TEXAS DEPARTMENT OF TRANSPORTATION

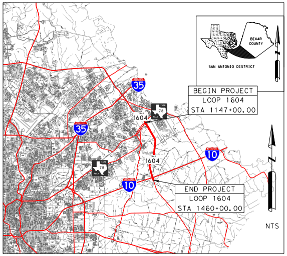
SCHEMATIC LAYOUT

LOOP 1604

BEXAR COUNTY

LIMITS: FROM FM 78 TO I-10 EAST
TxDOT C.S.J.: 2452-03-111
LENGTH: 31,300 FT = 5.928 MI

OFFICE OF THE DISTRICT ENGINEER
SAN ANTONIO DISTRICT


BEXAR COUNTY
SAN ANTONIO DISTRICT
BEGIN PROJECT
LOOP 1604
STA 1147+00.00
35
1604
78
35
10
1604
78
10
END PROJECT
LOOP 1604
STA 1460+00.00
N
NTS

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 = 1.00017.

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

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

VICINITY MAP: NTS
EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROAD CROSSINGS: UPRR
SURVEY DATA: TEXAS SOUTH CENTRAL ZONE #4204 (BEXAR COUNTY)

DESIGN SPEED:	MAINLANE	65 MPH (URBAN)(ROLLING)
	RAMP	50 MPH (URBAN)(ROLLING)
	FRONTAGE ROAD	45 MPH (URBAN)(ROLLING)

CURRENT ADT(2020):	50,700
PROJECTED ADT(2040):	70,900
PROJECTED ADT(2050):	79,750
FUNCTIONAL CLASSIFICATION:	URBAN PRINCIPAL ARTERIAL
PROPOSED DESIGN STANDARDS(STRUCTURES):	LRFD
PROPOSED DESIGN STANDARDS(ROADWAY):	TXDOT ROADWAY DESIGN MANUAL CHAPTER 3; 4R, SECTION 6; FREEWAYS
PROPOSED DESIGN STANDARDS(TRAFFIC):	TMUTCD & APPLICABLE TRAFFIC STANDARDS
PLOT SCALE:	1"=100' (HORIZ.) 0 50 100

SUBMITTED:

________________, 2018

PROJECT MANAGER

RECOMMENDED FOR APPROVAL:

________________, 2018

DIRECTOR OF TRANSPORTATION,
PLANNING AND DEVELOPMENT

CORRECT:

________________, 2018

TRANSPORTATION PLANNING DIRECTOR

APPROVED:

________________, 2018

DISTRICT ENGINEER

APPROVED: DESIGN DIVISION LETTER DATED

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

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES
KCI KENNEDY CONSULTING
A JMT Company TBPE REG. # F-926
ENGINEER MICHAEL C. MAZOCH
P.E. NO. 99538 DATE 10/29/2018

KCI KENNEDY CONSULTING
A JMT Company
TBPE REGISTRATION NO. F-926

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Texas Department of Transportation®

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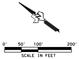
FILENAME: $FILE$
DRAWING DATE: 10/29/2018

