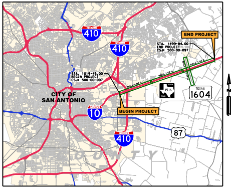
ROLL 3 OF 4

TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT
IH 10
BEXAR COUNTY

LIMITS: IH-410 INTERCHANGE TO LP 1604
C-S-J: 500-00-097
LENGTH: 48,039 FT = 9.1 MILES
STA. 1019+45.00 TO 1499+84.00

OFFICE OF THE DISTRICT ENGINEER
SAN ANTONIO DISTRICT


410
410
END PROJECT
STA. 1499+84.00
END PROJECT
CSJ: 500-00-097
ROLL 3 OF 4
ROLL 2 OF 4
ROLL 1 OF 4
STA. 1019+45.00
BEGIN PROJECT
CSJ: 500-00-097
BEXAR
CITY OF
SAN ANTONIO
1516
TEXAS
1604
10
BEGIN PROJECT
87
410
COUNTY
N

NOT TO SCALE

DESIGN SPEED:	MAINLANE	70 MPH (URBAN)(LEVEL)
	DIRECT CONNECTOR	50 MPH (URBAN)(LEVEL)
	RAMP	40 MPH (URBAN)(LEVEL)
	FRONTAGE ROAD	40 MPH (URBAN)(LEVEL)

FUNCTIONAL CLASSIFICATION: MAINLANES: URBAN INTERSTATE
FRONTAGE ROADS: MINOR COLLECTORS
CROSS STREET: URBAN ARTERIAL

CURRENT ADT(2020): 85,500
PROJECTED ADT(2040): 118,400
PROJECTED ADT(2050): 133,100
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' (HORZ.)
emax: 0.06
DATE: 11/1/2016

APPROVED:

______________________, 2016

JONATHAN BEAN, P.E.
DIRECTOR OF TRANSPORTATION
PLANNING AND DEVELOPMENT
TXDOT SAN ANTONIO DISTRICT

APPROVED:

______________________, 2016

CLAYTON RIPPS, P.E.
ADVANCED TRANSPORTATION PLANNING
TXDOT SAN ANTONIO DISTRICT

APPROVED:

______________________, 2016

MARIO JORGE, P.E.
DISTRICT ENGINEER
TXDOT SAN ANTONIO DISTRICT

Michael Baker
INTERNATIONAL

Michael Baker International
17721 Rogers Ranch Parkway, Suite 250
San Antonio, TX 78258
TBPE Registration No. 2677

SCHEMATIC PREPARED BY:

PRELIMINARY
NOT A BIDDING DOCUMENT

JAIMISON R. SLOBODEN, P.E.
PROJECT MANAGER

120669
P.E. NO.

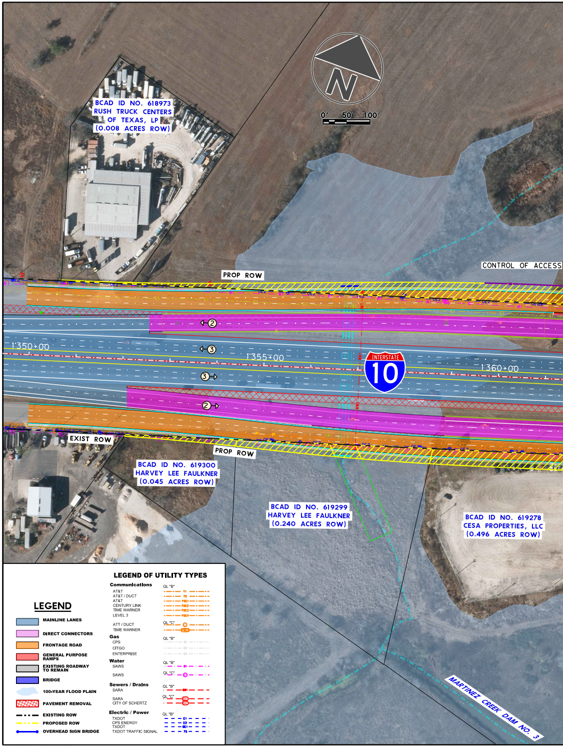
11/1/2016
DATE

APPROVED: BY DESIGN DIVISION
LETTER DATED

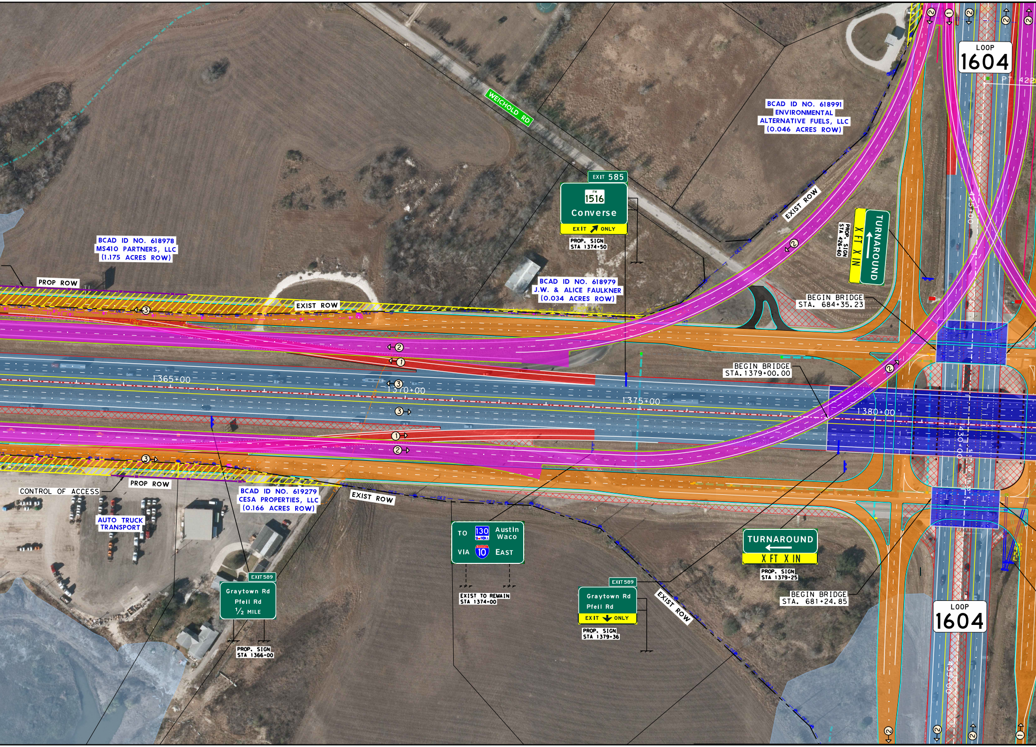
APPROVED: BY F.H.W.A.
LETTER DATED

Texas Department of Transportation

by Texas Department of Transportation; (512)416-2055; all rights reserved

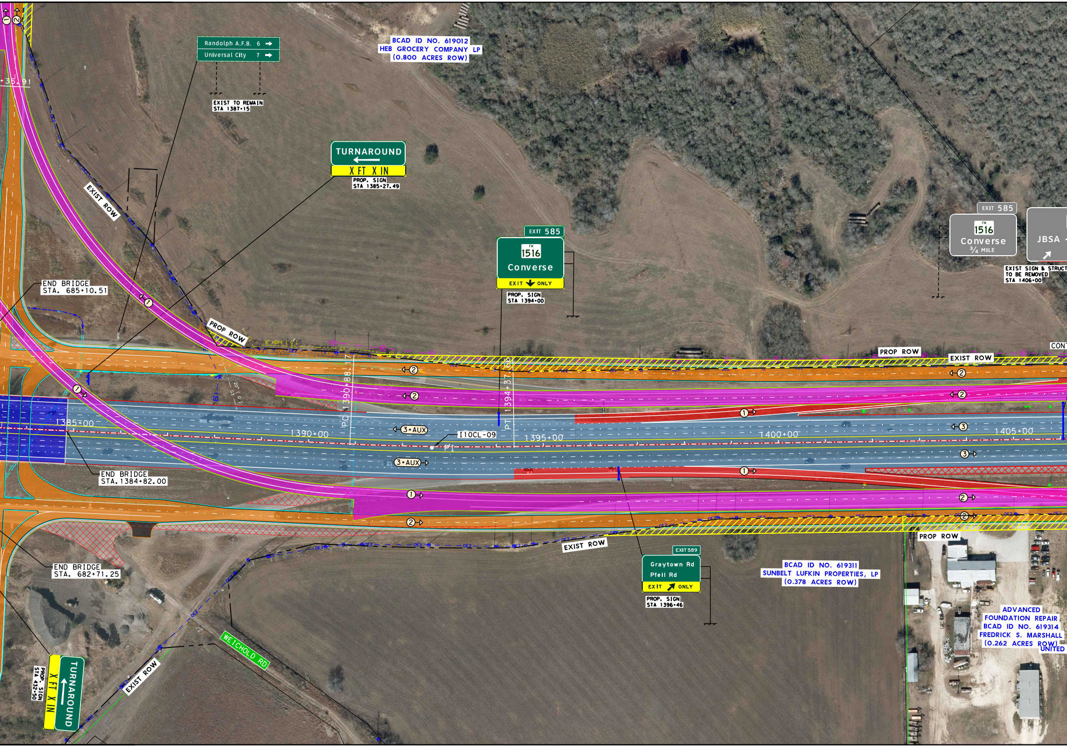

N
0' 50' 100'
BCAD ID NO. 618973
RUSH TRUCK CENTERS
OF TEXAS, LP
(0.008 ACRES ROW)
PROP ROW
CONTROL OF ACCESS
1350+00
1355+00
1360+00
2
3
3
2
INTERSTATE
10
EXIST ROW
PROP ROW
BCAD ID NO. 619300
HARVEY LEE FAULKNER
(0.045 ACRES ROW)
BCAD ID NO. 619299
HARVEY LEE FAULKNER
(0.240 ACRES ROW)
BCAD ID NO. 619278
CESA PROPERTIES, LLC
(0.496 ACRES ROW)
MARTINEZ CREEK DAM NO. 3
LEGEND
MAINLINE LANES
DIRECT CONNECTORS
FRONTAGE ROAD
GENERAL PURPOSE RAMPS
EXISTING ROADWAY TO REMAIN
BRIDGE
100-YEAR FLOOD PLAIN
PAVEMENT REMOVAL
EXISTING ROW
PROPOSED ROW
OVERHEAD SIGN BRIDGE
LEGEND OF UTILITY TYPES
Communications
QL "B"
AT&T
AT&T / DUCT
AT&T
CENTURY LINK
TIME WARNER
LEVEL 3
QL "C"
ATT / DUCT
TIME WARNER
Gas
QL "B"
CPS
CITGO
ENTERPRISE
Water
QL "B"
SAWS
QL "C"
SAWS
Sewers / Drains
QL "B"
SARA
QL "C"
SARA
CITY OF SCHERTZ
Electric / Power
QL "B"
TXDOT
CPS ENERGY
TXDOT
TXDOT TRAFFIC SIGNAL

