

TEXAS DEPARTMENT OF TRANSPORTATION
TECHNICAL PROVISIONS
FOR
SH 99 GRAND PARKWAY SEGMENTS H, I-1 AND I-2

ATTACHMENT 11-1
CROSS STREET DESIGN CRITERIA MATRIX

ADDENDUM #3

SEPTEMBER 18, 2015

SH 99 GRAND PARKWAY
ATTACHMENT 11-1
Cross Street Design Criteria Matrix
Segment H

Intersecting Street	Ultimate Typical Section	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	NORTHBOUND					Turn Lanes	Median	SOUTHBOUND				
							U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Sidewalk and Min. Usable Width (LF)	Curb and Gutter	Through Lanes			Through Lanes	Curb and Gutter	Sidewalk and Min. Usable Width (LF)	Clear Zone for Cross Street Thru Lanes	U-Turn (each)
Future Road 2G	A	Montgomery Co.	Urban Local	45	Under SH 99	WB-50	1	6'	5'	Y	2 (12')	2 (12')	4' Curbed	2 (12')	Y	5'	6'	1
IH69/US59 Northbound Frontage Road	J	TxDOT	Urban Collector	45	Under SH 99	WB-50	1	6'	5'	Y	2 (12')	1 (12')	0	N/A	N/A	N/A	N/A	N/A
IH69/US59 Mainlanes	N/A	TxDOT	Rural Freeway	70	Under SH 99	N/A	0	30'	Match Existing Mainlanes and Structures								30'	0
IH69/US59 Southbound Frontage Road	J	TxDOT	Urban Collector	45	Under SH 99	WB-50	N/A	N/A	N/A	N/A	N/A	1 (12')	0	2 (12')	Y	5'	6'	1
Loop 494	C	TxDOT	Rural Collector	45	Under SH 99	WB-50	0	16'	N/A	N	1 (12')	2 (12')	0	1 (12')	N	N/A	16'	0
Future Thoroughfare #1	A	Montgomery Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	0
Baptist Encampment Road	B	Montgomery Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0
FM1485	G	TxDOT	Rural Collector	45	Under SH 99	WB-50	1	10'	N/A	N	1 (12')	2 (12')	0	1 (12')	N	N/A	10'	0
Wilderness Road	H	Montgomery Co.	Rural Local	45	Under SH 99	WB-50	1	10'	N/A	N	1 (12')	N	0	1 (12')	N	N/A	10'	0
Galaxy Blvd.	A	Montgomery Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	0
FM1485 EB (Westbound Frontage Rd)	I	TxDOT	Rural Collector	45	Under SH 99	WB-50	1	N/A	N/A	N/A	N/A	N	0	2 (12')	N	N/A	16'	0
Cypress Hollow/ Roots Down Rd.	H	Harris Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	1 (12')	N	0	1 (12')	N	N/A	10'	0
Huffman - Cleveland Road	A	Harris Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	26	1 (12') 1 (14')	Y	5'	6'	0

Assumptions:

Urban - Curb and gutter with minimum 5' sidewalk on all urban roadways. Pedestrian accommodations only on Urban Facilities.

Rural - No curb and gutter, minimum 6' shoulders, minimum 10' clear zone (unless otherwise shown).

SH 99 GRAND PARKWAY
ATTACHMENT 11-1
Cross Street Design Criteria Matrix
Segment H

Intersecting Street	Ultimate Typical Section	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	EASTBOUND					Turn Lanes	Median	WESTBOUND				
							U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Sidewalk and Min. Usable Width (LF)	Curb and Gutter	Through Lanes			Through Lanes	Curb and Gutter	Sidewalk and Min. Usable Width (LF)	Clear Zone for Cross Street Thru Lanes	U-Turn (each)
Future Thoroughfare #2 (Miller Wilson)	A	Liberty Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	26	1 (12') 1 (14')	Y	5'	6'	0
Future Thoroughfare #3 (Community)	A	Liberty Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	26	1 (12') 1 (14')	Y	5'	6'	0
Future Thoroughfare #3A* (Wolf Trot)	A	Liberty Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	26	1 (12') 1 (14')	Y	5'	6'	0
Future Thoroughfare #4 (Kingwood)	A	Liberty Co.	Urban Collector	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	0
CR622	B	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0
FM686	D	TxDOT	Rural Collector	45	Under SH 99	WB-50	0	16'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	16'	0
CR621	B	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0
FM1960	D	TxDOT	Rural Arterial	45	Under SH 99	WB-50	0	16'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	16'	0
CR605	B	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0
CR603	B	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0
CR602	B	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0

Assumptions:

Urban - Curb and gutter with minimum 5' sidewalk on all urban roadways. Pedestrian accommodations only on Urban Facilities.

Rural - No curb and gutter, minimum 6' shoulders, minimum 10' clear zone (unless otherwise shown).

*NOTE: Crossing includes 14' wide Luce Bayou Canal access road south of roadway; see Sheet 7 of Attachment 19-2.

SH 99 GRAND PARKWAY
ATTACHMENT 11-1
Cross Street Design Criteria Matrix
Segment I-1

Intersecting Street	Ultimate Typical Section	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	EASTBOUND					Turn Lanes	Median	WESTBOUND				
							U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Sidewalk and Min. Usable Width (LF)	Curb and Gutter	Through Lanes			Through Lanes	Curb and Gutter	Sidewalk and Min. Usable Width (LF)	Clear Zone for Cross Street Thru Lanes	U-Turn (each)
US90	E	TxDOT	Rural Arterial	45	Under SH 99	WB-50	0	30'	N/A	N	2 (12')	N/A	0	2 (12')	N	N/A	30'	0
CR491	H	Liberty Co.	Rural Local	30	N/A	WB-50	0	10'	N/A	N	1 (10')	N	0	1 (10')	N	N/A	10'	0
FM1413	D	TxDOT	Rural Collector	45	Under SH 99	WB-50	0	16'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	16'	0
Future Thoroughfare #5A	D	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	16'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	16'	0
Future Thoroughfare #5B (Sta 2549+95)	H	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	1 (12')	N	0	1 (12')	N	N/A	10'	0
Future Thoroughfare #5B (Sta 2551+25)	B	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	2 (12')	N	0	2 (12')	N	N/A	10'	0
Future Thoroughfare #5C	D	Liberty Co.	Rural Local	45	Under SH 99	WB-50	0	16'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	16'	0
SH146	D	TxDOT	Rural Arterial	45	Under SH 99	WB-50	0	16'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	16'	0
FM565* (North Crossing)	D	TxDOT	Rural Collector	45	Under SH 99	WB-50	1	10'	N/A	N	2 (12')	2 (12')	0	2 (12')	N	N/A	10'	0
Future Thoroughfare #6	A	Chambers Co.	Urban Local	45	Under SH 99	WB-50	1	6'	5'	Y	1 (12') 1 (14')	2 (12')	4	1 (12') 1 (14')	Y	5'	6'	1
IH10 Eastbound Frontage Road	J	TxDOT	Urban Collector	45	Under SH 99	WB-50	N/A	N/A	N/A	N/A	N/A	1 (12')	0	2 (12')	Y	5'	6'	1
IH10 Mainlanes	N/A	TxDOT	Rural Freeway	70	Under SH 99	N/A	0	30'	Match Existing Mainlanes and Structures								30'	0
IH10 Westbound Frontage Road	J	TxDOT	Urban Collector	45	Under SH 99	WB-50	1	6'	5'	Y	2 (12')	1 (12')	0	N/A	N/A	N/A	N/A	N/A
Future Thoroughfare #7	A	Chambers Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	0
Kilgore Road	A	Chambers Co.	Urban Local	45	Under SH 99	WB-50	0	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	0

Assumptions:

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Rural - No curb and gutter, minimum 6' shoulders, minimum 10' clear zone (unless otherwise shown).

*NOTE: Crossing includes 14' wide Barbers Hill Canal access road south of roadway; see Sheet 18 of Attachment 19-2.

SH 99 GRAND PARKWAY
ATTACHMENT 11-1
Cross Street Design Criteria Matrix
Segment I-2

Intersecting Street	Ultimate Typical Section	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	NORTHBOUND					Turn Lanes	Median	SOUTHBOUND				
							U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Sidewalk and Min. Usable Width (LF)	Curb and Gutter	Through Lanes			Through Lanes	Curb and Gutter	Sidewalk and Min. Usable Width (LF)	Clear Zone for Cross Street Thru Lanes	U-Turn (each)
Wyoming	F	City of Baytown	Urban Local	45	Under SH 99	WB-50	1	6'	5'	Y	1 (14')	2 (12')	0	1 (14')	Y	5'	6'	1
Lee Drive	A	City of Baytown	Urban Local	45	Under SH 99	WB-50	1	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	1
Wismer Road	A	City of Baytown	Urban Local	45	Under SH 99	WB-50	1	6'	5'	Y	1 (12') 1 (14')	2 (12')	2	1 (12') 1 (14')	Y	5'	6'	1
BS146	A	TxDOT	Urban Arterial	45	Under SH 99	WB-50	1	6'	5'	Y	2 (12')	2 (12')	12	2 (12')	Y	5'	6'	1
Tri-Cities Beach Road	G	Harris Co.	Rural Local	45	Under SH 99	WB-50	0	10'	N/A	N	1 (12')	2 (12')	0	1 (12')	N	N/A	10'	1
FM1405	A	TxDOT	Rural Collector	45	Under SH 99	WB-50	1	6'	5'	Y	2 (12')	2 (12')	4	2 (12')	Y	5'	6'	1
Fisher Road	A	Chambers County	Urban Local	45	Under SH 99	WB-50	1	6'	5'	Y	2 (12')	2 (12')	14	2 (12')	Y	5'	6'	0

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TEXAS DEPARTMENT OF TRANSPORTATION
TECHNICAL PROVISIONS
FOR
SH 99 GRAND PARKWAY SEGMENTS H, I-1 AND I-2

ATTACHMENT 19-1

PERFORMANCE AND MEASUREMENT TABLE
DURING CONSTRUCTION

ADDENDUM #3

SEPTEMBER 18, 2015

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Permanent Remedy	Cat 2 Permanent Repair			
1) PAVEMENT									
							Unless stated otherwise, measurements shall be conducted using procedures, techniques, and measuring equipment consistent with TxDOT's <i>Pavement Management Information System Rater's Manual</i> . Unless otherwise stated, pavement performance measurement records relate to 0.1-mile sections as described in the <i>Pavement Management Information System Rater's Manual</i> .		
	1.1	Ruts	All roadways are free from surface depressions in wheel path.	24 hrs	28 days	6 months	Visual inspection at travel speed 10 ft straight edge used to measure rut depth for localized areas.	Depth of rut at any location greater than 0.5"	N/A Nil
	1.2	Ride quality	All roadways have a smooth surface course (including bridge decks, covers, gratings, frames and boxes).	24 hrs	28 days	6 months	Ride quality will not be measured.		N/A
	1.3	Failures	All roadways are free from failures.	2 hrs	28 days	N/A	Instances of failures exceeding the failure criteria set forth in the TxDOT PMIS Rater's Manual, including potholes, base failures, punchouts and jointed concrete pavement failures	Occurrence of any failure	Nil

**ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION**

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Permanent Remedy	Cat 2 Permanent Repair			
	1.4	Edge drop-offs	All roadways are free from edge drop-offs	24 hrs	28 days	6 months	Physical measurement of edge drop-off level compared to adjacent surface	Instances of edge drop-off greater than 2"	Nil
	1.5	Skid resistance	All roadways have adequate skid resistance Road Users warned of potential skidding hazards	24 hrs	28 days	6 months	Skid resistance will not be measured	Instances where road Users warned of potential skidding hazard	N/A 100%
	1.6	Crossovers and other paved areas	Crossovers and other paved areas are free of defects based on visual survey	2 hrs	28 days	N/A	Instances of failures exceeding the failure criteria set forth in the TxDOT PMIS Rater's Manual, including potholes, base failures, punchouts and jointed concrete pavement failures	Occurrence of any failure	Nil
	1.7	Joints in concrete	Joints in concrete paving are sealed and watertight Longitudinal joint separation	24 hrs	28 days	6 months	Visual inspection of joints Measurement of joint width and level difference of two sides of joints	Length unsealed joints greater than 1/4" Joint width more than 1" or faulting more than 1/4"	Nil Nil

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ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
2) DRAINAGE									
	2.1	Pipes, ditches, and channels	Each element of the drainage system is maintained in its proper function by cleaning, clearing and/or emptying as appropriate including any vegetation, debris and silt from the point at which water drains from the travel way to the outfall or drainage way.	24 hrs	28 days	6 months	Visual inspection following heavy rain	Identify areas of water back-up	Nil
	2.2	Drainage treatment devices	Drainage treatment and balancing systems, flow and spillage control devices function correctly and their location and means of operation is recorded adequately to permit their correct operation in Emergency.	24 hrs	28 days	6 months	Visual inspection	Devices functioning correctly with means of operation displayed	100%
	2.3	Travel way	The travel way is free from water to the extent that such water would represent a hazard by virtue of its position and depth.	24 hrs	28 days	6 months	Visual inspection of water on surface	Instances of hazardous water build-up	Nil
	2.4	Discharge systems	Surface water discharge systems perform their proper function and discharge to groundwater and waterways complies with the relevant legislation and permits.	24 hrs	28 days	6 months	Visual inspection and records	Non-compliances with legislation	Nil
	2.5	Protected species	Named species and habitats are protected.	24 hrs	28 days	6 months	Visual inspection	Compliance with the requirement	100%
	2.6	Erosion	Address erosion greater than 12" deep along ditches, swales, ponds, and channels	24 hrs	28 days	3 months	Visual inspection and records	Compliance with the requirement	100%

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ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	2.7	Channels and ditches – Permanent Erosion Control Measures	Where permanent erosion control measures such as rock or concrete riprap are utilized: repair undermined or damaged erosion control measures	24 hrs	28 days	3 months	Visual inspection	Inspection records showing compliance	100%
3) STRUCTURES									
	3.1	Structure components (Structures having an opening measured along the center of the roadway of more than 20 feet between undercopings of abutments or springlines of arches or extreme ends of openings or multiple boxes)	(i) Substructures and superstructures are free of: <ul style="list-style-type: none"> • undesirable vegetation • debris and bird droppings • blocked drains, weep pipes manholes and chambers • blocked drainage holes in structural components • defects in joint sealants • defects in pedestrian protection measure • scour damage • corrosion of rebar • paint system failures • impact damage (ii) Expansion joints free of: <ul style="list-style-type: none"> • dirt, debris and vegetation • defects in drainage systems • loose nuts and bolts • defects in gaskets (iii) The deck drainage system is free of all debris and operates as intended. (iv) Parapets free of:	24 hrs	28 days	6 months	Inspection and assessment in accordance with the requirements of federal National Bridge Inspection Standards (NBIS) of the Code of Federal Regulations, 23 Highways – Part 650, the TxDOT Bridge Inspection Manual, and the Federal Highway Administration’s Bridge Inspector’s Reference Manual.	Records as required in the TxDOT Bridge Inspection Manual Occurrences of condition rating below seven (7) for any deck, superstructure or substructure	100% Nil

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ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	3.1 cont.		<ul style="list-style-type: none"> • loose nuts and bolts • blockages of hollow section drain holes • graffiti • vegetation • accident damage (v) Bearings and bearing shelves are clean. (vi) Sliding and roller surfaces are clean and greased to ensure satisfactory performance. Additional advice contained in bearing manufacturers' instructions in the Structure Maintenance Manual is followed. (vii) Special finishes are clean and perform to the appropriate standards. (viii) All non-structural items such as hoists and electrical fixings, operate correctly, are clean and lubricated as appropriate, in accordance with the manufacturer's recommendations and certification of lifting devices is maintained.	24 hrs	28 days	6 months			
	3.2	Non-bridge class culverts	Non-bridge-class culverts are free of: <ul style="list-style-type: none"> • vegetation and debris and silt • defects in sealant to movement joints • scour damage 	24 hrs	28 days	6 months	Visual inspection	Number with vegetation, debris and silt Number with defects in sealant and movement joints Number with scour damage	Nil Nil Nil

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PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION**

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	3.3	Load ratings	All structures maintain the design load capacity.	24 hrs	28 days	6 months	Load rating calculations in accordance with the Manual for Bridge Evaluation and the TxDOT Bridge Inspection Manual. Load restriction requirements as per the TxDOT Bridge Inspection Manual	Number of load restrictions for Texas legal loads (including legally permitted vehicles)	Nil
	3.4	Gantries and high masts	Sign signal gantries, high masts are structurally sound and free of: <ul style="list-style-type: none"> • loose nuts and bolts • defects in surface protection systems 	24 hrs	28 days	6 months	Visual inspection	Number with loose assemblies Number with defects in surface protection	Nil Nil
	3.5	Access points	All hatches and points of access have fully operational and lockable entryways.	24 hrs	28 days	6 months	Visual inspection	Number of Defects in locks or entryways	Nil
	3.6	Mechanically stabilized earth and retaining walls	Mechanically stabilized earth and retaining walls free of: <ul style="list-style-type: none"> • blocked weep holes • undesirable vegetation • defects in joint sealants • defects in pedestrian protection • scour damage • corrosion of reinforcing bars • paint system failure • concrete spalling • impact damage Parapets free of: <ul style="list-style-type: none"> • loose nuts and bolts 	24 hrs	28 days	6 months	Perform inspection and assessment using Good Industry Practice of all mechanically stabilized earth and retaining walls	Mechanically stabilized earth and retaining walls are 95% free of blocked weep holes, undesirable vegetation, defects in joint sealants, defects in pedestrian protection, scour damage, corrosion of reinforcing bars, paint system failure, concrete spalls and impact damage Number of parapet areas with loose nuts & bolts, blockage, undesirable vegetation, impact damage or concrete spalling in the Performance Section.	100% Nil

