SCHEMATIC: ROLL 1 OF 1

# TEXAS DEPARTMENT OF TRANSPORTATION

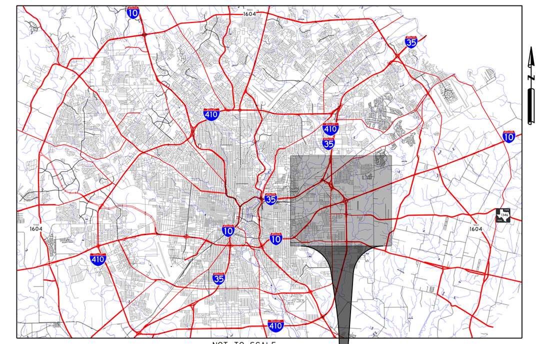
## SCHEMATIC LAYOUT

## IH 410 AND IH 10

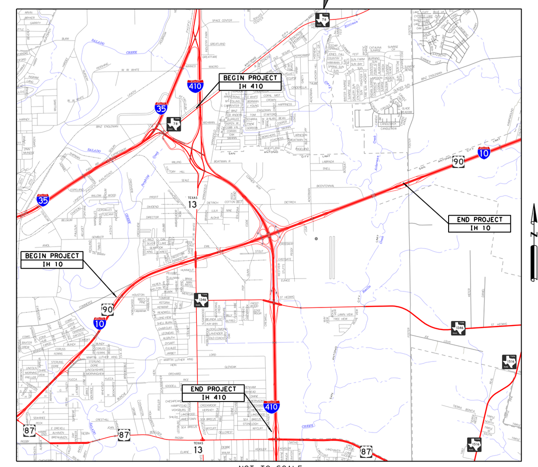
## BEXAR COUNTY

LIMITS: AT IH 10 E
C-S-J: 0521-06-138
LENGTH: 24,742.08 FT = 4.686 MI

OFFICE OF THE DISTRICT ENGINEER
SAN ANTONIO DISTRICT



NOT TO SCALE



NOT TO SCALE

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 MARCH, 2014.

2. COORDINATES AND DISTANES ARE U.S. SURVEY FEET AND ARE DISPLAYED IN SURFACE VALUES BASED ON A SURFACE ADJUSTMENT FACTOR OF 1.00017 AND APPLIED BY THE FOLLOWING FORMULA: GRID X 1.00017 = SURFACE.

3. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID12A). DIGITAL LEVELS WERE APPLIED TO THE NETWORK HOLDING THE TXDOT PUBLISHED ELEVATION VALUES OF EXISTING CONTROL MONUMENTS Z0151275, H0150152, Z0150744, AND Z0152019.

| | | |
|---|---|---|
| DESIGN SPEED: | MAINLANE | 60 MPH (URBAN)(LEVEL) |
| | DIRECT CONNECTOR | 50 MPH (URBAN)(LEVEL) |
| | RAMP | 50 MPH (URBAN)(LEVEL) |
| | FRONTAGE ROAD | 45 MPH (URBAN)(LEVEL) |
| CURRENT ADT(2010): | | 67,900 |
| PROJECTED ADT(2030): | | 100,300 |
| PROJECTED ADT(2040): | | 111,700 |
| FUNCTIONAL CLASSIFICATION: | | URBAN INTERSTATE |
| PROPOSED DESIGN STANDARDS(STRUCTURES): | | LRFD |
| PROPOSED DESIGN STANDARDS(ROADWAY): | | ROADWAY DESIGN MANUAL CHAPTER 3; 4R, SECTION 6; FREEWAYS |
| PROPOSED DESIGN STANDARDS(TRAFFIC): | | TMUTCD & APPLICABLE TRAFFIC STANDARDS |
| PLOT SCALE: | | 1":200' (HORZ.) |

SUBMITTED:

____________________, 2017

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PROJECT MANAGER

KENNEDY CONSULTING
A JMT Company TBPE REG. NO. F-926

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
KENNEDY CONSULTING
TBPE REG. # F-926
ENGINEER ROBERT A. ESTES, P.E.
P.E. NO. 107283 DATE 4/5/2018

CORRECT:

____________________, 2017

____________________
TRANSPORTATION PLANNING DIRECTOR

RECOMMENDED FOR APPROVAL:

____________________, 2017

____________________
DIRECTOR OF TRANSPORTATION, PLANNING AND DEVELOPMENT

APPROVED:

____________________, 2017

____________________
DISTRICT ENGINEER

____________________
APPROVED: DESIGN DIVISION LETTER DATED

____________________
APPROVED: F.H.W.A. LETTER DATED

Texas Department of Transportation

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DRAWING DATE: 4/5/2018 FILENAME: $FILE$