SHEET: 1 OF 2

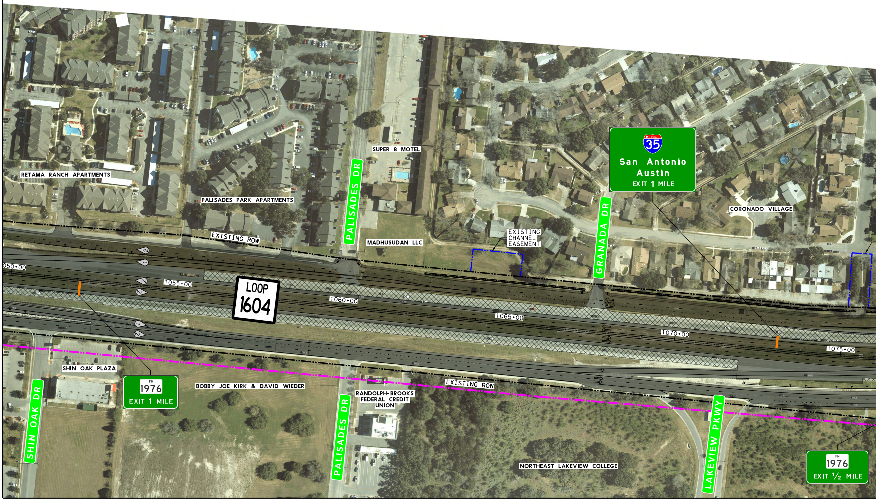
PRELIMINARY

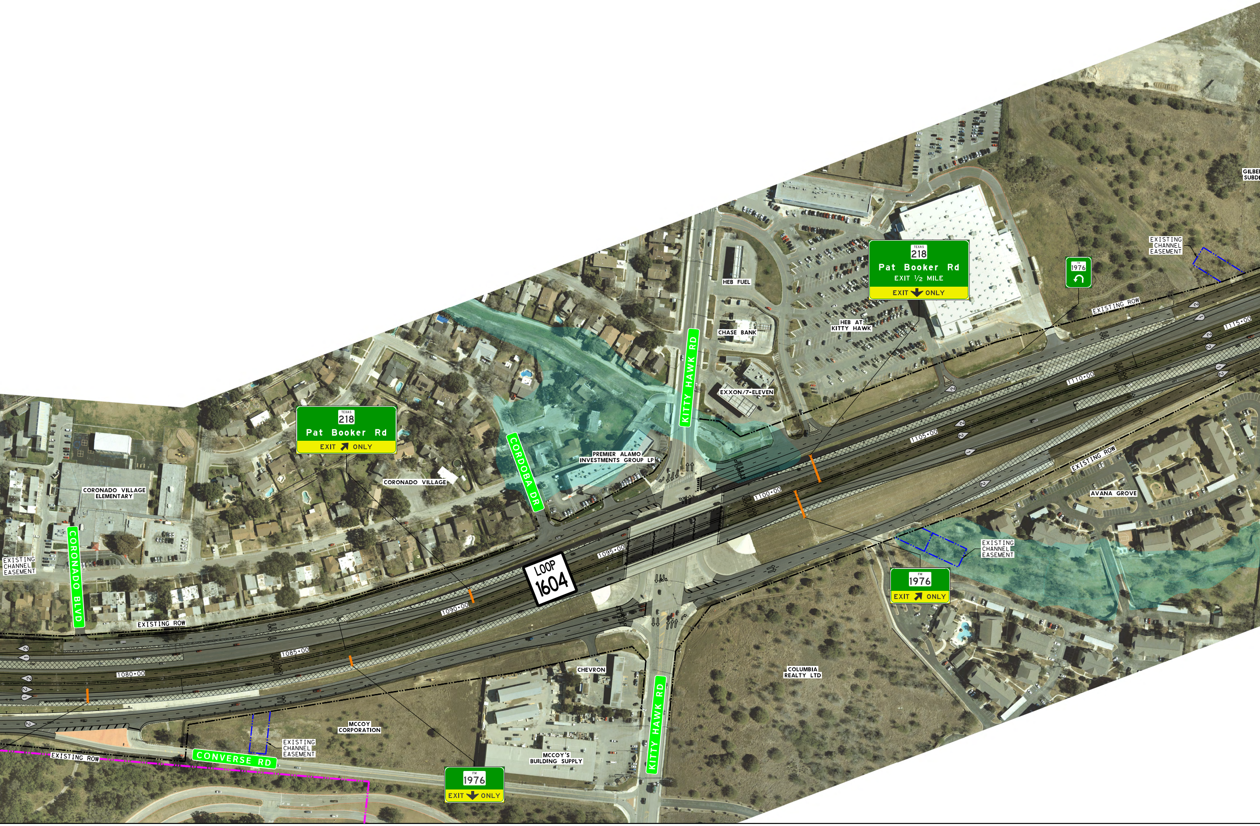
SUBJECT TO CHANGE

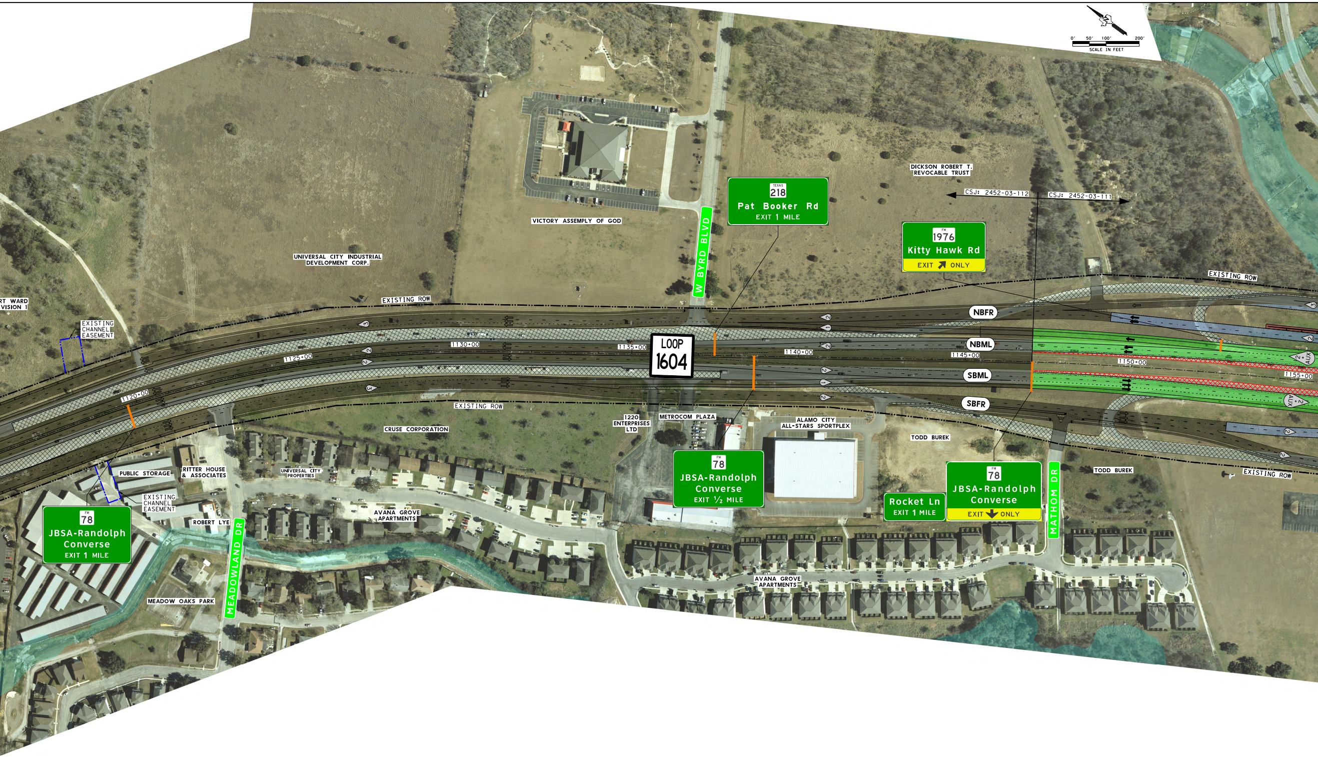

0'
50'
100'
200'
SCALE IN FEET

LEGEND

🟩	MAIN LANES
🟦	FRONTAGE ROADS/DRIVEWAYS
🟥	SIDEWALKS
🟨	CONCRETE MEDIANS
⇨	EXISTING TRAFFIC LANE
➞	PROPOSED TRAFFIC LANE
#	PROPOSED NUMBER OF LANES
▨	EXISTING PAVEMENT TO BE REMOVED
■	WORK DONE IN PREVIOUS PHASE
▨	EXISTING PAVEMENT REMOVED DURING PREVIOUS PHASE
╌	PROPOSED RETAINING WALL
╌	CITY LIMITS
╌	EXISTING ROW
╌	EXISTING DRAINAGE EASEMENT
╌	PROPOSED ROW
🟦	FLOOD PLAIN


RETAMA RANCH APARTMENTS
PALISADES PARK APARTMENTS
SUPER 8 MOTEL
PALISADES DR
MADHUSUDAN LLC
EXISTING ROW
35
San Antonio
Austin
EXIT 1 MILE
GRANADA DR
EXISTING CHANNEL EASEMENT
CORONADO VILLAGE
1050+00
1055+00
LOOP 1604
1060+00
1065+00
1070+00
1075+00
SHIN OAK PLAZA
FM 1976
EXIT 1 MILE
BOBBY JOE KIRK & DAVID WIEDER
EXISTING ROW
RANDOLPH-BROOKS FEDERAL CREDIT UNION
SHIN OAK DR
PALISADES DR
NORTHEAST LAKEVIEW COLLEGE
LAKEVIEW PKWY
FM 1976
EXIT ½ MILE