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ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	3.6 cont.		<ul style="list-style-type: none"> blockage of drain holes undesirable vegetation impact damage concrete spalling 	24 hrs	28 days	6 months			
4) PAVEMENT MARKINGS, OBJECT MARKERS, BARRIER MARKERS AND DELINEATORS									
	4.1	Pavement markings	Pavement markings are: <ul style="list-style-type: none"> clean and visible during the day and at night whole and complete and of the correct color, type, width and length placed to meet the TMUTCD and TxDOT's Pavement Marking Standard Sheets 	24 hrs	28 days	6 months	a) Markings - General Visual inspection at 300 ft with low beams as per earlier TxDOT practice Physical measurement b) Profile Markings Visual inspection	Length found defective Length with more than 5% loss of area of material at any point Length with spread more than 10% of specified dimensions. Length performing its intended function and compliant with relevant regulations	Nil Nil Nil 100%
	4.2	Raised reflective markers	Raised reflective pavement markers are: <ul style="list-style-type: none"> clean and clearly visible of the correct color and type reflective or retroreflective as per TxDOT standard correctly located, aligned and at the correct level are firmly fixed are in a condition that will ensure that they remain at the correct level. 	24 hrs	28 days	6 months	Visual inspection	Number of markers associated with road markings that are ineffective in any 10 consecutive markers. (Ineffective includes missing, damaged, settled or sunk) A minimum of four markers should be visible at 80' spacing when viewed under low beam headlights Uniformity (replacement raised reflective pavement markers have equivalent physical and performance characteristics to adjacent markers).	Nil 100% 100%

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				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	4.3	Delineators & markers	Object markers, mail box markers and delineators are: <ul style="list-style-type: none"> • clean and visible • of the correct color and type • legible and reflective • straight and vertical 	24 hrs	28 days	6 months	Visual inspection	Less than 5% of object markers or delineators defective or missing	100%
5) CURBS, GUARDRAILS, SAFETY BARRIERS AND IMPACT ATTENUATORS									
	5.1	Curbs	Curbs are free of cracks, chips and separation and are in good alignment.	24 hrs	28 days	6 months	Visual inspection Physical measurement 10 feet straight edge will be used to measure each curb alignment	Continuous curb lengths where more than 10% of the length has defects such as cracks and chips Continuous curb lengths where more than 5% of the length has a separation exceeding 0.25" between curb face and adjacent roadway surface Deviation from original alignment greater than 1"	Nil Nil Nil
	5.2	Guard rails and safety barriers	All guardrails, safety barriers, and concrete barriers are maintained free of Defects. They are appropriately placed and correctly installed at the correct height and distance from roadway or obstacles. Installation and repairs shall be carried out in accordance with the requirements of NCHRP 350 standards.	24 hrs	28 days	6 months	Visual inspection	Length of road restraint systems correctly installed Length free from defects Length at correct height Length at correct distance from roadway and obstacle	100% 100% 100% 100%
	5.3	Impact attenuators	All impact attenuators are appropriately placed, correctly installed, and free of damage.	24 hrs	7 days	6 months	Visual inspection	Number correctly placed and installed	100%

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				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
6) TRAFFIC SIGNS									
	6.1	General – All signs	(i) Signs are clean, correctly located, clearly visible, legible, reflective, at the correct height and free from structural and electrical defects (ii) Identification markers are provided, correctly located, visible, clean and legible (iii) Sign mounting posts are vertical, structurally sound and rust free (iv) All break-away sign mounts are clear of silt or other debris that could impede break-away features and shall have correct stub heights (v) Obsolete and redundant signs are removed or replaced as appropriate (vi) Visibility distances meet the stated requirements (vii) Sign information is of the correct size, location, type and wording to meet its intended purpose and any statutory requirements (viii) All structures and elements of the signing system are kept clean and free from debris and have clear access provided.	24 hrs	28 days	6 months	a) Retroreflectivity Visual inspection at 300 ft with low beams as per earlier TxDOT practice b) Face damage Visual inspection c) Placement Visual inspection d) Sign Information Visual inspection	Number of signs found nonreflective Number of signs with face damage greater than 5% of area Signs are placed in accordance with TxDOT's Sign Crew Field Book including not twisted or leaning Sign information is of the correct size, location, type and wording to meet its intended purpose	Nil Nil 100% 100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Permanent Remedy	Cat 2 Permanent Repair			
	6.1 cont.		(ix) All replacement and repair materials and equipment are in accordance with the requirements of the TMUTCD	24 hrs	28 days	6 months			
	6.2	General - Safety critical signs	Requirements as 6.1, Plus: "Stop," "Yield," "Do Not Enter," "One Way" and "Wrong Way" signs are clean legible and undamaged.	2 hrs	7 days	N/A	Visual inspection	Number of damaged safety critical signs	Nil
7) TRAFFIC SIGNALS									
	7.1	General	(i) Traffic Signals and their associated equipment are: <ul style="list-style-type: none"> • clean and visible • correctly aligned and operational • free from damage caused by accident or vandalism (ii) Signal timing and operation is correct (iii) Contingency plans are in place to rectify Category 1 defects not immediately repairable to assure alternative traffic control is provided during a period of failure	2 hrs	24 hrs	6 months	a) General condition Visual inspection b) Damage Visual inspection c) Signal timing Timed measurements d) Contingency plans Records review	Signals are clean and visible Signals are undamaged Installations have correct signal timings Full contingency plans are in place	100% 100% 100% 100%
	7.2	Soundness	Traffic signals are structurally and electrically sound	24 hrs	28 days	6 months	a) Structural soundness Visual inspection b) Electrical soundness Testing to meet NEC regulations	Inspection records showing safe installation and maintenance	100% 100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Permanent Remedy	Cat 2 Permanent Repair			
	7.3	Identification marking	Signals have identification markers and the telephone number for reporting faults are correctly located, clearly visible, clean and legible	N/A	28 days	6 months	Visual inspection	Inspection records showing identification markers and other information are easily readable	100%
	7.4	Pedestrian elements and vehicle detectors	All pedestrian elements and vehicle detectors are correctly positioned and fully functional at all times	24 hrs	28 days	6 months	Visual Inspection	Inspection records showing compliance	100%
8) LIGHTING									
	8.1	Roadway lighting – General	(i) All lighting is free from defects and provides acceptable uniform lighting quality (ii) Lanterns are clean and correctly positioned (iii) Lighting units are free from accidental damage or vandalism (iv) Columns are upright, correctly founded, visually acceptable and structurally sound	24 hrs	28 days	6 months	a) Mainlane lights operable Night time inspection or automated logs b) Mainlane lights out of action Night time inspection or automated logs	Performance Sections with less than 90% of lights functioning correctly at all times Instances of more than two consecutive lights not functioning	Nil Nil
	8.2	Sign lighting	Sign lighting is fully operational	24 hrs	28 days	6 months	Night time inspection or automated logs	Instances of more than one bulb per sign not working	Nil
	8.3	Electrical supply	Electricity supply, feeder pillars, cabinets, switches and fittings are electrically, mechanically and structurally sound and functioning	24 hrs	7 days	28 days	Testing to meet NEC regulations, visual inspection	Inspection records showing safe installation and maintenance	100%
	8.4	Access panels	All access panels in place at all times.	24 hrs	7 days	28 days	Visual inspection	Instances of missing access panels	Nil

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitiga- tion	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	8.5	High mast lighting	(i) All high mast luminaries functioning on each pole (ii) All obstruction lights are present and working (if required) (iii) Compartment door is secure with all bolts in place (iv) All winch and safety equipment are correctly functioning and maintained without rusting or corrosion (for structural requirements refer to Element Category 3)	24 hrs	7 days	28 days	Night time inspections or automated logs	Instances of two or more lamps not working per high mast pole Identification of other defects	Nil Nil
9) FENCES, WALLS AND SOUND ABATEMENT									
	9.1	Design and location	Fences and walls act as designed and serve the purpose for which they were intended	24 hrs	28 days	6 months	Visual inspection	Inspection records showing compliance in each Performance Section	100%
	9.2	Construction - fences	Integrity and structural condition of the fence is maintained	24 hrs	28 days	6 months	Structural assessment if visual inspection warrants	Inspection records showing compliance in each Performance Section	100%
	9.3	Construction - walls	Integrity and structural condition of the walls are maintained	24 hrs	28 days	6 months	Structural assessment if visual inspection warrants	Inspection records showing compliance in each Performance Section	100%
	9.4	Operation	Fences, Walls, and Sound Abatement elements free of: <ul style="list-style-type: none"> • blocked weep holes • undesirable vegetation • defects in joint sealants • defects in pedestrian protection 	24 hrs	28 days	6 months	Structural assessment if visual inspection warrants	Inspection records showing compliance in each Performance Section	100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	9.4 cont.		<ul style="list-style-type: none"> • scour damage • corrosion of reinforcing bars • paint system failure • concrete spalling • impact damage 	24 hrs	28 days	6 months			
10) ROADSIDE MANAGEMENT									
	10.1	Vegetated areas – Except landscaped areas – General	Vegetation is maintained so that: (i) Height of grass and weeds is kept within the limits described for rural areas. Mowing begins before vegetation reaches the maximum height. (ii) Spot mowing at intersections, ramps or other areas maintains visibility of appurtenances and sight distance. (iii) Grass or vegetation does not encroach into or on paved shoulders, mainlanes, sidewalks, islands, riprap, traffic barrier or curbs. (iv) A herbicide program is undertaken in accordance with the TxDOT Herbicide Manual to control noxious weeds and to eliminate grass in pavement or concrete. (v) A full width mowing cycle is completed after the first frost (vi) Wildflowers are preserved utilizing the guidelines in the	24 hrs	7 days	28 days	a) Rural areas Physical measurement of height of grass and weeds b) Encroachment Visual inspection of instances of encroachment of vegetation c) Wildflowers Visual inspection with audit of process. d) Sight lines Visual inspection	Individual measurement areas to have 95% of height of grass and weeds between 5” and 30” Occurrences of vegetation encroachment in each Performance Section Adherence to vegetation management manuals Instances of impairment of sight lines or sight distance to signs	100% Nil 100% Nil

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Permanent Remedy	Cat 2 Permanent Repair			
	10.1 cont.		mowing specifications and TxDOT Roadside Vegetation Manual.	24 hrs	7 days	28 days			
	10.2	Landscaped areas	(i) All landscaped areas are maintained to their originally constructed condition. Landscaped areas are as designated in the Plans. (ii) Mowing, litter pickup, irrigation system maintenance and operation, plant maintenance, pruning, insect, disease and pest control, fertilization, mulching, bed maintenance, watering is undertaken as per MMP. (iii) The height of grass and weeds is kept between 2" and 8". Mowing begins before vegetation reaches 8". (iv) Damaged or dead vegetation is replaced.	24 hrs	7 days	28 days	Visual inspection	Inspection records showing compliance	100%
	10.3	Fire hazards	Fire hazards are controlled	24 hrs	7 days	28 days	Visual inspection	Instances of dry brush or vegetation forming fire hazard	Nil
	10.4	Trees, brush and ornamentals	(i) Trees, brush and ornamentals on the right of way, except in established no mow areas, are trimmed in accordance with TxDOT standards.	24 hrs	7 days	28 days	Visual inspection	Inspection records showing compliance	100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	10.4 cont.		(ii) Trees, brush and ornamentals are trimmed to insure they do not interfere with vehicles or sight distance, or inhibit the visibility of signs. (iii) Dead trees, brush, ornamentals and branches are removed. Potentially dangerous trees or limbs are removed. (iv) All undesirable trees and vegetation are removed. Diseased trees or limbs are treated or removed by licensed contractors.	24 hrs	7 days	28 days			
	10.5	Wetlands	Wetlands are managed in accordance with the permit requirements	24 hrs	7 days	28 days	Visual inspection, assessment of permit issuers	Instances of permit requirements not met	Nil
	10.6	Sidewalks and pedestrian curb ramps	Maintain at a standard to be free of defects as follows: (i) unsealed cracks or joints (ii) broken sections (iii) vertical displacement or misalignment	24 hrs	7 days	28 days	Visual inspection	Inspection records showing compliance with TxDOT Design Standards and Americans with Disabilities Act (ADA) requirements.	100%
11) REST AREAS AND PICNIC AREAS (Not Used)									
12) EARTHWORKS, EMBANKMENTS AND CUTTINGS									
	12.1	Slope failure	All structural or natural failures of the embankment and cut slopes of the Project are repaired	24 hrs	28 days	6 months	Visual inspection by geotechnical specialist and further tests as recommended by the specialist	Recorded instances of slope failure	Nil

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	12.2	Slopes - General	Slopes are maintained in general conformance to the original graded cross-sections, the replacement of landscaping materials, reseeding and re-vegetation for erosion control purposes and removal and disposal of all eroded materials from the roadway and shoulders	24 hrs	28 days	6 months	Visual inspection	Inspection records showing compliance	100%
	12.3	Slopes – Erosion	Slopes are maintained to prevent erosion leading to further deterioration	24 hrs	28 days	3 months	Visual inspection	Length of erosion greater than six inches (> 6") deep	Nil
	12.4	Slopes - Permanent Erosion Control Measures	Where permanent erosion control measures such as rock or concrete riprap are utilized: repair undermined or damaged erosion control measures	24 hrs	28 days	3 months	Visual inspection	Inspection records showing compliance	100%
13) ITS EQUIPMENT									
	13.1	ITS Equipment	All ITS equipment is fully functional and housing is functioning and free of defects. (i) All equipment and cabinet identification numbers are visible, sites are well drained and access is clear (ii) Steps, handrails and accesses are kept in a good condition (iii) Access to all communication hubs, ground boxes, cabinets	24 hrs	14 days	28 days	Visual inspection	Inspection records showing compliance with requirements for maintenance of ITS equipment in each Performance Section.	100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	13.1 cont.		<p>and sites is clear</p> <p>(iv) All drainage is operational and all external fixtures and fittings are in a satisfactory condition</p> <p>(v) All communication cable markers, cable joint markers and duct markers are visible and missing markers are replaced</p> <p>(vi) Backup power supply system is available at all times</p>	24 hrs	14 days	28 days			
	13.2	Dynamic message sign equipment	<p>Dynamic message signs are free from faults such as:</p> <p>(i) Any signal displaying a message which is deemed to be a safety hazard</p> <p>(ii) Failure of system to clear sign settings when appropriate.</p> <p>(iii) 2 or more contiguous sign failures that prevent control office setting strategic diversions</p> <p>(iv) Signs displaying an incorrect message.</p>	2 hrs	24 hrs	14 days	Defect measurement dependent on equipment	Inspection records showing compliance	100%
	13.3	CCTV equipment	CCTV Systems are free from faults that limit the availability of the operators to monitor the area network,	2 hrs	24 hrs	14 days	Defect measurement dependent on equipment	Inspection records showing compliance	100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	13.3 cont		such as: (i) Failure of CCTV Systems to provide control offices with access and control of CCTV images (ii) Failure of a CCTV camera or its video transmission system. (iii) Failure of a pan / tilt unit or its control system. (iv) Moisture ingress onto CCTV camera lens (v) Faults that result in significant degradation of CCTV images	2 hrs	24 hrs	14 days			
	13.4	Vehicle detection equipment	All equipment free of defects and operational problems such as; (i) Inoperable loops. (ii) Malfunctioning camera controllers.	2 hrs	24 hrs	28 days	Defect measurement dependent on equipment Traffic detector loops: Loop circuit's inductance to be > 50 and < 1,000 micro henries. Insulation resistance to be > 50 meg ohms.	Inspection records showing compliance Instances of loops out of compliance	100% Nil
14) TOLLING Facilities and Buildings (Not Used)									

**ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION**

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitiga- tion	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
15) AMENITY									
	15.1	Graffiti	Graffiti is removed in a manner and using materials that restore the surface to a like appearance similar to adjoining surfaces	4 hrs	7 days	N/A	All graffiti is considered a Category 1 defect.	Inspection records showing compliance	100%
	15.2	Animals	All dead or injured animals are removed	2 hrs	N/A	N/A	Visual inspection	No dead or injured animals are present	100%
	15.3	Abandoned vehicles and equipment	All abandoned vehicles and equipment are removed	1 hr	3 days	N/A	Visual inspection	No abandoned vehicles or equipment present	100%
16) SNOW AND ICE CONTROL									
	16.1	Travel lanes	Maintain travel way free from snow and ice	1 hr or 2 hrs as noted.	N/A	N/A	Maximum 1 hr response time to complete manning and loading of spreading vehicles Maximum 2 hrs from departure from loading point to complete treatment and return to loading point Maximum 1 hr response time for snow and ice clearance vehicles to depart from base	Inspection records showing compliance	100%
	16.2	Weather forecasting	Weather forecast information is obtained and assessed and appropriate precautionary treatment is carried out to prevent ice forming on the travel way	2 hrs	N/A	N/A	MMP details the process and procedures in place and followed	Inspection records showing compliance	100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitiga- tion	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
	16.3	Snow and ice control	Operate snow and ice clearance plans to maintain traffic flows during and after precipitation resulting in snowfall or ice and restore the travel way to a clear condition as soon as possible.	2 hrs	N/A	N/A	MMP details the process and procedures in place and followed	Inspection records showing compliance	100%
17) INCIDENT RESPONSE									
	17.1	General	Respond to Incidents in accordance with the MMP.	1 hr	N/A	N/A	Response times met for 98% of Incidents measured on a 1 year rolling basis. No complaints from Emergency Services.	Inspection records showing compliance	100%
	17.2	Hazardous Materials	For any Hazardous Materials spills, comply with the requirements of the MMP.	1 hr	N/A	N/A	MMP details the process and procedures in place and followed.	Inspection records showing compliance	100%
	17.3	Structural assessment	Evaluate structural damage to structures and liaise with Emergency Services to ensure safe working in clearing the Incident	1 hr	N/A	N/A	Inspections and surveys as required by Incident	Inspection reports showing compliance	100%
	17.4	Temporary and permanent remedy	Propose and implement temporary measures and permanent remedies or repairs to Defects arising from the Incident. Ensure the structural safety of any structures affected by the Incident	24 hrs	28 days	N/A	Review and inspection of the Incident site	Performance Section inspection records showing compliance	100%

ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Perma- nent Remedy	Cat 2 Perma- nent Repair			
18) CUSTOMER RESPONSE									
	18.1	Response to inquiries	Timely and effective response to customer inquiries and complaints.	48 hrs	14 days	N/A	Contact the customer within 48 hours following initial customer inquiry. All work resulting from customer requests is scheduled within 48 hours of customer contact. Follow-up contact with the customer within 72 hours of initial inquiry. All customer concerns/requests are resolved to TxDOT's satisfaction within 2 weeks of the initial inquiry.	Number of responses within specified times	100%
	18.2	Customer contact line	Telephone line manned during business hours and 24 hour availability of messaging system. Faults to telephone line or message system rectified	24 hrs	N/A	N/A	Instances of line out of action or unmanned	Operations records showing non availability including complaints from public.	Nil
19) SWEEPING AND CLEANING									
	19.1	Obstructions and debris	Roadway and clear zone free from obstructions and debris including at a minimum objects, luminaire poles, and tires.	2 hrs	N/A	N/A	Visual Inspection	Number of obstructions and debris	Nil

**ATTACHMENT 19-1
PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION**

ELEMENT CATEGORY	REF	ELEMENT	PERFORMANCE REQUIREMENT	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	MEASUREMENT RECORD	TARGET
				Cat 1 Hazard Mitigation	Cat 1 Permanent Remedy	Cat 2 Permanent Repair			
	19.2	Sweeping	(i) Keep all channels, hard shoulders, gore areas, ramps, intersections, islands and frontage roads swept clean, (ii) Clear and remove debris from traffic lanes, hard shoulders, verges and central reservations, footways and cycle ways (iii) Remove all sweepings without stockpiling in the right of way and dispose of at approved tip.	24 hrs	3 days	N/A	Buildup of dirt, ice rock, debris, etc. on roadways and bridges not to accumulate greater than 24" wide or 1/2" deep	Inspection records showing compliance	100%
	19.3	Litter	(i) Keep the Project in a neat condition, remove litter regularly (ii) Pick up large litter items before mowing operations. (iii) Dispose of all litter and debris collected at an approved solid waste site.	24 hrs	3 days	N/A	No more than 20 pieces of litter per roadside mile shall be visible when traveling at highway speed.	Inspection records showing compliance	100%

NOTES FOR PERFORMANCE AND MEASUREMENT TABLE DURING CONSTRUCTION

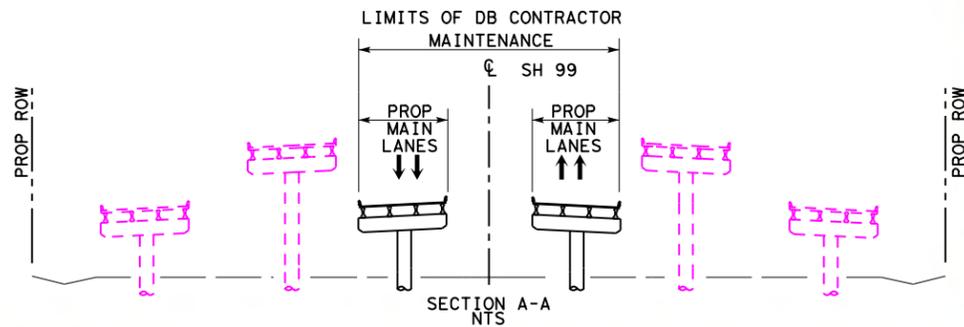
- ¹ "Cat 1 Hazard Mitigation" shall be an action taken by DB Contractor to mitigate a hazard to Users or imminent risk of damage or deterioration to property or the environment.
² "Cat 1 Permanent Remedy" shall be an action taken by DB Contractor to restore the condition of an Element following "Cat 1 Hazard Mitigation" of a Category 1 Defect: (a) to the standard required for new construction; or (b) to a condition such that the Target is achieved for each "Measurement Record".
³ "Cat 2 Permanent Repair" shall be an action taken by DB Contractor to restore the condition of an Element for which a Category 2 Defect has been recorded: (a) to the standard required for new construction; or (b) to a condition such that the Target is achieved for each "Measurement Record".

TEXAS DEPARTMENT OF TRANSPORTATION
TECHNICAL PROVISIONS
FOR
SH 99 GRAND PARKWAY SEGMENTS H, I-1 AND I-2

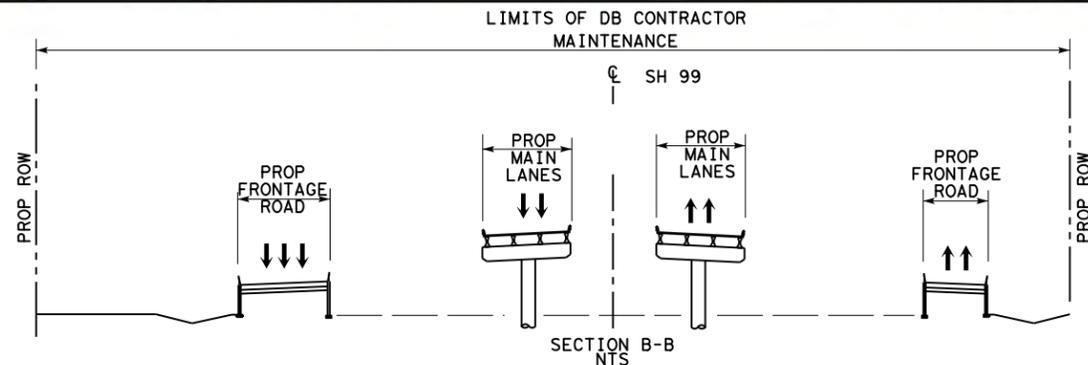
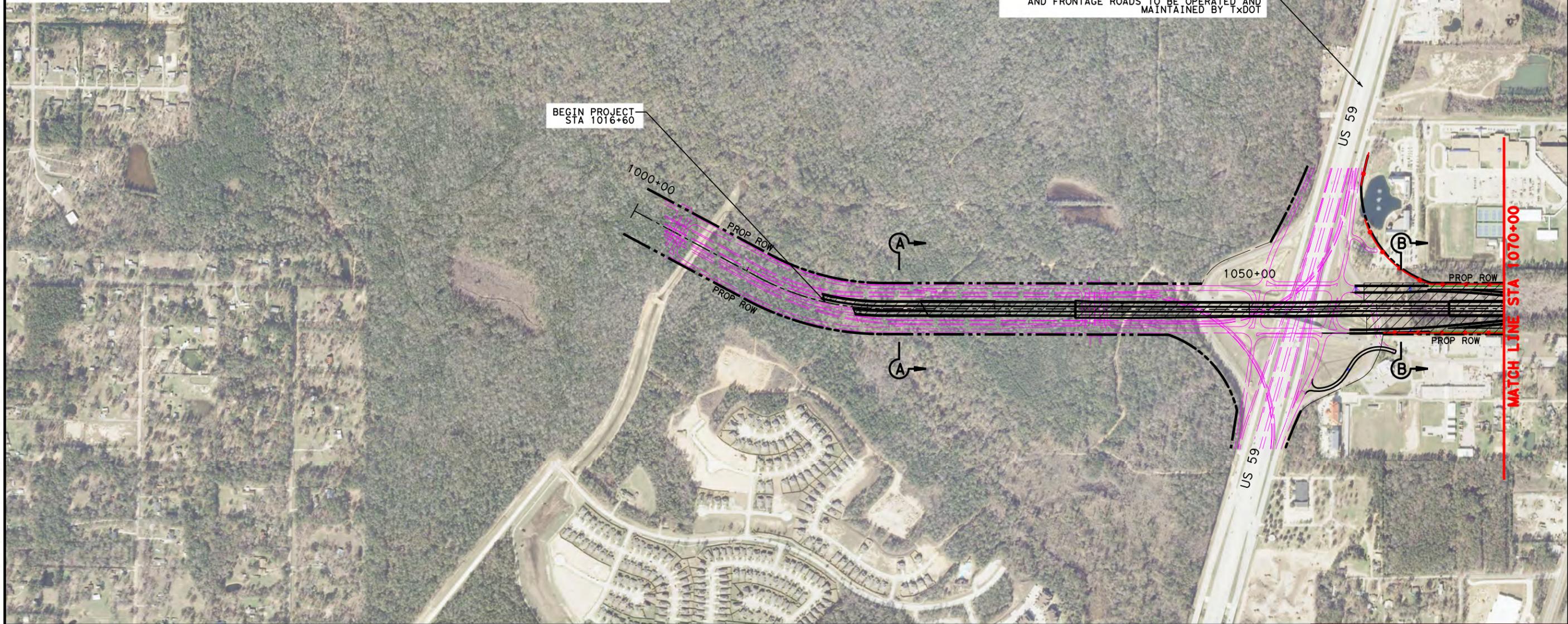
ATTACHMENT 19-2
O&M LIMITS

ADDENDUM #3

SEPTEMBER 18, 2015



NOTE: I-69/ US 59 GENERAL PURPOSE LANES AND FRONTAGE ROADS TO BE OPERATED AND MAINTAINED BY TxDOT



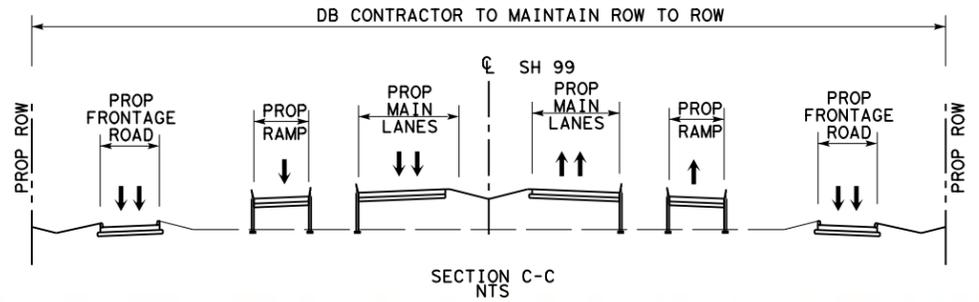
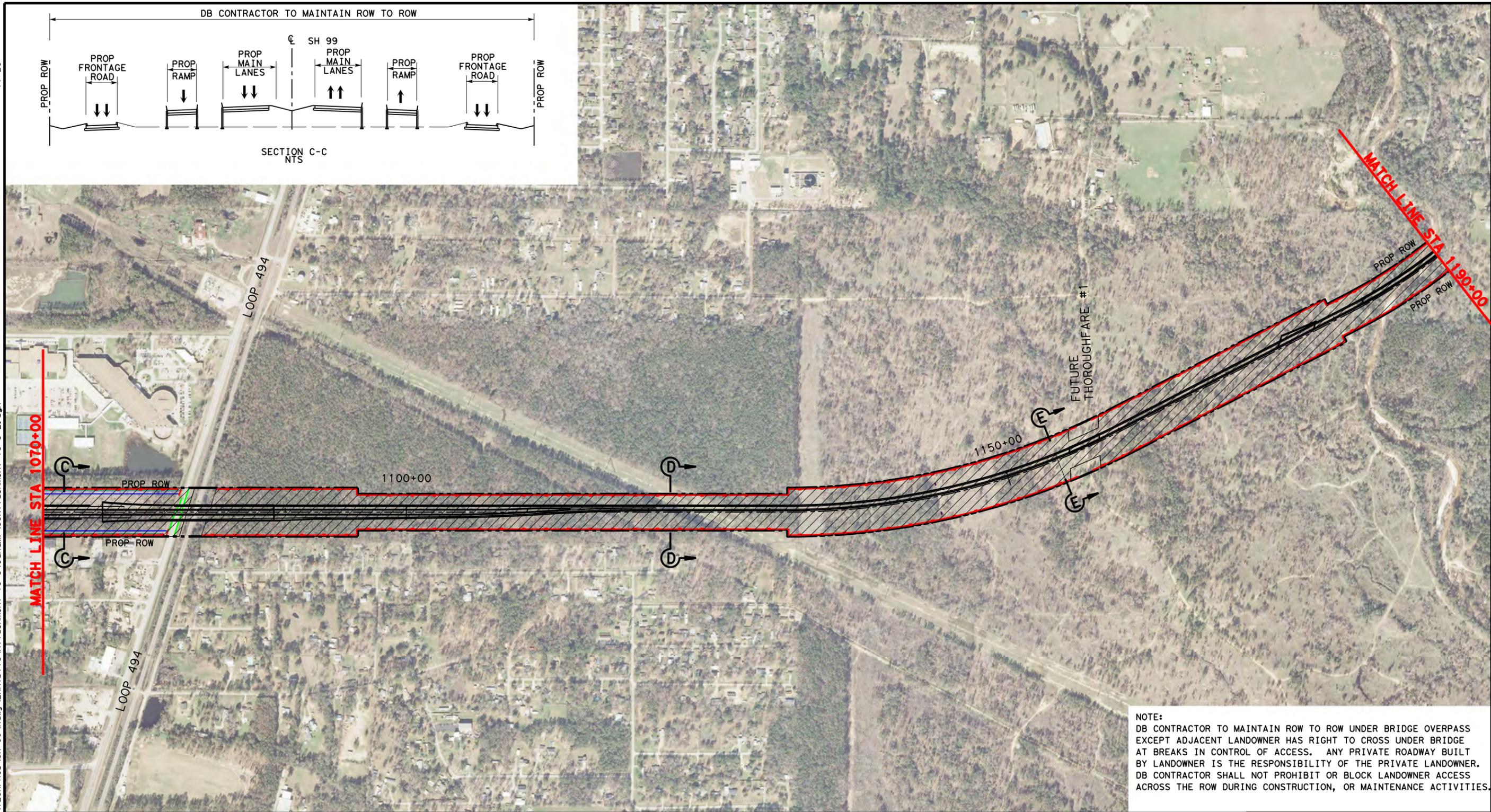
- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
O & M LIMITS, H & I-1**



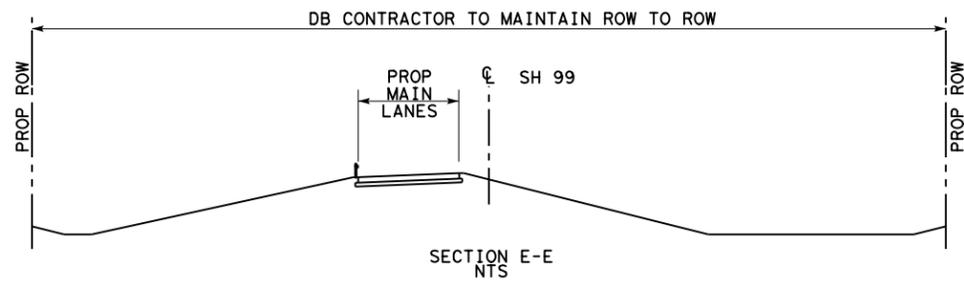
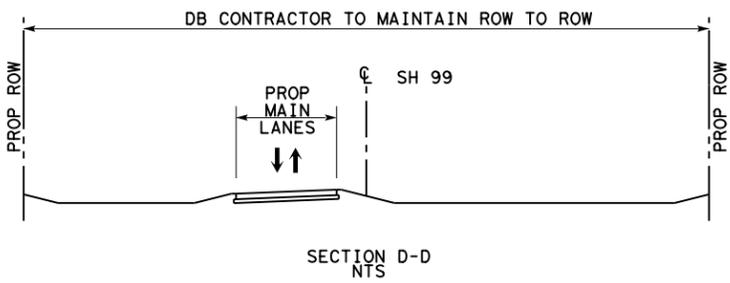
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CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				
			JOB NO.:	SHEET NO.:
				1



MATCH LINE STA 1070+00

MATCH LINE STA 1190+00

NOTE:
 DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.

