Texas Department of Transportation

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AECOM
AECOM Technical Services Inc.- 3580
19219 KATY FREEWAY
SUITE 100
HOUSTON, TX 77094

FROM:
TO:

SCHEMATIC

LOOP 1604

SCALE:
1" = 100 FT HOR

4/10

FILE NAME:

TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT
LOOP 1604
BEXAR COUNTY

OFFICE OF THE DISTRICT ENGINEER

SAN ANTONIO, TEXAS

CONTROL: 0072 SECTION: 08 JOB: 144
CONTROL: 2452 SECTION: 02 JOB: 083
CONTROL: 2452 SECTION: 02 JOB: 128
CONTROL: 2452 SECTION: 03 JOB: 087
CONTROL: 2452 SECTION: 03 JOB: 113

LOOP 1604:

LIMITS: FROM SH 16 TO I-35
LENGTH: 22 MILES
FUNCTIONAL CLASS: FREEWAY
$E_{max} = 6\%$
DESIGN SPEEDS:
MAINLANES - 60 MPH
DIRECT CONNECTORS - 45 MPH
COLLECTOR-DISTRIBUTOR ROADS - 45 MPH
RAMPS - 45 MPH
FRONTAGE ROADS - 40 MPH

IH 10:

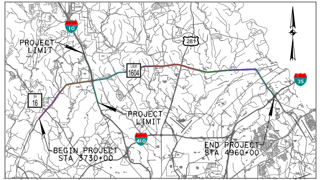
LIMITS: FROM CAMP BULLIS BLVD TO DE ZAVALA RD
LENGTH: 4.4 MILES
FUNCTIONAL CLASS: INTERSTATE

PRELIMINARY

DOCUMENT IS FOR INTERIM REVIEW AND NOT INTENDED FOR CONSTRUCTION BIDDING, OR PERMIT PURPOSES.

