to Developer under the Design-Build Contract or O&M Contract within 15 days after TxDOT delivers written notice to Developer and the Collateral Agent of default by the Design-Build Contractor or any O&M Contractor, and (b) thereafter continues such good faith, diligent exercise of remedies until the default is cured. At TxDOT's request from time to time, Developer or Collateral Agent shall provide to TxDOT reports on the status of any such default, cure and exercise of remedies.

## **2.6 Substituted Entities**

**2.6.1** Any payment to be made or action to be taken by the Collateral Agent as a prerequisite to keeping the CDA in effect shall be deemed properly to have been made or taken by the Collateral Agent if a Substituted Entity proposed by the Collateral Agent and approved by TxDOT makes such payment or takes such action. TxDOT shall have no obligation to recognize any claim to the Developer's Interest by any person or entity that has acquired the Developer's Interest by, through, or under any Security Document or whose acquisition shall have been derived immediately from any holder thereof, unless such person or entity is a Substituted Entity.

**2.6.2** Notwithstanding the foregoing, any entity that is wholly owned by the Lender or group of Lenders shall be deemed a Substituted Entity, without necessity for TxDOT approval, upon delivery to TxDOT of documentation proving that the entity is duly formed, validly existing and wholly owned by such Lender or group of Lenders, including a certificate signed by a duly authorized officer of each such Lender in favor of TxDOT certifying, representing and warranting such ownership.

**2.6.3** TxDOT shall have no obligation to approve a person or entity as a Substituted Entity unless the Lender demonstrates that (a) the proposed Substituted Entity and its contractors collectively have the financial resources, qualifications and experience to timely perform Developer's obligations under the CDA Documents and Principal Project Documents and (b) the proposed Substituted Entity and its contractors are in compliance with TxDOT's rules, regulations and adopted written policies regarding organizational conflicts of interest. TxDOT will approve or disapprove a proposed Substituted Entity within 30 days after it receives from the Lender a request for approval together with (i) such information, evidence and supporting documentation concerning the identity, financial resources, qualifications, experience and potential conflicts of interest of the proposed Substituted Entity and its contractors as TxDOT may request, and (ii) such evidence of organization, authority, incumbency certificates, certificates regarding debarment or suspension, child support statements, and other certificates, representations and warranties as TxDOT may reasonably request. TxDOT will request information on, and evaluate, the financial resources, qualifications, experience and potential conflicts of interest of the proposed Substituted Entity and its contractors using the same standards and criteria that it is then currently applying, or if there is no current application, then the same standards and criteria it most recently applied, to the evaluation of Persons responding to TxDOT requests for qualifications for concession or similar agreements for comparable projects and facilities. If for any reason TxDOT does not act within such 30-day period, or any extension thereof by mutual agreement of TxDOT and the Lender, TxDOT shall be deemed to disapprove.

**2.6.4** Lender may request approval of more than one Substituted Entity. The Lender may request approval at any time or times. Any approval by TxDOT of a Substituted Entity shall expire one year after the approval is issued, unless TxDOT approves an extension in its sole discretion or unless within such one-year period (or any approved extension thereof) the Substituted Entity has succeeded to the Developer's Interest. TxDOT may revoke an approval if at any time prior to succeeding to the Developer's Interest (a) the Substituted Entity ceases to be in compliance with TxDOT's rules and regulations regarding organizational conflicts of interest or (b) there occurs, after exhaustion of all rights of appeal, any suspension or debarment of the Substituted Entity or any managing member, general partner or controlling investor of the Substituted Entity from bidding, proposing or contracting with any federal or State department or agency.

## **2.7 Receivers**

**2.7.1** The appointment of a receiver at the behest of Developer shall be subject to TxDOT's prior written approval in its sole discretion. The appointment of a receiver at the behest of the Lender if



the Lender is not in compliance with Sections 2.1.1, 2.1.2, 2.1.3 and 2.1.4 of this Agreement shall be void and may be challenged by TxDOT in any proceeding. The appointment of a receiver at the behest of the Lender if the Lender is in compliance with Sections 2.1.1, 2.1.2, 2.1.3 and 2.1.4 of this Agreement shall be subject to the following terms and conditions:

(a) TxDOT's prior approval shall not be required for the appointment of the receiver or the selection of the person or entity to serve as receiver;

(b) Whenever the Lender commences any proceeding for the appointment of a receiver, it shall serve on TxDOT not less than five days' prior written notice of the hearing for appointment and of the Lender's pleadings and briefs in the proceeding;

(c) TxDOT may appear in any such proceeding to challenge the selection of the person or entity to serve as receiver, but waives any other right to oppose the appointment of the receiver; and

(d) TxDOT may at any time seek an order for replacement of the receiver by a different receiver.

**2.7.2** No receiver appointed at the behest of Developer or the Lender shall have any power or authority to replace the Design-Build Contractor or any O&M Contractor except by reason of default or unless the replacement is a Substituted Entity approved by TxDOT.

## **2.8 Other Lender Rights**

**2.8.1** In addition to all other rights herein granted, the Lender shall have the right to be subrogated to any and all rights of Developer under the CDA and the Lease with respect to curing any Developer Default. TxDOT shall permit the Collateral Agent and its Substituted Entity the same access to the Project and Project Right of Way as is permitted to Developer hereunder. TxDOT hereby consents to Developer constituting and appointing any Collateral Agent as Developer's authorized agent and attorney-in-fact with full power, in Developer's name, place and stead, and at Developer's sole cost and expense, to enter upon the Project and Project Right of Way and to perform all acts required to be performed herein or under the CDA, Lease and any Principal Project Document, but only in the event of a Developer Default or a default under the Lender's Funding Agreement or Security Document. TxDOT shall accept any such performance by the Collateral Agent as though the same had been done or performed by Developer.