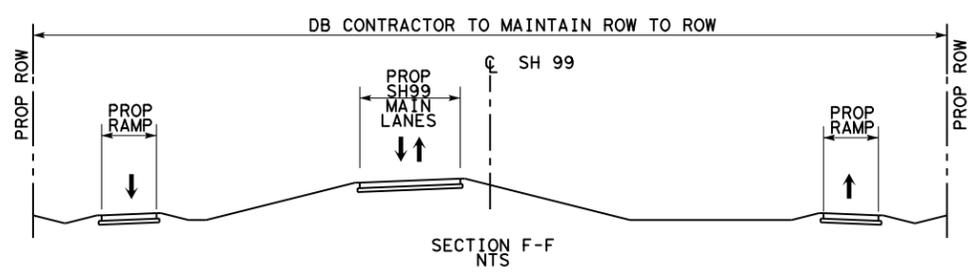
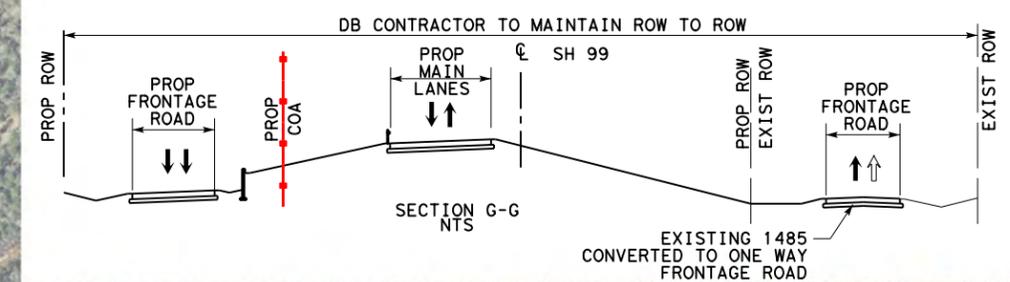
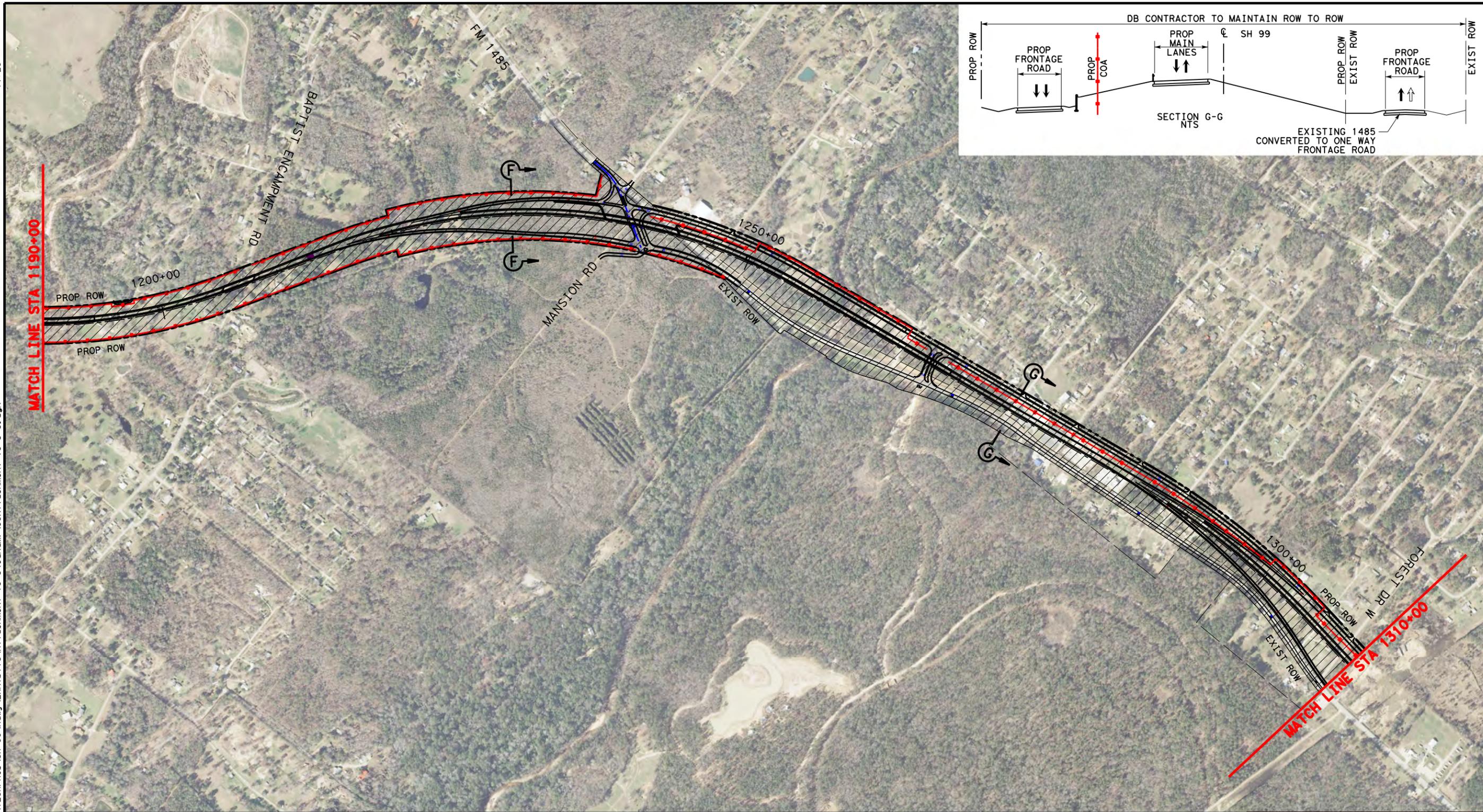


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.:	STATE:	PROJECT NO.:	HIGHWAY NO.:
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				
				JOB NO.:
				SHEET NO.:
				2



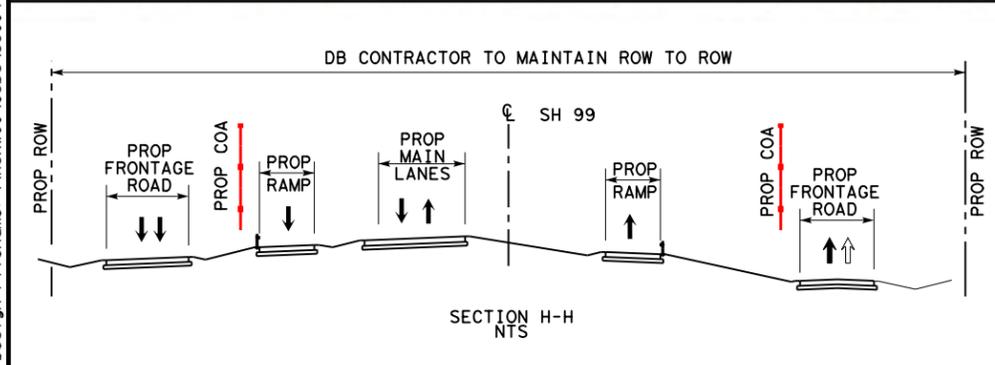
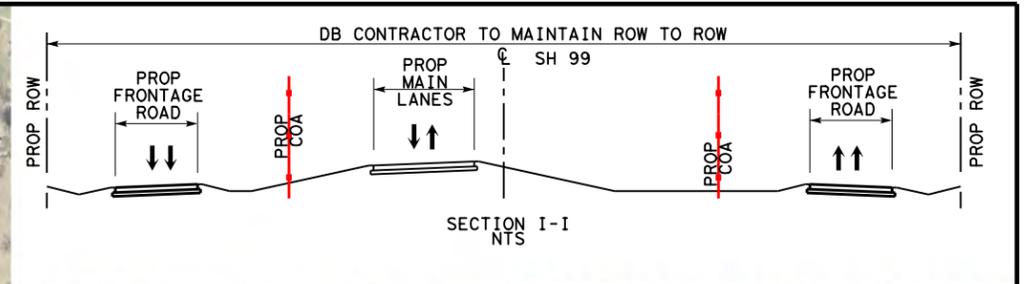
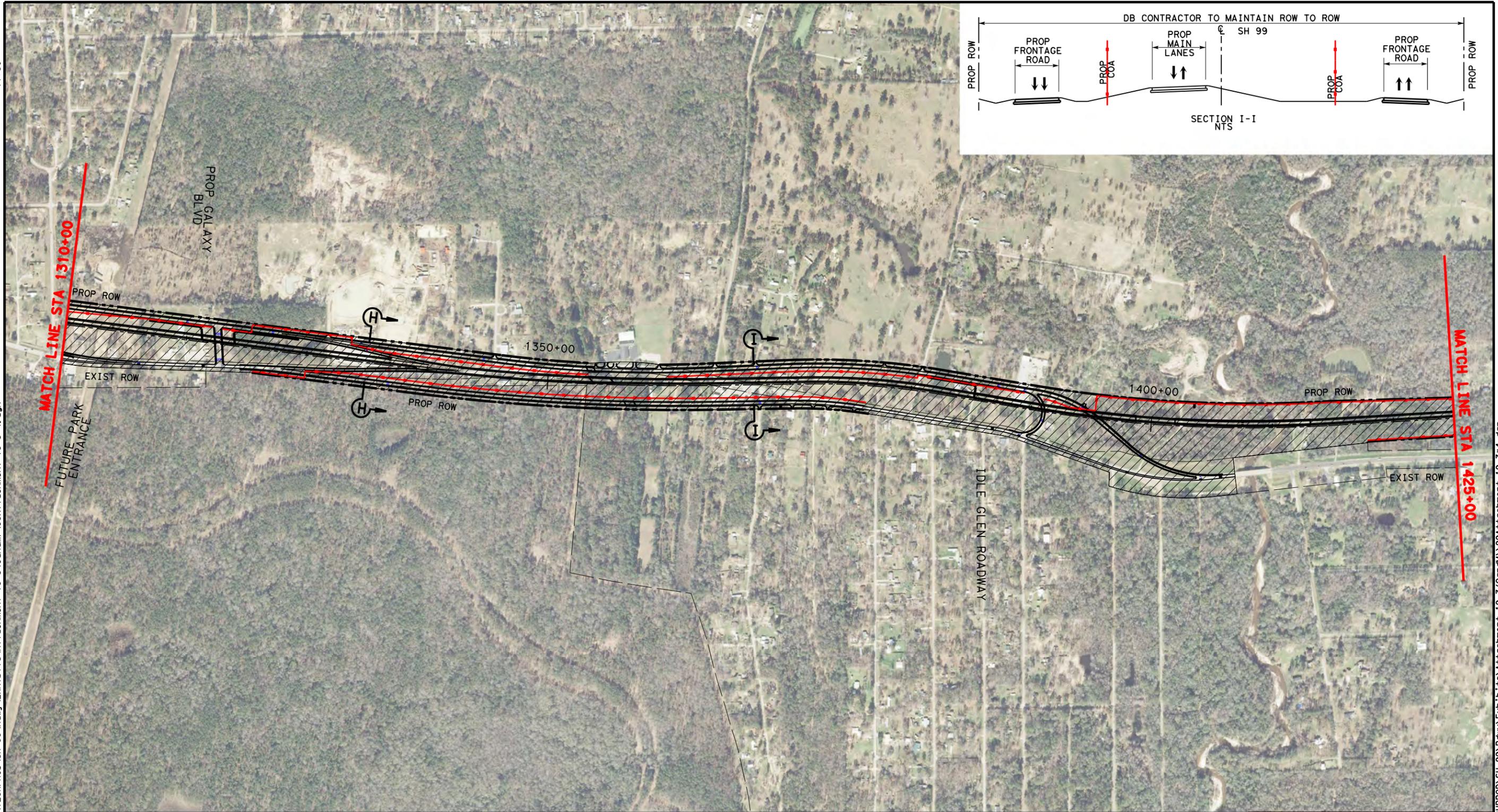
- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**



DSN:	FED. RD. DIV. NO. 6	STATE TEXAS	PROJECT NO.	HIGHWAY NO. SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	JOB NO.
CK:			SECTION NO.	SHEET NO. 3



LEGEND

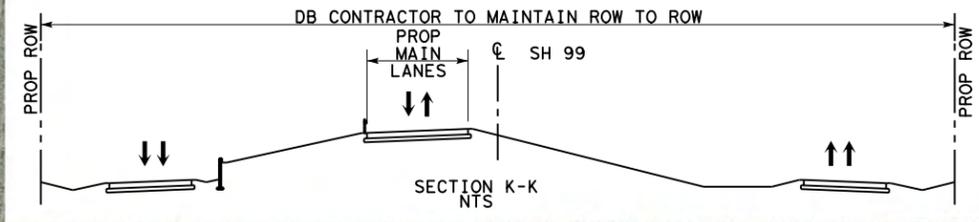
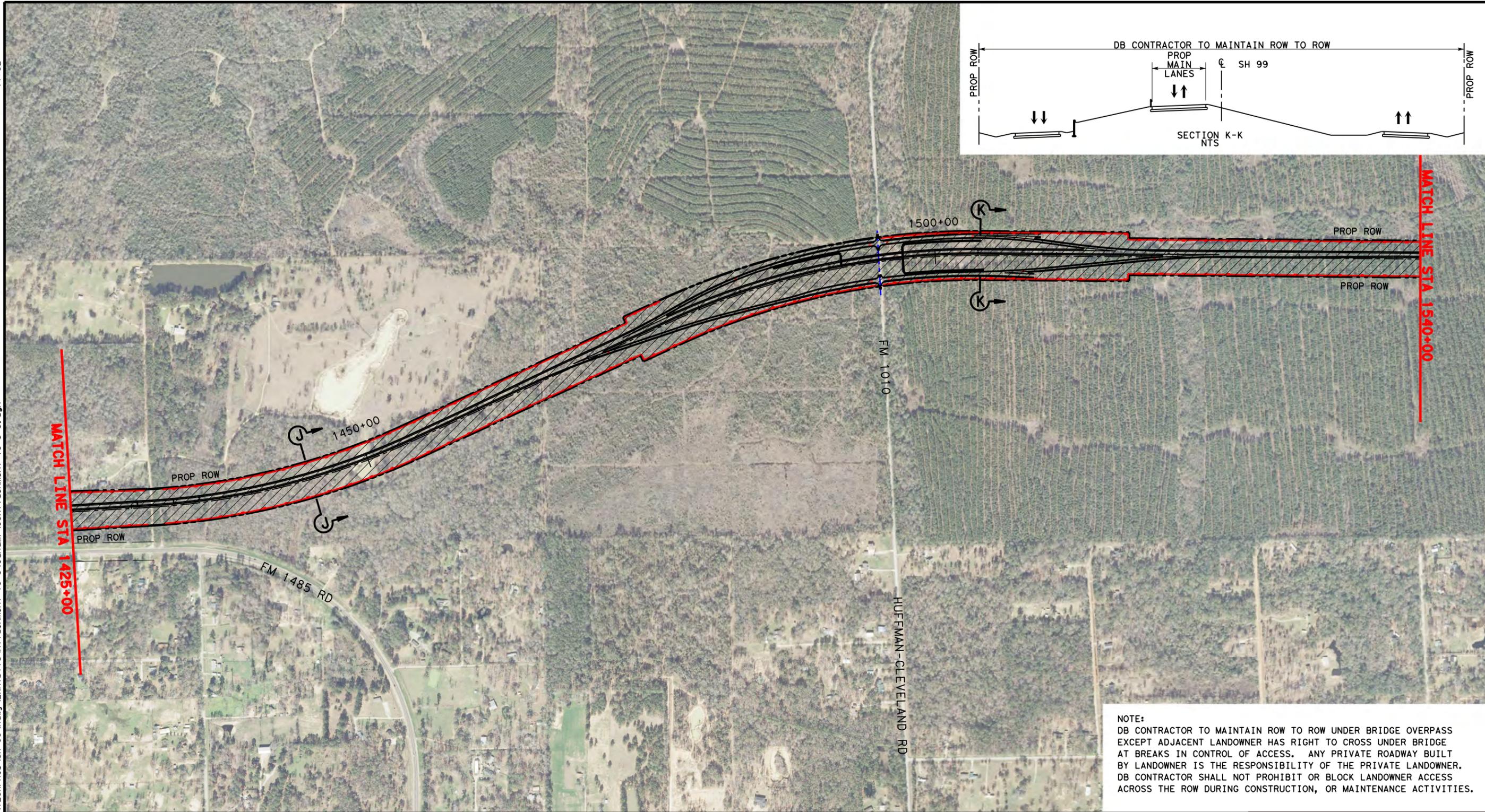
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- PROPOSED GRAND PARKWAY
- PROP ROW
- PROP CONTROL OF ACCESS
- EXISTING ROW
- PROPERTY LINE
- PROPOSED GRAND PARKWAY BY OTHERS



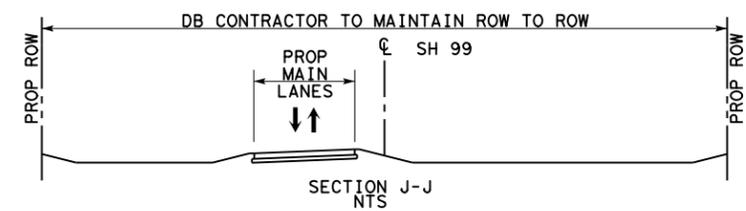
**ATTACHMENT 19-2
O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
				4





NOTE:
 DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.

