SHEET 1 OF 5

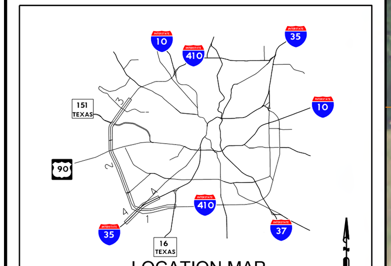
STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION
SAN ANTONIO DISTRICT

PLAN AND PROFILE:
OPEN HOUSE EXHIBIT
FROM: SH 16 TO INGRAM ROAD

STATE-AID PROJECT
410 SW
BEXAR COUNTY
PROJECT NO. NH ( )

CSJ = 0521-05-144 IH 410 FROM SH 16 TO US 90
CSJ = 0521-04-279 IH 410 FROM US 90 TO INGRAM RD.

NET LENGTH OF ROADWAY = 71,127 FT = 13.47 MI
NET LENGTH OF BRIDGE = 4,420 FT = 0.84 MI
NET LENGTH OF PROJECT = 75,547 FT = 14.31 MI



LOCATION MAP
SAN ANTONIO, TEXAS

BEARING BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, NAD83, CENTRAL ZONE AND ADJUSTED TO SURFACE USING PROJECTED SURFACE ADJUSTMENT FACTOR OF 1.00017.

EQUATIONS: NONE

RAILROADS: UPRR (2 CROSSINGS - STA 1609+50 CL "IH410" AND STA 1639+75 CL "IH410"
EXCEPTIONS: NONE

PLAN VIEW LEGEND	
MAIN LANES/RAMPS	(yellow)
FRONTAGE ROAD/INTERSECTION	(green)
DIRECT CONNECTORS	(cyan)
COLLECTOR DISTRIBUTORS	(orange)
SIDEWALK	(magenta)
UNDER CONSTRUCTION SOON	(gray)
FUTURE CONSTRUCTION BY OTHERS	(dashed box)
EXISTING ROADWAY TO BE REMOVED	(hatched)
PROPOSED ROW	(red dashed line)
EXISTING ROW	(black dashed line)
PROPOSED LANE DIRECTION	(arrow symbol)
RETAINING WALL (RW)	(blue line)
PROPOSED WIDENING	(orange dashed line)

CONCURRENCE: ____________________ , 2016

APPROVED: TXDOT DESIGN DIVISON LETTER DATED

APPROVED: FHWA LETTER DATED

SUBMITTED FOR APPROVAL: ____________________ , 2016

TRANSPORTATION PLANNING DIRECTOR

APPROVED: ____________________ , 2016

DIRECTOR OF TRANSPORTATION PLANNING AND DEVELOPMENT

APPROVED: ____________________ , 2016

DISTRICT ENGINEER

SUBMITTED BY:

CORRECT: ____________________ , 2016

BRYCE M. TURENTINE, PE

HNTB

HNTB CORPORATION
THE HNTB COMPANIES
ENGINEERS ARCHITECTS PLANNERS
130 E. TRAVIS, SUITE 200
SAN ANTONIO, TX 78205
(210) 349-2277

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Engineer: BRYCE M. TURENTINE
P.E. Serial No.: 91200
Date: 11/22/2016

SH16 TO IH 35
PROJECTED ADT: 58,100 (2025)
PROJECTED ADT: 86,700 (2055)
FUNCTIONAL CLASSIFICATION: URBAN INTERSTATE

IH 35 TO MEDINA BASE ROAD
PROJECTED ADT: 94,400 (2025)
PROJECTED ADT: 140,700 (2055)
FUNCTIONAL CLASSIFICATION: URBAN INTERSTATE

MEDINA BASE ROAD TO US 90
PROJECTED ADT: 134,200 (2025)
PROJECTED ADT: 199,700 (2055)
FUNCTIONAL CLASSIFICATION: URBAN INTERSTATE

US 90 TO SH 151
PROJECTED ADT: 182,900 (2025)
PROJECTED ADT: 272,700 (2055)
FUNCTIONAL CLASSIFICATION: URBAN INTERSTATE

SH 151 TO INGRAM
PROJECTED ADT: 253,900 (2025)
PROJECTED ADT: 378,300 (2055)
FUNCTIONAL CLASSIFICATION: URBAN INTERSTATE

DATE: NOVEMBER 2016

SCALE: 1":200' H
1":20' V

DESIGN SPEED:

MAIN LANES	60 MPH
FRONTAGE ROADS	35 MPH
DIRECT CONNECTORS	35-45 MPH
COLLECTOR DISTRIBUTORS	35 MPH
RAMPS	35 MPH
CROSS STREETS	30 MPH

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SHEET 2 OF 5

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION
SAN ANTONIO DISTRICT

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FROM: SH 16 TO INGRAM ROAD

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410 SW
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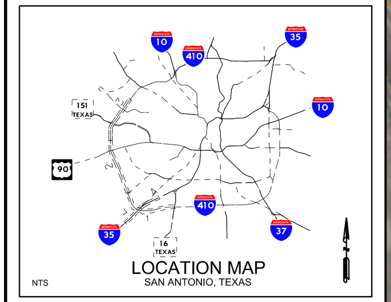

LOCATION MAP
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EQUATIONS: NONE

RAILROADS: UPRR (2 CROSSINGS - STA 1609+50 CL "IH410" AND STA 1639+75 CL "IH410"

EXCEPTIONS: NONE

PLAN VIEW LEGEND
- MAIN LANES/RAMPS
- FRONTAGE ROAD/INTERSECTION
- DIRECT CONNECTORS
- COLLECTOR DISTRIBUTORS
- SIDEWALK
- UNDER CONSTRUCTION SOON
- FUTURE CONSTRUCTION BY OTHERS
- EXISTING ROADWAY TO BE REMOVED
- PROPOSED ROW
- EXISTING ROW
- PROPOSED LANE DIRECTION
- RETAINING WALL (RW)
- PROPOSED WIDENING

CONCURRENCE: ____________________ ,2016

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APPROVED: FHWA LETTER DATED

SUBMITTED FOR APPROVAL: ____________________ , 2016

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TRANSPORTATION PLANNING DIRECTOR

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DIRECTOR OF TRANSPORTATION PLANNING AND DEVELOPMENT

APPROVED: ____________________ ,2016

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DATE: NOVEMBER 2016

SCALE: 1":200' H
1":20' V

DESIGN SPEED:

MAIN LANES	60 MPH
FRONTAGE ROADS	35 MPH
DIRECT CONNECTORS	35-45 MPH
COLLECTOR DISTRIBUTORS	35 MPH
RAMPS	35 MPH
CROSS STREETS	30 MPH

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SHEET 3 OF 5

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STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION
SAN ANTONIO DISTRICT

PLAN AND PROFILE:
OPEN HOUSE EXHIBIT
FROM: SH 16 TO INGRAM ROAD

STATE-AID PROJECT
410 SW
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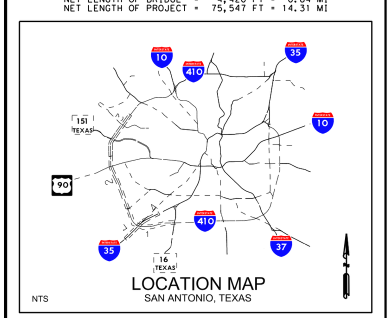

NTS
LOCATION MAP
SAN ANTONIO, TEXAS

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EQUATIONS: NONE

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MAIN LANES/RAMPS	(yellow)
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UNDER CONSTRUCTION SOON	(grey)
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TO BE REMOVED	
PROPOSED ROW	(red dash-dot)
EXISTING ROW	(black dash-dot)
PROPOSED LANE DIRECTION	(arrow)
RETAINING WALL (RW)	(blue line)
PROPOSED WIDENING	(orange dash)

CONCURRENCE: ______________________________, 2016

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APPROVED: TXDOT DESIGN DIVISON LETTER DATED

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SOUTHBOUND
410
S-AUX
151
TEXAS
TRUCK BY PORCES
SOUTH TEXAS RANCH ROAD
FALCON HILLS
NW MILITARY HWY
VAN ROSS BOULEVARD
LEON CREEK
COLE BRIA ROAD
NORTH LEGEND
SOUTH LEGEND

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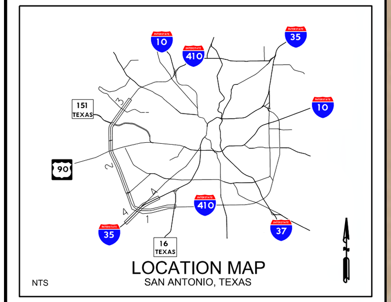

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