ENGINEER: INAS AWEIDAH
P.E. SERIAL No.: 69086
DATE: 9/1/2020

LP1604 SAN ANTONIO, TEXAS
BEXAR COUNTY


10
PROJECT LIMIT
281
LOOP 1604
35
SH 16
PROJECT LIMIT
410
BEGIN PROJECT STA 3730+00
END PROJECT STA 4960+00

PROJECT LOCATION MAP
NTS

CONCURRENCE: ____________________, 2020

APPROVED: TXDOT DESIGN DIVISION LETTER

APPROVED: FHWA LETTER DATED

SUBMITTED FOR APPROVAL: ____________________, 2020

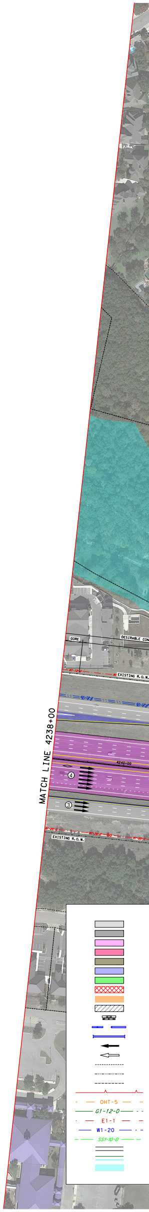
TRANSPORTATION PLANNING DIRECTOR

APPROVED: ____________________, 2020

DIRECTOR OF TRANSPORTATION PLANNING AND DEVELOPMENT

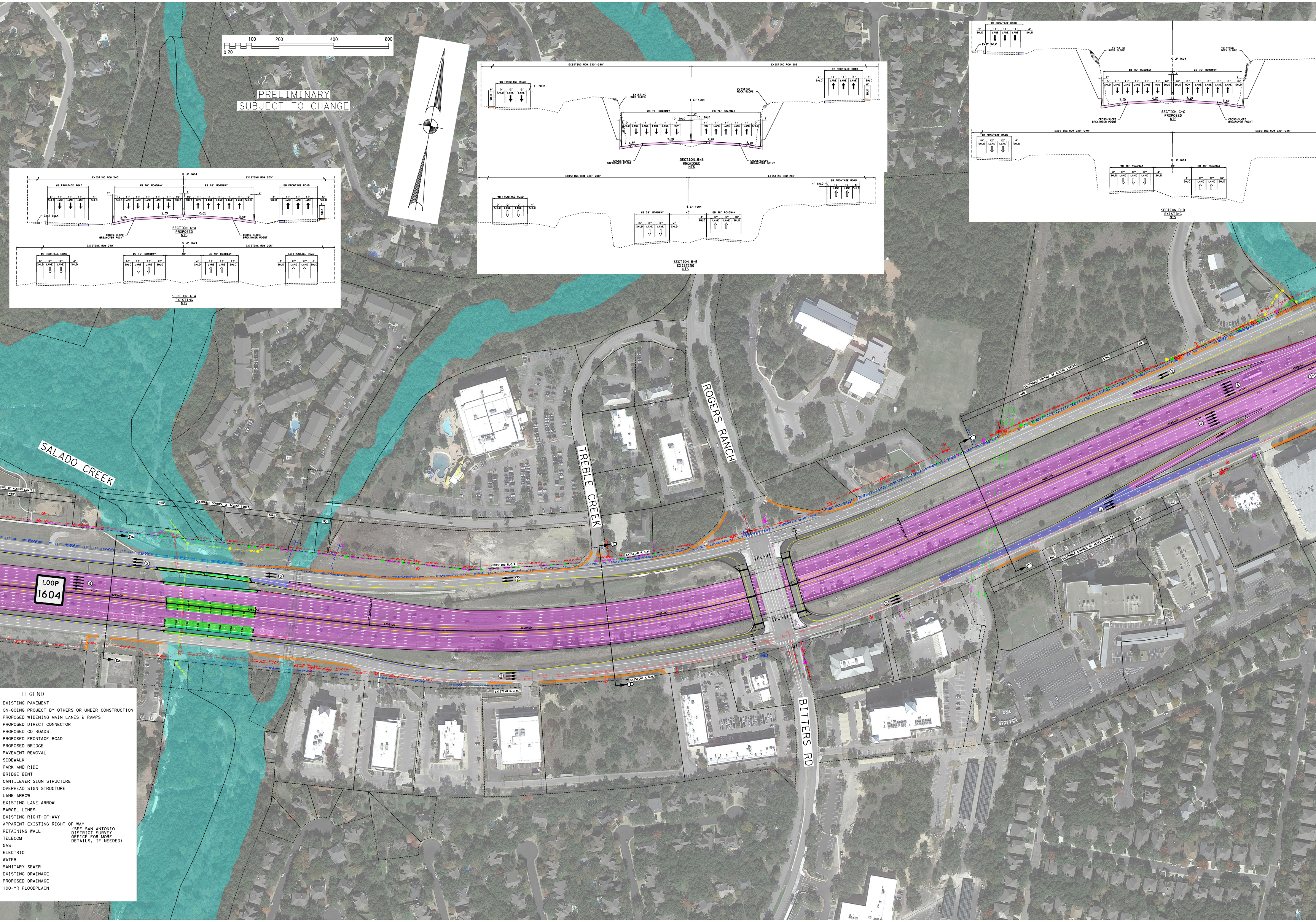
APPROVED: ____________________, 2020

DISTRICT ENGINEER


GORE
DESIRABLE CON
W1-12-D
EXISTING R.O.W.
MATCH LINE 4238+00
4240+00
4
3
EXISTING R.O.W.
W1-20-D
OHT-5
G1-12-D
E1-1
W1-20
SS1-10-D

