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 BLUEBIRD AT SOUTH AND BUSINESS 45 NORTH. THE EXISTING FRONTAGE ROADS AND RAMPS TO REMAIN EXCEPT AS INDICATED IN THE INTERCHANGE AREAS. CITIES ALONG THE PROJECT LIMITS: CORSICANA, MUSTANG, ANGUS, ROLLAND AND STRETTMAN

DATE: APRIL 2015

CSJ: 0700-01-040	SOUTH OF FM 245 TO SOUTH OF SH 14	(5.77 MILES)
CSJ: 0700-01-041	SOUTH OF SH 14 TO NORTH OF BUS 287	(8.42 MILES)
CSJ: 0010-01-085	SOUTH OF BU 287 TO NORTH OF BUS 287	(2.42 MILES)
CSJ: 0050-06-101	NORTH OF BUS 287 TO NORTH BUSINESS 45	(5.22 MILES)
	TOTAL PROJECT LENGTH	21.14 MILES

INDEX OF SHEETS

ROLL 1 OF 14:	PLAN & PROFILE VIEW STA. 1400+00 TO STA. 1580+00
ROLL 2 OF 14:	PLAN & PROFILE VIEW STA. 1580+00 TO STA. 1673+00
ROLL 3 OF 14:	PLAN & PROFILE VIEW STA. 1673+00 TO STA. 1760+00
ROLL 4 OF 14:	PLAN & PROFILE VIEW STA. 1760+00 TO STA. 1840+00
ROLL 5 OF 14:	PLAN & PROFILE VIEW STA. 1840+00 TO STA. 1780+00
ROLL 6 OF 14:	PLAN & PROFILE VIEW STA. 1780+00 TO STA. 1880+00
ROLL 7 OF 14:	PLAN & PROFILE VIEW STA. 1880+00 TO STA. 1990+00
ROLL 8 OF 14:	PLAN & PROFILE VIEW STA. 1990+00 TO STA. 2100+00
ROLL 9 OF 14:	PLAN & PROFILE VIEW STA. 2100+00 TO STA. 2210+00
ROLL 10 OF 14:	PLAN & PROFILE VIEW STA. 2210+00 TO STA. 2312+00
ROLL 11 OF 14:	PLAN & PROFILE VIEW STA. 2312+00 TO STA. 2424+00
ROLL 12 OF 14:	PLAN & PROFILE VIEW STA. 2424+00 TO STA. 2544+70.58
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	30 MPH
LOOP RAMP	20 MPH
FRONTAGE ROADS	30 MPH
CROSS STREETS	30 MPH

NOTE: PROJECT USES ROLLING TERRAIN CRITERIA

FUNCTIONAL CLASSIFICATION
FC 1 (INTERSTATE)

ROLL 1 OF 14

LOCATION MAP
N.T.S.

LEGEND:

EXISTING ROW	CONTROL OF ACCESS LINE
CITY/COUNTY LINE	PROPOSED EDGE OF PAVEMENT
EXISTING PLANIMETRIC FEATURES	PROPOSED RETAINING WALL
EXISTING CONTOURS	PROPOSED CONTOURS
CENTER/BLOCKING LINE	PROPOSED BRIDGE
EXISTING TO BE REMOVED	PROPOSED MAIN LANES
DIRECTION OF TRAVEL	PROPOSED RAMP/DIRECT CONNECTOR

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

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

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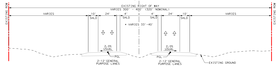
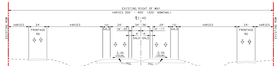
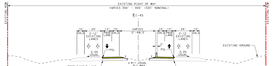


I-45 EXISTING TYPICAL SECTION
STA 1282+50 TO STA 1300+00



I-45 EXISTING TYPICAL SECTION
STA 1300+00 TO STA 1366+00

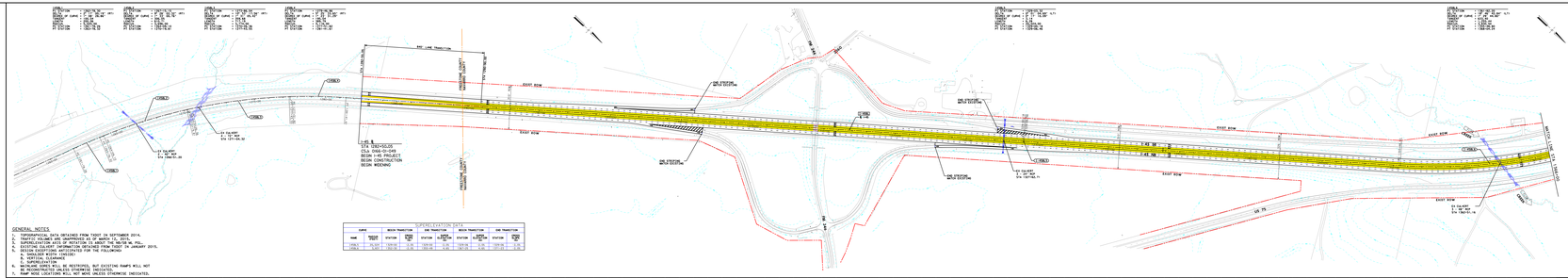


I-45 PROPOSED TYPICAL SECTION
STA 1282+50 TO STA 1290+90

I-45 PROPOSED TYPICAL SECTION
STA 1290+90 TO STA 1366+00

TRAFFIC LINE DIAGRAM

LEGEND
2017-4017
2016-4016
2015-4015
2014-4014


EXIST. ROW
EXIST. ROW
BEGIN CONSTRUCTION
BEGIN WIDENING
END CONSTRUCTION
END WIDENING
EXIST. ROW
EXIST. ROW
EXIST. ROW