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 IN 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: 0160-01-040	SOUTH OF FM 246 TO SOUTH OF SH 14	(5.77 MILES)
CSJ: 0160-01-041	SOUTH OF SH 14 TO NORTH OF SH 31	(8.00 MILES)
CSJ: 0045-01-080	SOUTH OF SH 31 TO NORTH OF BUS 287	(2.42 MILES)
CSJ: 0050-06-101	NORTH OF BUS 287 TO NORTH BUSINESS 45	(5.02 MILES)
	TOTAL PROJECT LENGTH	(21.19 MILES)

INDEX OF SHEETS

ROLL 1 OF 14	PLAN & PROFILE VIEW STA. 1160+00 TO STA. 1260+00
ROLL 2 OF 14	PLAN & PROFILE VIEW STA. 1260+00 TO STA. 1411+00
ROLL 3 OF 14	PLAN & PROFILE VIEW STA. 1411+00 TO STA. 1560+00
ROLL 4 OF 14	PLAN & PROFILE VIEW STA. 1560+00 TO STA. 1660+00
ROLL 5 OF 14	PLAN & PROFILE VIEW STA. 1660+00 TO STA. 1760+00
ROLL 6 OF 14	PLAN & PROFILE VIEW STA. 1760+00 TO STA. 1860+00
ROLL 7 OF 14	PLAN & PROFILE VIEW STA. 1860+00 TO STA. 1956+00
ROLL 8 OF 14	PLAN & PROFILE VIEW STA. 1956+00 TO STA. 2055+00
ROLL 9 OF 14	PLAN & PROFILE VIEW STA. 2055+00 TO STA. 2155+00
ROLL 10 OF 14	PLAN & PROFILE VIEW STA. 2155+00 TO STA. 2255+00
ROLL 11 OF 14	PLAN & PROFILE VIEW STA. 2255+00 TO STA. 2354+00
ROLL 12 OF 14	PLAN & PROFILE VIEW STA. 2354+00 TO STA. 2454+00
ROLL 13 OF 14	PROFILE VIEW (INTERCHANGE)
ROLL 14 OF 14	PROFILE VIEW RAMPS

ROADWAY TYPE	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
MAINLANES	70 MPH	FC 1 (INTERSTATE)
DIRECT CONNECTORS	40 MPH	
FRONTAGE ROADS	30 MPH	
LOOP RAMP	30 MPH	**ROLL 6 OF 14**
DIRECT CONNECTORS	30 MPH	
CROSS STREETS	30 MPH	

NOTE: PROJECT USES ROLLING TERRAIN CRITERIA

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
CENTERLINE/BASELINE	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
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PREPARED BY: JACOBS ENGINEERING GROUP INC. DATE: 04/29/2015
Firm Registration F-2966

JACOBS
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DALLAS, TEXAS 75201-3136
Firm Registration F-2966

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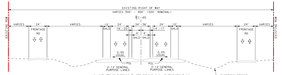
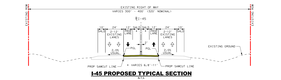
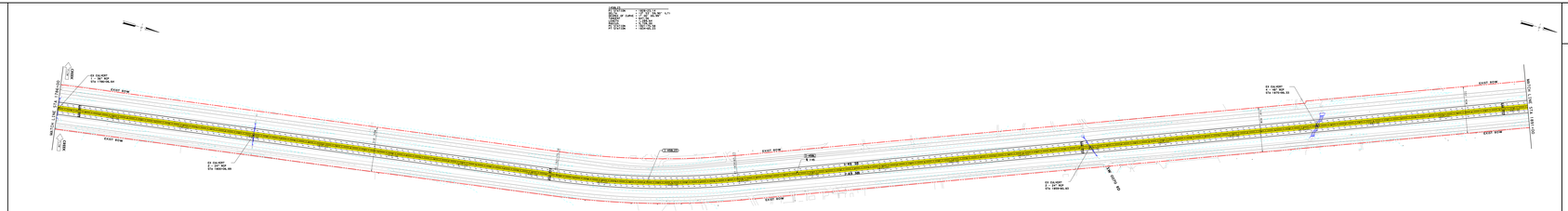


I-45 EXISTING TYPICAL SECTION
STA 1786+00 TO STA 1851+00



I-45 PROPOSED TYPICAL SECTION
STA 1786+00 TO STA 1851+00

TRAFFIC LINE DIAGRAM


BEGIN I-45 PROJECT
STA 1160+00.00
CSJ: 0160-01-040
END I-45 PROJECT
STA 2494+70.58
CSJ: 0050-06-101
EXIST. ROW
EXIST. ROW
EXIST. ROW