HOUSTON DISTRICT
PROJECT DEVELOPMENT

FEIS SCHEMATIC

NHHIP
SH 288 SEGMENT 3

COUNTY: HARRIS
LIMITS FROM: BLODGETT ST
LIMITS TO: GRAY ST
DATE: 12/11/2019
APPROVED:

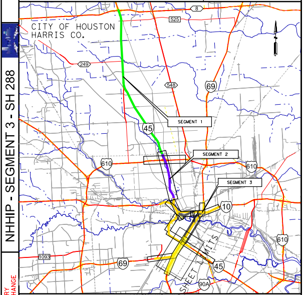
CONSTRUCTION CSJ:0027-13-200, 0027-13-201, 0027-13-221, 0500-03-598, 0500-03-599, 0500-03-601, 0500-08-001

PRELIMINARY CSJ: 0912-00-146, 0912-00-147, 0912-00-479

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
MAINLANES	URBAN FREEWAY	50 MPH
DIRECT CONNECTORS	DIRECT CONNECTORS	40 MPH
RAMPS	RAMPS	40 MPH
CITY STREETS	URBAN MINOR ARTERIAL/	40 MPH
	URBAN COLLECTOR	30 MPH

HORZ SCALE: 1"=200'
0 50 100 200
VERT SCALE: 1"=20'
0 5 10 20

NHHIP - SEGMENT 3 - SH 288


CITY OF HOUSTON
HARRIS CO.
8
525
249
548
69
45
610
10
69
1093
45
90A
SEGMENT 1
SEGMENT 2
SEGMENT 3
SHEET LIMITS

LOCATION MAP : N.T.S.
SURVEY DATA: TEXAS SOUTH CENTRAL ZONE #4204 (HARRIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.00013

PRELIMINARY
SUBJECT TO CHANGE

PLAN LEGEND

SYMBOLOGY	ROADWAY	BRIDGE	STYLE	LINE WT	COLOR CODE	
CENTERLINE			— - —	2	BLACK	0
I-45 MAINLANES	🟨	🟥	—	2	BLACK	0
I-69/US 59 MAINLANES	🟦	■	—	2	BLACK	0
I-10 MAINLANES	🟩	🟪	—	2	BLACK	0
SH 288 MAINLANES	🟪	■	—	2	BLACK	0
I-610 MAINLANES	🟩	🟩	—	2	BLACK	0
I-10 EXPRESS LANES	🟦	🟪	—	2	PINK	10
MAX LANES	🟪	🟪	—	2	PINK	28
LOCAL STREETS	🟩	🟦	—	2	BLUE	1
RAMPS	🟦	🟦	—	2	RED	3
DIRECT CONNECTOR	🟧	■	—	2	MAGENTA	5
PEDESTRIAN REALM	🟫	🟨	—	1	GREEN	155
HIGHWAY CAP/POTENTIAL OPEN SPACE			▨	7		
EXISTING RDWY TO BE REMOVED			▨	1		
SURPLUS ROW			▨	3	RED	3
PROPOSED CONTROL OF ACCESS			—⫲—	0	RED	3
PROPOSED FEIS ROW			▬ ■ ▬	6	BLUE	126
EXISTING ROW			— — —	1	BLACK	0
ACCESS ROAD			- - - -	1	BLUE	1
METRO RAIL RED (MAIN STREET LINE)			########	1	RED	3
METRO RAIL(EAST END LINE)			########	1	GREEN	156
METRO RAIL(SOUTHEAST LINE)			########	1	PURPLE	203
RAILROAD			########	1	BLACK	0
LIMITS OF FLOODWAY			—	1	BLUE	171
PLANIMETRIC			○	2	GREEN	2
TRAFFIC COUNT YEAR (2040) DHV			(0000)	0	BLACK	0
AM MAX LANE TRAFFIC COUNT YEAR (2040) DHV			0000 AM	0	BLACK	0
PM MAX LANE TRAFFIC COUNT YEAR (2040) DHV			0000 PM	0	BLACK	0
EXISTING LANE DIRECTIONAL INDICATOR:						
MAIN LANES			⇨	0	BLACK	0
TURNAROUNDS			⇨	0	BLUE	168
PROPOSED LANE DIRECTIONAL INDICATOR:						
MAIN LANES			→	1	BLACK	0
TURNAROUNDS			→	1	BLUE	168
RAMPS			→	1	RED	3
DIRECT CONNECTOR			→	1	RED	139
MAX LANES			→	1	MAGENTA	5
DEPRESSED			—*—*—	3	RED	3
BY OTHERS			— — —	3	BLUE	1
RETAINING WALL			▬	6	RED	3
PROPOSED AESTHETIC WALL			▬	6	PURPLE	203
PROPOSED NOISE BARRIER			▬	6	LT GREEN	196