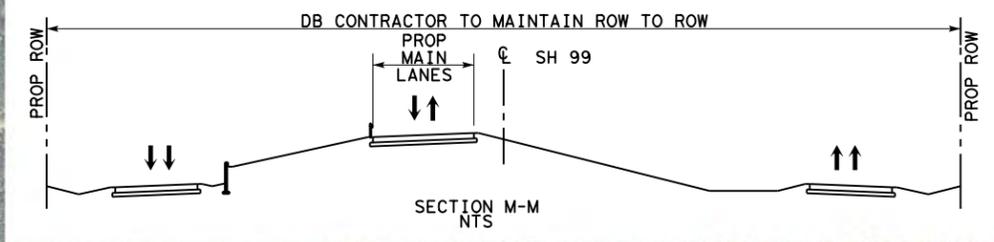
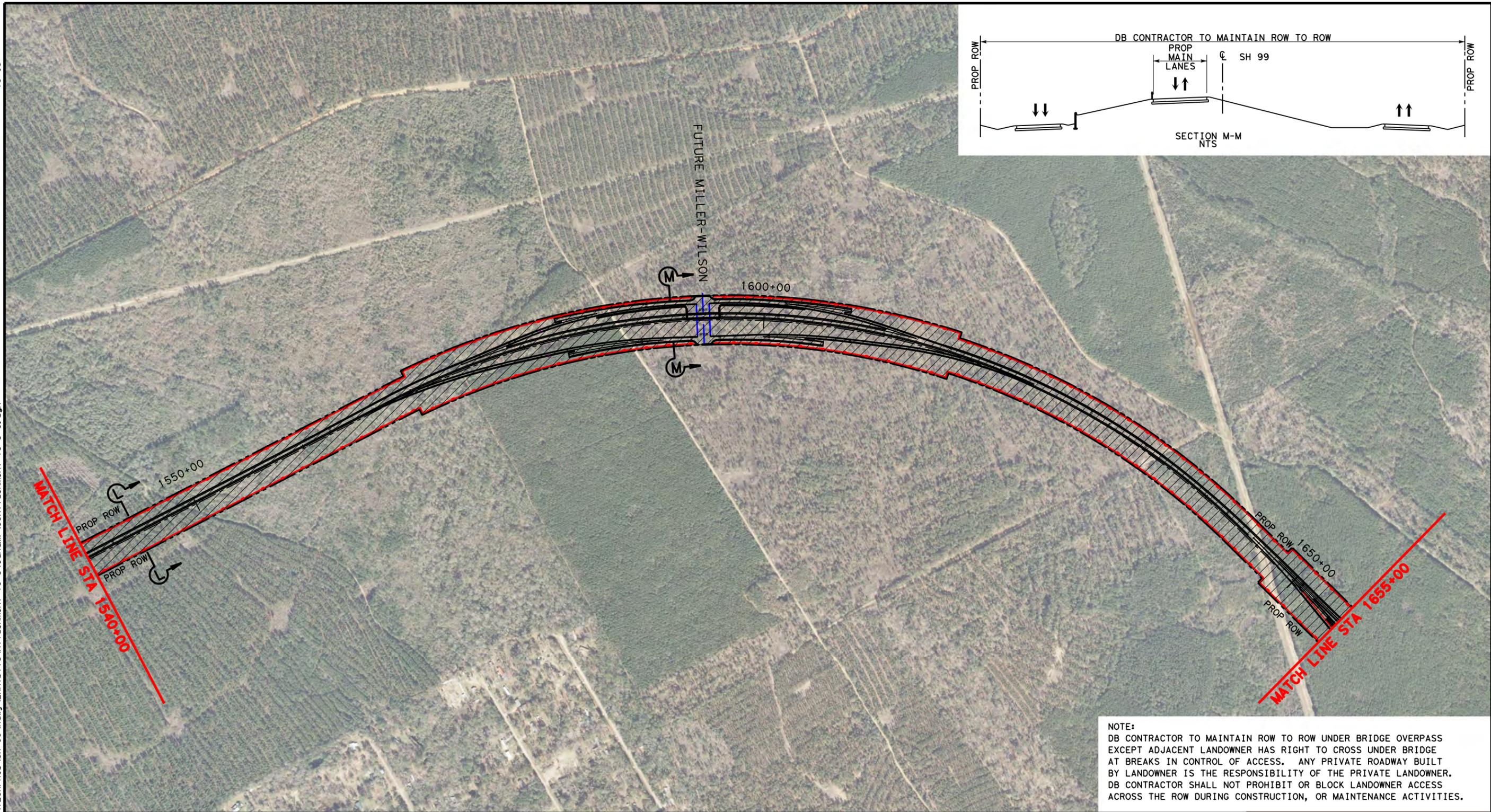


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

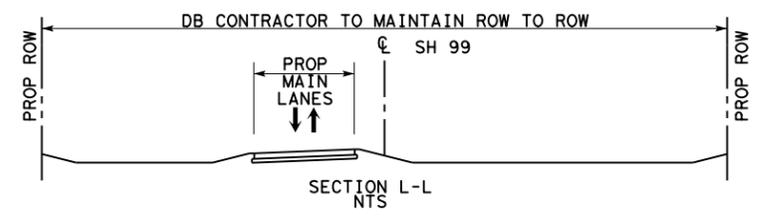


**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.:	STATE:	PROJECT NO.:	HIGHWAY NO.:
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				
			JOB NO.:	SHEET NO.:
				5



NOTE:
 DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.

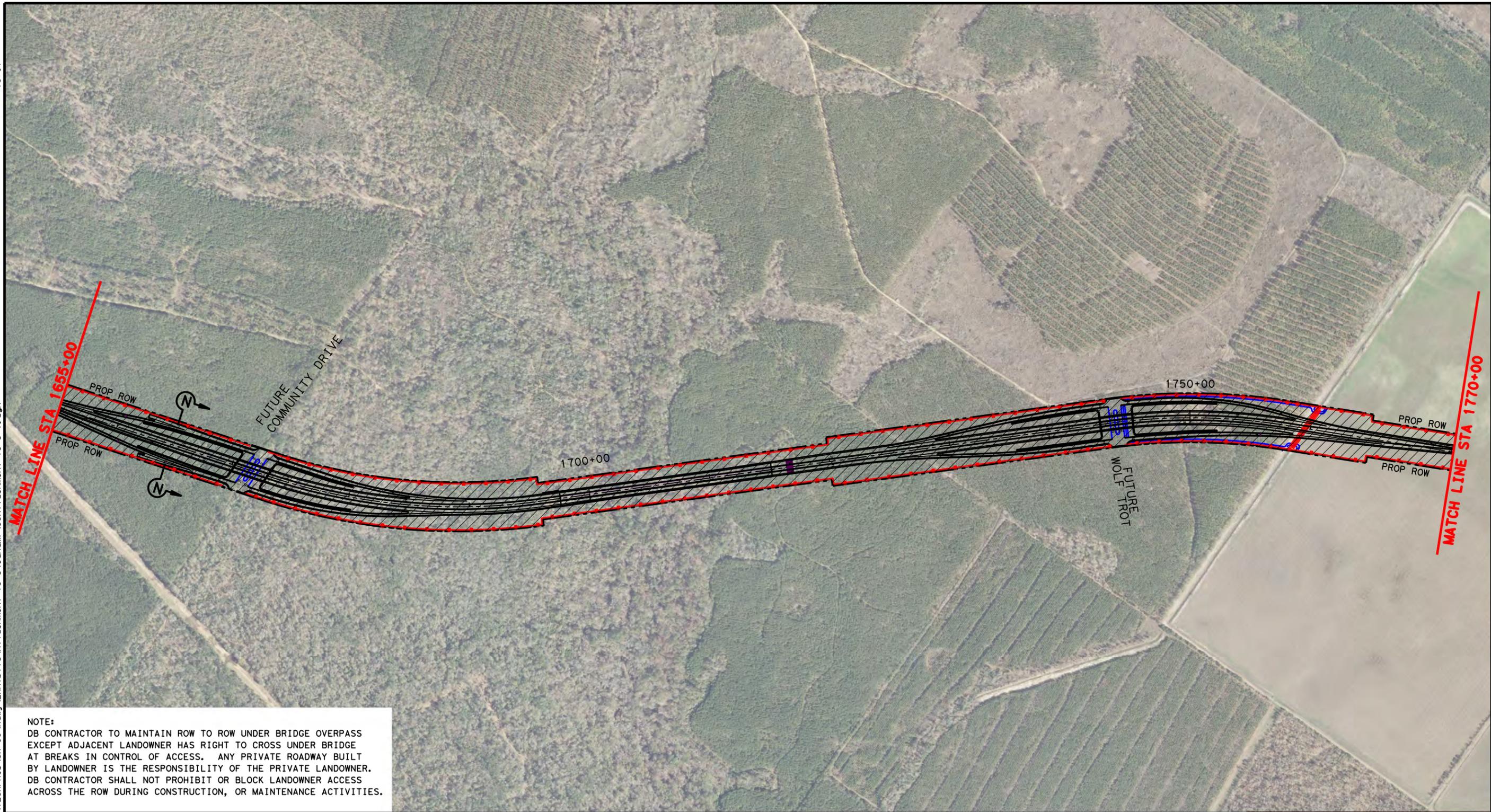


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

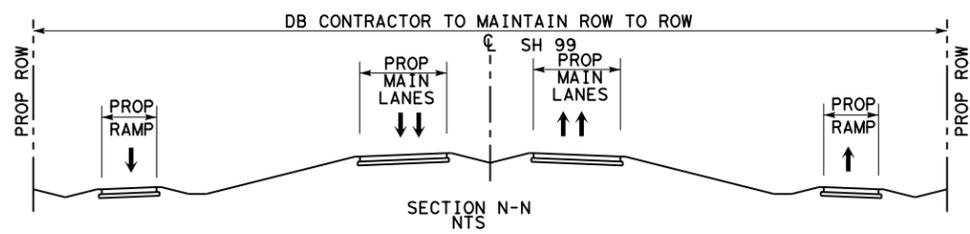


**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				
				JOB NO.
				SHEET NO.
				6



NOTE:
 DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.



LEGEND

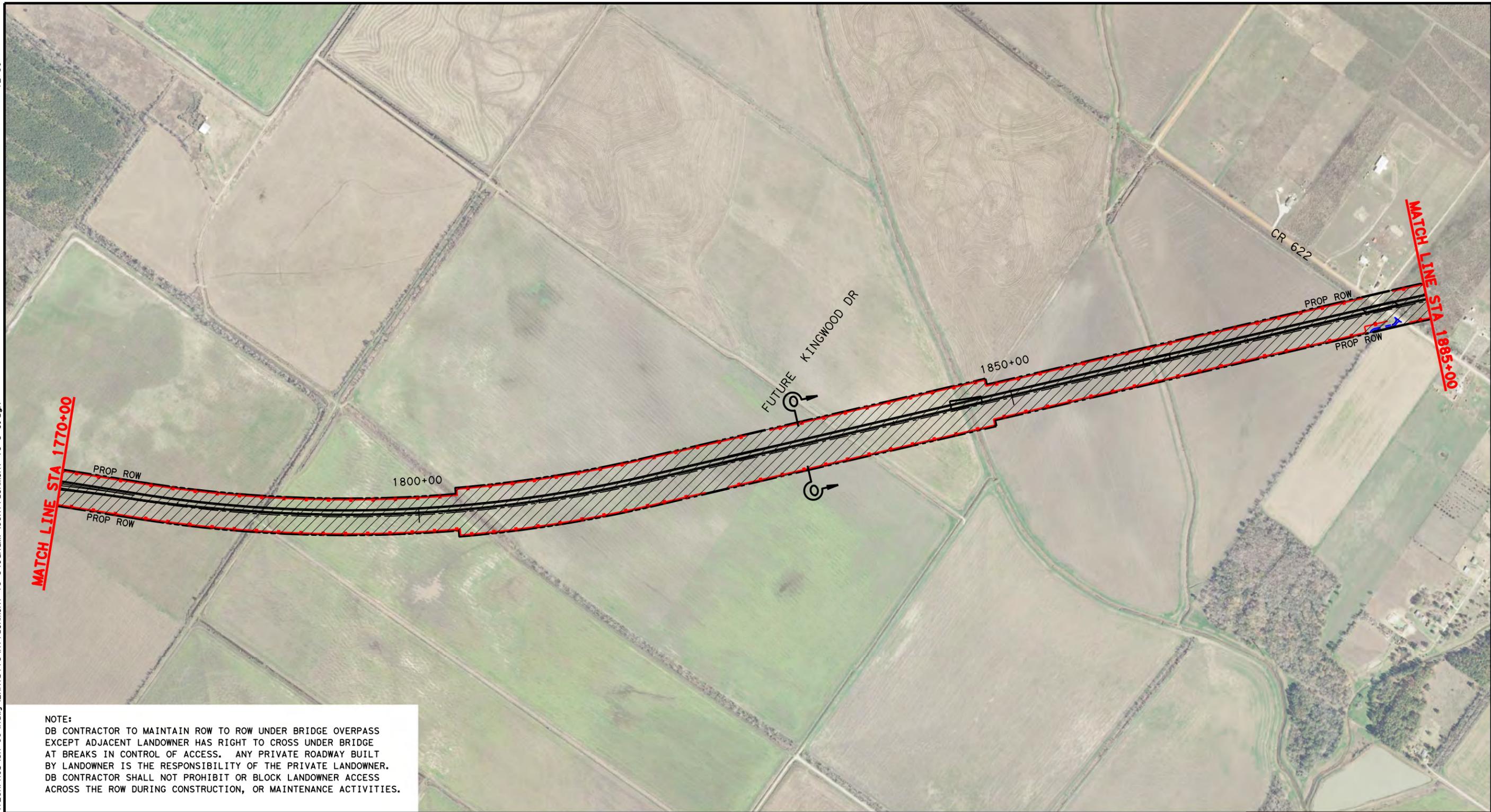
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
- PROPOSED GRAND PARKWAY
- PROP ROW
- PROP CONTROL OF ACCESS
- EXISTING ROW
- PROPERTY LINE
- PROPOSED GRAND PARKWAY BY OTHERS



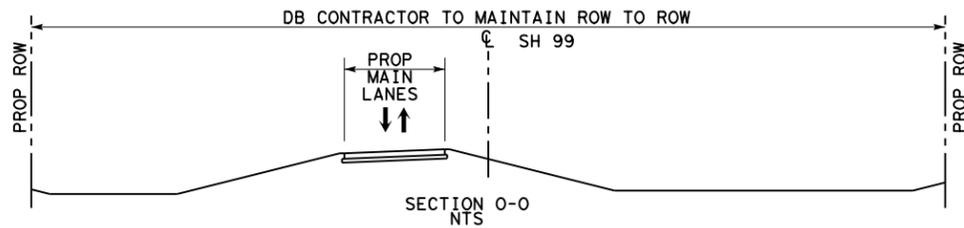
**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**



DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
				7



NOTE:
 DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.