**2.8.2** The creating or granting of a Security Document shall not be deemed to constitute an assignment or transfer of the CDA, the leasehold estate under the Lease or the Developer's Interest, nor shall the Lender, as such, be deemed to be an assignee or transferee of the CDA, the leasehold estate under the Lease or the Developer's Interest so as to require the Lender, as such, to assume the performance of any of the terms, covenants or conditions on the part of Developer to be performed hereunder or thereunder. Neither the Lender, nor any owner of the leasehold estate under the Lease or the Developer's Interest whose ownership shall have been acquired by, through, or under any Security Document or whose ownership shall have been derived immediately from any holder thereof, shall become personally liable under the provisions of the CDA or the Lease unless and until such time as the Lender or such owner becomes the owner of the Developer's Interest. Upon any permitted assignment of the CDA, the Lease and the Developer's Interest by a Lender or any owner of the Developer's Interest whose ownership shall have been acquired by, through, or under any Security Document or whose ownership shall have been derived immediately from any holder thereof, the assignor shall be relieved of any further liability which may accrue hereunder or thereunder from and after the date of such

assignment; provided that the assignee is a Substituted Entity and executes and delivers to TxDOT a recordable instrument of assumption as required under Section 33.5 of the CDA.

**2.8.3** The Lender or the Collateral Agent may exercise its rights and remedies under its Security Document with respect to all, but not less than all, of the Developer's Interest.

**2.8.4** The exercise by the Lender of its rights with respect to the Developer's Interest under its Security Documents, this Agreement or otherwise, whether by judicial proceedings or by virtue of any power contained in the Security Documents, or by any conveyance from Developer to the Lender in lieu of foreclosure thereunder, or any subsequent transfer from the Lender to a Substituted Entity, shall not require the consent of TxDOT or constitute a breach of any provision of or a default under the CDA Documents. The foregoing does not affect the obligation to obtain approval of persons or entities as Substituted Entities pursuant to Section 2.6 of this Agreement (and the definition of Substituted Entity).

**2.8.5** Whenever TxDOT or Developer obtains knowledge of any condemnation proceedings by a third party affecting the Project or Project Right of Way, it shall promptly give notice thereof to the Lender. The Lender shall have the right to intervene and be made a party to any such condemnation proceedings, and TxDOT and Developer do hereby consent that the Lender may be made such a party or an intervener.

## **2.9 Consents and Estoppel Certificates**

**2.9.1** At any time and from time to time, within 15 days after written request of the Lender, TxDOT, without charge, shall (a) consent to (i) the exercise by the Lender of its rights under and in accordance with this Agreement in the event of a Developer Default and (ii) a pledge or hypothecation by Developer of the Developer's Interest under the CDA to the Lender and (b) certify to its best knowledge by written instrument duly executed and acknowledged, to the Lender as follows:

(i) As to whether the CDA has been supplemented or amended, and if so, the substance and manner of such supplement or amendment, attaching a copy thereof to such certificate;

(ii) As to the validity and force and effect of the CDA, in accordance with its terms;

(iii) As to the existence of any Developer Default;

(iv) As to the existence of events which, by the passage of time or notice or both, would constitute a Developer Default;

(v) As to the then accumulated amount of Noncompliance Points;

(vi) As to the existence of any claims by TxDOT regarding the CDA;

(vii) As to the Effective Date and the commencement and expiration dates of the Term;

(viii) As to whether a specified acceptance, approval or consent of TxDOT called for under the CDA has been granted;

(ix) As to whether the Lender and its Funding Agreements and Security Documents meet the conditions and limitations set forth in Section 3.5 of the CDA and Section 2.1 of this Agreement; and

(x) As to any other matters of fact within TxDOT's knowledge about the CDA Documents, the Principal Project Documents, Developer, the Project or the Work as may be reasonably requested.

**2.9.2** TxDOT shall deliver the same certified, written instrument to a Substituted Entity or proposed Substituted Entity within 15 days after receiving its written request; provided that the request is delivered to TxDOT either before the Substituted Entity or proposed Substituted Entity succeeds to the Developer's Interest or within 60 days after the Substituted Entity has succeeded to the Developer's Interest.

**2.9.3** Any such certificate may be relied upon by, and only by, the Lender, Substituted Entity or proposed Substituted Entity to whom the same may be delivered, and the contents of such certificate shall be binding on TxDOT.

**2.10 No Surrender.** No mutual agreement to cancel or surrender the CDA or the Lease shall be effective unless consented to in writing by the Collateral Agent, which consent Developer shall be solely responsible to obtain.

### **ARTICLE 3 CONTRACT PERIOD**

**3.1 Term.** This Agreement shall become effective when executed by all parties. The Agreement shall terminate upon the occurrence of any of the following:

(a) If the CDA is terminated and the Lender does not have a right to a New Agreement, upon termination of the CDA;

(b) If the CDA is terminated and the Lender does have a right to a New Agreement, upon lapse without proper exercise of the right to obtain a New Agreement;

(c) Upon the Lender or a Substituted Entity that is affiliated with the Lender (or any other participating Lenders) succeeding to the Developer's Interest;

(d) Upon release and reconveyance by the Lender of all or any portion of its security interest in the Developer's Interest;

(e) Upon any change in circumstances rendering the Lender ineligible under the terms of this Agreement (i.e., those corresponding to Section 2.1 of this Agreement) for the rights and protections set forth in this Agreement; or

(f) Upon the natural expiration of the Term of the CDA.