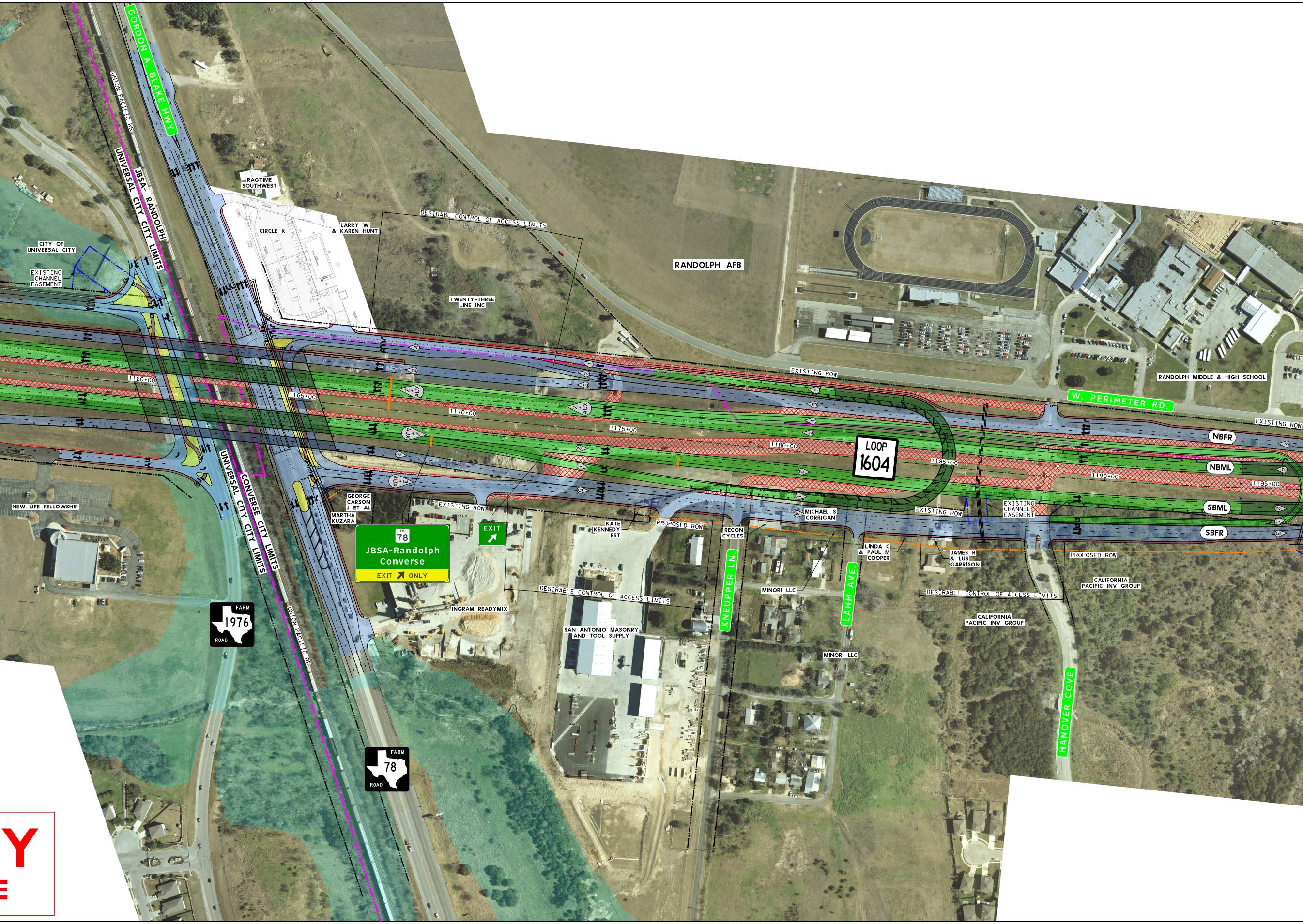

GILBER
SUBDI
EXISTING CHANNEL EASEMENT
1976
TEXAS 218
Pat Booker Rd
EXIT 1/2 MILE
EXIT ONLY
HEB FUEL
CHASE BANK
HEB AT KITTY HAWK
EXISTING ROW
1115+00
1110+00
EXXON/7-ELEVEN
KITTY HAWK RD
1105+00
EXISTING ROW
AVANA GROVE
PREMIER ALAMO INVESTMENTS GROUP LP
CORDOBA DR
TEXAS 218
Pat Booker Rd
EXIT ONLY
CORONADO VILLAGE
CORONADO VILLAGE ELEMENTARY
CORONADO BLVD
EXISTING CHANNEL EASEMENT
1100+00
1095+00
LOOP 1604
EXISTING CHANNEL EASEMENT
FM 1976
EXIT ONLY
1090+00
EXISTING ROW
1085+00
1080+00
CHEVRON
COLUMBIA REALTY LTD
MCCOY CORPORATION
EXISTING CHANNEL EASEMENT
CONVERSE RD
EXISTING ROW
MCCOY'S BUILDING SUPPLY
KITTY HAWK RD
FM 1976
EXIT ONLY