LEGEND

- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
- PROPOSED GRAND PARKWAY
- PROP ROW
- PROP CONTROL OF ACCESS
- EXISTING ROW
- PROPERTY LINE
- PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

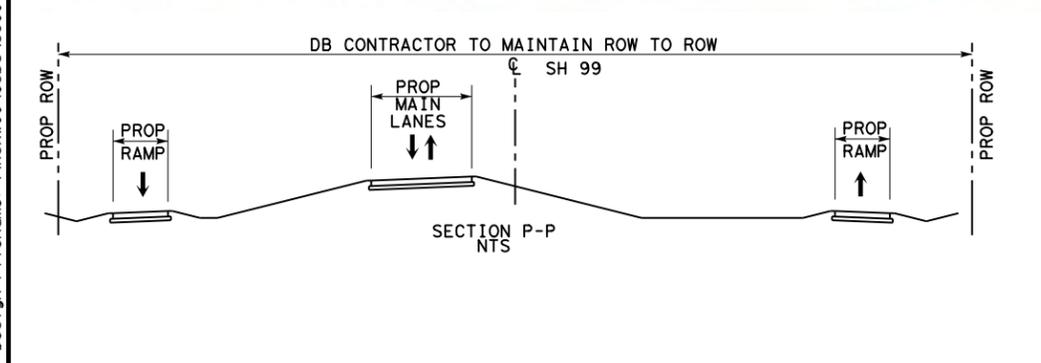
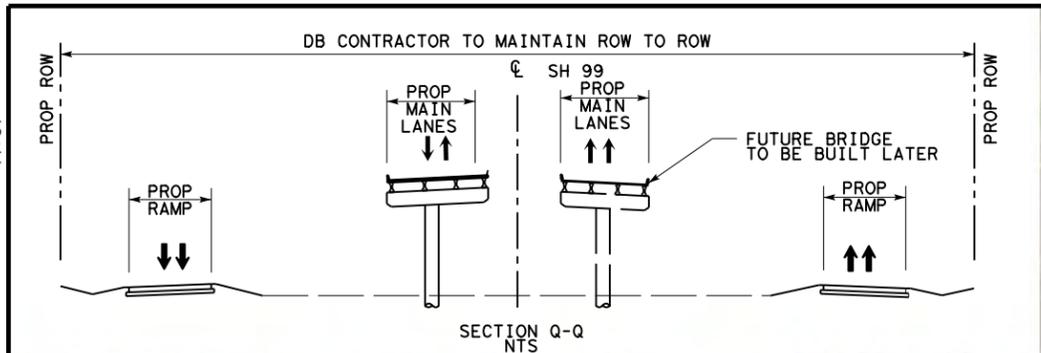


DSN:	FED. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO.
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- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

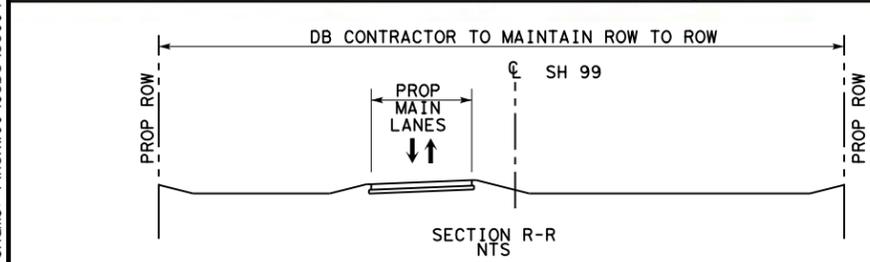
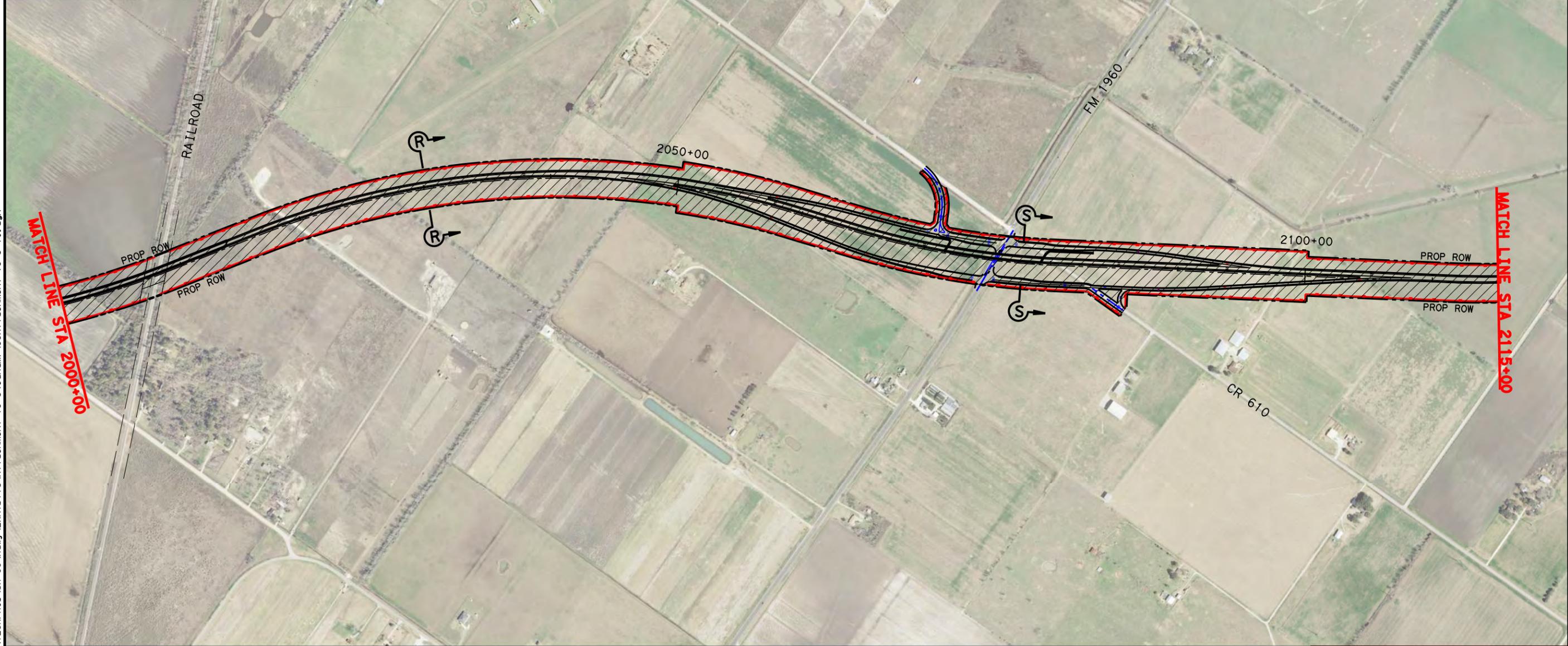
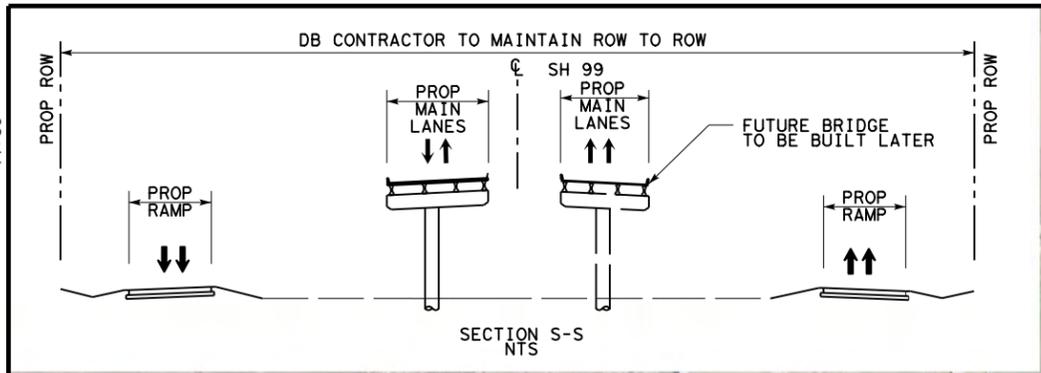
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CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO.
				SHEET NO.
				9

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- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**



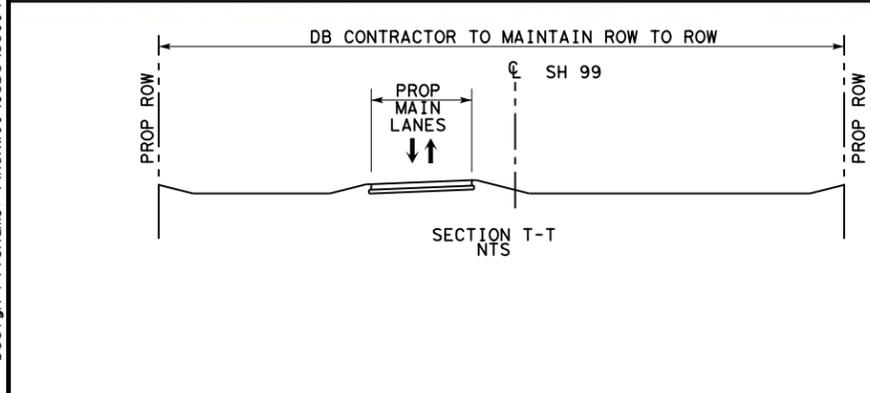
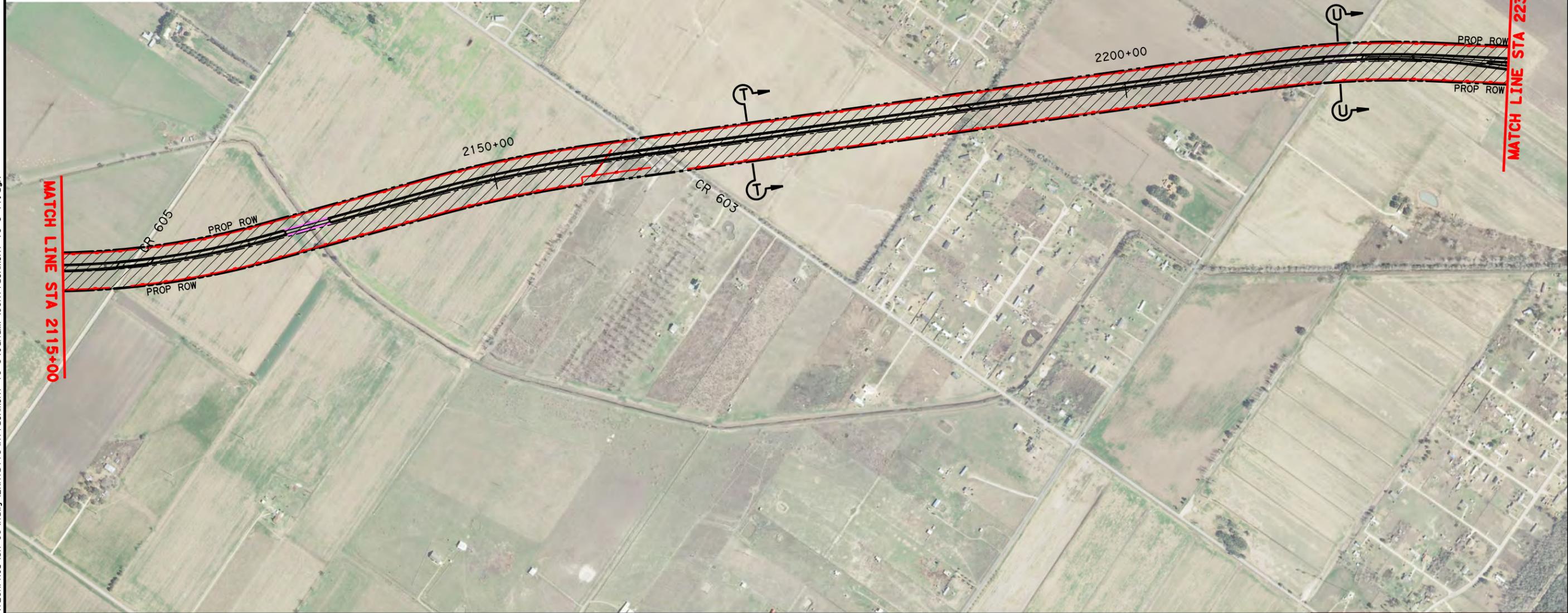
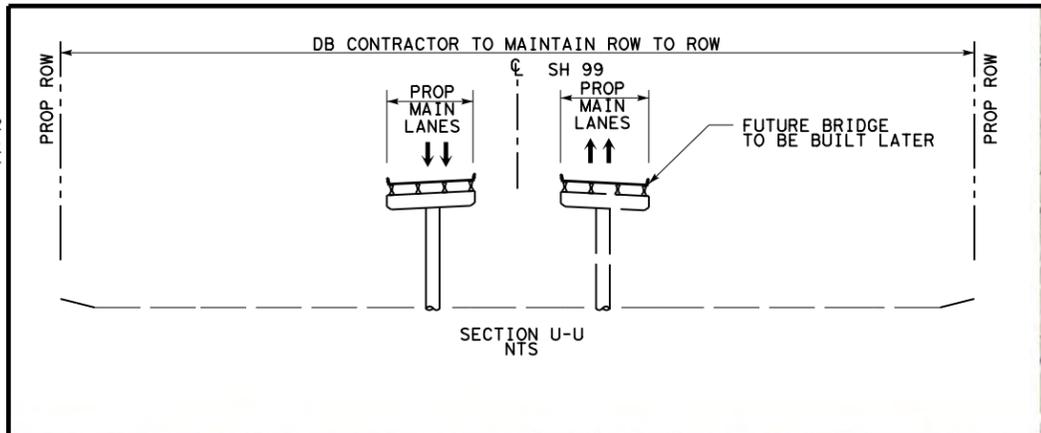
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CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
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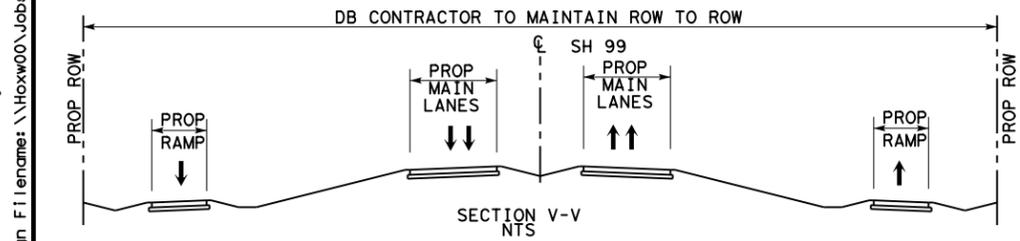
- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.:	STATE:	PROJECT NO.:	HIGHWAY NO.:
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				
				JOB NO.:
				SHEET NO.:
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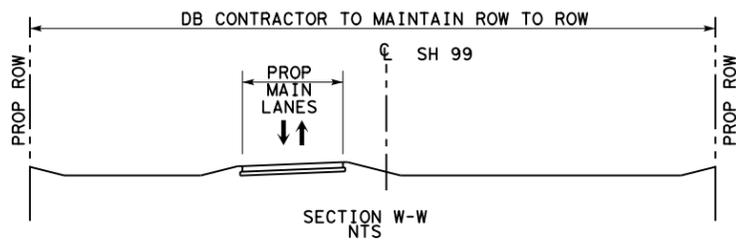


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO.
				SHEET NO.
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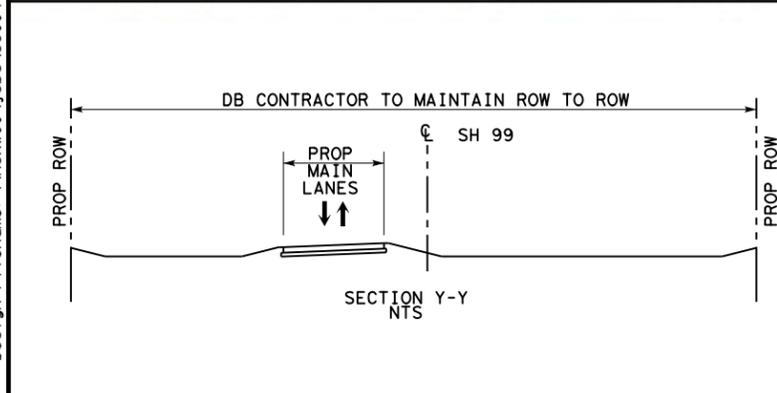
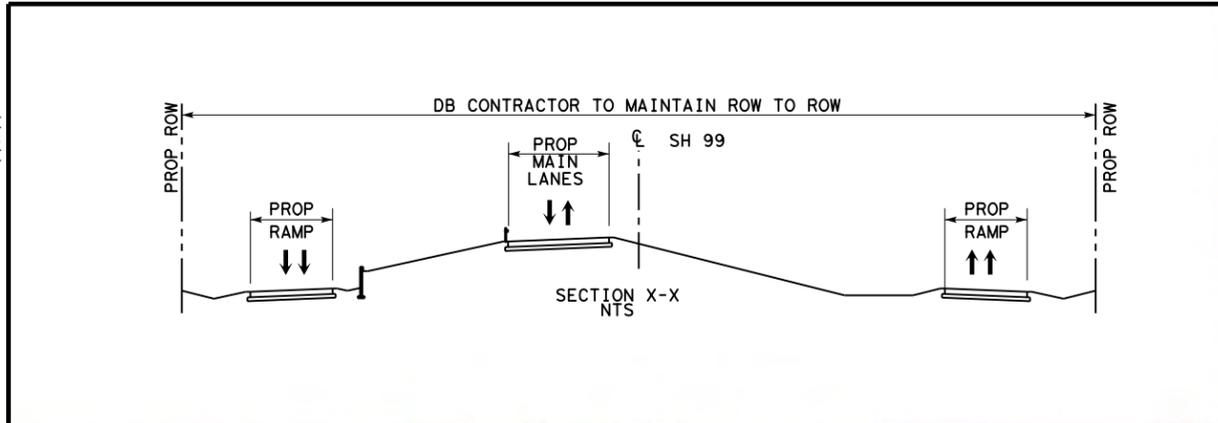


