PRELIMINARY SUBJECT TO CHANGE

SHEET 1

PRELIMINARY SUBJECT TO CHANGE

SCHEMATIC LAYOUT
BRAZORIA COUNTY
PROPOSED SH 288
AND
SH 288 TOLLWAY

FROM: US 59
TO: CR 60

HOUSTON DISTRICT

DATE: APR. 2013
APPROVED:

NOT A BIDDING DOCUMENT

______________________P.E.

TEXAS REGISTRATION NUMBER

____
DATE

LEGEND

SYMBOLOGY		LINE WT	COLOR CODE	
MAIN LANES	—	2	BLACK	0
FRONTAGE ROADS AND RAMPS	—	2	BLUE	1
TOLL LANES	—	2	LT PURPLE	37
EXISTING RDWY TO BE REMOVED	// //	0	BLACK	0
EXISTING RDWY TO REMAIN	—	2	GREEN	2
EMBANKMENT	—	3	RED	3
CONTROL OF ACCESS	—	3	RED	3
PROP ROW	—	5	BLACK	0
EXISTING ROW	—	0	BLACK	0
ACCESS ROAD	- - - -	1	BLUE	1
PLANIMETRIC		2	GREEN	2
TRAFFIC COUNT YEAR (2035) DHV		0	BLACK	0
EXISTING LANE DIRECTIONAL INDICATOR	⇨	0	BLACK	0
PROPOSED LANE DIRECTIONAL INDICATOR	→	0	BLACK	0
DIRECT CONNECTOR	—	2	ORANGE	6
DEPRESSED	—	3	RED	3
FUTURE	— —	1	BLUE	1
RETAINING WALL	—	6	RED	3
STRIPING		0	ORANGE	6

SCALE: 0 100 200 300 400

DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION - RURAL PRINCIPAL ARTERIAL
MAIN LANE/TOLL LANE DESIGN CRITERIA - RURAL FREEWAY
MAIN LANE/TOLL LANE DESIGN SPEED - 70 MPH
RAMP DESIGN SPEED - 45 MPH
FRONTAGE ROAD DESIGN CRITERIA - RURAL COLLECTOR
FRONTAGE ROAD DESIGN SPEED - 45 MPH (DESIRABLE)
- 35 MPH (MINIMUM)

COLORFILL LEGEND

MAIN LANES	🟨
RAMPS/FRONTAGE	🟦
TOLL LANES	🟪
DIRECT CONNECTOR	🟨
BRIDGE	🟥

CURVE DATA

NORTHBOUND RAMP
PI STATION : [illegible]
DELTA : [illegible]
DEGREE OF CURVE : [illegible]
TANGENT : [illegible]
LENGTH : [illegible]
RADIUS : [illegible]
PC STATION : [illegible]
PT STATION : [illegible]
NO SUPERELEVATION REQUIRED

SOUTHBOUND RAMP
PI STATION : [illegible]
DELTA : [illegible]
DEGREE OF CURVE : [illegible]
TANGENT : [illegible]
LENGTH : [illegible]
RADIUS : [illegible]
PC STATION : [illegible]
PT STATION : [illegible]
NO SUPERELEVATION REQUIRED

NORTHBOUND RAMP
PI STATION : [illegible]
DELTA : [illegible]
DEGREE OF CURVE : [illegible]
TANGENT : [illegible]
LENGTH : [illegible]
RADIUS : [illegible]
PC STATION : [illegible]
PT STATION : [illegible]
NO SUPERELEVATION REQUIRED

SOUTHBOUND RAMP
PI STATION : [illegible]
DELTA : [illegible]
DEGREE OF CURVE : [illegible]
TANGENT : [illegible]
LENGTH : [illegible]
RADIUS : [illegible]
PC STATION : [illegible]
PT STATION : [illegible]
NO SUPERELEVATION REQUIRED

NORTHBOUND RAMP
PI STATION : [illegible]
DELTA : [illegible]
DEGREE OF CURVE : [illegible]
TANGENT : [illegible]
LENGTH : [illegible]
RADIUS : [illegible]
PC STATION : [illegible]
PT STATION : [illegible]
SUPERELEVATION e= [illegible]

SOUTHBOUND RAMP
PI STATION : [illegible]
DELTA : [illegible]
DEGREE OF CURVE : [illegible]
TANGENT : [illegible]
LENGTH : [illegible]
RADIUS : [illegible]
PC STATION : [illegible]
PT STATION : [illegible]
SUPERELEVATION e= [illegible]

