SUBMITTAL: DRAFT

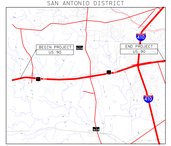
SHEET # 2 OF 4

TEXAS DEPARTMENT OF TRANSPORTATION

# SCHEMATIC LAYOUT
# US 90 IMPROVEMENTS
# BEXAR COUNTY

LIMITS: FROM SH 211 TO MILITARY DRIVE
TxDOT C.S.J.: 0024-07-059 & 0024-08-138
LENGTH: 59720.00 FT = 11.311 MI

OFFICE OF THE DISTRICT ENGINEER
SAN ANTONIO DISTRICT




NOTE:

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 IN DECEMBER, 2015.

2. COORDINATES AND DISTANCES ARE US SURVEY FEET, DISPLAYED IN SURFACE VALUES DERIVED FROM THE FOLLOWING FORMULA: GRID X 1.00017 = SURFACE. SURFACE ADJUSTMENT FACTOR = 0.00017.

3. GPS OBSERVATIONS ARE BASED ON THE FOLLOWING CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS): TXAN, TMPL.

5. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988. (GEOID 12A). EXISTING LEVELS WERE APPLIED TO THE NETWORK HOLDING CONTROL POINT NO. 100'S ELEVATION OF 619.34'.

VICINITY MAPS: NTS
SIGNAL HOLDERS: NONE
ABUTTING US 90 AT IH-410: US BOA 83-51.10 + US BOB 772+28.98
RAILROAD CROSSINGS: NONE
SURVEY DATA: TEXAS CENTRAL ZONE #4204 (BEXAR COUNTY)

| | | |
|---|---|---|
| DESIGN SPEED: | MAINLANE | 70 MPH (URBAN) (ROLLING) |
| | RAMP | 45 MPH (URBAN) (ROLLING) |
| | FRONTAGE ROAD | 50 MPH (URBAN) (ROLLING) |
| CURRENT ADT(2016): | | 49,700 |
| PROJECTED ADT(2045): | | 113,800 |
| FUNCTIONAL CLASSIFICATION: | | URBAN PRINCIPAL ARTERIAL |
| PROPOSED DESIGN STANDARDS(STRUCTURES): | | AASHTO |
| PROPOSED DESIGN STANDARDS(ROADWAY): | | TxDOT ROADWAY DESIGN MANUAL CHAPTER 3, HS,SECTION 4b FREEWAYS |
| PROPOSED DESIGN STANDARDS(TRAFFIC): | | TMUTCD & APPLICABLE TRAFFIC STANDARDS |
| PLOT SCALE: | | 1"=200' (HORIZ.) 1"=20' (VERT.) |

SUBMITTED: _____, 2020 CORRECT: _____, 2020

PROJECT MANAGER RECOMMENDED FOR APPROVAL: _____, 2020

TRANSPORTATION PLANNING DIRECTOR APPROVED: _____, 2020

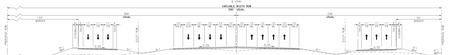
DIRECTOR OF TRANSPORTATION PLANNING AND DEVELOPMENT

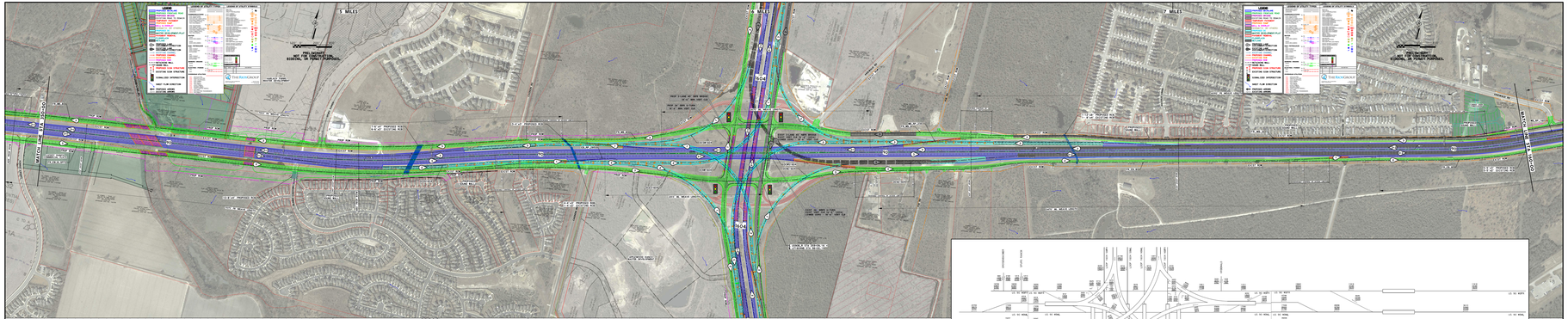
DISTRICT ENGINEER
APPROVED: DESIGN DIVISION LETTER DATED
APPROVED: F.H.W.A. LETTER DATED

JMT TBPE REGISTRATION NO. F-1846

Texas Department of Transportation

© 2020 by Texas Department of Transportation, 2020-2020, all rights reserved.




LEGEND
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED BRIDGE
PROPOSED RETAINING WALL
PROPOSED CONCRETE PAVEMENT
PROPOSED ASPHALT PAVEMENT
PROPOSED CONCRETE PAVEMENT
PROPOSED ASPHALT PAVEMENT
EXISTING CONCRETE PAVEMENT
EXISTING ASPHALT PAVEMENT
EXISTING CONCRETE PAVEMENT
EXISTING ASPHALT PAVEMENT
TEMPORARY CONCRETE PAVEMENT
TEMPORARY ASPHALT PAVEMENT
TEMPORARY CONCRETE PAVEMENT
TEMPORARY ASPHALT PAVEMENT
TEMPORARY RIGHT OF WAY
TEMPORARY RIGHT OF WAY
TEMPORARY RIGHT OF WAY