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO. 13

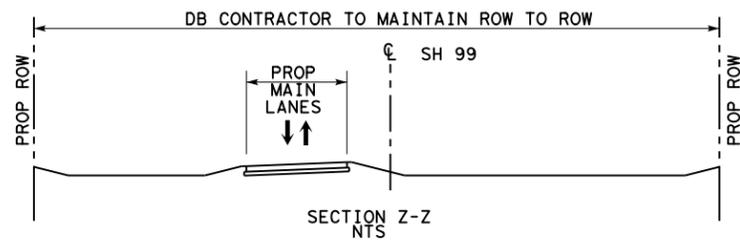


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

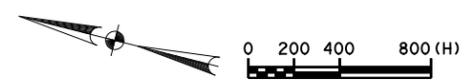


**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

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DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
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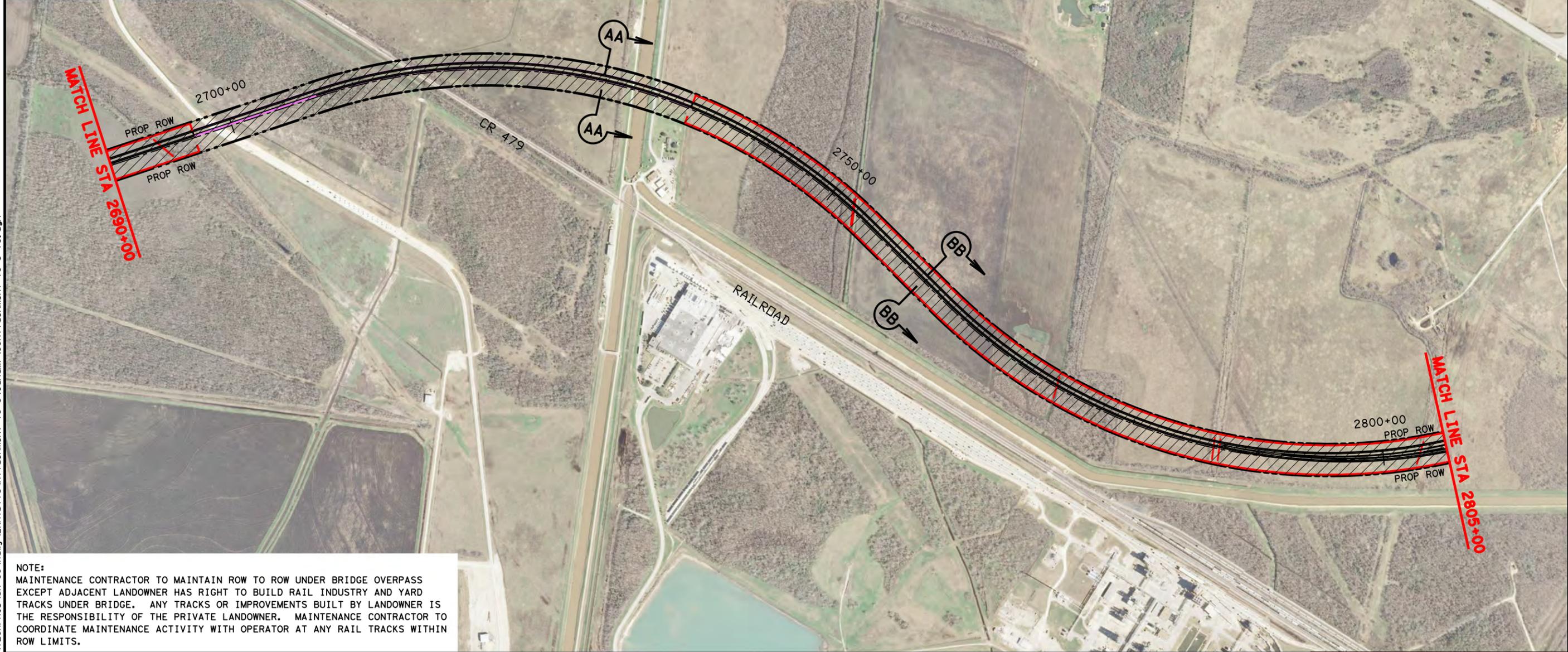
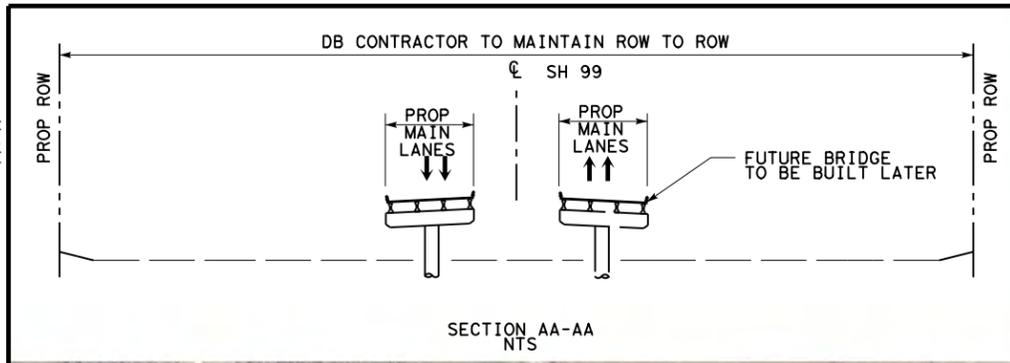


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

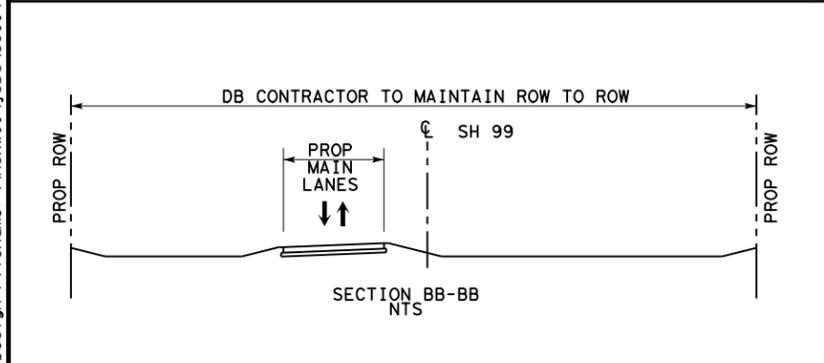


**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

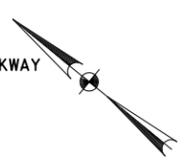
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DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:			JOB NO.	SHEET NO. 15



NOTE:
 MAINTENANCE CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO BUILD RAIL INDUSTRY AND YARD TRACKS UNDER BRIDGE. ANY TRACKS OR IMPROVEMENTS BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. MAINTENANCE CONTRACTOR TO COORDINATE MAINTENANCE ACTIVITY WITH OPERATOR AT ANY RAIL TRACKS WITHIN ROW LIMITS.



- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

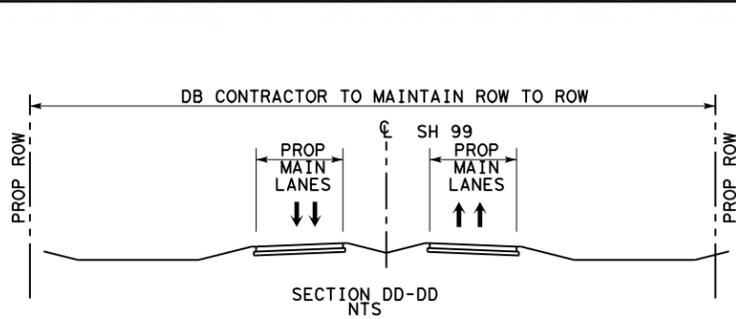
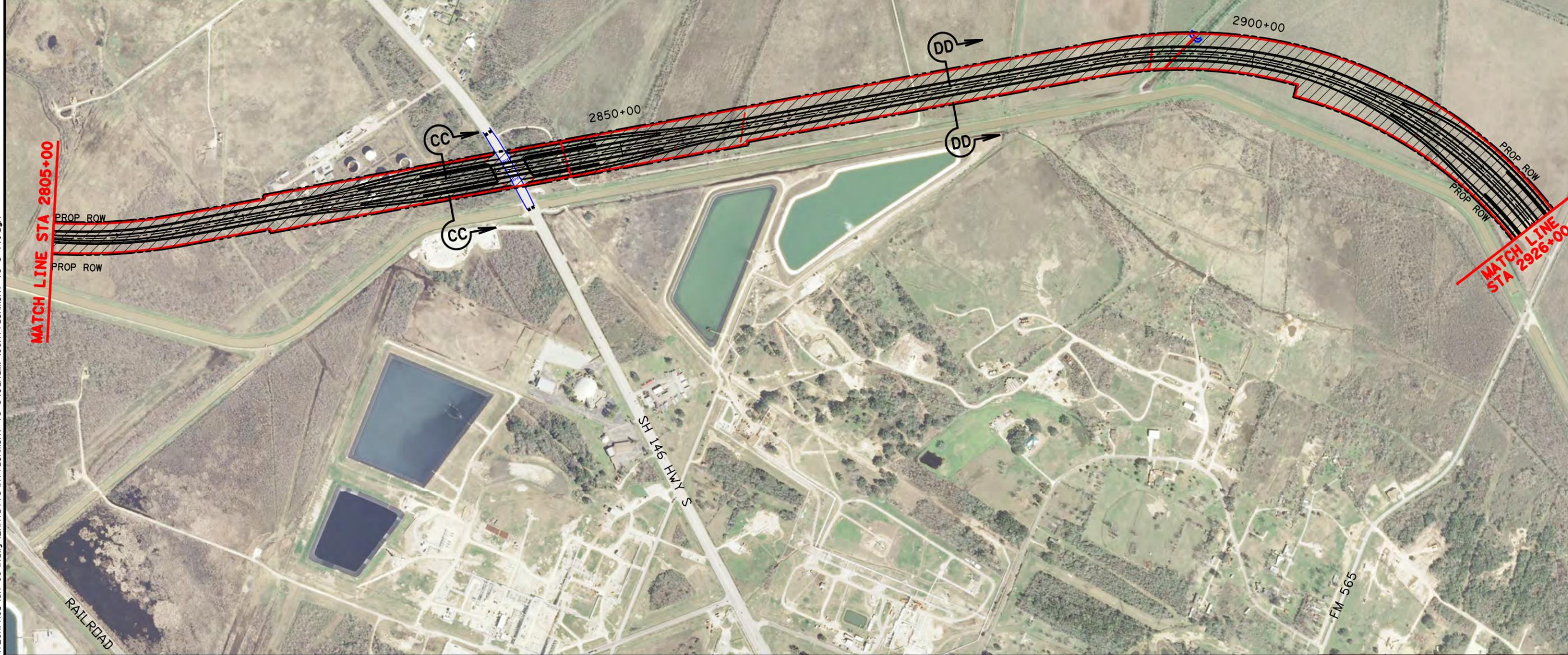
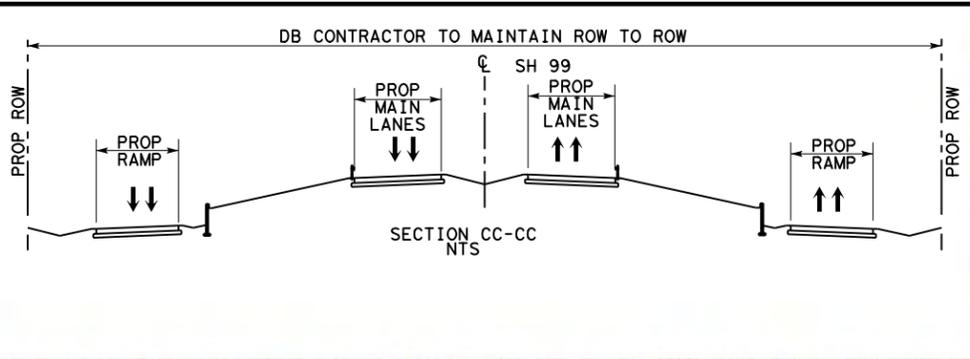


**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. DIV. NO.:	STATE:	PROJECT NO.:	HIGHWAY NO.:
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				
				JOB NO.:
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				16

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- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



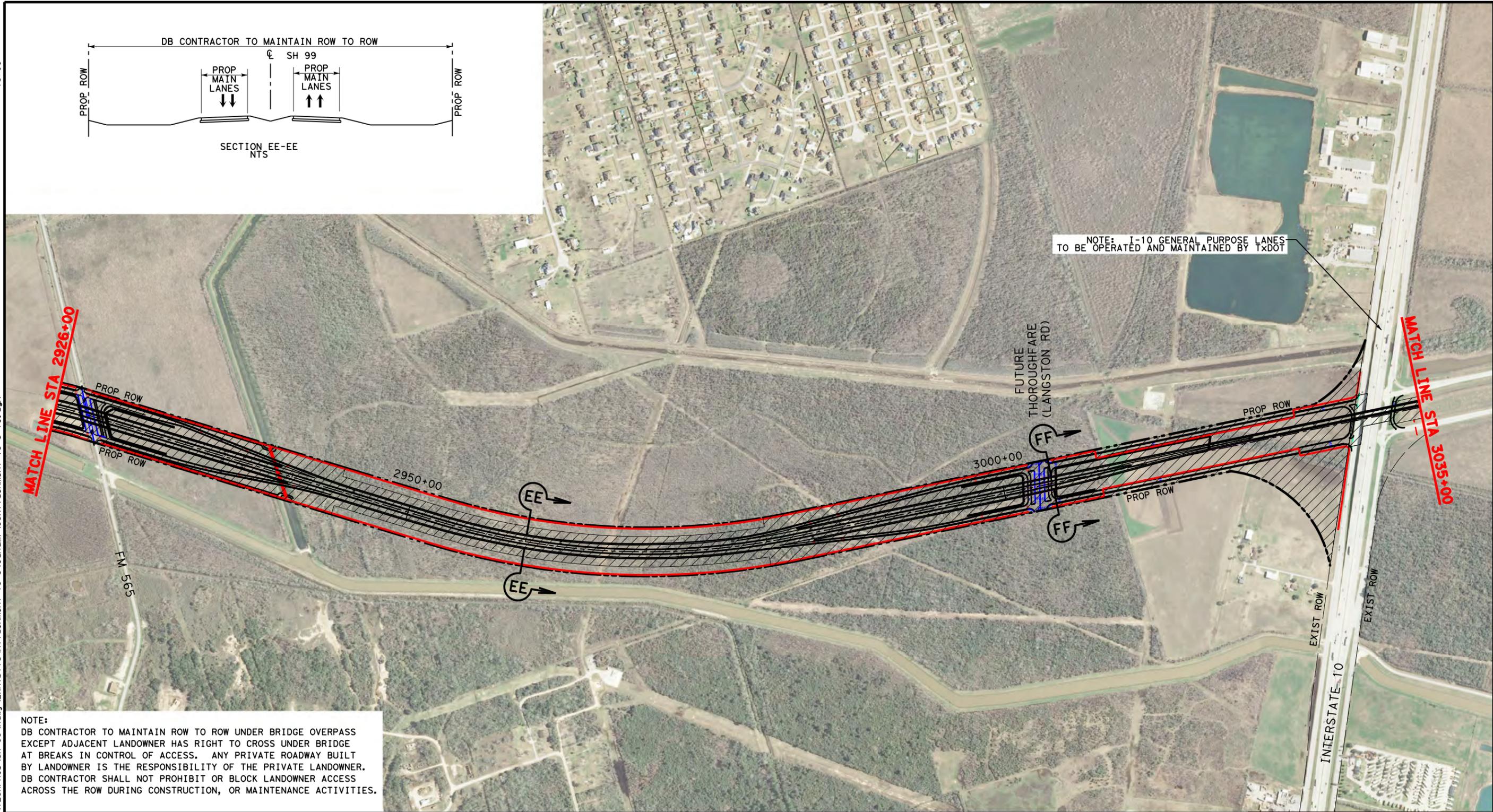
**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

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DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
				17

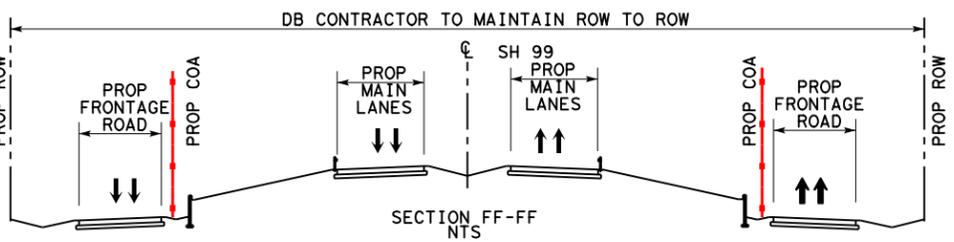
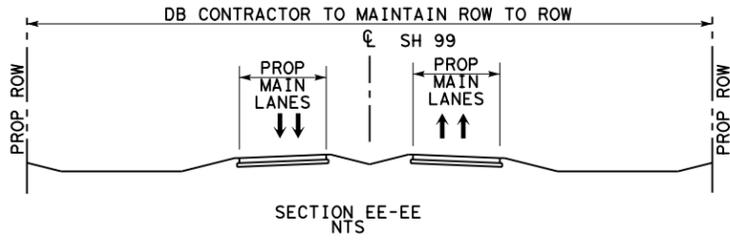