NORTHBOUND RAMP
[illegible]

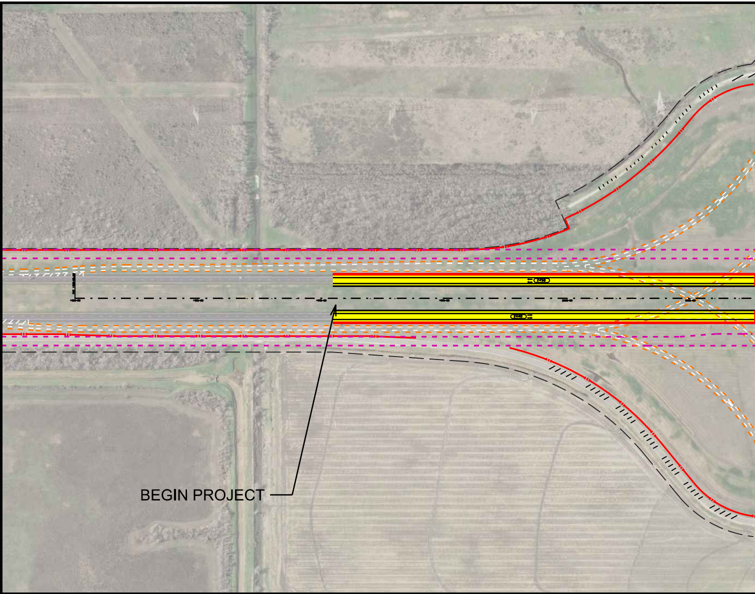
SOUTHBOUND RAMP
[illegible]

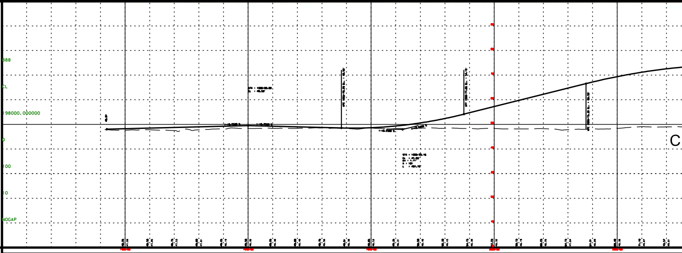
NORTHBOUND RAMP
[illegible]

SOUTHBOUND RAMP
[illegible]

