SCHEMATIC LAYOUT
FM 2100

COUNTY: HARRIS
LIMITS FROM: SOUTH DIAMONDHEAD BLVD
LIMITS TO: FM 1960

CSJ: 1062-04-022
DATE: 4/15/2016
APPROVED: / /

NOT A BIDDING DOCUMENT
P.E.
TBPE NO.

HOUSTON DISTRICT
PROJECT DEVELOPMENT

LEGEND

DESCRIPTION	SYMBOLOGY	WEIGHT	COLOR CODE
PROPOSED MAIN LANES		2	BLACK-0
PROPOSED TOLL LANES		2	PURPLE-80
PROPOSED FRONTAGE ROADS		5	BLUE-1
PROPOSED RAMPS		2	BLUE-1
PROPOSED DIRECT CONNECTOR		2	ORANGE-6
PROPOSED EMBANKMENT		2	RED-3
PROPOSED RETAINING WALL		8	RED-3
PROPOSED BRIDGE BENTS		2	RED-3
PROPOSED NOISE WALL		5	MAGENTA-37
PROPOSED SIDEWALKS		2	BLACK-0
PROPOSED STRIPING		1	ORANGE-6
PROPOSED LANE INDICATOR		1	BLACK-0
PROPOSED RIGHT-OF-WAY		5	BLACK-0
CONTROL OF ACCESS		2	RED-3
PLANIMETRIC		1	GREEN-2
EXISTING RIGHT-OF-WAY		1	BLACK-0
EXISTING ROADWAY		1	GREEN-2
EXISTING ROADWAY TO BE REMOVED		1	BLACK-0
EXISTING LANE INDICATOR		1	BLACK-0
TRAFFIC COUNT YEAR (2035) DHV	<200>	1	BLACK-0
TRAFFIC COUNT YEAR (2015) DHV	200		

COLORFILL LEGEND

MAIN LANES
MEDIAN
BRIDGE

SCALE

0 100 200 300 400

DESIGN CRITERIA

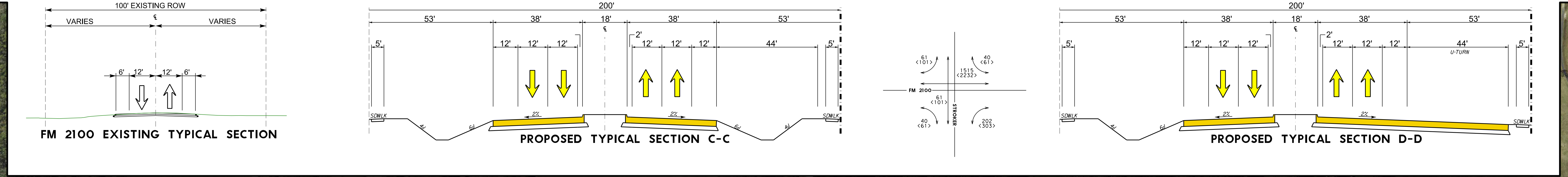
FUNCTIONAL CLASSIFICATION: URBAN PRINCIPAL ARTERIAL
MAIN LANE DESIGN CRITERIA: HIGH SPEED URBAN (NORTH OF HARE COOK)
MAIN LANE DESIGN SPEED: 50 MPH (NORTH OF HARE COOK)
MAIN LANE DESIGN CRITERIA: LOW SPEED URBAN (SOUTH OF HARE COOK)
MAIN LANE DESIGN SPEED: 45 MPH (SOUTH OF HARE COOK)

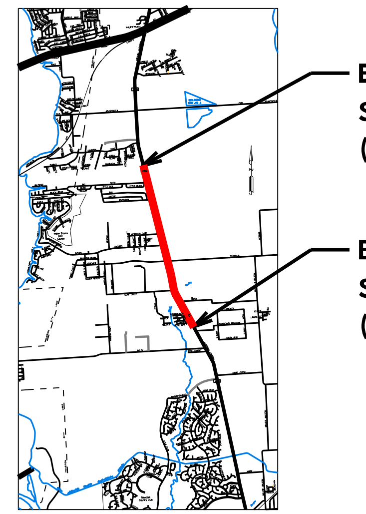
CURVE DATA

PI STATION = 162+91.51
DELTA = 0° 34' 00.00" (RT)
DEGREE OF CURVE = 0° 22' 55.10"
TANGENT = 74.18
LENGTH = 148.35
RADIUS = 15,000.00
PC STATION = 162+17.34
PT STATION = 163+65.69
NO SUPERELEVATION REQUIRED

PI STATION = 180+94.13
DELTA = 15° 26' 03.10" (RT)
DEGREE OF CURVE = 0° 40' 26.64"
TANGENT = 1,151.83
LENGTH = 2,289.71
RADIUS = 8,500.00
PC STATION = 169+42.30
PT STATION = 192+32.01
NO SUPERELEVATION REQUIRED

PI STATION = 222+83.41
DELTA = 0° 34' 27.99" (LT)
DEGREE OF CURVE = 0° 34' 22.65"
TANGENT = 50.13
LENGTH = 100.26
RADIUS = 10,000.00
PC STATION = 222+33.28
PT STATION = 223+33.54
NO SUPERELEVATION REQUIRED





END
SECTION 2
(S. OF FM 1960)

BEGIN
SECTION 2
(S. OF FM 1960)

FM 2100

PRELIMINARY
SUBJECT TO CHANGE

ROADWAY: FM 2100
COUNTY: HARRIS
LIMITS FROM: S. DIAMONDHEAD BLVD
LIMITS TO: FM 1960

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