TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

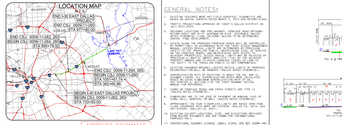
DESIGN SCHEMATIC
THE I-30 EAST DALLAS PROJECT
FERGUSON ROAD TO BASS PRO DRIVE
DALLAS COUNTY, TEXAS
CSJ'S: 0009-11-260, 262, 263, 264, 269

APRIL 2024
ROL 3 OF 11

CRITERIA	LANE WIDTH
FUNCTIONAL CLASS	INTERSTATE
AVERAGE DAILY TRAFFIC	172,700 (2022)
DESIGN HOURLY VOLUME	17,270
DESIGN SPEED	55 MPH
MAINLANES LANE	12 MPH
MAINLANES SHOULDER	10 MPH
FRONTAGE ROADS MAINLANES	12 MPH
FRONTAGE ROADS SHOULDER	10 MPH
FRONTAGE ROADS CONNECTIONS	12 MPH

NAME	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
I-30	55 MPH	INTERSTATE
FER GUSON	35 MPH	MINOR COLLECTOR
ST FRANCIS	35 MPH	MINOR COLLECTOR
BUCKNER	35 MPH	MINOR COLLECTOR
BIG TOWN	35 MPH	MINOR COLLECTOR
MOTLEY	30 MPH	MINOR COLLECTOR

LOCATION MAP



DALLAS COUNTY, TEXAS

APPROVED SCHEMATIC
NOT FOR CONSTRUCTION

THE SCHEMATIC SHOWN HEREIN WAS DEVELOPED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS AND CRITERIA ADOPTED FOR THE PROJECT.

CHARLES M. BRUSH
P.E. 102 NO. 102 STATE OF TEXAS

DATE SUBMITTED: April 30, 2024

DATE APPROVED: April 30, 2024

halff
HALFF ASSOCIATES, INC.
TBPE FIRM NO. F-1948
TBPLS FIRM NO. 10029600

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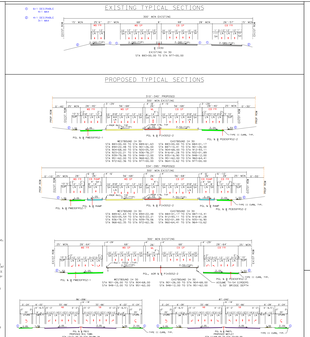
LEGEND



GENERAL NOTES:

1. EXISTING SECTIONS WERE DEVELOPED FROM FIELD SURVEYS, TRANSPORTED ROW MAPS, AERIAL PHOTOGRAPHS AND ROADWAY PLANS.
2. TRAFFIC PROJECTIONS APPROVED BY TRADOT'S DALLAS DISTRICT ON 04/04/2024.
3. THE PROPOSED PAVEMENT DESIGN WAS DEVELOPED BASED ON THE TRADOT'S PAVEMENT DESIGN GUIDELINES. THE PAVEMENT DESIGN WAS DEVELOPED BY THE TRADOT'S DALLAS DISTRICT PAVEMENT ENGINEER.
4. THE PROPOSED PAVEMENT DESIGN WAS DEVELOPED BASED ON THE ESTIMATED TRAFFIC PROJECTIONS. THE PAVEMENT DESIGN WILL BE REVIEWED AND MODIFIED, IF NECESSARY, BASED ON THE FINAL TRAFFIC PROJECTIONS.
5. THE PROPOSED PAVEMENT DESIGN WAS DEVELOPED BASED ON THE EXISTING PAVEMENT CONDITIONS. THE PAVEMENT DESIGN WILL BE REVIEWED AND MODIFIED, IF NECESSARY, BASED ON THE FINAL PAVEMENT CONDITIONS.
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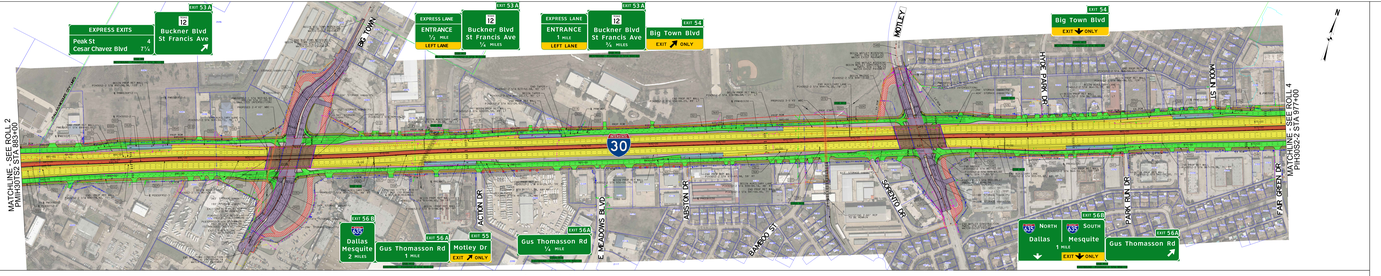
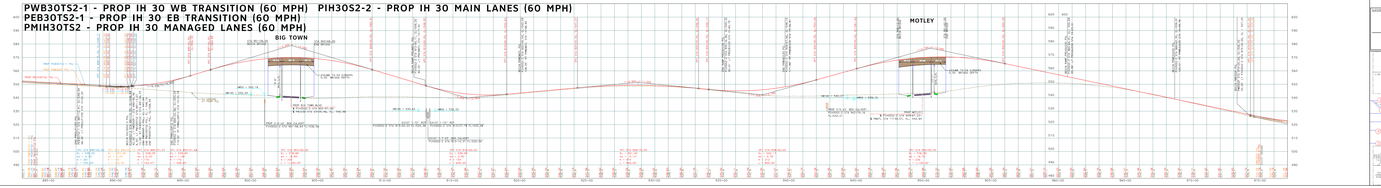
EXISTING TYPICAL SECTIONS

PROPOSED TYPICAL SECTIONS



PWB30TS2-1 - PROP IH 30 WB TRANSITION (60 MPH) PIH30S2-2 - PROP IH 30 MAIN LANES (60 MPH)
PEB30TS2-1 - PROP IH 30 EB TRANSITION (60 MPH)
PMIH30TS2 - PROP IH 30 MANAGED LANES (60 MPH)



HORIZONTAL ALIGNMENT DATA

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