### **ARTICLE 4 SIGNATORY WARRANTY**

**4.1 By Lender.** The undersigned signatory for the Lender hereby represents and warrants that he or she is an officer of the Lender organization for which he or she has executed this Agreement and that he or she has full and complete authority to enter into this Agreement on behalf of the Lender organization. These representations and warranties are made for the purpose of inducing TxDOT to enter into this Agreement.

**4.2 By TxDOT.** The undersigned signatory for TxDOT hereby represents and warrants that he or she is an officer of TxDOT and has full and complete authority to enter into this Agreement on behalf of TxDOT. These representations and warranties are made for the purpose of inducing the Lender to enter into this Agreement.

**4.3 By Developer.** The undersigned signatory for Developer hereby represents and warrants that he or she is an officer of Developer for which he or she has executed this Agreement and that he or she has full and complete authority to enter into this Agreement on behalf of Developer. These representations and warranties are made for the purpose of inducing TxDOT to enter into this Agreement.

## **ARTICLE 5 GENERAL PROVISIONS**

**5.1 Public Information and Confidentiality.** TxDOT will comply with Government Code, Chapter 552, the Public Information Act, and 43 Texas Administrative Code §3.10 et seq. in the release of information related to this Agreement.

### **5.2 Amendments and Waivers**

**5.2.1** No amendment of this Agreement, and no waiver of any term, covenant or condition of this Agreement, shall be effective unless in writing and signed by the parties to this Agreement.

**5.2.2** The exercise by a party of any right or remedy provided under this Agreement or applicable Law shall not waive or preclude any other or further exercise thereof or the exercise of any other right or remedy. No waiver by a party of any right or remedy under this Agreement or applicable Law shall be deemed to be a waiver of any other or subsequent right or remedy under this Agreement or applicable Law. The consent by one party to any act by another party requiring such consent shall not be deemed to render unnecessary the obtaining of consent to any subsequent act for which consent is required, regardless of whether similar to the act for which consent is given.

### **5.3 Noncollusion**

**5.3.1** The Lender warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Lender, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from making of this Agreement.

**5.3.2** For breach or violation of this warranty, TxDOT shall have the right to terminate this Agreement without liability.

### **5.4 Gratuities**

**5.4.1** Commission policy mandates that employees of TxDOT shall not accept any benefit, gift or favor from any person doing business with or who reasonably speaking may do business with the State under this Agreement. The only exceptions allowed are ordinary business lunches and items that have received the advance written approval of the Executive Director of TxDOT.

**5.4.2** Any person doing business with or who reasonably speaking may do business with TxDOT under this Agreement may not make any offer of benefits, gifts or favors to department employees, except as stated above. Failure on the part of the Lender to adhere to this policy may result in the termination of this Agreement.

## 5.5 Disputes

**5.5.1** In the event of any dispute between TxDOT and the Lender under this Agreement, the parties shall resolve the dispute according to the Dispute Resolution Procedures set forth in Article 30 of the CDA, as if set forth in full herein, except that references to “the CDA Documents” shall mean this Agreement, references to “Claim” or “Dispute” shall mean disputes under this Agreement, and other references specific to the CDA shall be similarly construed to refer to comparable terms under this Agreement, with the Lender having the same rights and obligations of Developer under the Disputes Resolution Procedures and having the obligation to enter into an identical Disputes Board Agreement (other than substitution of the Lender for Developer). If, however, any such dispute arises out of the same set of facts and circumstances that gives rise to a Dispute or Claim by Developer, then TxDOT shall have the right, without consent from members of any Disputes Board, to consolidate the disputes, claims and proceedings into one proceeding under the Disputes Board Agreement between Developer and TxDOT.

**5.5.2** Nothing in Section 5.5.1 of this Agreement affects Lender rights and remedies against Developer and the Developer’s Interest under the Lender’s Funding Agreements and Security Documents or the procedures available to the Lender under applicable Law to exercise its security interests thereunder. Nothing in Section 5.5.1 of this Agreement changes or affects the Lender’s rights of joinder of TxDOT as a necessary party to the extent provided in Section 3.5.2(j) of the CDA.

**5.6 Successors and Assigns.** This Agreement shall bind and inure to the benefit of the parties hereto and their respective successors and assigns. The Lender shall not assign, subcontract or transfer its interest in this Agreement separately from its interests in the Lender’s Funding Agreements and Security Documents relating to the loan it has made available to Developer for the Project; and any attempt at such assignment, subcontracting or transfer shall be null and void.

**5.7 Severability.** In the event any one or more of the provisions contained in this Agreement shall, for any reason, be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

**5.8 Prior Contracts Superseded.** This Agreement constitutes the sole agreement of the parties hereto with respect to the subject matter set forth herein and supersedes any prior understandings or written or oral contracts between the parties respecting such subject matter.

