HOUSTON DISTRICT
PROJECT DEVELOPMENT

SH 146 AND SH 3

PRELIMINARY
SUBJECT TO CHANGE

SCHEMATIC LAYOUT

SH146 AT SH 3

COUNTY: GALVESTON
LIMITS FROM: FM 519
LIMITS TO: LP 197

CSJ: 0389-07-029
DATE: 11/30/2016
APPROVED: [illegible]

NOT A BIDDING DOCUMENT

P.E.

TRPE NO.

LEGEND

DESCRIPTION	COLOR/WEIGHT	STYLE	COLOR CODE
PROPOSED EMBLLANES			BLACK-0
PROPOSED TOLL LANES			PURPLE-40
PROPOSED FRONTAGE ROADS			BLUE-1
PROPOSED RAMPS			BLUE-1
PROPOSED DIRECT CONNECTOR			ORANGE-4
PROPOSED EMBANKMENT			RED-1
PROPOSED RETAINING WALL			RED-1
PROPOSED CONCRETE WALL			RED-1
PROPOSED NOISE WALL			MAGENTA-127
PROPOSED SIDEWALKS			MAGENTA-205
PROPOSED CURB RAMPS			MAGENTA-6
PROPOSED LANE BLOCKTOP			BLACK-0
PROPOSED PRIMER COAT			BLACK-0
PROPOSED SURFACE			BLACK-0
PLANNED R/W			GREEN-3
EXISTING RIGHT-OF-WAY			BLACK-0
EXISTING RAILROAD			GREEN-3
EXISTING CONCRETE TO BE REMOVED			BLACK-0
EXISTING BRIDGE CLASS			BLACK-0
TRAFFIC COUNT POINT			BLACK-0

COLORFILL LEGEND

MAIN LANES
FRONTAGE ROADS
BRIDGE
SIDEWALK
ACCESS ROADS

SCALE

0 100 200 300 400

DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL
MAIN LANE DESIGN CRITERIA: LOW SPEED URBAN
MAIN LANE DESIGN SPEED: 45 MPH (URAL), 35 MPH MIN
ACCESS ROAD DESIGN CRITERIA: LOW SPEED URBAN
ACCESS ROAD DESIGN SPEED: 30 MPH
FRONTAGE ROAD DESIGN CRITERIA: LOW SPEED URBAN
FRONTAGE ROAD DESIGN SPEED: 35 MPH

SH 3 CURVE DATA

PI STATION = 208+42.49	PI STATION = 209+92.38
DELTA OF CURVE = 0° 42' 55" (RT)	DELTA OF CURVE = 1° 12' 37" (LT)
DEGREE OF CURVE = 2° 30' 00"	DEGREE OF CURVE = 1° 00' 00"
TANGENT = 500.23'	TANGENT = 315.94'
LENGTH = 1,000.00'	LENGTH = 630.74'
R = 2,292.00'	R = 5,729.58'
PC STATION = 203+42.26	PC STATION = 206+76.44
PT STATION = 213+42.26	PT STATION = 212+07.18
SW SPEED URBAN DESIGN CRITERIA	SW SPEED URBAN DESIGN CRITERIA
SW APPROVAL/EXCEPTION REQUIRED	SW APPROVAL/EXCEPTION REQUIRED

PI STATION = 215+72.42	PI STATION = 217+09.61
DELTA OF CURVE = 0° 42' 55" (LT)	DELTA OF CURVE = 0° 42' 55" (RT)
DEGREE OF CURVE = 2° 30' 00"	DEGREE OF CURVE = 2° 30' 00"
TANGENT = 500.23'	TANGENT = 500.23'
LENGTH = 1,000.00'	LENGTH = 1,000.00'
R = 2,292.00'	R = 2,292.00'
PC STATION = 210+72.19	PC STATION = 212+09.38
PT STATION = 220+72.19	PT STATION = 221+09.38
SW SPEED URBAN DESIGN CRITERIA	SW SPEED URBAN DESIGN CRITERIA
SW APPROVAL/EXCEPTION REQUIRED	SW APPROVAL/EXCEPTION REQUIRED