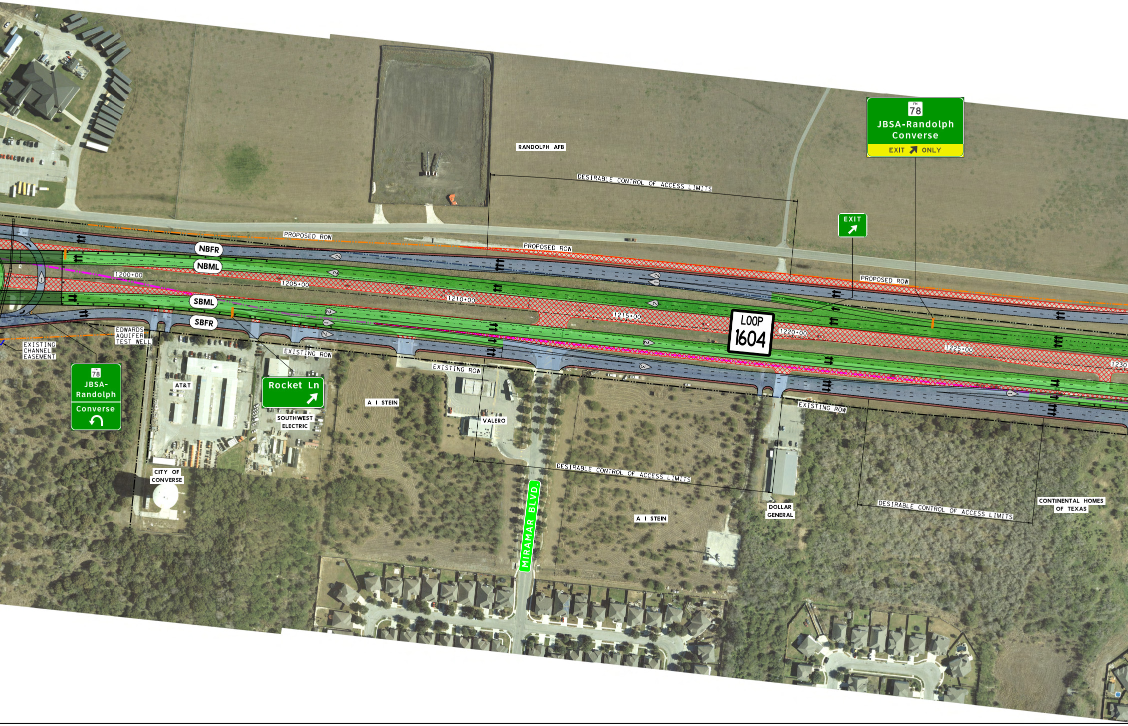


0' 50' 100' 200'
SCALE IN FEET
TEXAS 218
Pat Booker Rd
EXIT 1 MILE
FM 1976
Kitty Hawk Rd
EXIT ONLY
DICKSON ROBERT T. REVOCABLE TRUST
CSJ: 2452-03-112
CSJ: 2452-03-111
VICTORY ASSEMPLY OF GOD
UNIVERSAL CITY INDUSTRIAL DEVELOPMENT CORP.
W BYRD BLVD
EXISTING ROW
RT WARD VISION 1
EXISTING CHANNEL EASEMENT
NBFR
NBML
SBML
SBFR
LOOP 1604
1120+00
1125+00
1130+00
1135+00
1140+00
1145+00
1150+00
1155+00
EXISTING ROW
CRUSE CORPORATION
1220 ENTERPRISES LTD
METROCOM PLAZA
ALAMO CITY ALL-STARS SPORTPLEX
TODD BUREK
TODD BUREK
EXISTING ROW
PUBLIC STORAGE
RITTER HOUSE & ASSOCIATES
UNIVERSAL CITY PROPERTIES
EXISTING CHANNEL EASEMENT
FM 78
JBSA-Randolph
Converse
EXIT 1 MILE
ROBERT LYE
MEADOWLAND DR
AVANA GROVE APARTMENTS
FM 78
JBSA-Randolph
Converse
EXIT ½ MILE
Rocket Ln
EXIT 1 MILE
FM 78
JBSA-Randolph
Converse
EXIT ONLY
MATHOM DR
AVANA GROVE APARTMENTS
MEADOW OAKS PARK

PRELIMINAR

SUBJECT TO CHANG


GORDON A. BLAKE HWY
UNION PACIFIC RR