TEXAS
288

288
TOLL


BEGIN PROJECT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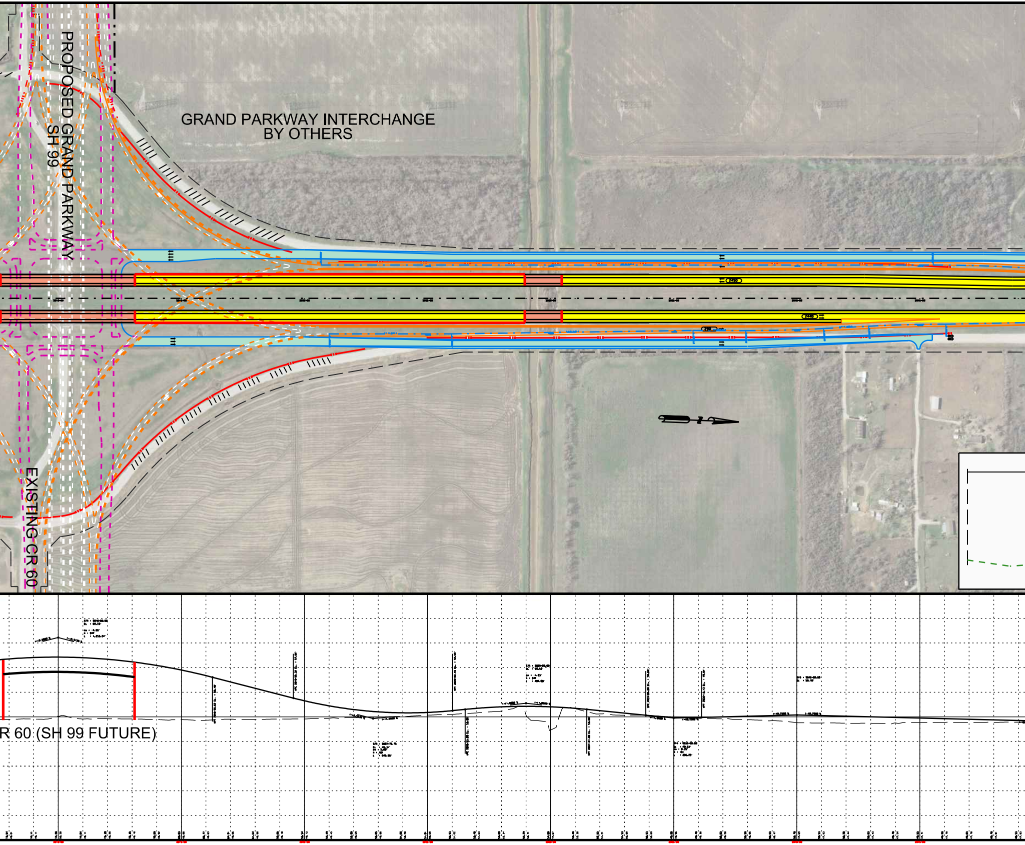
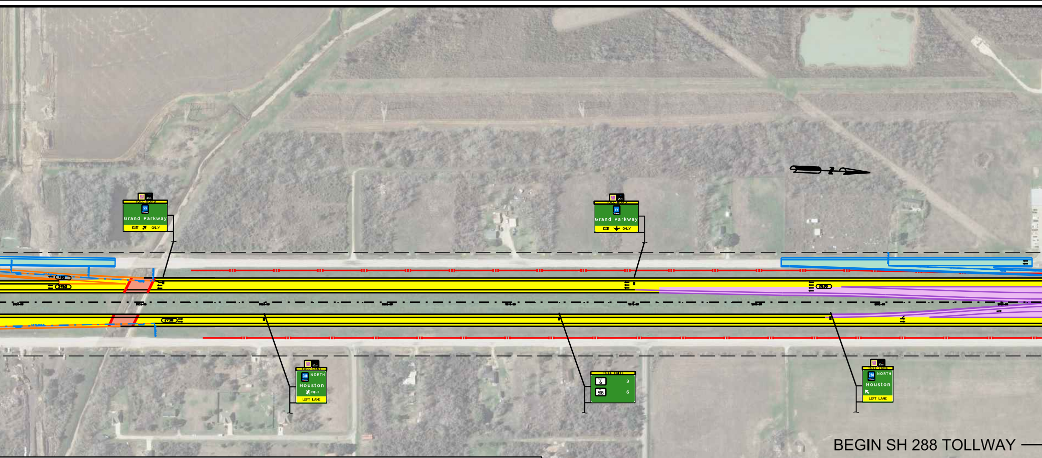
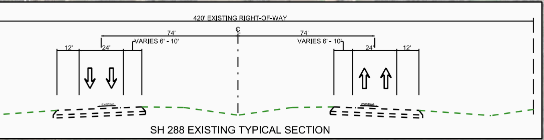
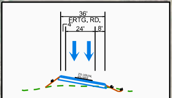

GRAND PARKWAY INTERCHANGE
BY OTHERS
PROPOSED GRAND PARKWAY
SH 99
EXISTING CR 60
R 60 (SH 99 FUTURE)

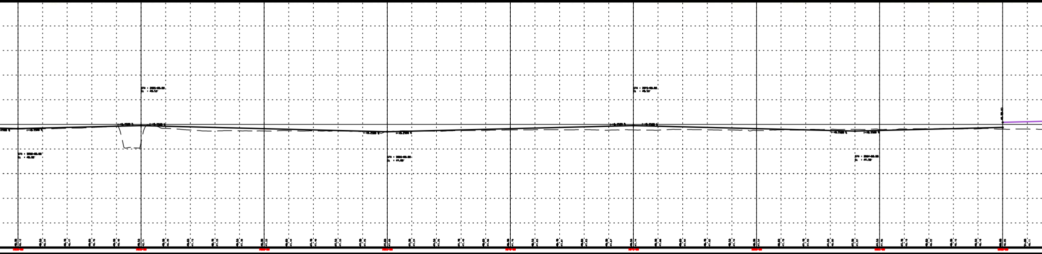

TOLL ROAD
99
Grand Parkway
EXIT ONLY
NORTH
288
Houston
1/2 MILE
LEFT LANE
TOLL EXITS
6 3
58 6
BEGIN SH 288 TOLLWAY

