TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
JAMES K. (KELLY) SELMAN, P.E., DISTRICT ENGINEER

I-45 WIDENING DESIGN SCHEMATIC

NAVARRO COUNTY, TEXAS

PROJECT DESCRIPTION: ADD A MAINLANE TO I-45 IN THE CENTER MEDIAN IN EACH DIRECTION, AND RECONSTRUCT THE INTERCHANGES OF SH 31 BUSINESS (E SOUTH AND BUSINESS (E NORTH. THE EXISTING FRONTAGE ROADS AND RAMPS TO REMAIN EXCEPT AS INDICATED IN THE INTERCHANGE AREAS. CITIES ALONG THE PROJECT LIMITS: CORSICANA, MUSTANG, MALONE, ROLLAND AND STRETTANON

DATE: APRIL 2015

CSJ: 0166-01-040	SOUTH OF FM 245 TO SOUTH OF SH 14	(5.77 MILES)
CSJ: 0166-01-041	SOUTH OF SH 14 TO NORTH OF SH 31	(7.42 MILES)
CSJ: 0053-01-085	SOUTH OF SH 31 TO NORTH OF BUS 287	(2.42 MILES)
CSJ: 0050-06-101	NORTH OF BUS 287 TO NORTH BUSINESS 45	(5.52 MILES)
	TOTAL PROJECT LENGTH	(21.14 MILES)

INDEX OF SHEETS

ROLL 1 OF 14:	PLAN & PROFILE VIEW STA. 1001+00 TO STA. 1300+00
ROLL 2 OF 14:	PLAN & PROFILE VIEW STA. 1300+00 TO STA. 1611+00
ROLL 3 OF 14:	PLAN & PROFILE VIEW STA. 1611+00 TO STA. 1911+00
ROLL 4 OF 14:	PLAN & PROFILE VIEW STA. 1911+00 TO STA. 2400+00
ROLL 5 OF 14:	PLAN & PROFILE VIEW STA. 1401+00 TO STA. 1700+00
ROLL 6 OF 14:	PLAN & PROFILE VIEW STA. 1700+00 TO STA. 1999+00
ROLL 7 OF 14:	PLAN & PROFILE VIEW STA. 1999+00 TO STA. 2298+00
ROLL 8 OF 14:	PLAN & PROFILE VIEW STA. 2298+00 TO STA. 2597+00
ROLL 9 OF 14:	PLAN & PROFILE VIEW STA. 2597+00 TO STA. 2896+00
ROLL 10 OF 14:	PLAN & PROFILE VIEW STA. 2896+00 TO STA. 3195+00
ROLL 11 OF 14:	PLAN & PROFILE VIEW STA. 3195+00 TO STA. 3494+00
ROLL 12 OF 14:	PLAN & PROFILE VIEW STA. 3494+00 TO STA. 3793+00
ROLL 13 OF 14:	PROFILE VIEW (INTERCHANGE)
ROLL 14 OF 14:	PROFILE VIEW RAMPS

ROADWAY TYPE	DESIGN SPEED
MAINLANES	70 MPH
DIRECT CONNECTORS	40 MPH
RAMPS	35 MPH
LOOP RAMP	30 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	30 MPH

NOTE: PROJECT USES ROLLING TERRAIN CRITERIA

FUNCTIONAL CLASSIFICATION
FC 1 (INTERSTATE)

ROLL 11 OF 14

LOCATION MAP
N.T.S.

LEGEND:

EXISTING ROW	CAPITAL OF ACCESS LINE
EXTENT/GUARD LINE	PROPOSED EDGE OF PAVEMENT
EXISTING PLANIMETRIC FEATURES	PROPOSED RETAINING WALL
PROPOSED ROW	PROPOSED BRIDGE
CENTER/BLOCKING LINE	PROPOSED BRIDGE
EXISTING TO BE REMOVED	PROPOSED MAIN LANES
DIRECTION OF TRAVEL	PROPOSED RAMP/DIRECT CONNECTOR

HORIZONTAL SCALE: 0 100 200 300 400 0
VERTICAL SCALE: 10 20 30 40

PRELIMINARY
FOR INTERIM REVIEW ONLY
THIS DOCUMENT IS PRELIMINARY AND IS FOR INTERIM REVIEW ONLY. IT MAY NOT BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
Date: 04/09/2015
Fmx Registration: F-2966

JACOBS
1999 BRYAN STREET, SUITE 1200
DALLAS, TEXAS 75201-3136
Fmx Registration: F-2966

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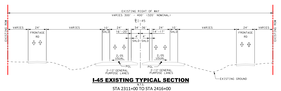
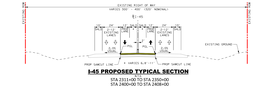
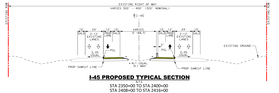


