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, ANGUS, ROLLING AND STRETTMAN

DATE: APRIL 2015

CSJ: 0100-01-040	SOUTH OF FM 246 TO SOUTH OF SH 14	(5.77 MILES)
CSJ: 0100-01-041	SOUTH OF SH 14 TO SOUTH OF BUS 287	(4.42 MILES)
CSJ: 0053-01-086	SOUTH OF BI 45F 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	(17.13 MILES)

INDEX OF SHEETS

ROLL 1 OF 14	PLAN & PROFILE VIEW STA. 1400+00 TO STA. 1560+00
ROLL 2 OF 14	PLAN & PROFILE VIEW STA. 1560+00 TO STA. 1672+00
ROLL 3 OF 14	PLAN & PROFILE VIEW STA. 1672+00 TO STA. 1784+00
ROLL 4 OF 14	PLAN & PROFILE VIEW STA. 1784+00 TO STA. 1896+00
ROLL 5 OF 14	PLAN & PROFILE VIEW STA. 1896+00 TO STA. 1960+00
ROLL 6 OF 14	PLAN & PROFILE VIEW STA. 1960+00 TO STA. 2072+00
ROLL 7 OF 14	PLAN & PROFILE VIEW STA. 2072+00 TO STA. 2184+00
ROLL 8 OF 14	PLAN & PROFILE VIEW STA. 2184+00 TO STA. 2296+00
ROLL 9 OF 14	PLAN & PROFILE VIEW STA. 2296+00 TO STA. 2408+00
ROLL 10 OF 14	PLAN & PROFILE VIEW STA. 2408+00 TO STA. 2520+00
ROLL 11 OF 14	PLAN & PROFILE VIEW STA. 2520+00 TO STA. 2632+00
ROLL 12 OF 14	PLAN & PROFILE VIEW STA. 2632+00 TO STA. 2744+00
ROLL 13 OF 14	PLAN & PROFILE VIEW STA. 2744+00 TO STA. 2856+00
ROLL 14 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	
DIRECT CONNECTORS	30 MPH	
CROSS STREETS	30 MPH	

NOTE: PROJECT USES ROLLING TERRAIN CRITERIA

ROLL 7 OF 14

LOCATION MAP
N.T.S.

LEGEND:

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

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

PRELIMINARY
FOR INTERIM REVIEW ONLY
THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
PREPARED BY: JACOBS
DATE: 04-24-2015
Firm Registration # 2166

JACOBS
1999 BRYAN STREET, SUITE 1000
DALLAS, TEXAS 75201-3136
Firm Registration # 2166

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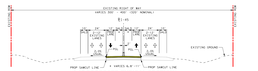
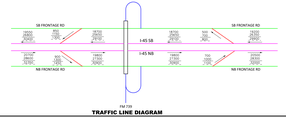
I-45 EXISTING TYPICAL SECTION
STA 1693+00 TO STA 1995+28.09

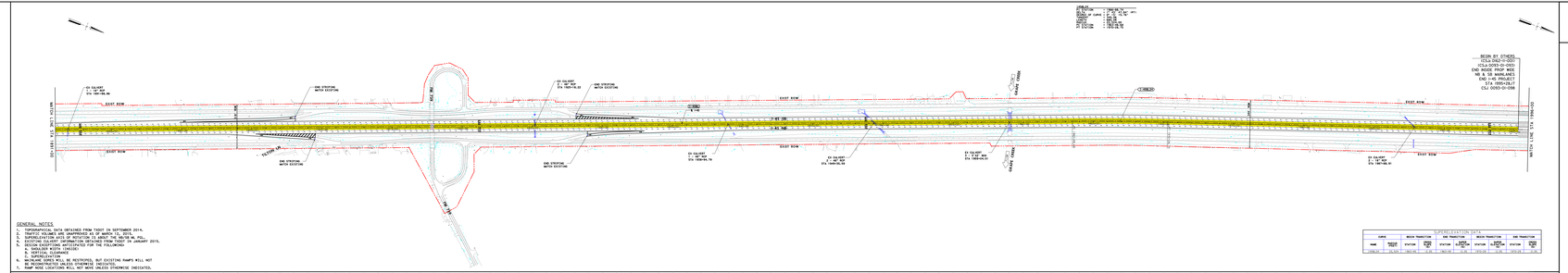


I-45 PROPOSED TYPICAL SECTION
STA 1693+00 TO STA 1995+28.09



TRAFFIC LINE DIAGRAM

LEGEND
2012 AST
2012 AST
2012 AST
2012 AST



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. DESIGN CRITERIA FOR I-45 PROJECTS 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. ALL RAMPS WILL BE RESTRICTED TO 30 MPH
8. RAMP NOSE LOCATIONS WILL NOT MOVE UNLESS OTHERWISE INDICATED.

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ROADWAY TYPE | DESIGN SPEED | FUNCTIONAL CLASSIFICATION

ROLL 7 OF 14

LOCATION MAP N.T.S.

LEGEND:

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