## 5.9 Notices and Communications

**5.9.1** All notices, correspondence, and other communications under this Agreement shall be in writing and: (a) delivered personally; (b) sent by certified mail, return receipt requested; (c) sent by a recognized overnight mail or courier service, with delivery receipt requested, or (d) sent by facsimile or email communication followed by a hard copy and with receipt confirmed by telephone, to the following addresses (or to such other address as may from time to time be specified in writing by such Person):

**5.9.2** All notices, correspondence and other communications to Lender shall be delivered to the following address:

[Lender’s Name]  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]

E-mail: [●]

**5.9.3** All notices, correspondence and other communications to Developer shall be delivered to the following address:

Blueridge Transportation Group, LLC  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]  
E-mail: [●]

**5.9.4** All notices, correspondence and other communications to TxDOT shall be marked as regarding the SH 288 Toll Lanes Project in Harris County and shall be delivered to the following address:

Texas Department of Transportation  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]  
E-mail: [●]

In addition, copies of all notices regarding disputes shall be delivered to the following person:

Texas Department of Transportation  
Office of General Counsel  
125 East 11th Street  
Austin, Texas 78701  
Telephone: (512) 463-8630  
Facsimile: (512) 475-3070  
E-mail: jingram@dot.state.tx.us

**5.9.5** Notices, correspondence, and communications shall be deemed received when actually received in the office of the addressee (or by the addressee if personally delivered) or when delivery is refused, as shown on the receipt of the U. S. Postal Service, private carrier or other Person making the delivery. Notwithstanding the foregoing, notices sent by facsimile after 4:00 p.m. Central Standard or Daylight Time (as applicable) and all other notices received after 5:00 p.m. shall be deemed received on the first Business Day following delivery (that is, in order for a fax to be deemed received on the same day, at least the first page of the fax must have been received before 4:00 p.m.).

**5.10 Governing Law.** This Agreement shall be governed by the laws of the State of Texas.

**5.11 Counterparts.** This instrument may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, the parties, intending to be legally bound, have executed this Agreement as of the date first written above.

**Developer**

**TxDOT**

**Blueridge Transportation Group, LLC**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**[Lender][Collateral Agent]**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**EXHIBIT 22**  
**FORM OF D&C DIRECT AGREEMENT**



**EXHIBIT 22**  
**FORM OF D&C DIRECT AGREEMENT**

\*\*\*\*\*

**DIRECT AGREEMENT**

This D&C Direct Agreement (the “**Agreement**”) is made by and between the State of Texas acting by and through the Texas Department of Transportation (“**TxDOT**”); Almeda-Genoa Constructors, an unincorporated joint venture consisting of Dragados USA, Inc., a Delaware corporation, Pulice Construction, Inc., an Arizona corporation, and Shikun & Binui - America Inc., a Delaware corporation (“**Design-Build Contractor**”); [GUARANTOR(S)], a [●] (“**Guarantor(s)**”); and Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Developer**”); and collectively, the “**Parties**,” for the purpose of facilitating the State Highway 288 Toll Lanes Project in Harris County (the “**Project**”).

**RECITALS**

WHEREAS, by the Comprehensive Development Agreement (“**CDA**”) for the Project dated [●], 2016, TxDOT has contracted with Developer to carry out the Work.

WHEREAS, by a design and construction contract dated [●] (the “**Design-Build Contract**”), Developer has retained Design-Build Contractor to carry out the Design Work and the Construction Work in relation to the Project.

WHEREAS, by a parent guaranty (the “**DBC Guaranty**”), Guarantor(s) has guaranteed the obligations of Design-Build Contractor under the Design-Build Contract.

WHEREAS, delivery of this Agreement is a condition precedent to Financial Close under the CDA.

NOW, THEREFORE, in consideration of the foregoing premises and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound, the Parties hereby agree as follows:

**ARTICLE 1**  
**DEFINITIONS, CONTRACT DOCUMENTS AND ORDER OF PRECEDENCE**

**1.1 Definitions.** Capitalized terms used but not otherwise defined in this Agreement have the respective meanings set forth in Exhibit 1 to the CDA.

**1.2 Recitals Incorporated.** The Recitals in this Agreement are part of the terms of this Agreement.

**1.3 Contract Documents and Order of Precedence**

1.3.1 Design-Build Contractor shall undertake (for the benefit of TxDOT) to comply with the terms of Section 34.6 of the CDA, as if such terms were incorporated into this Agreement and (for such purpose) references to “Developer” were instead to Design-Build Contractor, with respect to any Intellectual Property that is owned or licensable by Design-Build Contractor and to the extent that any of the following documents are in the ownership or possession of Design-Build Contractor: (a) all Design Documents; and (b) any other information, documents or data acquired or brought into existence or used

in relation to the Work or the Design-Build Contract, in each case that is used by or on behalf of any Developer-Related Entity (as defined in the CDA) in connection with the provision of the Work or the performance of Developer's obligations under the Design-Build Contract (the "**DBC Documents**").

1.3.2 As required under Section 34.4 of the CDA, upon a prior written request by TxDOT, Design-Build Contractor agrees to give TxDOT (or those other Persons authorized by TxDOT) access to the DBC Documents and, at TxDOT's expense, to provide copies (including copy negatives and CAD disks) thereof.

1.3.3 Design-Build Contractor warrants to TxDOT that it has used the standard of skill, care and diligence as set out in Section 2.1.1 to see that the DBC Documents (except to the extent duly appointed sub-contractors have been used to prepare the same) are its own original work and that in any event their use in connection with the Design Work and the Construction Work will not infringe the rights of any third party.

1.3.4 The following documents comprise the contract documents for this Agreement. In the event of any conflict, ambiguity or inconsistency among the contract documents, the order of precedence shall be as follows: (a) supplemental agreements, change orders, and addenda to this Agreement; (b) this Agreement, including Recitals; and (c) those provisions of the CDA that are explicitly referenced in this Agreement.

