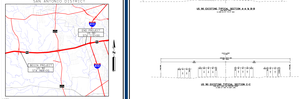
TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT
I-10 IH IMPROVEMENTS
TEXAS CENTRAL RAILROAD

LIMITS: TEXAS CENTRAL RAILROAD
PROJECT: S.H.47 (BOERNE STAGE RD) (BRF-08-159, CSJ 0047-08-159)
LENGTH: 0.25 MILES
OFFICE OF ENGINEER
SAN ANTONIO DISTRICT



NOTES:

1. ALL BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204), NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) EPOCH 2010.00, AS OBSERVED ON DECEMBER, 2014.

2. COORDINATES AND DISTANCES ARE ON SURFACE VALUES, EXPRESSED IN METRIC VALUES DERIVED FROM THE FOLLOWING FORMULA: GRID X 1.00017 = SURFACE. SURFACE ADJUSTMENT FACTOR = 1.00017.

NOTE: ORIENTATION ARE BASED ON THE FOLLOWING CONTINUOUS OPERATING REFERENCE STATION (CORS) STATIONS:

1. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, (NAVD 1988). (EXCITING LEVELS WERE APPLIED TO THE NORTH AMERICAN VERTICAL DATUM, POINT NO. 1001 ELEVATION OF 476.701).

VICINITY MAP: NTS
SURVEY DATE: NTS
COORDINATES: LAT 29 42' 24"N LON 98 26'51.19" W, NAD 1983 (TCSC)
PRELIMINARY OPERATIONAL: NONE
SURVEY DATA: TEXAS CENTRAL ZONE 4204 (NAVD88 (2001))

DESIGN SPEED:	MAINLANE:	70 MPH (URBAN FREELANE)
	CROSSROAD:	50 MPH (URBAN FREELANE)
	FRONTAGE ROAD:	50 MPH (URBAN FREELANE)
CURRENT ADT (2018):		14,700
PROJECTED ADT (2040):		17,500
FUNCTIONAL CLASSIFICATION:		URBAN PRINCIPAL ARTERIAL
PROPOSED DESIGN STANDARDS (MAINLANE):		TEXAS MANUAL ON UNIFORM TRAFFIC DESIGN (MUTDD) CHAPTER 15, SECTION 4 (FREEWAY)
PROPOSED DESIGN STANDARDS (TRAFFIC):		TMUTCD & APPLICABLE TRAFFIC STANDARDS
PLOT SCALE:		1" = 100' (HORIZ.) 1" = 10' (VERT.)

SUBMITTED: _____ DATE: _____
DIRECTOR, TRANSPORTATION PLANNING AND DEVELOPMENT

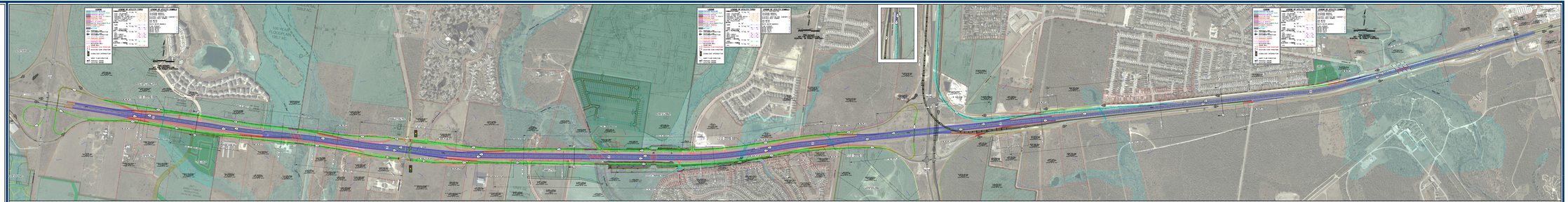
PROJECT MANAGER RECOMMENDED FOR APPROVAL: _____ DATE: _____
TRANSPORTATION PLANNING DIRECTOR APPROVED: _____ DATE: _____

DIRECTOR OF TRANSPORTATION, PLANNING AND DEVELOPMENT: _____ DATE: _____
DISTRICT ENGINEER: _____ DATE: _____
APPROVED "DESIGN DIVISION" LETTER DATED _____
APPROVED "PLACE" LETTER DATED _____

JMT
Texas Department of Transportation
DATA DESIGN | CONSTRUCTION | OPERATIONS

SHEET: 1 OF 1

SUBMITTAL: DRAFT


LEGEND
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING CURB
PROPOSED CURB
EXISTING EDGE OF PAVEMENT
PROPOSED EDGE OF PAVEMENT
EXISTING CONCRETE
PROPOSED CONCRETE
EXISTING ASPHALT
PROPOSED ASPHALT
EXISTING FLOW LINE
PROPOSED FLOW LINE
EXISTING SIGN STRUCTURE
PROPOSED SIGN STRUCTURE
EXISTING LIGHT POLE
PROPOSED LIGHT POLE
EXISTING TRAFFIC SIGNAL
PROPOSED TRAFFIC SIGNAL
EXISTING CONTOUR
PROPOSED CONTOUR
EXISTING FENCE
PROPOSED FENCE
EXISTING CONCRETE BARRIER
PROPOSED CONCRETE BARRIER
EXISTING GUARDRAIL
PROPOSED GUARDRAIL
EXISTING TRAFFIC STRIPE
PROPOSED TRAFFIC STRIPE
EXISTING TRAFFIC SIGNAL
PROPOSED TRAFFIC SIGNAL
EXISTING CULVERT
PROPOSED CULVERT
EXISTING BRIDGE
PROPOSED BRIDGE
EXISTING UTILITY
PROPOSED UTILITY