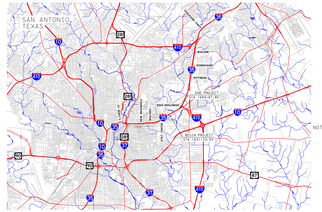
TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT

IH 35

BEXAR COUNTY

LIMITS: FROM 1.2 MI. S OF IH 410 CONNECTOR TO IH 410 CONNECTOR
C-S-J: 0017-10-269
LENGTH: 6354.25 FT = 1.203 MI
OFFICE OF THE DISTRICT ENGINEER
SAN ANTONIO DISTRICT



DESIGN SPEED:	MAINLANE	50 MPH (URBAN) (LEVEL)
	FRONTAGE ROAD	40 MPH (URBAN) (LEVEL)
	RAMP	30 MPH (URBAN) (LEVEL)
CURRENT ADT(2015):		206,500
PROJECTED ADT(2035):		284,000
FUNCTIONAL CLASSIFICATION:		URBAN INTERSTATE
PROPOSED DESIGN STANDARDS(STRUCTURES):		LRFD
PROPOSED DESIGN STANDARDS(ROADWAY):		ROADWAY DESIGN MANUAL CHAPTER 3; 4N, SECTION 6(FREEWAY)
PROPOSED DESIGN STANDARDS(TRAFFIC):		TMUTCD & APPLICABLE TRAFFIC STANDARDS

SUBMITTED:

_____, 2014

PROJECT MANAGER

KENNEDY CONSULTING
TBPE REGISTRATION NO. F-784

PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
KENNEDY CONSULTING
Texas Number F-784
Jay M. Gilbert, Jr. 04/09/14

Texas Department of Transportation®

CORRECT:

_____, 2014

TRANSPORTATION PLANNING DIRECTOR

RECOMMENDED FOR APPROVAL:

_____, 2014

DIRECTOR OF TRANSPORTATION, PLANNING AND DEVELOPMENT

APPROVED:

_____, 2014

DISTRICT ENGINEER

APPROVED: DESIGN DIVISION LETTER DATED

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

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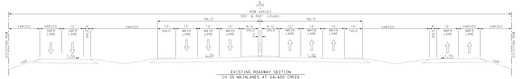
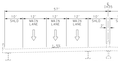
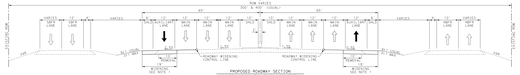
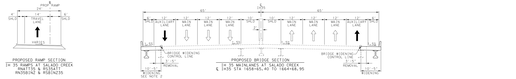
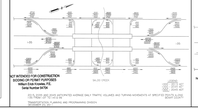
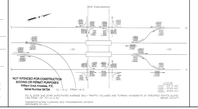












NOTE 1: WIDENING AT ENTRANCE AND EXIT RAMP TAPERS. WIDENING AT RAMP GORE.
NOTE 2: WIDENING AT RAMP TAPER (PROPOSED) WITH TRANSITION TO RAMP GORE.

SUPER ELEVATION TABLE

NOTE: SUPER ELEVATION TRANSITIONS TO BE PER TXDOT STANDARDS

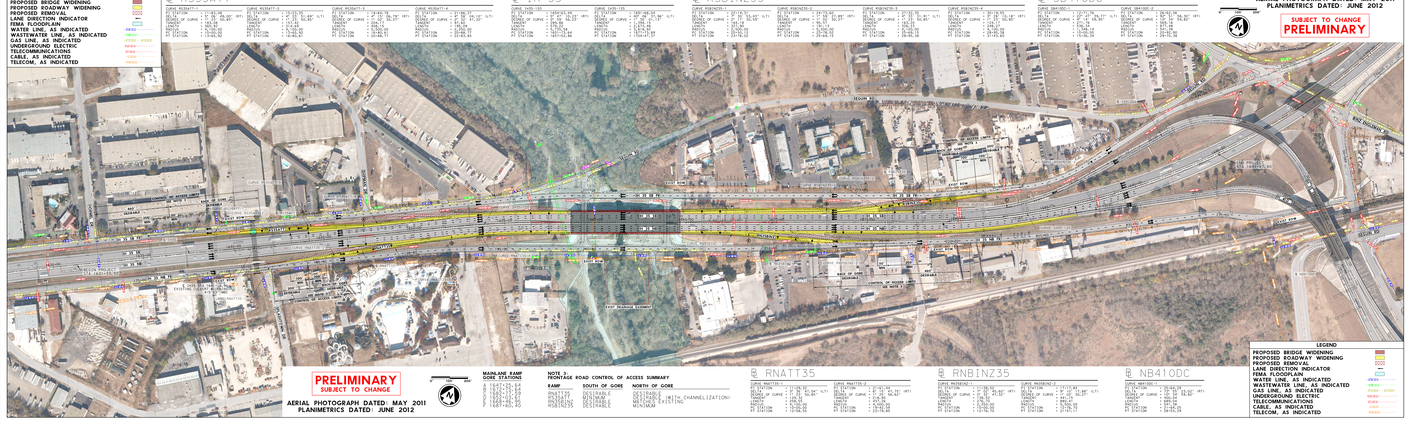
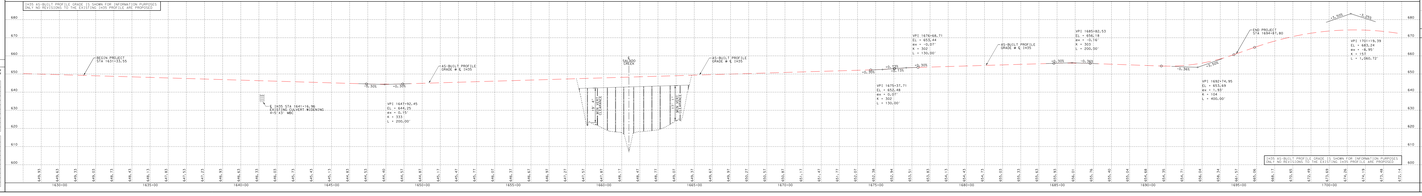
CROSS SLOPE SIGN CONVENTION

RAMP RS35ATT	
STATION	CROSS SLOPE
1+00.00	2.00%
1+00.00	-2.00%
1+00.00	-2.00%
1+00.00	2.00%

RAMP RNATT35	
STATION	CROSS SLOPE
1+00.00	2.00%
1+00.00	-2.00%
1+00.00	-2.00%
1+00.00	2.00%

RAMP RNBINZ35	
STATION	CROSS SLOPE
10+00.00	2.00%
10+00.00	2.00%
10+00.00	2.00%
10+00.00	2.00%

RAMP RNBINZ35	
STATION	CROSS SLOPE
10+00.00	2.00%
10+00.00	2.00%
10+00.00	2.00%
10+00.00	2.00%

MAINLANE IH35 NB	
STATION	CROSS SLOPE
1647+00.00	2.00%
1647+26.56	2.00%
1647+26.56	-2.00%
1649+00.00	-2.00%
1649+68.40	-2.00%
1649+68.40	2.00%
1650+00.00	2.00%
1650+20.00	2.00%
1651+00.00	2.00%

MAINLANE IH35 SB	
STATION	CROSS SLOPE
1644+00.00	2.00%
1644+74.56	2.00%
1644+74.56	-2.00%
1646+00.00	-2.00%
1646+68.40	-2.00%
1646+68.40	2.00%
1647+00.00	2.00%
1647+20.00	2.00%
1648+00.00	2.00%