**1.4 No Effect on CDA.** Nothing in this Agreement amends or modifies any obligations of Developer or, to the extent applicable, Design-Build Contractor or Guarantor, to TxDOT under the CDA.

## **ARTICLE 2 TERMS**

### **2.1 Design-Build Contractor's Representations and Warranties**

2.1.1 Design-Build Contractor warrants to TxDOT that it has carried out and will continue to carry out its duties under the Design-Build Contract in accordance with the Design-Build Contract and that it has exercised and will continue to exercise in the performance of those duties the reasonable skill, care and diligence to be expected of a properly qualified member of its profession experienced in carrying out duties such as its duties under the Design-Build Contract in relation to works of similar scope, nature and complexity to the Design Work and the Construction Work. In particular and without limiting the generality of the foregoing Design-Build Contractor covenants with TxDOT that it has carried out and will carry out and complete the Design Work and the Construction Work in accordance with the Design-Build Contract and duly observe and perform all its duties and obligations thereunder.

2.1.2 Design-Build Contractor shall be entitled in any action or proceedings by TxDOT to raise equivalent rights in defense of liability (except for set off or counterclaim) as it would have against Developer under the Design-Build Contract, and shall have no liability under this Agreement that is of greater severity or of longer duration than it would have had if TxDOT had been a party to the Design-Build Contract as joint employer.

2.1.3 Sections 2.1.1 and 2.1.2 shall apply when TxDOT has exercised its step-in rights under Section 29.4.5 of the CDA or has otherwise terminated the CDA and assumed the Design-Build Contract.

**2.2 Liability of Partners.** Where Design-Build Contractor is a partnership, references in this Agreement to "Design-Build Contractor" will be deemed to include reference to each and every present

and future partner of such partnership and the liability of each and every such partner under this Agreement will be deemed to be joint and several.

**2.3 Inspection of Documents.** Each of Design-Build Contractor's, Guarantor's(s') and Developer's liabilities under this Agreement will not be in any way reduced or extinguished by reason of any inspection or approval of the DBC Documents or attendance at Project meetings or other enquiry or inspection which TxDOT may make or procure to be made for its benefit or on its behalf.

### ARTICLE 3 STEP-IN RIGHTS IN FAVOR OF TXDOT

**3.1 Step-In Rights.** Each of Design-Build Contractor and Guarantor(s) will not exercise or seek to exercise any right which may be or become available to it to terminate or treat as terminated or repudiated the Design-Build Contract or its engagement under it or discontinue or suspend the performance of any duties or obligations thereunder (including those with respect to the Payment Bond and/or the Performance Security) without first giving to TxDOT not less than 60 days' prior written notice, or, in the case of payment default, 30 days' prior written notice, specifying Design-Build Contractor's grounds for terminating or treating as terminated or repudiated the Design-Build Contract or its engagement under it or discontinuing or suspending its performance thereof and stating the amount (if any) of monies outstanding under the Design-Build Contract. Within such period of notice:

3.1.1 TxDOT may give written notice to Design-Build Contractor and Guarantor(s) that TxDOT will thenceforth become Developer under the Design-Build Contract and the DBC Guaranty to the exclusion of Developer and thereupon each of Design-Build Contractor and Guarantor(s) will admit that TxDOT is Developer under the Design-Build Contract and the DBC Guaranty, respectively, and each of the Design-Build Contract and the DBC Guaranty will be and remain in full force and effect notwithstanding any of the said grounds;

3.1.2 If TxDOT has given notice under Section 3.1.1 and Section 3.3, TxDOT shall accept liability for Developer's obligations under the Design-Build Contract and will as soon as practicable thereafter remedy any outstanding breach by Developer which is capable of remedy by TxDOT; and

3.1.3 If TxDOT has given notice under Section 3.1.1 and Section 3.3, TxDOT will from the service of such notice become responsible for all sums properly payable to Design-Build Contractor under the Design-Build Contract accruing due before and after the service of such notice but TxDOT will in paying such sums be entitled to the same rights of set-off and deduction as would have applied to Developer under the Design-Build Contract.

**3.2 TxDOT Obligation to Design-Build Contractor and Guarantor(s).** Notwithstanding anything contained in this Agreement and notwithstanding any payments which may be made by TxDOT to Design-Build Contractor, TxDOT will not be under any obligation to Design-Build Contractor or Guarantor(s) nor will Design-Build Contractor or Guarantor(s) have any claim or cause of action against TxDOT unless and until TxDOT has given written notice to Design-Build Contractor and Guarantor(s) pursuant to Section 3.1.1 and Section 3.3.

**3.3 CDA Termination Covenants.** Each of Design-Build Contractor and Guarantor(s) further covenants with TxDOT that if the CDA is terminated by TxDOT, it will, if requested by TxDOT by notice in writing and subject to Section 3.1.1 and Section 3.1.3 accept the instructions of TxDOT to the exclusion of Developer in respect of its duties under the Design-Build Contract or the DBC Guaranty, as the case may be, upon the terms and conditions thereof and will, if so requested in writing, enter into a

novation agreement whereby TxDOT is substituted for Developer under the Design-Build Contract and the DBC Guaranty.

**3.4 Notice of CDA Termination.** Developer acknowledges that each of Design-Build Contractor and Guarantor(s) will be entitled to rely on a notice given to it by TxDOT under Section 3.3 as conclusive evidence that the CDA has been terminated by TxDOT.