HNTB

HNTB Corporation
1301 Fannin St. Suite 2000
Houston, TX 77002
TBPE Firm Registration No. 420

FILE LOCATION:
PREPARED BY: mmckenna

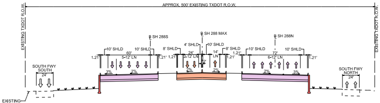
ROADWAY: I-45 NORTH
COUNTY: HARRIS
LIMITS FROM: BELTWAY 8
LIMITS TO: I-69

8
9

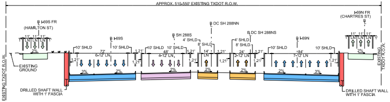
PRELIMINARY
SUBMITTED FOR REVIEW
Engineer: DARRIN J. WILLER
P.E. Serial No.: 82119
Date: 12/11/2019
Signature:
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

TxDOT (DISTRICT-"APPROVED BY")
LETTER DATED

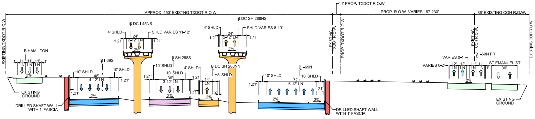
FHWA REPRESENTATIVES ("APPROVED BY")
LETTER DATED


APPROX. 500' EXISTING TXDOT R.O.W.
EXISTING TXDOT R.O.W.
EXISTING TXDOT R.O.W.
℄ SH 288S
℄ SH 288 MAX
℄ SH 288N
10' SHLD
10' SHLD
8' SHLD
4' SHLD
10' SHLD
8' SHLD
10' SHLD
10' SHLD
60'
5-12' LN
24'
2-12' LN
14' LN
2'
72'
6-12' LN
1.21'
3%
2%
2%
2%
2%
3%
SOUTH FWY SOUTH
24'
SOUTH FWY NORTH
24'
EXISTING GROUND

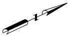
PROP. TYPICAL SECTION A-A
NTS


APPROX. 510-550' EXISTING TXDOT R.O.W.
EXISTING TXDOT R.O.W.
℄ I-69S FR (HAMILTON ST)
11' LN
11' LN
11' LN
1'
2%
℄ I-69S
10' SHLD
10' SHLD
72'
6-12' LN
℄ SH 288S
10' SHLD
10' SHLD
48'
4-12' LN
℄ DC SH 288NN
4' SHLD
8' SHLD
14' LN
℄ DC SH 288NS
4' SHLD
8' SHLD
24'
2-12' LN
℄ I-69N
10' SHLD
10' SHLD
84'
7-12' LN
1.21'
3%
2%
2%
2%
2%
2%
3%
I-69N FR (CHARTRES ST)
℄
11' LN
11' LN
11' LN
1'
2%
EXISTING TXDOT R.O.W.
EXISTING GROUND
DRILLED SHAFT WALL WITH 1' FASCIA
DRILLED SHAFT WALL WITH 1' FASCIA

