TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT

ROADWAY: US290 / SH71 WEST

TRAVIS COUNTY

LIMITS : RM1826 TO SL1 (MOPAC) + TRANSITION TO CIRCLE DRIVE
C-S-J : US 290 = 0113-08-060, SH 71 = 0700-03-077
LENGTH = 8.4 MILES

OFFICE OF DISTRICT ENGINEER
AUSTIN DISTRICT

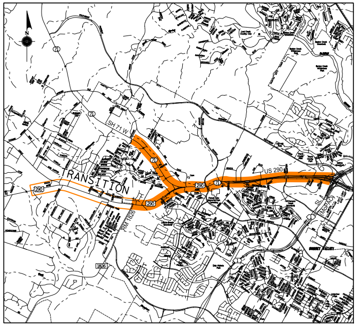
PROJECTED ADT:
US 290 MAINLANES TRAFFIC (2035) = 62,400

PROJECTED ADT:
US 290 FRONTAGE RD. TRAFFIC (2035) = 44,500

FUNCTIONAL CLASSIFICATION: FREEWAY

DESIGN SPEED:
MAINLANES - 60 MPH
FRONTAGE ROADS - 40 MPH
RAMPS - 45 MPH
DIRECT CONNECTORS - 45 MPH
CROSS STREET - 30 MPH (MIN.)

LOCATION MAP


N
SH 71 W
TRANSITION
US 290
RM 1826
SL1
290
71
1826

NOT A BIDDING DOCUMENT

OAK HILL
PARKWAY

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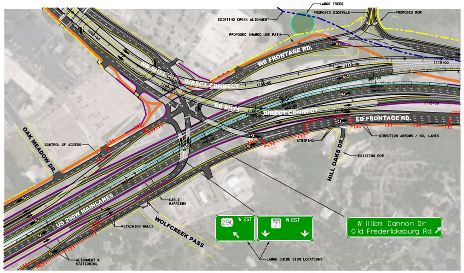
LINE AND SYMBOL LEGEND


LARGE TREES
PROPOSED SIDEWALK
PROPOSED ROW
EXISTING CREEK ALIGNMENT
PROPOSED SHARED USE PATH
WB FRONTAGE RD.
WB SH71
DIRECT CONNECT
EB SH71
DIRECT CONNECT
EB FRONTAGE RD.
1095+00
1100+00
1105+00
1110+00
1115+00
360+00
365+00
OAK MEADOW DR.
CONTROL OF ACCESS
DIRECTION ARROWS / NO. LANES
STRIPING
EXISTING ROW
HILL OAKS DR.
CABLE BARRIERS
US 290W MAINLANES
RETAINING WALLS
WOLFCREEK PASS
ALIGNMENT & STATIONING
290 WEST
TEXAS 71 WEST
William Cannon Dr
Old Fredericksburg Rd
LARGE GUIDE SIGN LOCATIONS

COLOR LEGEND

⬛	PROPOSE PAVEMENT/ OVERLAYED EXISTING PAVEMENT
▨	PROPOSED BRIDGE STRUCTURE
🟧	PROPOSED SHARED USE PATHS
▢	PROPOSED SIDEWALKS

RODRIGUEZ TRANSPORTATION GROUP
CONSULTING ENGINEERS
FIRM #587

Texas Department of Transportation®

US290 WEST
ALTERNATE DESIGN 'A'

SCHEMATIC DESIGN:
"NOT A BIDDING DOCUMENT"
ENGINEER: WADE STRONG, P.E.
P.E. SERIAL NO. : 61841
DATE : 1/14/2016

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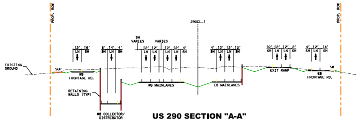
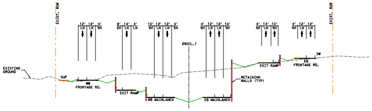
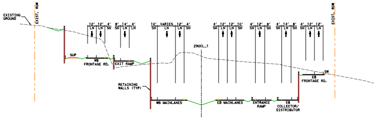
1/14/2016
C:\8140301\div\SCHEMATICS\us290_Alt A_schem.dgn