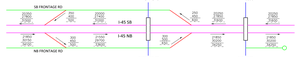
I-45 EXISTING TYPICAL SECTION
STA 2311+00 TO STA 2416+00



I-45 PROPOSED TYPICAL SECTION
STA 2311+00 TO STA 2700+00
STA 2400+00 TO STA 2416+00

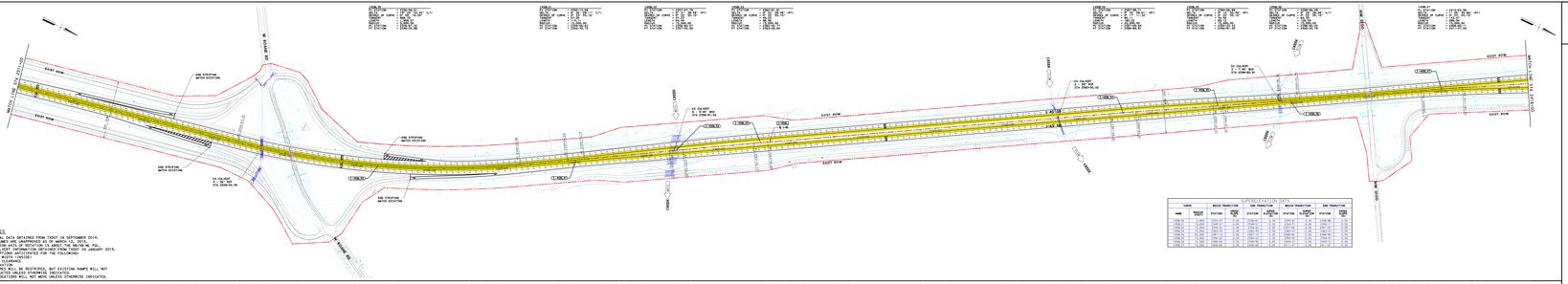


I-45 PROPOSED TYPICAL SECTION
STA 2700+00 TO STA 2400+00
STA 2400+00 TO STA 2416+00



TRAFFIC LINE DIAGRAM

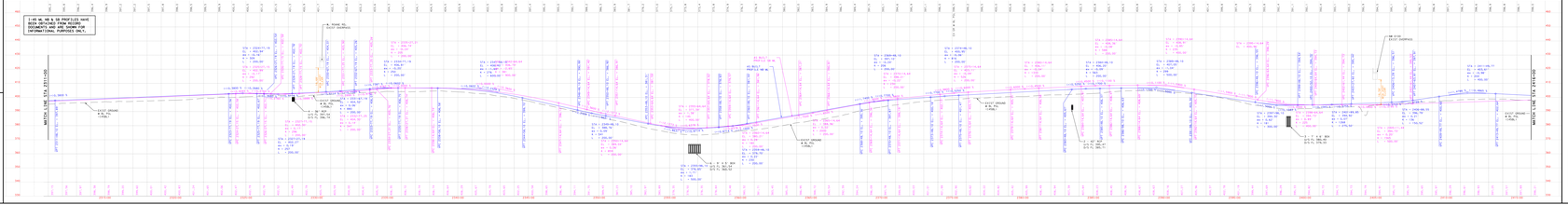
LEGEND
2017-AADT
2035-AADT
2035-DHV
2035-DDHV



GENERAL NOTES:

1. TOPOGRAPHICAL DATA OBTAINED FROM TXDOT IN SEPTEMBER 2014.
2. TRAFFIC VOLUMES ARE UNAPPROVED AS OF MARCH 13, 2015.
3. EXISTING ROW INFORMATION OBTAINED FROM TXDOT ROW MAPS.
4. EXISTING CULVERT INFORMATION OBTAINED FROM TXDOT IN JANUARY 2015.
5. THE FOLLOWING ITEMS ARE EXCEPTIONS FOR THE FOLLOWING:
   a. SHOULDER WIDTH (INSIDE)
   b. SHOULDER WIDTH (OUTSIDE)
   c. SUPERELEVATION
6. MAINLANE GORES WILL BE RESTRICTED, BUT EXISTING RAMPS WILL NOT
7. RAMP GORES WILL BE RESTRICTED, BUT EXISTING RAMPS
8. RAMP NOSE LOCATIONS WILL NOT MOVE UNLESS OTHERWISE INDICATED.

I-45 ML HS & SB PROFILES HAVE BEEN DEVELOPED FOR BRIDGE DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.


BEGIN STA. 2311+00
BEGIN STA. 2494+70.56
EXIST. ROW
EXIST. ROW
EXIST. DRIVEWAY
EXIST. DRIVEWAY
EXIST. DRIVEWAY