PROP. TYPICAL SECTION B-B
NTS

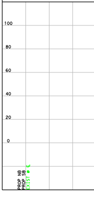

APPROX. 450' EXISTNG TXDOT R.O.W.
11' PROP. TXDOT R.O.W.
PROP. R.O.W. VARIES 167-230'
86' EXISTING COH R.O.W.
EXISTING TXDOT R.O.W.
℄ HAMILTON
1'
11' LN
11' LN
11' LN
1'
2%
℄ I-69S
10' SHLD
10' SHLD
48'
4-12' LN
1.21'
2%
℄ DC I-45NS
4' SHLD
SHLD VARIES 11-12'
24'
2-12' LN
2%
℄ SH 288S
10' SHLD
10' SHLD
36'
3-12' LN
2%
℄ DC SH 288NS
4' SHLD
SHLD VARIES 8-10'
24'
2-12' LN
2%
℄ DC SH 288NN
4' SHLD
8' SHLD
14' LN
2'
2%
℄ I-69N
10' SHLD
10' SHLD
72'
6-12' LN
2%
3%
EXISTING TXDOT R.O.W.
PROP. TXDOT R.O.W
EXISTING COH R.O.W.
℄ I-69N FR
VARIES 0-4'
VARIES 0-2'
12' LN
12' LN
11' LN
11' LN
1'
2%
ST EMANUEL ST
36'
EXISTING COH R.O.W.
EXISTING GROUND
DRILLED SHAFT WALL WITH 1' FASCIA
DRILLED SHAFT WALL WITH 1' FASCIA