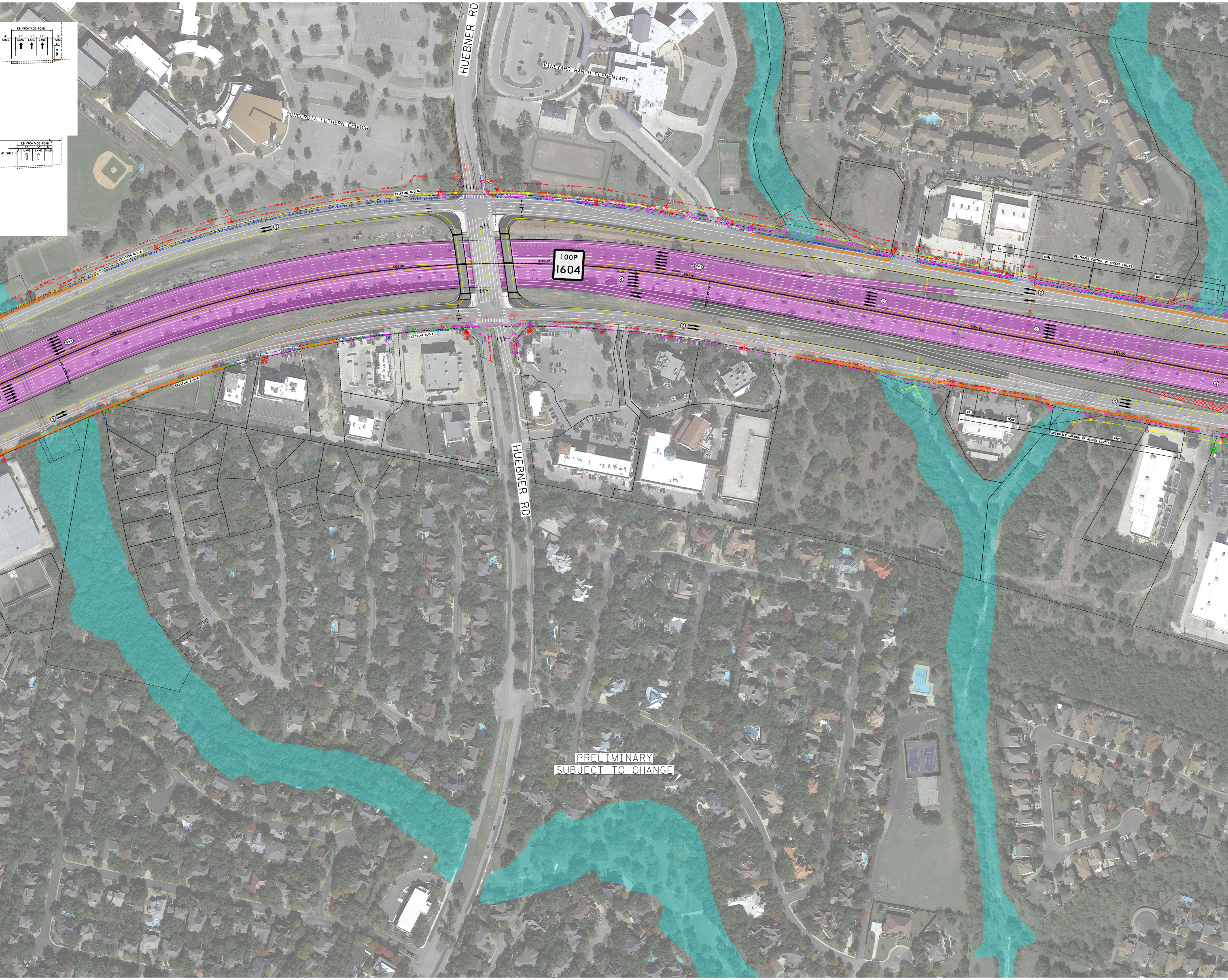
c:\pwworking\aecom*ds16*na\joe.gillis@aecom.com\d0460663\Pub 9/1/2020 04.dgn 4:36:16 PM