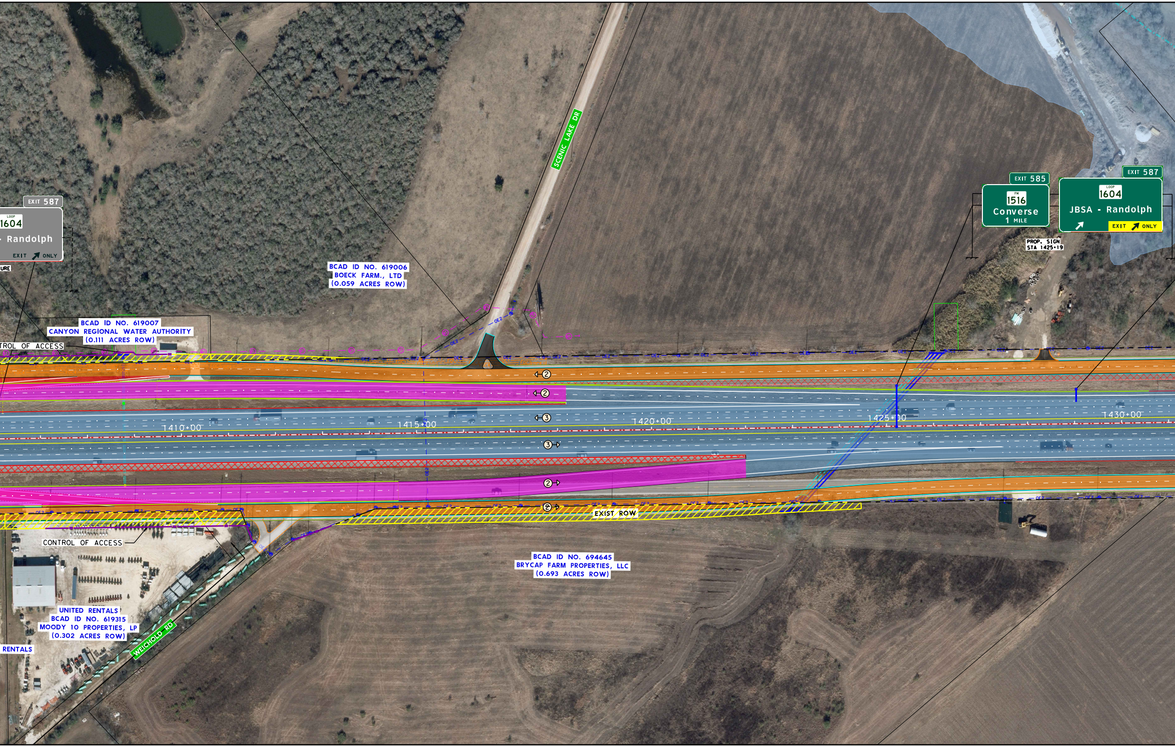
LOOP 1604
SEE ROLL 4 OF

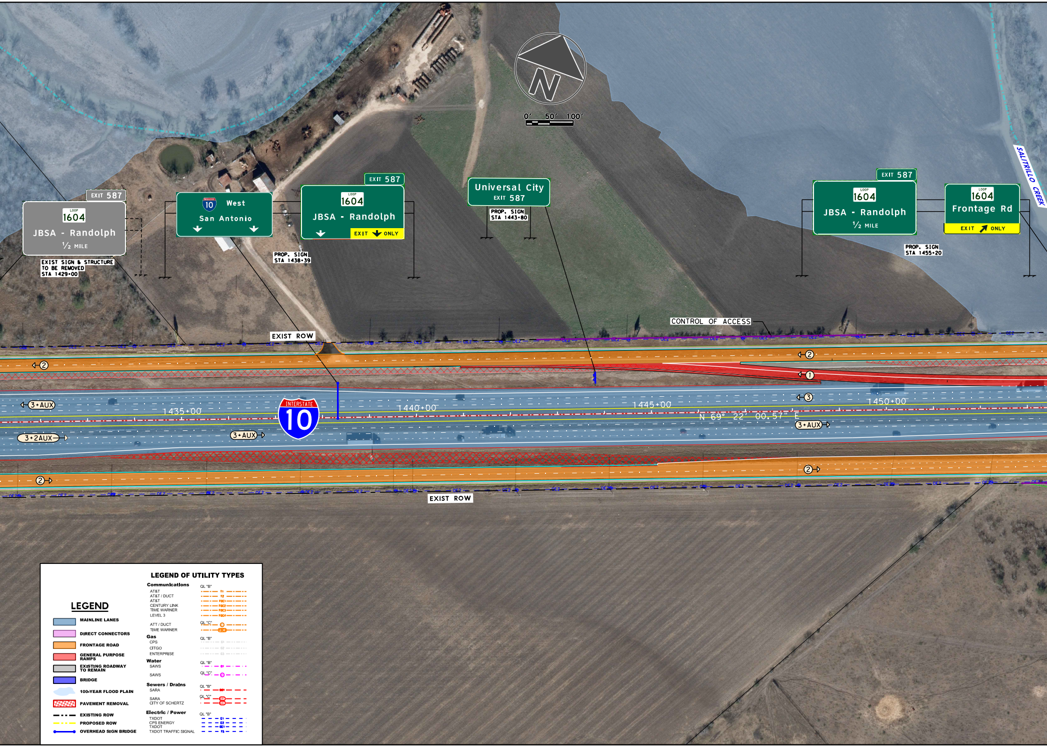

WEICHOLD RD
LOOP 1604
PT 422
BCAD ID NO. 618991
ENVIRONMENTAL
ALTERNATIVE FUELS, LLC
(0.046 ACRES ROW)
EXIT 585
FM 1516
Converse
EXIT ONLY
PROP. SIGN
STA 1374+50
EXIST ROW
PROP. SIGN
STA 426+60
X FT X IN
TURNAROUND
425+00
BCAD ID NO. 618978
MS410 PARTNERS, LLC
(1.175 ACRES ROW)
PROP ROW
EXIST ROW
BCAD ID NO. 618979
J.W. & ALICE FAULKNER
(0.034 ACRES ROW)
BEGIN BRIDGE
STA. 684+35.23
BEGIN BRIDGE
STA. 1379+00.00
1365+00
1370+00
1375+00
1380+00
430+00
CONTROL OF ACCESS
PROP ROW
AUTO TRUCK
TRANSPORT
BCAD ID NO. 619279
CESA PROPERTIES, LLC
(0.166 ACRES ROW)
EXIST ROW
TO 130 TOLL Austin Waco
VIA 10 EAST
EXIST TO REMAIN
STA 1374+00
TURNAROUND
X FT X IN
PROP. SIGN
STA 1379+25
EXIT 589
Graytown Rd
Pfeil Rd
1/2 MILE
PROP. SIGN
STA 1366+00
EXIT 589
Graytown Rd
Pfeil Rd
EXIT ONLY
PROP. SIGN
STA 1379+36
EXIST ROW
BEGIN BRIDGE
STA. 681+24.85
LOOP
1604
435+00