PROP. TYPICAL SECTION C-C
NTS

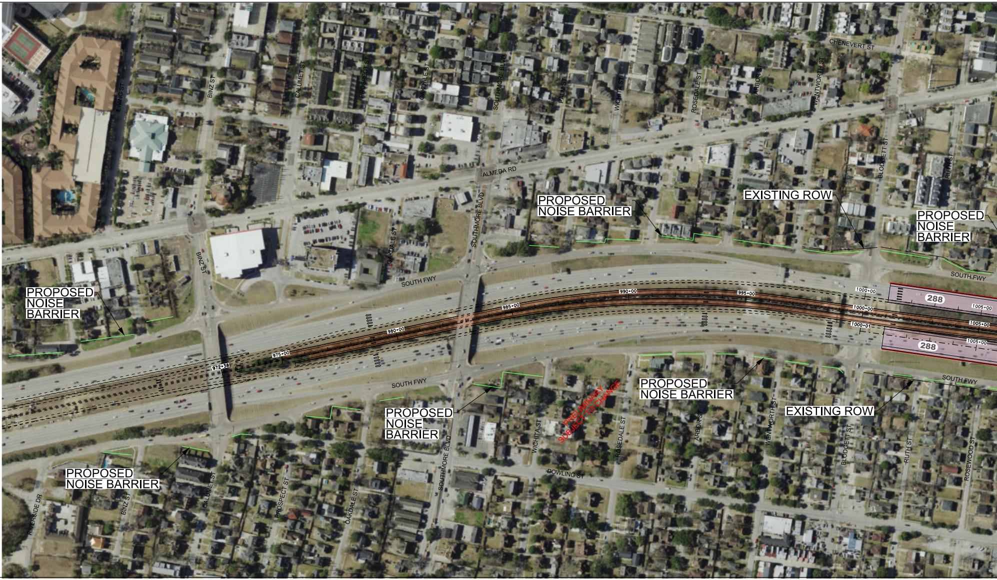


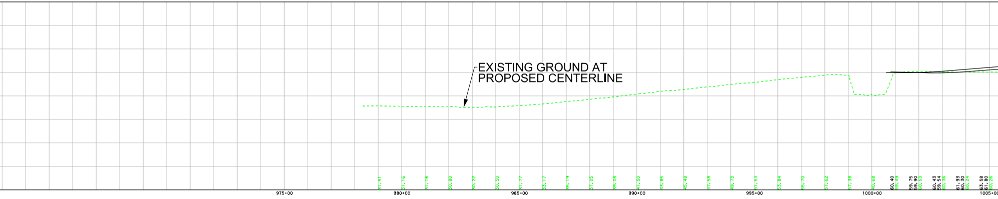
PROFILE LEGEND

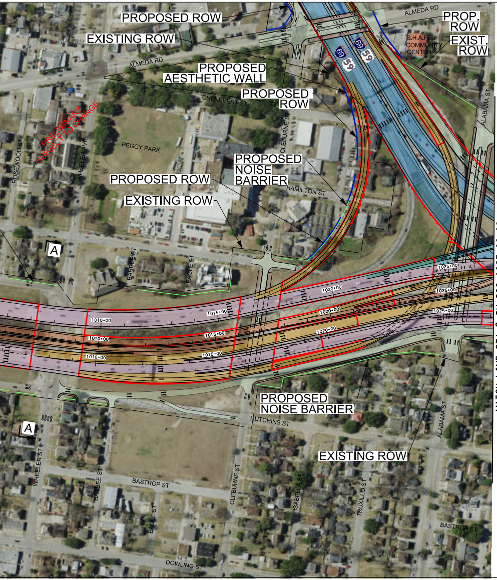
PROP. PGL @ CL/NB/EB MAINLANE	—
PROP. PGL @ SB/WB MAINLANE	— —
PROP. PGL @ MAX LANES	—
EXISTING GROUND @ PGL	— · —
100 YR. W.S.E.	▽
PROP. PGL @ NB/EB RAMP	—
PROP. PGL @ SB/WB RAMP	— —
PROP. PGL @ NB/EB DC	—
PROP. PGL @ SB/WB DC	— —
PROP. PGL @ NB/EB FRONTAGE	—
PROP. PGL @ SB/WB FRONTAGE	— —
PROP. PGL @ LOCAL ST	—
EXIST. GRND. @ NB/EB ROW	- - -
EXIST. GRND. @ SB/WB ROW	- - -

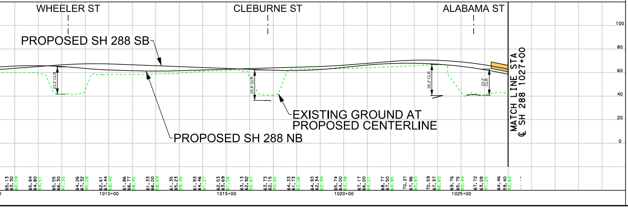


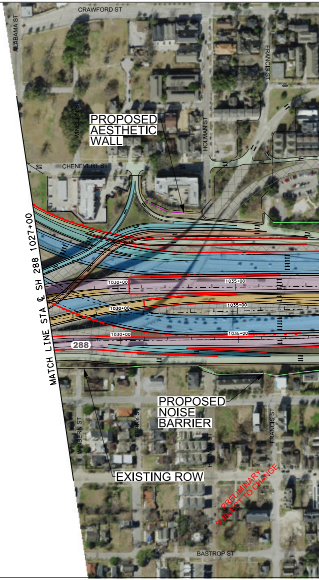
SHEET 8 OF 9

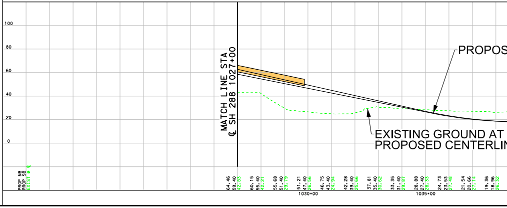

CHENEVERT ST
EWING ST
BINZ ST
CALUMET ST
PROSPECT ST
OAKDALE ST
SOUTHMORE BLVD
PALM ST
WICHITA ST
ROSEDALE ST
ARBOR ST
WENTWORTH ST
BLODGETT ST
RUTH ST
ALMEDA RD
PROPOSED NOISE BARRIER
EXISTING ROW
PROPOSED NOISE BARRIER
PROPOSED NOISE BARRIER
SOUTH FWY
SOUTH FWY
SOUTH FWY
SOUTH FWY
288
288
972+36
975+00
980+00
985+00
990+00
995+00
1000+00
1000+00
1000+01
1005+00
1005+00
1005+00
PROPOSED NOISE BARRIER
PROPOSED NOISE BARRIER
EXISTING ROW
PROPOSED NOISE BARRIER
PROPOSED NOISE BARRIER
PRELIMINARY SUBJECT TO CHANGE
RIVERSIDE DR
DOWLING ST
ROSEWOOD ST