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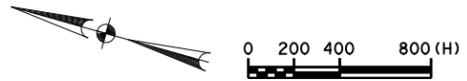
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NOTE:
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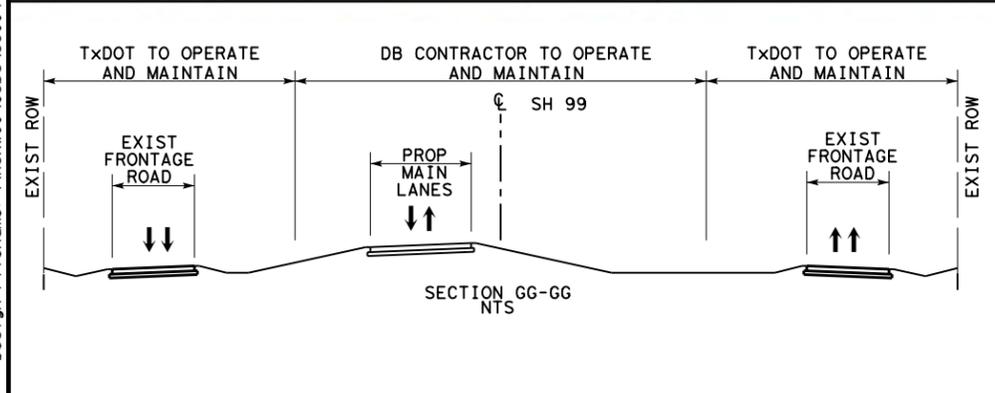
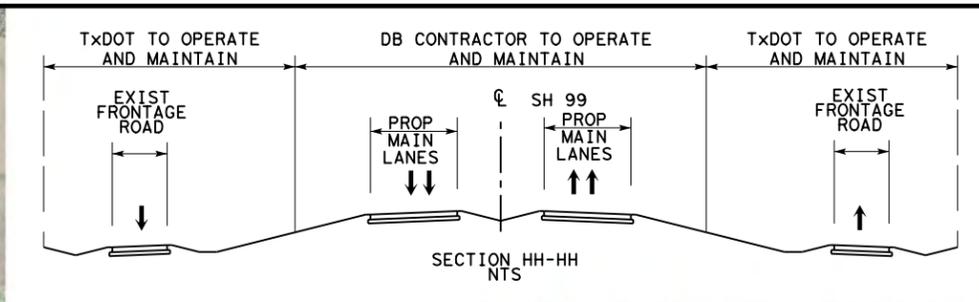
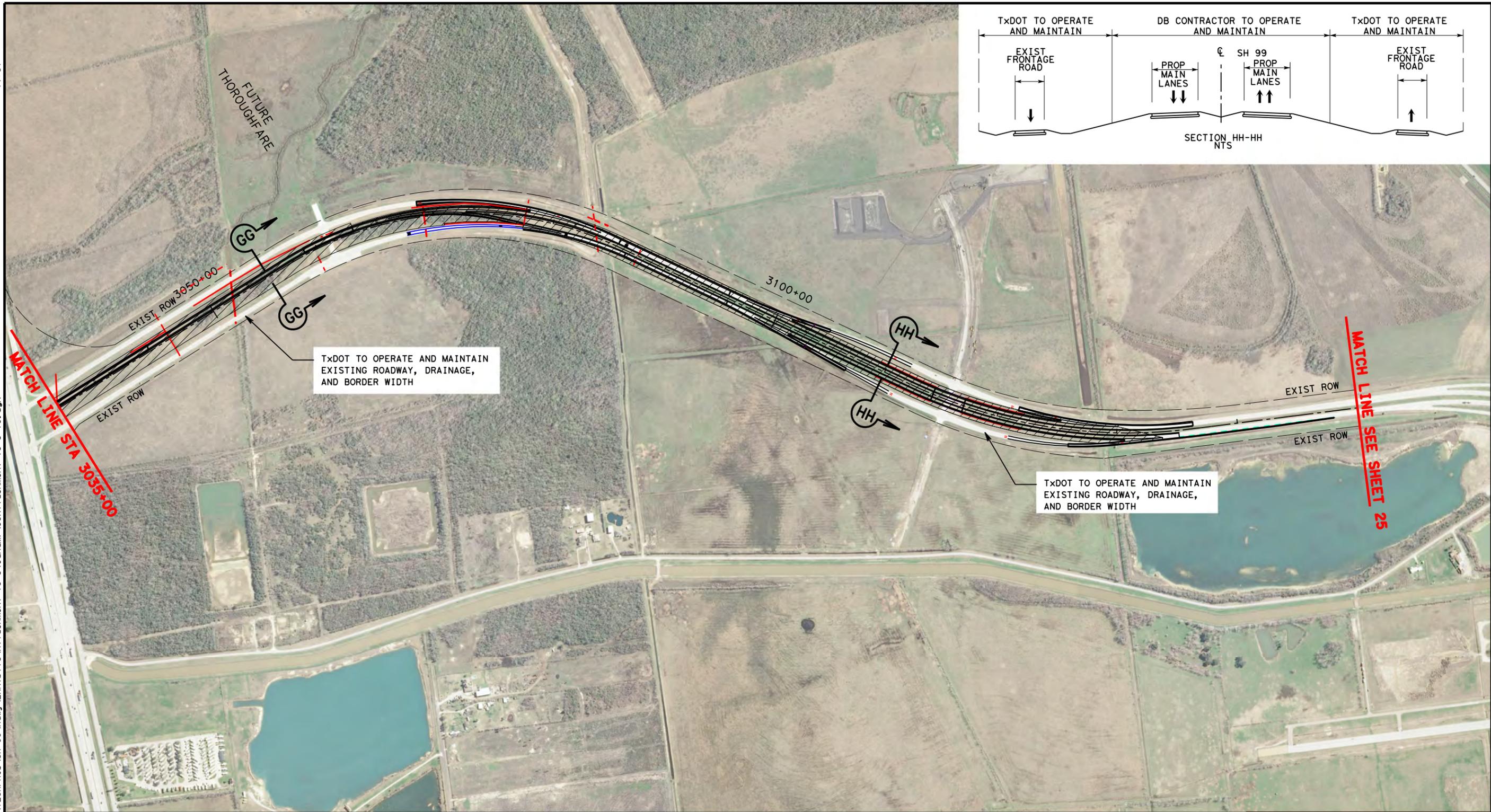


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, H & I-1**

DSN:	FED. RD. DIV. NO. 6	STATE TEXAS	PROJECT NO.	HIGHWAY NO. SH 99
CK:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
DRN:			JOB NO.	SHEET NO. 18
CK:				



LEGEND

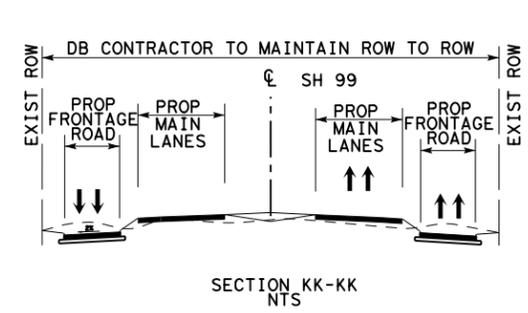
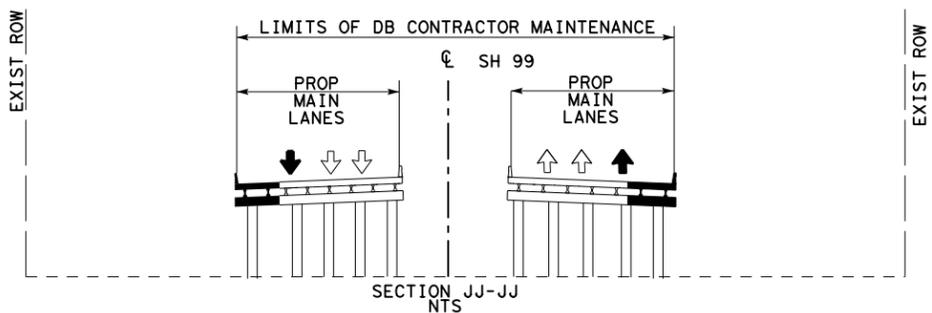
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
- PROPOSED GRAND PARKWAY
- PROP ROW
- PROP CONTOL OF ACCESS
- EXISTING ROW
- PROPERTY LINE
- PROPOSED GRAND PARKWAY BY OTHERS

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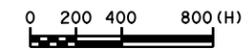



ATTACHMENT 19-2
O & M LIMITS, H & I-1

DSN:	FED. RD. DIV. NO.:	STATE:	PROJECT NO.:	HIGHWAY NO.:
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				JOB NO.:
				SHEET NO.:
				19

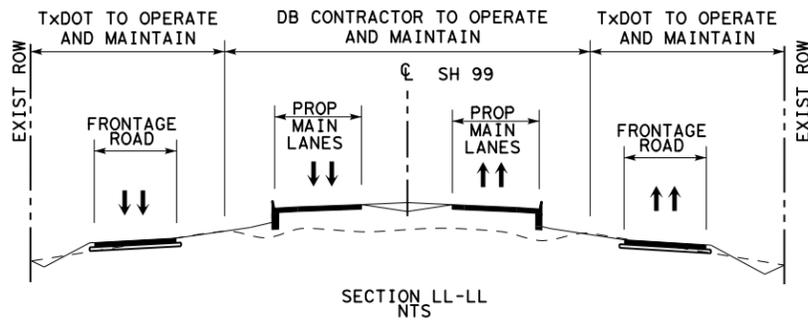


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
O & M LIMITS, I-2**

DSN:	FED. RD. DIV. NO.:	STATE:	PROJECT NO.:	HIGHWAY NO.:
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT:	COUNTY:	CONTROL NO.:	SECTION NO.:
CK:				
				JOB NO.:
				SHEET NO.:
				20

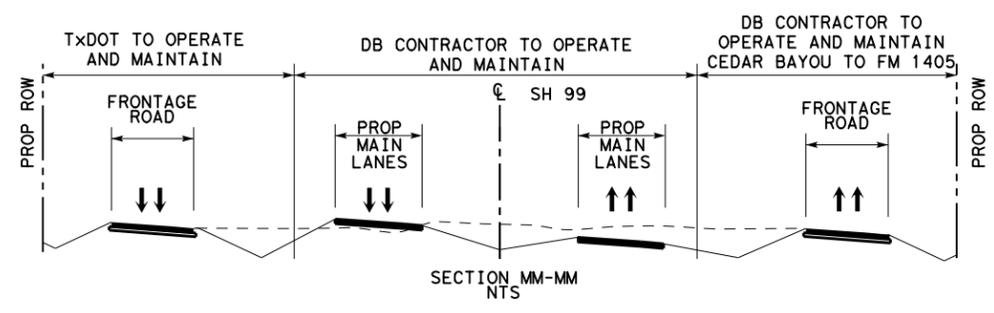
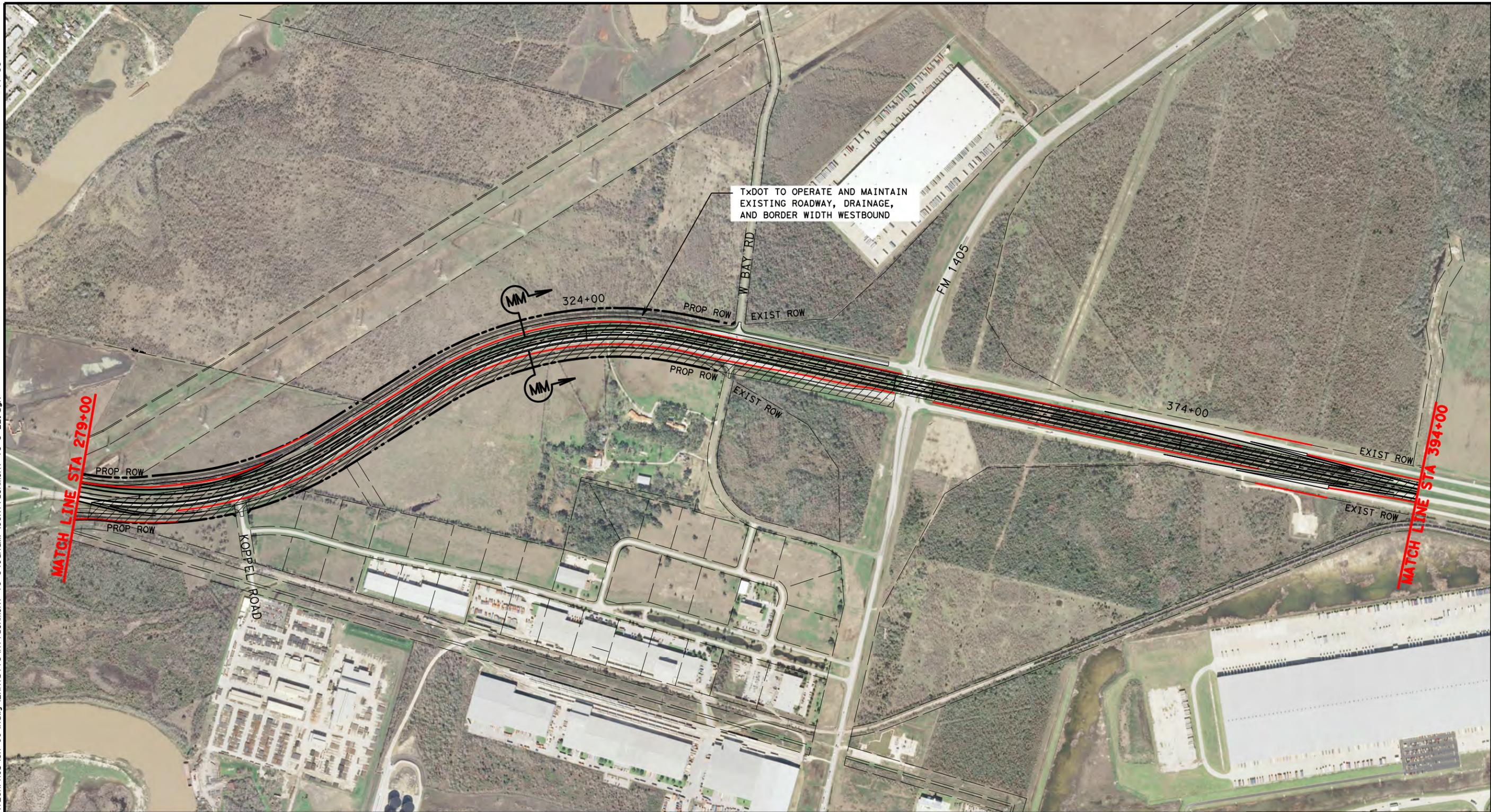


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, I-2**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
				21

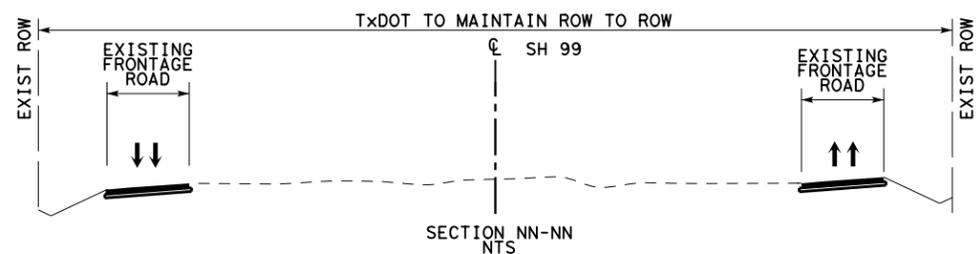


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, I-2**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO.
				SHEET NO.
				22

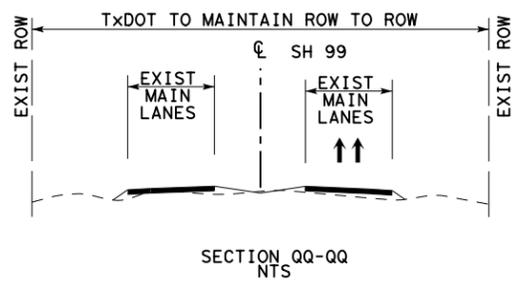


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

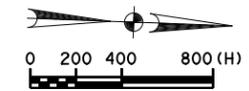


**ATTACHMENT 19-2
 O & M LIMITS, I-2**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO. 23

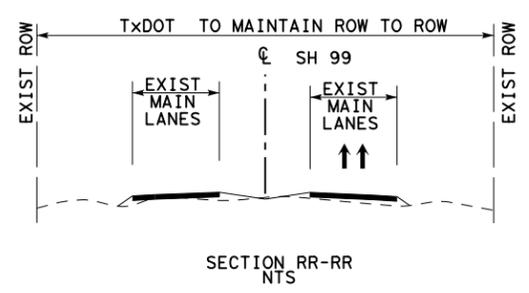


- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS

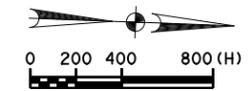


**ATTACHMENT 19-2
O & M LIMITS, I-2**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
				24



- LEGEND**
- LIMITS OF DB CONTRACTOR'S CONSTRUCTION, OPERATIONS, AND MAINTENANCE RESPONSIBILITIES
 - PROPOSED GRAND PARKWAY
 - PROP ROW
 - PROP CONTROL OF ACCESS
 - EXISTING ROW
 - PROPERTY LINE
 - PROPOSED GRAND PARKWAY BY OTHERS



**ATTACHMENT 19-2
 O & M LIMITS, I-2**

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CK:	6	TEXAS		SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
CK:				JOB NO. SHEET NO.
				25