JBSA- RANDOLPH
UNIVERSAL CITY CITY LIMITS
RAGTIME SOUTHWEST
CIRCLE K
LARRY W & KAREN HUNT
DESIRABL CONTROL OF ACCESS LIMITS
RANDOLPH AFB
TWENTY-THREE LINE INC
CITY OF UNIVERSAL CITY
EXISTING CHANNEL EASEMENT
1160+00
1165+00
1170+00
1175+00
1180+00
1185+00
1190+00
1195+00
2 AUX
3 AUX
EXISTING ROW
W. PERIMETER RD.
RANDOLPH MIDDLE & HIGH SCHOOL
LOOP 1604
NBFR
NBML
SBML
SBFR
EXISTING CHANNEL EASEMENT
NEW LIFE FELLOWSHIP
UNIVERSAL CITY CITY LIMITS
CONVERSE CITY LIMITS
GEORGE CARSON J ET AL
MARTHA KUZARA
FM 78
JBSA-Randolph
Converse
EXIT ↗ ONLY
EXIT ↗
KATE KENNEDY EST
PROPOSED ROW
RECON CYCLES
MICHAEL S CORRIGAN
LINDA C & PAUL M COOPER
JAMES R & LUS GARRISON
PROPOSED ROW
CALIFORNIA PACIFIC INV GROUP
MINORI LLC
DESIRABLE CONTROL OF ACCESS LIMITS
INGRAM READYMIX
SAN ANTONIO MASONRY AND TOOL SUPPLY
KNEUPPER LN.
LAHM AVE.
DESIRABLE CONTROL OF ACCESS LIMITS
CALIFORNIA PACIFIC INV GROUP
MINORI LLC
HANOVER COVE
FARM 1976 ROAD
UNION PACIFIC RR
FARM 78 ROAD
Y
E