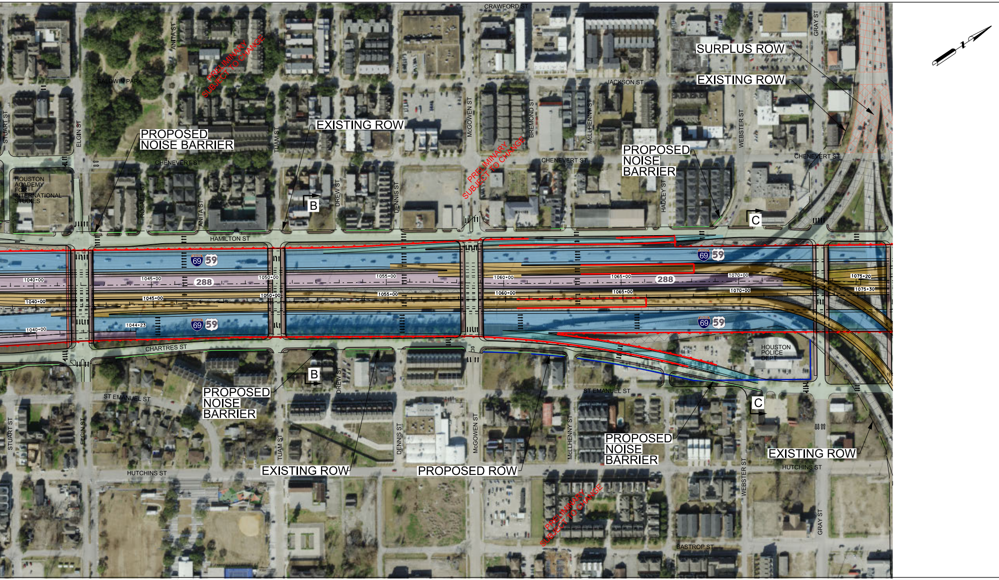

EXISTING GROUND AT PROPOSED CENTERLINE
31.51
31.16
31.16
30.80
30.22
30.50
31.77
33.17
35.19
37.05
39.08
41.50
43.85
45.48
47.58
49.73
51.54
53.84
55.70
57.62
57.38
40.68
60.40
59.49
59.75
59.90
60.53
60.43
59.54
60.36
61.93
60.30
60.24
63.58
61.80
60.26
975+00
980+00
985+00
990+00
995+00
1000+00
1005+00