LOOP 1604
SEE ROLL 4 OF 4

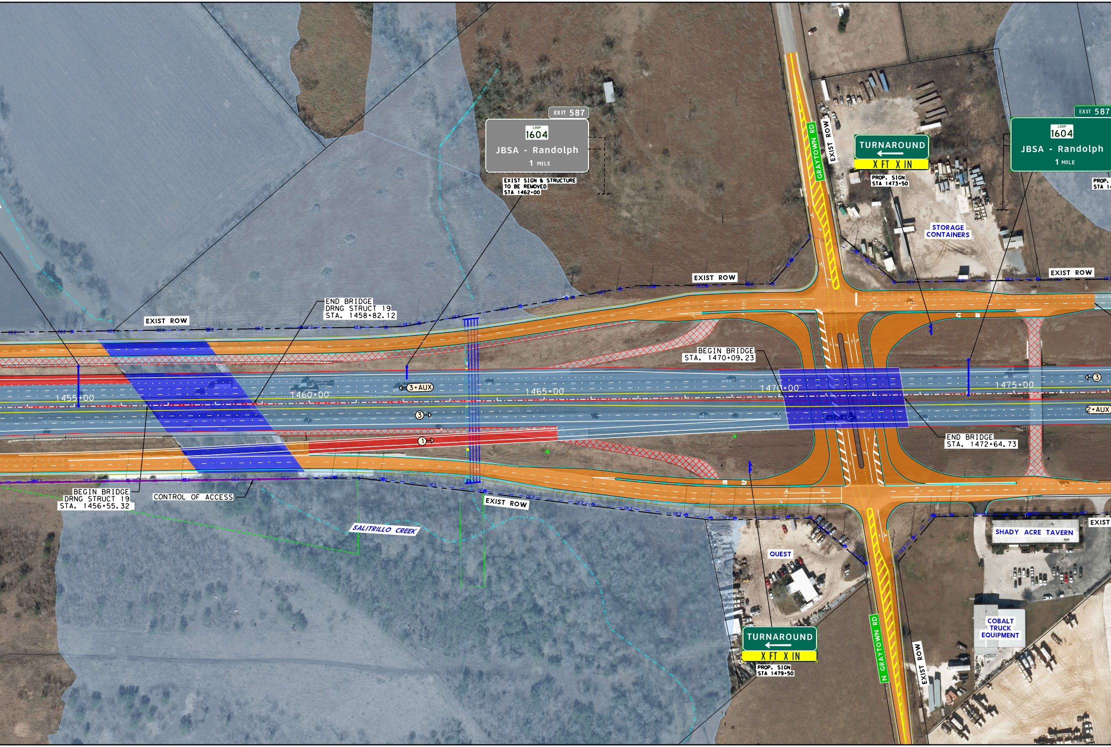
4

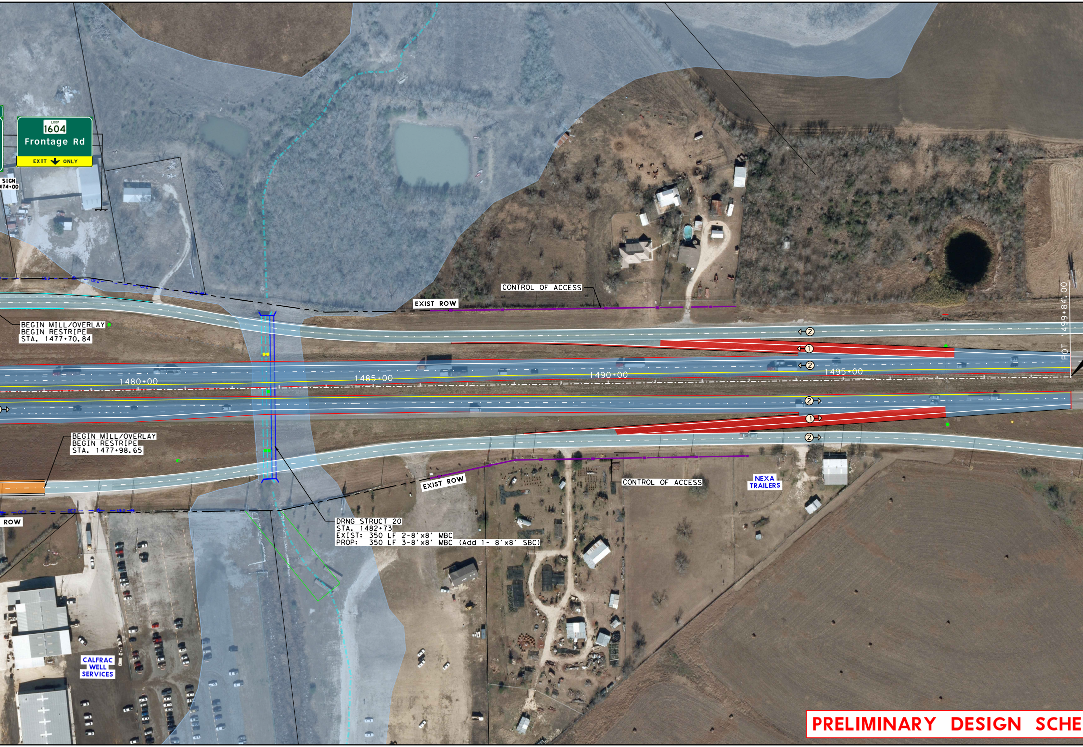

Randolph A.F.B. 6
Universal City 7
EXIST TO REMAIN
STA 1387+15
BCAD ID NO. 619012
HEB GROCERY COMPANY LP
(0.800 ACRES ROW)
TURNAROUND
X FT X IN
PROP. SIGN
STA 1385+27.49
EXIT 585
FM 1516
Converse
EXIT ONLY
PROP. SIGN
STA 1394+00
EXIT 585
FM 1516
Converse
¾ MILE
JBSA
EXIST SIGN & STRUCT
TO BE REMOVED
STA 1406+00
EXIST ROW
END BRIDGE
STA. 685+10.51
PROP ROW
PROP ROW
EXIST ROW
CONT
PC 1390+88.17
PT 1394+37.66
1385+00
1390+00
1395+00
1400+00
1405+00
3+AUX
3+AUX
I10CL-09
PI
END BRIDGE
STA. 1384+82.00
END BRIDGE
STA. 682+71.25
EXIST ROW
EXIT 589
Graytown Rd
Pfeil Rd
EXIT ONLY
PROP. SIGN
STA 1396+46
BCAD ID NO. 619311
SUNBELT LUFKIN PROPERTIES, LP
(0.378 ACRES ROW)
PROP ROW
ADVANCED
FOUNDATION REPAIR
BCAD ID NO. 619314
FREDRICK S. MARSHALL
(0.262 ACRES ROW)
UNITED
WEICHOLD RD
EXIST ROW
TURNAROUND
X FT X IN
PROP. SIGN
STA 432+50
+35.91