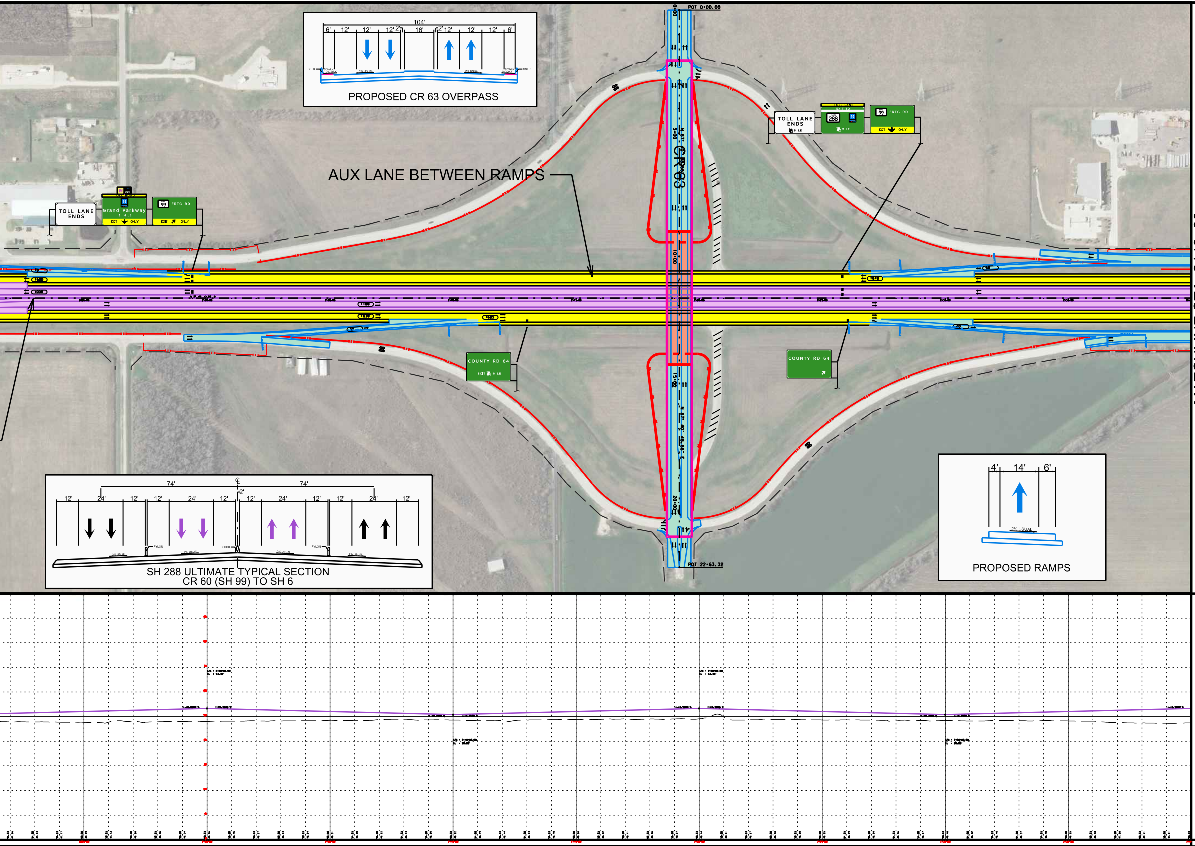

420' EXISTING RIGHT-OF-WAY
℄
74'
74'
VARIES 6' - 10'
VARIES 6' - 10'
12'
24'
24'
12'
EXISTING
EXISTING

SH 288 EXISTING TYPICAL SECTION


36'
FRTG. RD.
4'
24'
8'

PROPOSED FRONTAGE ROADS




PROPOSED CR 63 OVERPASS
104'
6'
12'
12'
12'
2'
16'
2'
12'
12'
12'
6'
AUX LANE BETWEEN RAMPS
CR 63
POT 0+00.00
POT 22+63.32
TOLL LANE ENDS
Grand Parkway
1 MILE
EXIT ONLY
99 FRTG RD
EXIT ONLY
TOLL LANE ENDS
288
99
FRTG RD
EXIT ONLY
COUNTY RD 64
EXIT ½ MILE
COUNTY RD 64
SH 288 ULTIMATE TYPICAL SECTION
CR 60 (SH 99) TO SH 6
74'
74'
12'
24'
12'
12'
24'
12'
2'
12'
24'
12'
12'
24'
12'
PYLON
PYLON
2% USUAL
PROPOSED RAMPS
4'
14'
6'
2% USUAL

MATCHLINE STA. 2140+00