PRELIMINARY
SUBJECT TO CHANGE

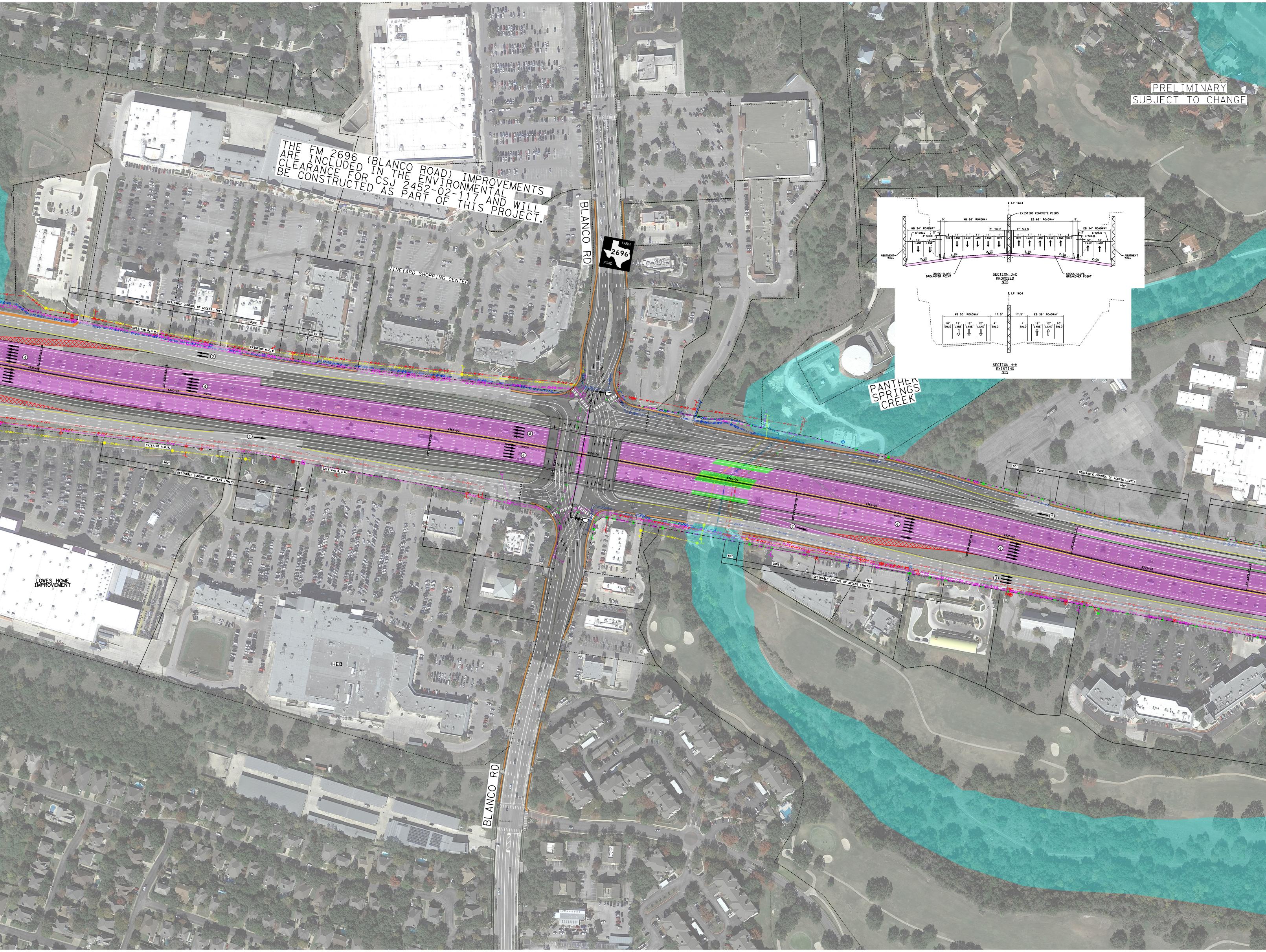

0 20 100 200 400 600
SECTION A-A
PROPOSED
NTS
SECTION A-A
EXISTING
NTS
SECTION B-B
PROPOSED
NTS
SECTION B-B
EXISTING
NTS
SECTION C-C
PROPOSED
NTS
SECTION D-D
EXISTING
NTS
EXISTING ROW 240'
EXISTING ROW 205'
EXISTING ROW 230'-280'
EXISTING ROW 220'-240'
EXISTING ROW 220'-225'
WB FRONTAGE ROAD
EB FRONTAGE ROAD
WB 76' ROADWAY
EB 76' ROADWAY
WB 46' ROADWAY
EB 40' ROADWAY
WB 38' ROADWAY
EB 38' ROADWAY
WB 48' ROADWAY
℄ LP 1604
SHLD
LANE
HOV
EXIST SWLK
EXISTING ROCK SLOPE
CROSS-SLOPE BREAKOVER POINT
2.0%
2.5%
SALADO CREEK
TREBLE CREEK
ROGERS RANCH
BITTERS RD
LOOP
1604
DESIRABLE CONTROL OF ACCESS LIMITS
EXISTING R.O.W.
GORE
460'
50'

LEGEND

EXISTING PAVEMENT
ON-GOING PROJECT BY OTHERS OR UNDER CONSTRUCTION
PROPOSED WIDENING MAIN LANES & RAMPS
PROPOSED DIRECT CONNECTOR
PROPOSED CD ROADS
PROPOSED FRONTAGE ROAD
PROPOSED BRIDGE
PAVEMENT REMOVAL
SIDEWALK
PARK AND RIDE
BRIDGE BENT
CANTILEVER SIGN STRUCTURE
OVERHEAD SIGN STRUCTURE
LANE ARROW
EXISTING LANE ARROW
PARCEL LINES
EXISTING RIGHT-OF-WAY
APPARENT EXISTING RIGHT-OF-WAY (SEE SAN ANTONIO DISTRICT SURVEY OFFICE FOR MORE DETAILS, IF NEEDED)
RETAINING WALL
TELECOM
GAS
ELECTRIC
WATER
SANITARY SEWER
EXISTING DRAINAGE
PROPOSED DRAINAGE
100-YR FLOODPLAIN