EXIT 587
LOOP
1604
Randolph
EXIT ONLY
URE
SCENIC LAKE DR
EXIT 585
FM
1516
Converse
1 MILE
EXIT 587
LOOP
1604
JBSA - Randolph
EXIT ONLY
PROP. SIGN
STA 1425+19
BCAD ID NO. 619006
BOECK FARM., LTD
(0.059 ACRES ROW)
BCAD ID NO. 619007
CANYON REGIONAL WATER AUTHORITY
(0.111 ACRES ROW)
TROL OF ACCESS
2
2
3
3
2
2
1410+00
1415+00
1420+00
1425+00
1430+00
EXIST ROW
CONTROL OF ACCESS
BCAD ID NO. 694645
BRYCAP FARM PROPERTIES, LLC
(0.693 ACRES ROW)
UNITED RENTALS
BCAD ID NO. 619315
MOODY 10 PROPERTIES, LP
(0.302 ACRES ROW)
RENTALS
WEICHOLD RD

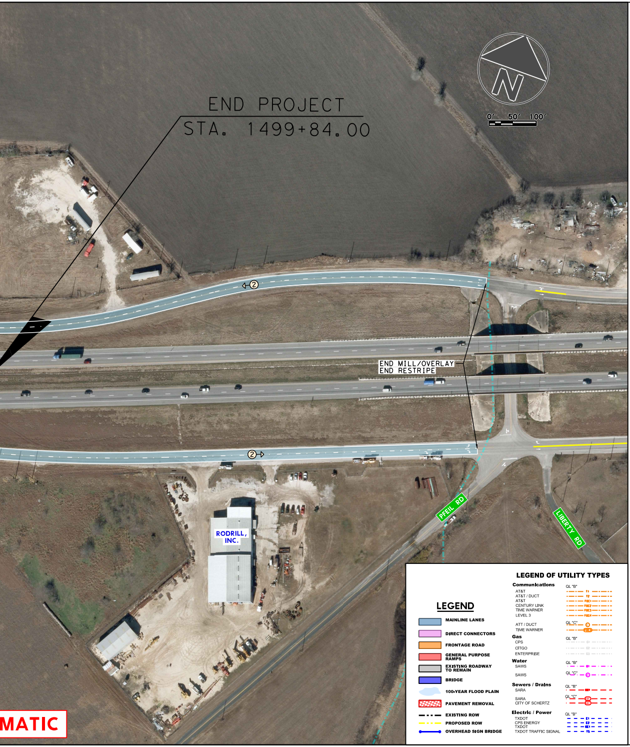


0' 50' 100'
SALITRILLO CREEK
EXIT 587
LOOP 1604
JBSA - Randolph
½ MILE
EXIST SIGN & STRUCTURE TO BE REMOVED STA 1429+00
INTERSTATE 10 West San Antonio
EXIT 587
LOOP 1604
JBSA - Randolph
EXIT ONLY
PROP. SIGN STA 1438+39
Universal City EXIT 587
PROP. SIGN STA 1443+80
EXIT 587
LOOP 1604
JBSA - Randolph
½ MILE
LOOP 1604
Frontage Rd
EXIT ONLY
PROP. SIGN STA 1455+20
CONTROL OF ACCESS
EXIST ROW
EXIST ROW
②
①
③
3+AUX
3+2AUX
3+AUX
3+AUX
1435+00
1440+00
1445+00
1450+00
N 69° 22' 00.57" E
INTERSTATE 10
OE2
LEGEND
MAINLINE LANES
DIRECT CONNECTORS
FRONTAGE ROAD
GENERAL PURPOSE RAMPS
EXISTING ROADWAY TO REMAIN
BRIDGE
100-YEAR FLOOD PLAIN
PAVEMENT REMOVAL
EXISTING ROW
PROPOSED ROW
OVERHEAD SIGN BRIDGE
LEGEND OF UTILITY TYPES
Communications
QL "B"
AT&T
AT&T / DUCT
AT&T
CENTURY LINK
TIME WARNER
LEVEL 3
QL "C"
ATT / DUCT
TIME WARNER
Gas
QL "B"
CPS
CITGO
ENTERPRISE
Water
QL "B"
SAWS
QL "C"
SAWS
Sewers / Drains
QL "B"
SARA
QL "C"
SARA
CITY OF SCHERTZ
Electric / Power
QL "B"
TXDOT
CPS ENERGY
TXDOT
TXDOT TRAFFIC SIGNAL


