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 3.1 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 FREWAY 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
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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: CROSS STREET & RAMP PROFILES
ROLL 15: CROSS STREET & RAMP PROFILES
ROLL 16: RAMP PROFILES
ROLL 17: RAMP PROFILES
ROLL 18: U-TURN PROFILES

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

DATE: SEPTEMBER, 2014

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

ROLL 18 OF 18

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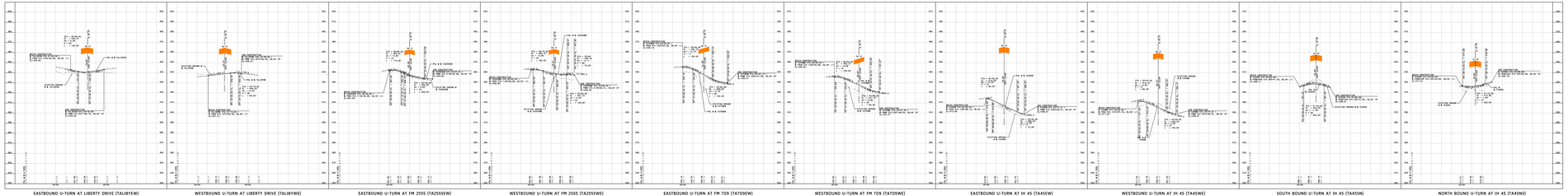
Texas Department of Transportation

DATE SUBMITTED: SEPTEMBER, 2014

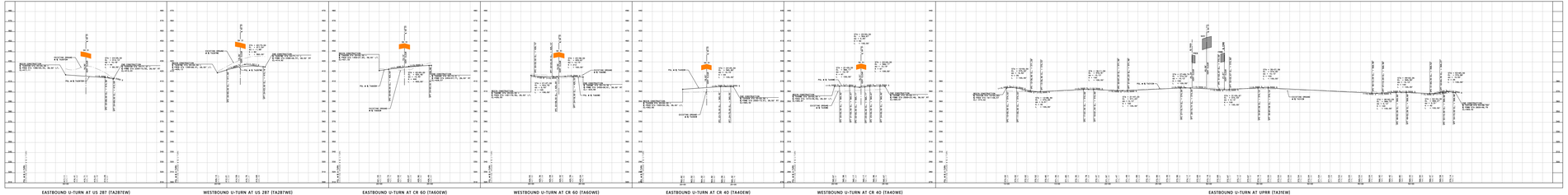
DATE REVIEWED:

DATE APPROVED:

PREPARED BY: Kimley»Horn
9400 N. CENTRAL EXPY., STE. 1300
DALLAS, TEXAS 75231
PHONE: (214) 369-2100
FIRM REGISTRATION NO. F-928



EASTBOUND U-TURN AT LIBERTY DRIVE (TA1LBYEW) | WESTBOUND U-TURN AT LIBERTY DRIVE (TA1LBYWE) | EASTBOUND U-TURN AT FM 2555 (TA2555EW) | WESTBOUND U-TURN AT FM 2555 (TA2555WE) | EASTBOUND U-TURN AT FM 709 (TA709EW) | WESTBOUND U-TURN AT FM 709 (TA709WE) | EASTBOUND U-TURN AT IH 45 (TA45EW) | WESTBOUND U-TURN AT IH 45 (TA45WE) | SOUTH BOUND U-TURN AT IH 45 (TA45SN) | NORTH BOUND U-TURN AT IH 45 (TA45NS)



EASTBOUND U-TURN AT US 287 (TA287EW) | WESTBOUND U-TURN AT US 287 (TA287WE) | EASTBOUND U-TURN AT CR 60 (TA60EW) | WESTBOUND U-TURN AT CR 60 (TA60WE) | EASTBOUND U-TURN AT CR 40 (TA40EW) | WESTBOUND U-TURN AT CR 40 (TA40WE) | EASTBOUND U-TURN AT UPRR (TA3TEW)

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