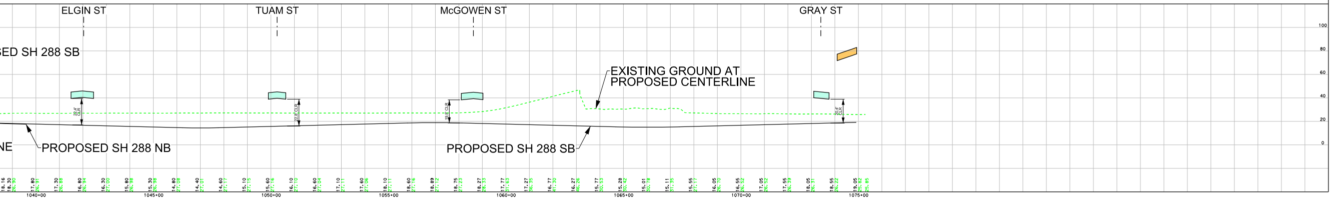

PROPOSED ROW
EXISTING ROW
ALMEDA RD
PROPOSED AESTHETIC WALL
PROPOSED ROW
PROP. ROW
EXIST. ROW
S.H.A.P.E. COMMUNITY CENTER
CHENEVERT ST
PRELIMINARY SUBJECT TO CHANGE
PEGGY PARK
ROSEWOOD ST
WHEELER AVE
CLEBURNE ST
ALABAMA ST
PROPOSED NOISE BARRIER
PROPOSED ROW
EXISTING ROW
HAMILTON ST
A
BARBEE ST
EAGLE ST
1010+00
1015+00
1020+00
1025+00
MATCH LINE STA ℄ SH 288 1027+00.00
PROPOSED NOISE BARRIER
HUTCHINS ST
A
EXISTING ROW
WHEELER ST
BARBEE ST
BASTROP ST
CLEBURNE ST
ISABELLA ST
TRUXILLO ST
EAGLE ST
BASTROP ST
DOWLING ST
69
59


WHEELER ST
CLEBURNE ST
ALABAMA ST
PROPOSED SH 288 SB
EXISTING GROUND AT PROPOSED CENTERLINE
PROPOSED SH 288 NB
MATCH LINE STA ℄ SH 288 1027+00
100
80
60
40
20
0
1010+00
1015+00
1020+00
1025+00


CRAWFORD ST
ALABAMA ST
FRANCIS ST
WINBERN ST
PROPOSED AESTHETIC WALL
HOLMAN ST
CHENEVERT ST
MATCH LINE STA ℄ SH 288 1027+00
1030+00
1035+00
288
PROPOSED NOISE BARRIER
WINBERN ST
BERRY ST
HOLMAN ST
FRANCIS ST
EXISTING ROW
PRELIMINARY SUBJECT TO CHANGE
BASTROP ST


100
80
60
40
20
0
MATCH LINE STA ℄ SH 288 1027+00
PROPOS
EXISTING GROUND AT PROPOSED CENTERLIN
PROP NB
PROP SB
EXIST ℄
1030+00
1035+00


CRAWFORD ST
ANITA ST
BALDWIN PARK
PRELIMINARY SUBJECT TO CHANGE
STUART ST
ELGIN ST
PROPOSED NOISE BARRIER
TUAM ST
EXISTING ROW
McGOWEN ST
BREMOND ST
McILHENNY ST
JACKSON ST
SURPLUS ROW
EXISTING ROW
GRAY ST
WEBSTER ST
PROPOSED NOISE BARRIER
CHENEVERT ST
HOUSTON ACADEMY FOR INTERNATIONAL STUDIES
ROSALIE ST
B
DREW ST
DENNIS ST
HADLEY ST
C
HAMILTON ST
69 59
288
1040+00
1045+00
1050+00
1055+00
1060+00
1065+00
1070+00
1075+20
1075+30
1044+23
CHARTRES ST
HOUSTON POLICE DEPT
ST EMANUEL ST
PROPOSED NOISE BARRIER
EXISTING ROW
PROPOSED ROW
HUTCHINS ST
BASTROP ST


ELGIN ST
TUAM ST
McGOWEN ST
GRAY ST
SED SH 288 SB
EXISTING GROUND AT PROPOSED CENTERLINE
NE
PROPOSED SH 288 NB
PROPOSED SH 288 SB
22.4' CLR
22.8' CLR
19.8' CLR
20.4' CLR
100
80
60
40
20
0
1040+00
1045+00
1050+00
1055+00
1060+00
1065+00
1070+00
1075+00

HOUSTON DISTRICT
PROJECT DEVELOPMENT

NHHIP - SEGMENT 3 - SH 288

PRELIMINARY
SUBJECT TO CHANGE

HNTB Corporation
1301 Fannin St, Suite 2000
Houston, TX 77002
TBPE Firm Registration No. 420

ROADWAY: I-45 NORTH
COUNTY: HARRIS
LIMITS FROM: BELTWAY 8
LIMITS TO: I-69