EXIT 587
LOOP
1604
JBSA - Randolph
1 MILE
EXIST SIGN & STRUCTURE
TO BE REMOVED
STA 1462+00
GRAYTOWN RD
EXIST ROW
TURNAROUND
X FT X IN
PROP. SIGN
STA 1473+50
EXIT 587
LOOP
1604
JBSA - Randolph
1 MILE
PROP.
STA 14
STORAGE
CONTAINERS
EXIST ROW
EXIST ROW
EXIST ROW
END BRIDGE
DRNG STRUCT 19
STA. 1458+82.12
BEGIN BRIDGE
STA. 1470+09.23
1455+00
1460+00
1465+00
1470+00
1475+00
3+AUX
3
3
2+AUX
1
END BRIDGE
STA. 1472+64.73
BEGIN BRIDGE
DRNG STRUCT 19
STA. 1456+55.32
CONTROL OF ACCESS
EXIST ROW
SALITRILLO CREEK
QUEST
SHADY ACRE TAVERN
EXIST
TURNAROUND
X FT X IN
PROP. SIGN
STA 1479+50
N GRAYTOWN RD
EXIST ROW
COBALT
TRUCK
EQUIPMENT


LOOP
1604
Frontage Rd
EXIT ONLY
SIGN
474+00
BEGIN MILL/OVERLAY
BEGIN RESTRIPE
STA. 1477+70.84
CONTROL OF ACCESS
EXIST ROW
OE2
1480+00
1485+00
1490+00
1495+00
POT 1499+84.00
②
①
BEGIN MILL/OVERLAY
BEGIN RESTRIPE
STA. 1477+98.65
EXIST ROW
CONTROL OF ACCESS
NEXA
TRAILERS
ROW
DRNG STRUCT 20
STA. 1482+73
EXIST: 350 LF 2-8'x8' MBC
PROP: 350 LF 3-8'x8' MBC (Add 1- 8'x8' SBC)
CALFRAC
WELL
SERVICES

PRELIMINARY DESIGN SCHE


END PROJECT
STA. 1499+84.00
0' 50' 100'
N
②
END MILL/OVERLAY
END RESTRIPE
②
PFEIL RD
LIBERTY RD
RODRILL, INC.
MATIC
LEGEND
MAINLINE LANES
DIRECT CONNECTORS
FRONTAGE ROAD
GENERAL PURPOSE RAMPS
EXISTING ROADWAY TO REMAIN
BRIDGE
100-YEAR FLOOD PLAIN
PAVEMENT REMOVAL
EXISTING ROW
PROPOSED ROW
OVERHEAD SIGN BRIDGE
LEGEND OF UTILITY TYPES
Communications
QL "B"
AT&T T1
AT&T / DUCT T2
AT&T FOC1
CENTURY LINK FOC2
TIME WARNER FOC3
LEVEL 3 FOC4
QL "C"
ATT / DUCT
TIME WARNER
Gas
QL "B"
CPS G1
CITGO G2
ENTERPRISE G3
Water
QL "B"
SAWS W1
QL "C"
SAWS
Sewers / Drains
QL "B"
SARA SS1
QL "C"
SARA
CITY OF SCHERTZ
Electric / Power
QL "B"
TXDOT E1
CPS ENERGY E2
TXDOT OE1
TXDOT TRAFFIC SIGNAL TS