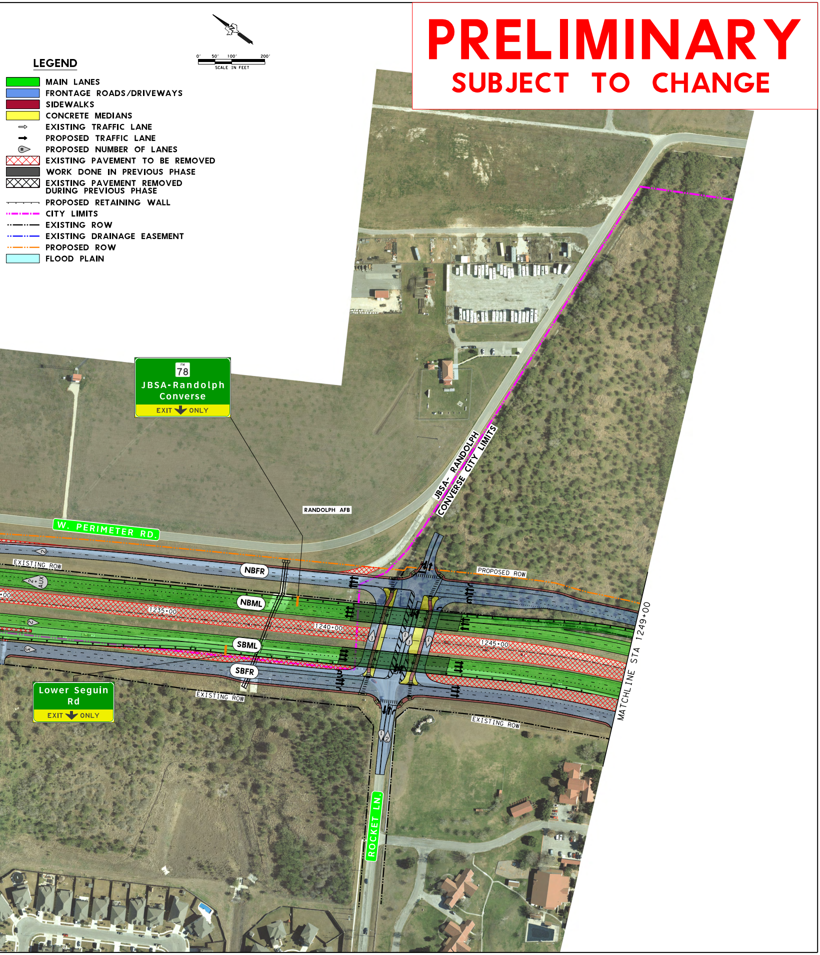

RANDOLPH AFB
DESIRABLE CONTROL OF ACCESS LIMITS
FM 78
JBSA-Randolph
Converse
EXIT ONLY
EXIT
PROPOSED ROW
PROPOSED ROW
PROPOSED ROW
NBFR
NBML
SBML
SBFR
1200+00
1205+00
1210+00
1215+00
1220+00
1225+00
1230
LOOP 1604
EDWARDS AQUIFER TEST WELL
EXISTING CHANNEL EASEMENT
FM 78
JBSA-Randolph
Converse
AT&T
Rocket Ln
SOUTHWEST ELECTRIC
EXISTING ROW
EXISTING ROW
EXISTING ROW
A I STEIN
VALERO
MIRAMAR BLVD.
DESIRABLE CONTROL OF ACCESS LIMITS
A I STEIN
DOLLAR GENERAL
DESIRABLE CONTROL OF ACCESS LIMITS
CONTINENTAL HOMES OF TEXAS
CITY OF CONVERSE

PRELIMINARY

SUBJECT TO CHANGE

LEGEND

- 🟩 MAIN LANES
- 🟦 FRONTAGE ROADS/DRIVEWAYS
- 🟥 SIDEWALKS
- 🟨 CONCRETE MEDIANS
- ⇨ EXISTING TRAFFIC LANE
- ➡ PROPOSED TRAFFIC LANE
- # PROPOSED NUMBER OF LANES
- ▨ EXISTING PAVEMENT TO BE REMOVED
- ■ WORK DONE IN PREVIOUS PHASE
- ▨ EXISTING PAVEMENT REMOVED DURING PREVIOUS PHASE
- PROPOSED RETAINING WALL
- CITY LIMITS
- EXISTING ROW
- EXISTING DRAINAGE EASEMENT
- PROPOSED ROW
- FLOOD PLAIN


0' 50' 100' 200'
SCALE IN FEET
FM 78
JBSA-Randolph
Converse
EXIT ONLY
RANDOLPH AFB
JBSA - RANDOLPH
CONVERSE CITY LIMITS
W. PERIMETER RD.
EXISTING ROW
NBFR
NBML
SBML
SBFR
2
2 AUX
2
3
1235+00
1240+00
1245+00
PROPOSED ROW
MATCHLINE STA 1249+00
EXISTING ROW
EXISTING ROW
Lower Seguin
Rd
EXIT ONLY
1
1
1
1
1
2
ROCKET LN.