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 (EAST) AND BUSINESS (NORTH) AND BUSINESS (NORTH). THE EXISTING FRONTAGE ROADS AND RAMPS TO REMAIN EXCEPT AS INDICATED IN THE INTERCHANGE AREAS. CITIES ALONG THE PROJECT LIMITS: CORSICANA, WAXAHACHIE, ANGUS, ROLLINS 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	(4.00 MILES)
CSJ: 0092-03-085	SOUTH OF SH 287 TO NORTH OF BUS 287	(2.42 MILES)
CSJ: 0092-06-101	NORTH OF BUS 287 TO NORTH BUSINESS 45	(5.02 MILES)
	TOTAL PROJECT LENGTH	(17.19 MILES)

INDEX OF SHEETS

ROLL 1 OF 14	PLAN & PROFILE VIEW STA. 1401+00 TO STA. 1586+00
ROLL 2 OF 14	PLAN & PROFILE VIEW STA. 1586+00 TO STA. 1671+00
ROLL 3 OF 14	PLAN & PROFILE VIEW STA. 1671+00 TO STA. 1756+00
ROLL 4 OF 14	PLAN & PROFILE VIEW STA. 1756+00 TO STA. 1841+00
ROLL 5 OF 14	PLAN & PROFILE VIEW STA. 1841+00 TO STA. 1926+00
ROLL 6 OF 14	PLAN & PROFILE VIEW STA. 1926+00 TO STA. 2011+00
ROLL 7 OF 14	PLAN & PROFILE VIEW STA. 2011+00 TO STA. 2096+00
ROLL 8 OF 14	PLAN & PROFILE VIEW STA. 2096+00 TO STA. 2181+00
ROLL 9 OF 14	PLAN & PROFILE VIEW STA. 2181+00 TO STA. 2266+00
ROLL 10 OF 14	PLAN & PROFILE VIEW STA. 2266+00 TO STA. 2351+00
ROLL 11 OF 14	PLAN & PROFILE VIEW STA. 2351+00 TO STA. 2436+00
ROLL 12 OF 14	PLAN & PROFILE VIEW STA. 2436+00 TO STA. 2494+70.58
ROLL 13 OF 14	PROFILE VIEW (INTERCHANGE)
ROLL 14 OF 14	PROFILE VIEW (RAMPS)

ROADWAY TYPE	DESIGN SPEED
MAINLANES	70 MPH
DIRECT CONNECTIONS	30 MPH
FRONTAGE ROADS	30 MPH
LOOP RAMP	30 MPH
DIAMOND RAMPS	30 MPH
CROSS STREETS	30 MPH

NOTE: PROJECT USED ROLLING TERRAIN CRITERIA

FUNCTIONAL CLASSIFICATION
FC 1 (INTERSTATE)

ROLL 3 OF 14

LOCATION MAP
N.T.S.

LEGEND:

EXISTING ROW	CONTROL OF ACCESS LINE
CUTS/GUARDY LINE	PROPOSED EDGE OF PAVEMENT
EXISTING PLANIMETRIC FEATURES	PROPOSED RETAINING WALL
EXISTING CONTOURS	PROPOSED ROW
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
THIS DOCUMENT IS PRELIMINARY AND IS FOR INTERNAL REVIEW ONLY. THIS DOCUMENT MAY NOT BE USED FOR CONSTRUCTION OR BIDDING PURPOSES.

JACOBS
1999 BRYAN STREET, SUITE 1000
DALLAS, TEXAS 75201
Phone: 214.638.0145
Firm Registration F-2966

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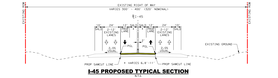
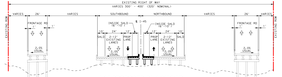
I-45 EXISTING TYPICAL SECTION
STA 1471+00 TO STA 1576+00



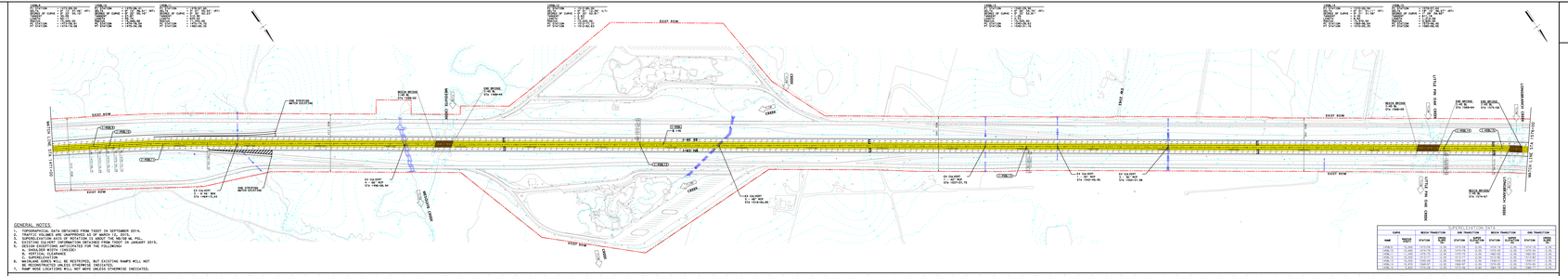
I-45 PROPOSED TYPICAL SECTION
STA 1471+00 TO STA 1576+00



I-45 PROPOSED PAN GIRDER BEAM BRIDGE TYPICAL SECTION
STA 1499+22 TO STA 1499+44
STA 1568+00 TO STA 1568+44
STA 1574+67 TO STA 1575+58

TRAFFIC LINE DIAGRAM

LEGEND
2017-407
2016-406
2015-405
2014-404


EXIST ROW
BEGIN BRIDGE
STA. 1396+00
END BRIDGE
STA. 1964+00
END STATION
87+00 EXISTING
BEGIN STATION
87+00 EXISTING
EX CULVERT
STA. 1926+00
EX CULVERT
STA. 1964+00
EX CULVERT
STA. 1964+00
EX CULVERT
STA. 1964+00
EX CULVERT
STA. 1964+00
EX CULVERT
STA. 1964+00
EX CULVERT
STA. 1964+00
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STA. 1964+00
EX CULVERT
STA. 1964+00
EXIST ROW
EXIST ROW
EXIST ROW