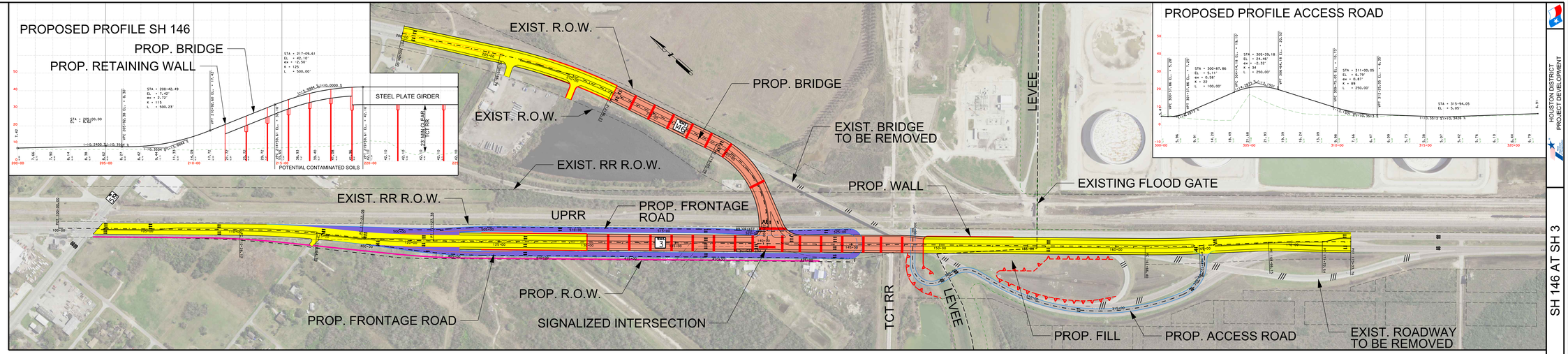
ACCESS ROAD CURVE DATA

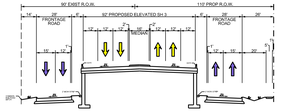
PI STATION = 300+87.86	PI STATION = 305+39.18
DELTA OF CURVE = 5° 11' 30" (RT)	DELTA OF CURVE = 6° 19' 00" (LT)
DEGREE OF CURVE = 22° 00' 00"	DEGREE OF CURVE = 22° 00' 00"
TANGENT = 100.00'	TANGENT = 250.00'
LENGTH = 200.00'	LENGTH = 500.00'
R = 260.42'	R = 260.42'
PC STATION = 299+87.86	PC STATION = 304+39.18
PT STATION = 301+87.86	PT STATION = 309+39.18
SW SPEED URBAN DESIGN CRITERIA	SW SPEED URBAN DESIGN CRITERIA
SW APPROVAL/EXCEPTION REQUIRED	SW APPROVAL/EXCEPTION REQUIRED

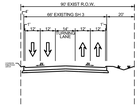
PI STATION = 311+00.05	PI STATION = 315+94.05
DELTA OF CURVE = 6° 19' 00" (RT)	DELTA OF CURVE = 5° 05' 00" (LT)
DEGREE OF CURVE = 22° 00' 00"	DEGREE OF CURVE = 22° 00' 00"
TANGENT = 250.00'	TANGENT = 250.00'
LENGTH = 500.00'	LENGTH = 500.00'
R = 260.42'	R = 260.42'
PC STATION = 306+50.05	PC STATION = 311+44.05
PT STATION = 311+50.05	PT STATION = 316+44.05
SW SPEED URBAN DESIGN CRITERIA	SW SPEED URBAN DESIGN CRITERIA
SW APPROVAL/EXCEPTION REQUIRED	SW APPROVAL/EXCEPTION REQUIRED

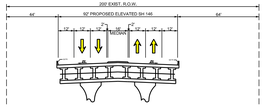
SH 146 CURVE DATA

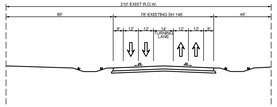
PI STATION = 125+00.00	PI STATION = 137+07.36
DELTA OF CURVE = 0° 45' 00" (RT)	DELTA OF CURVE = 53° 06' 00" (LT)
DEGREE OF CURVE = 2° 30' 00"	DEGREE OF CURVE = 12° 34' 00"
TANGENT = 250.00'	TANGENT = 313.00'
LENGTH = 500.00'	LENGTH = 1,800.00'
R = 2,292.00'	R = 456.00'
PC STATION = 120+50.00	PC STATION = 131+94.36
PT STATION = 130+50.00	PT STATION = 149+94.36
SW SPEED URBAN DESIGN CRITERIA	SW SPEED URBAN DESIGN CRITERIA
SW APPROVAL/EXCEPTION REQUIRED	SW APPROVAL/EXCEPTION REQUIRED

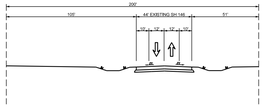


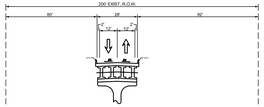


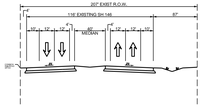


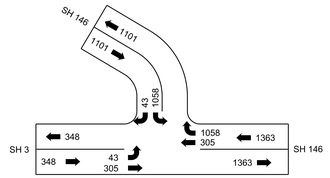




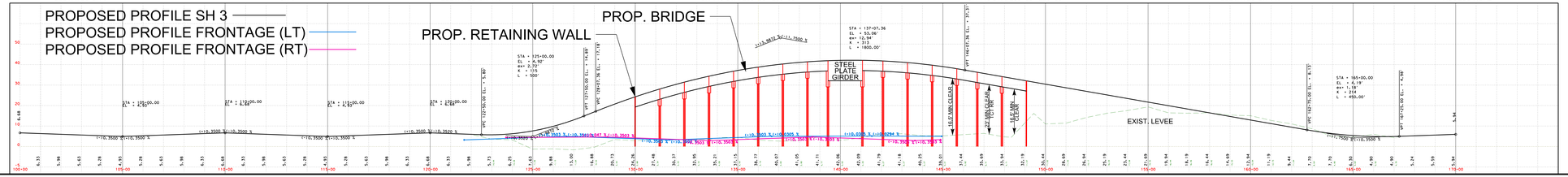








PROJECTED YEAR 2040
DESIGN HOURLY VOLUMES



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