#### **ARTICLE 4 SIGNATORY WARRANTY**

**4.1 By Design-Build Contractor.** The undersigned signatory for Design-Build Contractor hereby represents and warrants that he or she is an officer of Design-Build Contractor organization for which he or she has executed this Agreement and that he or she has full and complete authority to enter into this Agreement on behalf of Design-Build Contractor organization. These representations and warranties are made for the purpose of inducing Developer, Guarantor(s) and TxDOT to enter into this Agreement.

**4.2 By Developer.** The undersigned signatory for Developer hereby represents and warrants that he or she is an officer of Developer organization for which he or she has executed this Agreement and that he or she has full and complete authority to enter into this Agreement on behalf of Developer organization. These representations and warranties are made for the purpose of inducing Design-Build Contractor, Guarantor(s) and TxDOT to enter into this Agreement.

**4.3 By Guarantor(s).** The undersigned signatory for Guarantor(s) hereby represents and warrants that he or she is an officer of Guarantor(s) organization for which he or she has executed this Agreement and that he or she has full and complete authority to enter into this Agreement on behalf of Guarantor(s' organization). These representations and warranties are made for the purpose of inducing Design-Build Contractor, Developer and TxDOT to enter into this Agreement.

**4.4 By TxDOT.** The undersigned signatory for TxDOT hereby represents and warrants that he or she is an officer of TxDOT and has full and complete authority to enter into this Agreement on behalf of TxDOT. These representations and warranties are made for the purpose of inducing Design-Build Contractor, Developer and Guarantor(s) to enter into this Agreement.

#### **ARTICLE 5 GENERAL PROVISIONS**

**5.1 Public Information and Confidentiality.** TxDOT will comply with Government Code, Chapter 552, the Public Information Act, and 43 Texas Administrative Code §3.10 et seq. in the release of information related to this Agreement.

#### **5.2 Amendments and Waivers**

5.2.1 No amendment of this Agreement, and no waiver of any term, covenant or condition of this Agreement, shall be effective unless in writing and signed by the parties to this Agreement.

5.2.2 The exercise by a party of any right or remedy provided under this Agreement or applicable Law shall not waive or preclude any other or further exercise thereof or the exercise of any other right or remedy. No waiver by a party of any right or remedy under this Agreement or applicable Law shall be deemed to be a waiver of any other or subsequent right or remedy under this Agreement or applicable Law. The consent by one party to any act by another party requiring such consent shall not be

deemed to render unnecessary the obtaining of consent to any subsequent act for which consent is required, regardless of whether similar to the act for which consent is given.

### **5.3 Noncollusion**

5.3.1 Each of Design-Build Contractor, Guarantor(s) and Developer warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Design-Build Contractor, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from making of this Agreement.

5.3.2 For breach or violation of this warranty, TxDOT shall have the right to terminate this Agreement without liability.

### **5.4 Gratuities**

5.4.1 Commission policy mandates that employees of TxDOT shall not accept any benefit, gift or favor from any person doing business with or who reasonably speaking may do business with the State under this Agreement. The only exceptions allowed are ordinary business lunches and items that have received the advance written approval of the Executive Director of TxDOT.

5.4.2 Any person doing business with or who reasonably speaking may do business with TxDOT under this Agreement may not make any offer of benefits, gifts or favors to department employees, except as stated above. Failure on the part of Design-Build Contractor, Guarantor(s) or Developer to adhere to this policy may result in the termination of this Agreement.

### **5.5 Disputes**

5.5.1 In the event of any dispute between TxDOT and either Design-Build Contractor or Guarantor(s) under this Agreement, the parties shall resolve the dispute according to the Dispute Resolution Procedures set forth in Article 30 of the CDA, as if set forth in full herein, except that references to “the CDA Documents” shall mean this Agreement, references to “Claim” or “Dispute” shall mean disputes under this Agreement, and other references specific to the CDA shall be similarly construed to refer to comparable terms under this Agreement, with Design-Build Contractor having the same rights and obligations of Developer under the Disputes Resolution Procedures and having the obligation to enter into an identical Disputes Board Agreement (other than substitution of Design-Build Contractor or Guarantor(s) for Developer). If, however, any such dispute arises out of the same set of facts and circumstances that gives rise to a Dispute or Claim by Developer, then TxDOT or Developer shall have the right, without consent from members of any Disputes Board, to consolidate the disputes, claims and proceedings into one proceeding under the Disputes Board Agreement between Developer and TxDOT.

5.5.2 In the event of any dispute between TxDOT and Developer under this Agreement, the parties shall resolve the dispute according to the Dispute Resolution Procedures set forth in Article 30 of the CDA, as if set forth in full herein, except that references to “the CDA Documents” shall mean this agreement, references to “Claim” or “Dispute” shall mean disputes under this agreement, and other references specific to the CDA shall be similarly construed to refer to comparable terms under this Agreement.

5.5.3 The rights and benefits conferred upon TxDOT by this Agreement are in addition to any other rights and remedies it may have against Design-Build Contractor, Guarantor(s) or Developer, including without prejudice to the generality of the foregoing any remedies in negligence.

**5.6 Successors and Assigns.** This Agreement shall bind and inure to the benefit of TxDOT and each of Design-Build Contractor, Guarantor(s) and Developer and their respective successors and assigns. Design-Build Contractor shall not assign, subcontract or transfer its interest in this Agreement separately from its interests in the Design-Build Contract; and any attempt at such assignment, subcontracting or transfer shall be null and void. No party to this Agreement may assign or transfer any part of its rights or obligations hereunder without the prior written consent of the other parties.