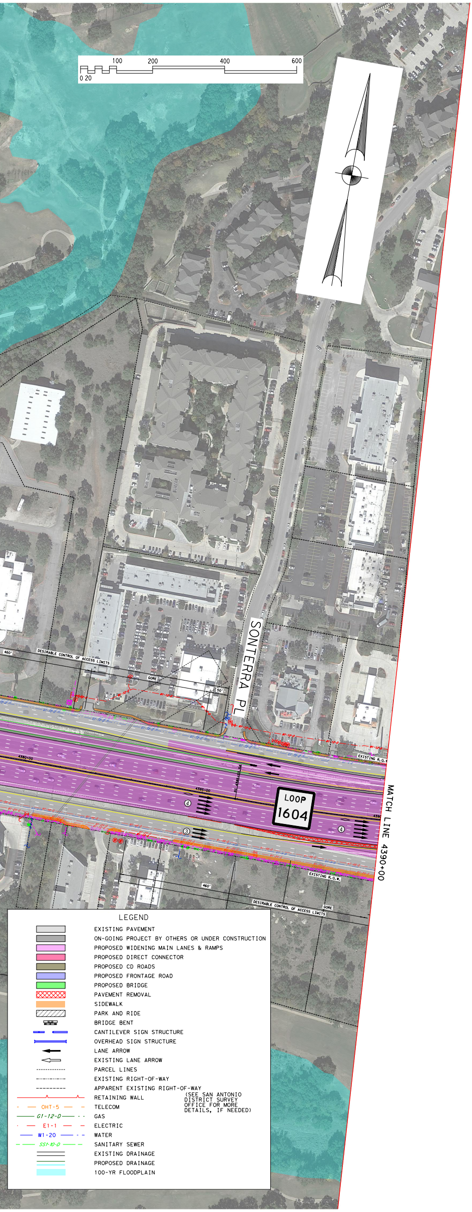

EB FRONTAGE ROAD
4' SHLD
11' LANE
11' LANE
11' LANE
5' SHLD
6' SWLK
EB FRONTAGE ROAD
4' SHLD
12' LANE
12' LANE
8' SHLD
HUEBNER RD
VINEYARD RANCH ELEMENTARY
CONCORDIA LUTHERN CHURCH
EXISTING R.O.W.
LOOP
1604
4295+00
4300+00
4305+00
4310+00
4315+00
4320+00
4325+00
4330+00
50'
GORE
DESIRABLE CONTROL OF ACCESS LIMITS
460'
HUEBNER RD
PRELIMINARY
SUBJECT TO CHANGE

PRELIMINARY
SUBJECT TO CHANGE



BLANCO RD
FARM 2696 ROAD
VINEYARD SHOPPING CENTER
LOWES HOME IMPROVEMENT
HEB
PANTHER SPRINGS CREEK
EXISTING R.O.W.
DESIRABLE CONTROL OF ACCESS LIMITS
GORE
460'
50'
℄ LP 1604
EXISTING CONCRETE PIERS
WB 68' ROADWAY
EB 68' ROADWAY
WB 34' ROADWAY
EB 34' ROADWAY
2' SHLD
6' SHLD
4' SHLD
8' SHLD
11' LANE
11' HOV
12' LANE
2.0%
2.5%
ABUTMENT WALL
CROSS-SLOPE BREAKOVER POINT
SECTION D-D
PROPOSED
NTS
WB 50' ROADWAY
EB 38' ROADWAY
17.5'
10' SHLD
4' SHLD
SECTION H-H
EXISTING
NTS

THE FM 2696 (BLANCO ROAD) IMPROVEMENTS ARE INCLUDED IN THE ENVIRONMENTAL CLEARANCE FOR CSJ 2452-02-117 AND WILL BE CONSTRUCTED AS PART OF THIS PROJECT.


0 20
100
200
400
600
SONTERRA PL
LOOP 1604
MATCH LINE 4390+00
EXISTING R.O.W.
DESIRABLE CONTROL OF ACCESS LIMITS
460'
GORE
50'
4380+00
4385+00
③
④

LEGEND

▭	EXISTING PAVEMENT
▭	ON-GOING PROJECT BY OTHERS OR UNDER CONSTRUCTION
▭	PROPOSED WIDENING MAIN LANES & RAMPS
▭	PROPOSED DIRECT CONNECTOR
▭	PROPOSED CD ROADS
▭	PROPOSED FRONTAGE ROAD
🟩	PROPOSED BRIDGE
▩	PAVEMENT REMOVAL
▬	SIDEWALK
▨	PARK AND RIDE
▬	BRIDGE BENT
▬ ▬	CANTILEVER SIGN STRUCTURE
├─┤	OVERHEAD SIGN STRUCTURE
←	LANE ARROW
⇦	EXISTING LANE ARROW
-------------	PARCEL LINES
-··-··-··-	EXISTING RIGHT-OF-WAY
---------	APPARENT EXISTING RIGHT-OF-WAY
─^─^─	RETAINING WALL
— OHT-5 —	TELECOM
— G1-12-D —	GAS
— E1-1 —	ELECTRIC
— W1-20 —	WATER
— SS1-10-D —	SANITARY SEWER
═	EXISTING DRAINAGE
═	PROPOSED DRAINAGE
▬	100-YR FLOODPLAIN

(SEE SAN ANTONIO DISTRICT SURVEY OFFICE FOR MORE DETAILS, IF NEEDED)

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