TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC

SH 31 AND IH 45
NAVARRO COUNTY

CSJ NO. 0162-11-001 AND CSJ NO. 0093-01-093

SH 31 - CSJ NO. 0162-11-001 - FROM 3.2 MILES WEST OF FM 2555
TO 3.7 MILES EAST OF IH45

IH 45 - CSJ NO. 0093-01-093 - FROM FM 739
TO 15TH STREET IN CORSICANA

DESIGN SPEED
SH 31 FREEWAY MAINLANES = 70 MPH
SH 31 FRONTAGE ROADS/DIRECT CONNECTORS AND RAMPS= 50 MPH
US 287 = 50 MPH
COUNTY ROADS = 50 MPH
U-TURNS = 20 MPH

EXISTING 31 AT BEGIN PROJECT = 70 MPH
EXISTING 31 AT END PROJECT = 60 MPH

IH 45 FREEWAY MAINLANES = 70 MPH
IH 45 FRONTAGE ROADS = 40 MPH

AVERAGE DAILY TRAFFIC: SEE ATTACHED TRAFFIC DIAGRAMS

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

TOTAL PROJECT LENGTH = 18.060 MILES
CSJ NO. 0162-11-001 LENGTH = 14.060 MILES
CSJ NO. 0093-01-093 LENGTH = 4.000 MILES

LOCATION MAP
N.T.S.

TABLE OF CONTENTS FOR SHEETS

ROLL 1: MAINLANE PLAN AND PROFILE
ROLL 2: MAINLANE PLAN AND PROFILE
ROLL 3: MAINLANE PLAN AND PROFILE
ROLL 4: MAINLANE PLAN
ROLL 5: MAINLANE PROFILE
ROLL 6: MAINLANE PLAN AND PROFILE
ROLL 7: MAINLANE PLAN AND PROFILE
ROLL 8: MAINLANE PLAN AND PROFILE
ROLL 9: FRONTAGE ROAD PROFILES
ROLL 10: FRONTAGE ROAD PROFILES
ROLL 11: FRONTAGE ROAD PROFILES
ROLL 12: FRONTAGE ROAD PROFILES
ROLL 13: FRONTAGE ROAD PROFILES
ROLL 14: FRONTAGE ROAD PROFILES
ROLL 15: CROSS STREET & RAMP PROFILES
ROLL 16: RAMP PROFILES
ROLL 17: RAMP PROFILES
ROLL 18: U-TURN PROFILES

LEGEND:

- PROPOSED ULTIMATE ROADWAY
- PROPOSED MAINLANE
- PROPOSED GRADE - CONCRETE (BTW)
- PROPOSED GRADE - ASPHALT
- PROPOSED RETAINING WALL
- PROPOSED CULVERT
- PROPOSED BRIDGE (BRIDGE)
- PROPOSED RIGHT OF WAY (PROPOSED ROW)
- EXISTING RIGHT OF WAY
- EXISTING CULVERT
- PROPOSED CONTROLLED ACCESS (PROPOSED CA)
- LINE DIRECTIONAL DESCRIPTOR

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF THE REGISTERED ENGINEER JONATHAN TRONSON, P.E. #123347 ON

DATE: SEPTEMBER, 2014

IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

ROLL 5 OF 18

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Texas Department of Transportation

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DATE APPROVED:

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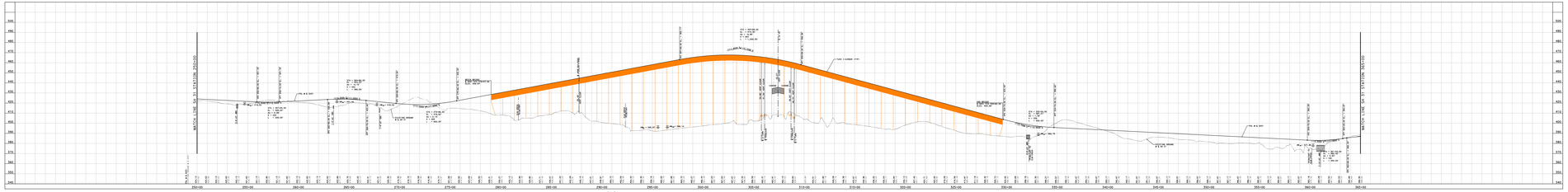

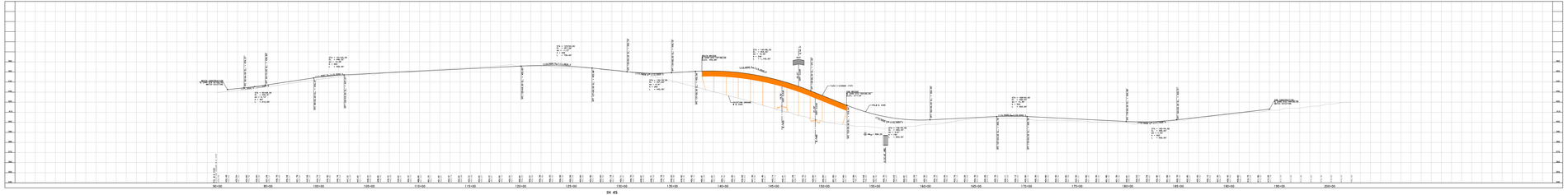

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