SCHEMATIC LAYOUT

SH 105

COUNTIES: MONTGOMERY,SAN JACINTO AND LIBERTY
LIMITS FROM: 10TH STREET IN CONROE
LIMITS TO: BUSINESS 105 IN LIBERTY COUNTY

CSJ: 0338-04-060,ETC.
DATE: FEBRUARY 2019
APPROVED: / /

NOT A BIDDING DOCUMENT

,P.E.

TBPE NO.

LEGEND

DESCRIPTION	SYMBOLOGY	WEIGHT	COLOR CODE
PROPOSED MAIN LANES		2	BLACK -0
PROPOSED TOLL LANES		2	PURPLE -60
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		6	RED -3
PROPOSED BRIDGE BENTS		2	RED -3
PROPOSED NOISE WALL		5	MAGENTA -37
PROPOSED SIDEWALKS		2	MAGENTA -64
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		2	GREEN -2
EXISTING ROADWAY TO BE REMOVED		1	BLACK -0
EXISTING LANE INDICATOR		1	BLACK -0
TRAFFIC COUNT YEAR ( ) DHV		1	BLACK -0
CEMETERY			
POTENTIAL HAZARDOUS MATERIAL SITES			
PARK & PICNIC AREAS			
COUNTY/CITY LIMITS			

COLORFILL LEGEND

MAIN LANES	
BRIDGE	

SCALE

0 100 200 300 400

DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION: ARTERIAL
10TH STREET TO FM 1484 DESIGN CRITERIA: LOW-SPEED URBAN STREET
DESIGN SPEED: 45 MPH
FM 1484 TO STA. 809+00 DESIGN CRITERIA: URBAN ROADWAY
DESIGN SPEED: 50 MPH
STA. 809+00 TO BS 105 DESIGN CRITERIA: MULTI-LANE SUBURBAN HIGHWAY
DESIGN SPEED: 60 MPH

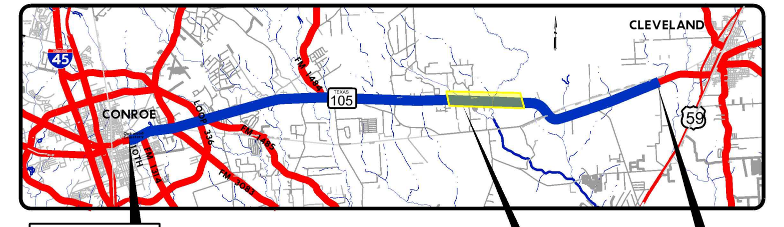
PROJECT CURVE DATA

PROPOSED SH 105 BL

PI STATION = 662+00.46
DELTA = 4° 03' 54.04" (RT)
DEGREE OF CURVE = 0° 24' 27.03"
TANGENT = 498.97
LENGTH = 997.53
RADIUS = 14,060.00
PC STATION = 657+01.49
PT STATION = 666+99.01
NO SUPERELEVATION REQUIRED

VICINITY MAP

N.T.S.



PROFILE LEGEND

PROP SH 105 PROFILE GRADE LINE (PGL)	
EXIST NATURAL GROUND @ PROP 105 BL	
BRIDGE SUPER-STRUCTURE	

SCALE:
H 1" = 100'
V 1" = 10'

HOUSTON DISTRICT
PROJECT DEVELOPMENT

PROPOSED SH 105

TEXAS 105

PRELIMINARY
SUBJECT TO CHANGE

5/7

HOUSTON DISTRICT
PROJECT DEVELOPMENT

PROPOSED SH 105

PRELIMINARY
SUBJECT TO CHANGE