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 FRONTAGE ROADS = 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 TRAFFICS 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

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ROLL 2: MAINLANE PLAN AND PROFILE
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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
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ROLL 15: CROSS STREET & RAMP PROFILES
ROLL 16: RAMP PROFILES
ROLL 17: RAMP PROFILES
ROLL 18: U-TURN PROFILES

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DATE: SEPTEMBER, 2014

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ROLL 11 OF 18

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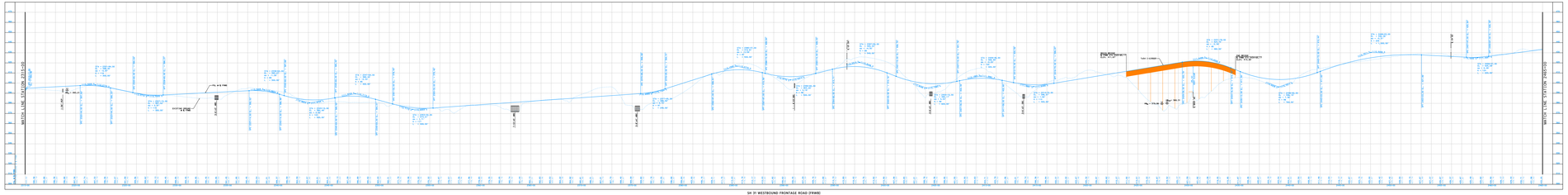
Texas Department of Transportation

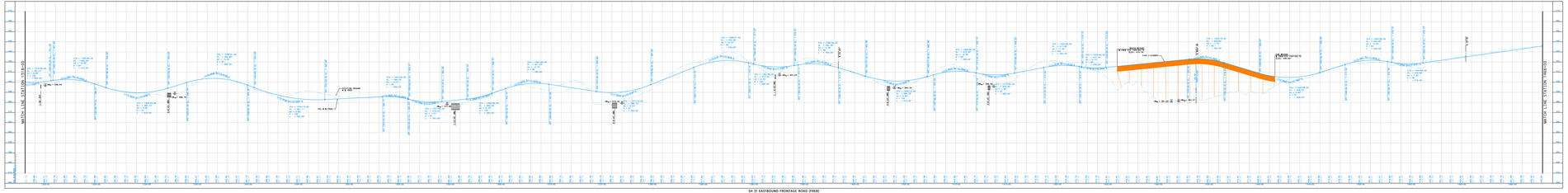
DATE SUBMITTED
SEPTEMBER, 2014

DATE REVIEWED

DATE APPROVED

PREPARED BY:
Kimley»Horn
ONE MILLION SQ. FT. OF EXCELLENCE
4828 LOOP CENTRAL DRIVE, SUITE 700
HOUSTON, TEXAS 77081-2622
PHONE: (713) 830-9600
TBPE FIRM REGISTRATION #696





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