**5.7 Severability.** In the event any one or more of the provisions contained in this Agreement shall, for any reason, be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein. In addition, the Parties shall endeavor in good-faith negotiations to replace any such invalid, illegal, or unenforceable provisions with valid, legal, and enforceable provisions with the same or comparable economic effect and benefit as such invalid, illegal, or unenforceable provisions.

**5.8 Prior Contracts Superseded.** This Agreement constitutes the sole agreement of the parties hereto with respect to the subject matter set forth herein and supersedes any prior understandings or written or oral contracts between the parties respecting such subject matter.

### **5.9 Notices and Communications**

5.9.1 All notices, correspondence, and other communications under this Agreement shall be in writing and: (a) delivered personally; (b) sent by certified mail, return receipt requested; (c) sent by a recognized overnight mail or courier service, with delivery receipt requested, or (d) sent by facsimile or email communication followed by a hard copy and with receipt confirmed by telephone, to the following addresses (or to such other address as may from time to time be specified in writing by such Person):

5.9.2 All notices, correspondence and other communications to Design-Build Contractor shall be delivered to the following address or as otherwise directed by Design-Build Contractor's Authorized Representative (as defined in the CDA):

[Design-Build Contractor's Name]  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]  
E-mail: [●]

5.9.3 All notices, correspondence and other communications to Developer shall be delivered to the following address or as otherwise directed by Developer's Authorized Representative (as defined in the CDA):

[Developer's Name]  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]  
E-mail: [●]

5.9.4 All notices, correspondence and other communications to TxDOT shall be marked as regarding the SH 288 Toll Lanes Project in Harris County and shall be delivered to the following address or as otherwise directed by TxDOT's Authorized Representative (as defined in the CDA):

Texas Department of Transportation  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]  
E-mail: [●]

5.9.5 All notices, correspondence and other communications to Guarantor(s) shall be delivered to the following address or as otherwise directed by Guarantor's(s') Authorized Representative (as defined in the CDA):

[Guarantor's(s') Name]  
[Address]  
Attention: [●]  
Telephone: [●]  
Facsimile: [●]  
E-mail: [●]

In addition, copies of all notices regarding disputes shall be delivered to the following person:

Texas Department of Transportation  
Office of General Counsel  
125 East 11th Street  
Austin, Texas 78701  
Telephone: (512) 463-8630  
Facsimile: (512) 475-3070  
E-mail: [jingram@dot.state.tx.us](mailto:jingram@dot.state.tx.us)

5.9.6 Notices, correspondence, and communications shall be deemed received when actually received in the office of the addressee (or by the addressee if personally delivered) or when delivery is refused, as shown on the receipt of the U. S. Postal Service, private carrier or other Person making the delivery. Notwithstanding the foregoing, notices sent by facsimile after 4:00 p.m. Central Standard or Daylight Time (as applicable) and all other notices received after 5:00 p.m. shall be deemed received on the first Business Day following delivery (that is, in order for a fax to be deemed received on the same day, at least the first page of the fax must have been received before 4:00 p.m.).

**5.10 Governing Law.** This Agreement shall be governed by the laws of the State of Texas.

**5.11 Counterparts.** This instrument may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

**Signature Page Immediately Follows**





IN WITNESS WHEREOF, the parties, intending to be legally bound, have executed this Agreement as of the date first written above.

**TxDOT**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Developer**

**Blueridge Transportation Group, LLC**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Design-Build Contractor**

**Almeda-Genoa Constructors**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Guarantor(s)**

[●]

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**EXHIBIT 23**  
**FORM OF JOINDER AGREEMENT**

\* \* \* \* \*

**PROJECT LEASE**  
**STATE HIGHWAY 288 TOLL LANES IN HARRIS COUNTY**

This Joinder Agreement (this “**Joinder Agreement**”) is made and entered into effective as of [●], by and among the Texas Department of Transportation, a public agency of the State of Texas (“**TxDOT**”), Blueridge Transportation Group, LLC, a Delaware limited liability company (“**Developer**”), and The Bank of New York Trust Company, N.A. (the “**Custodian**”).

WHEREAS, TxDOT and Developer have entered into the certain Comprehensive Development Agreement dated [●], 2016 (the “**CDA**”) pursuant to which Developer has agreed to construct and operate the SH 288 Toll Lanes Project in Harris County described therein (the “**Project**”);

WHEREAS, TxDOT and the Custodian have entered into the certain Master Lockbox and Custodial Account Agreement dated as of November 9, 2007 (the “**Master Lockbox and Custodial Account Agreement**”);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, TxDOT, Developer and the Custodian agree as follows:

**1. Defined Terms.** Capitalized terms not otherwise defined in this Joinder Agreement shall have the same meaning assigned to such terms in the Master Lockbox and Custodial Account Agreement.

**2. Designation of Developer as “Beneficiary”.** TxDOT hereby designates Developer as a “Beneficiary” under the Master Lockbox and Custodial Account Agreement with respect to the Project and toll revenues arising from the Project which are at any time held by the Custodian under the Master Lockbox and Custodial Account Agreement and which under the terms of Section 31.14.4 of the CDA TxDOT is obligated to direct to be paid to the Custodian. On the date described in Section 31.14.11 of the CDA, Developer’s rights as a Beneficiary shall cease and Developer shall deliver to the Custodian written notice of confirmation of termination of Developer’s rights as a Beneficiary.

**3. Agreements of TxDOT.** TxDOT hereby covenants and agrees as follows:

(a) TxDOT will comply with the terms of the Master Lockbox and Custodial Account Agreement and perform the obligations of TxDOT specified in the Master Lockbox and Custodial Account Agreement, including but not limited to, the obligation of TxDOT to direct the Custodian to pay directly to Developer any amount that is in respect of toll transactions on the Project after the Termination Date under the CDA. TxDOT agrees that all funds that it instructs the Custodian to pay to the Developer shall be designated by the Custodian in its transmittal to the Developer as “Toll Revenues from Transponder Transactions or Video Transactions”.

(b) TxDOT will enforce the Master Lockbox and Custodial Account Agreement in accordance with its terms and provisions and will not amend, modify or waive any of the terms and provisions thereof which would materially adversely affect the rights of Developer as a “Beneficiary” thereunder.

(c) TxDOT will not terminate or allow to expire in accordance with its terms the Master Lockbox and Custodial Account Agreement unless (i) TxDOT has executed a new Master Lockbox and Custodial Account Agreement with a replacement custodian on terms and conditions substantially similar to the Master Lockbox and Custodial Account Agreement, or (ii) the date described in Section 31.14.11 of the CDA has occurred.

(d) TxDOT shall deliver to Developer and the Collateral Agent a copy of all notices, certificates, and instructions delivered by or on behalf of TxDOT to the Custodian as and when delivered to the Custodian.

(e) Agreements of Developer. Developer hereby covenants and agrees that it shall have no greater right or interest in and to the funds and accounts created pursuant to the Master Custodial Account Agreement than is provided in the CDA.

**5. Agreements of Custodian.** The Custodian hereby covenants and agrees as follows:

(a) The Custodian acknowledges that Developer is a “Beneficiary”, as that term is used in the Master Lockbox and Custodial Account Agreement, entitled to the rights of a Beneficiary as provided thereunder, including Article VII thereof, and this Joinder Agreement constitutes a Joinder Agreement under the Master Lockbox and Custodial Account Agreement.

(b) The Custodian hereby acknowledges that Developer may from time to time enter into certain Financing Documents pursuant to which Developer has pledged its rights as a “Beneficiary” to secure its various obligations under or related to such Financing Documents. The Custodian acknowledges that the Secured Party acts as agent for various Persons in connection with the exercise of such Person’s rights under the Financing Documents.

(c) The Custodian will transfer amounts required to be transferred to Developer as a Beneficiary under Section 2.03 of the Master Lockbox and Custodial Account Agreement as follows or as otherwise from time to time instructed by TxDOT and shall designate such amounts at the time of each transfer as “Toll Revenues from Transponder Transactions or Video Transactions”: [●].

**6. Agreements as to Toll Revenues.** Each of TxDOT, the Custodian and Developer hereby acknowledges and agrees as follows:

(a) The Master Lockbox and Custodial Account Agreement and arrangements thereunder are intended to ensure that (i) toll revenues from operation of the Project do not come into the possession of, or under the control of, TxDOT, the State of Texas, or any other governmental entity of the State of Texas, or become the assets or property of TxDOT, the State of Texas or any such other governmental entity that is subject to constraints imposed by principles of legislative or administrative appropriation, or to treatment as public funds, unless and until the portion of such toll revenues that TxDOT is entitled to receive pursuant to the terms of the CDA is actually distributed to TxDOT from funds deposited into the Master Custodial Accounts, and (ii) toll revenues from the operation of the Project do not become payments, project savings, refinancing dividends or any other revenue under a comprehensive development agreement received by TxDOT or the Texas Transportation Commission for any purposes by virtue of their deposit into any Master Lockbox Account or Master Custody Account or the custodial arrangements evidenced by the Master Lockbox and Custodial Account Agreement.

(b) All toll revenue that accrues from the use of the Project during the period this Joinder Agreement is in effect shall be subject to the respective rights and interests of TxDOT and Developer as set forth in the CDA.

(c) To the extent provided in the Master Lockbox and Custodial Account Agreement, the Custodian will have dominion and control of all toll revenues from operation of the Project for purposes of crediting and transferring such toll revenues from use of the Project to the Developer for deposit as contemplated by the CDA.

(d) If for any reason TxDOT receives any payment for any use of the Project during the period this Joinder Agreement is in effect, all toll revenues that are part of such payment shall be deemed received by TxDOT merely as a bailee or agent for the Custodian and shall not constitute funds of TxDOT or the State of Texas or funds received by TxDOT or the Texas Transportation Commission as payments, project savings, refinancing dividends or any other revenue under a comprehensive development agreement, and TxDOT agrees to promptly remit such payments to the Custodian for handling in accordance with the terms of the Master Lockbox and Custodial Account Agreement.

(e) None of the Master Lockbox Accounts or Master Custody Accounts are accounts or subaccounts established pursuant to Section 228.012 of the Texas Transportation Code.

**7. Governing Law.** This Joinder Agreement shall be governed by and construed in accordance with the laws of the State of Texas.

**8. DRP Governed Agreement.** TxDOT and Developer agree that all disputes between them arising under this Joinder Agreement shall be subject to the Dispute Resolution Procedures under the CDA.

**Signature Page Immediately Follows**

IN WITNESS WHEREOF, the parties hereto have executed this Joinder Agreement by their officers thereunto duly authorized as of the day and year first written above.

**TxDOT**

**Texas Department of Transportation**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Developer**

**Blueridge Transportation Group, LLC**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]

**Custodian**

**The Bank of New York Trust Company, N.A.**

By: \_\_\_\_\_  
Name: [●]  
Title: [●]