PROP. ROW
290CL_1
EXISTING GROUND
SUP
WB FRONTAGE RD.
RETAINING WALLS (TYP)
WB COLLECTOR/ DISTRIBUTOR
SH VARIES
VARIES
WB MAINLANES
EB MAINLANES
EXIT RAMP
EB FRONTAGE RD.
SW
12' LN 16' SH
8' SH 14' LN 4' SH
12' LN 12' LN 12' LN 12' LN 4' SH
4' SH 12' LN 12' LN 10' SH
10' SH 12' LN 12' LN 2' SH
4' SH 12' LN 14' SH

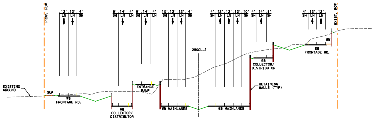
US 290 SECTION "A-A"
STA. 248+00


EXIST. ROW
290CL_1
EXISTING GROUND
SUP
WB FRONTAGE RD.
EXIT RAMP
WB MAINLANES
EB MAINLANES
RETAINING WALLS (TYP)
EXIT RAMP
EB FRONTAGE RD.
SW
12' LN 12' LN 4' SH
8' SH 14' LN 4' LN
10' SH 12' LN 12' LN 4' SH
4' SH 12' LN 12' LN 10' SH
4' SH 14' LN 10' SH
4' SH 12' LN 12' LN

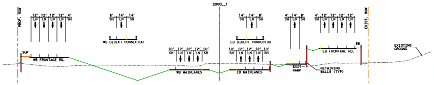
US 290 SECTION "B-B"
STA. 300+00


EXISTING GROUND
EXIST. ROW
290CL_1
SUP
WB FRONTAGE RD.
EXIT RAMP
RETAINING WALLS (TYP)
WB MAINLANES
EB MAINLANES
ENTRANCE RAMP
EB COLLECTOR/ DISTRIBUTOR
EB FRONTAGE RD.
SW
VARIES

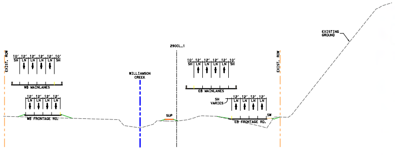
US 290 SECTION "C-C"
STA. 326+00


PROP. ROW
EXIST. ROW
290CL_1
EXISTING GROUND
SUP
WB FRONTAGE RD.
WB COLLECTOR/ DISTRIBUTOR
ENTRANCE RAMP
WB MAINLANES
EB MAINLANES
EB COLLECTOR/ DISTRIBUTOR
RETAINING WALLS (TYP)
EB FRONTAGE RD.
SW

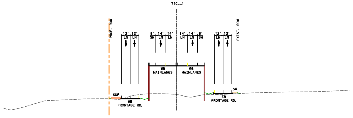
US 290 SECTION "D-D"
STA. 343+00


PROP. ROW
290CL_1
SUP
WB FRONTAGE RD.
WB DIRECT CONNECTOR
EB DIRECT CONNECTOR
WB MAINLANES
EB MAINLANES
EXIT RAMP
RETAINING WALLS (TYP)
EB FRONTAGE RD.
SW
EXISTING GROUND

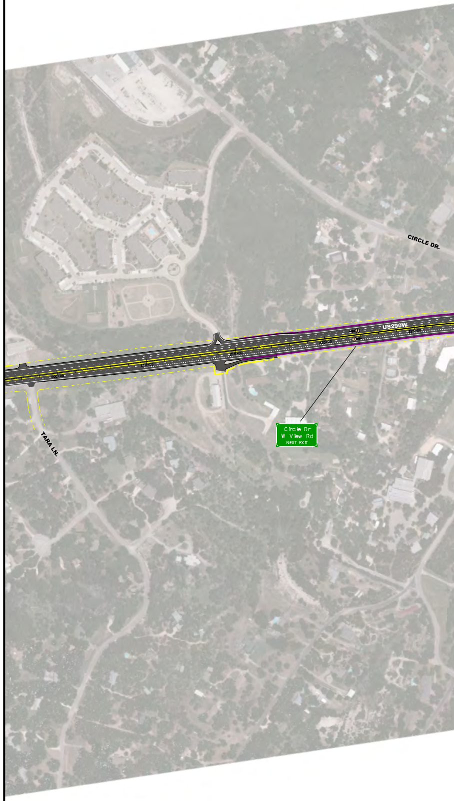
US 290 SECTION "E-E"
STA. 359+00

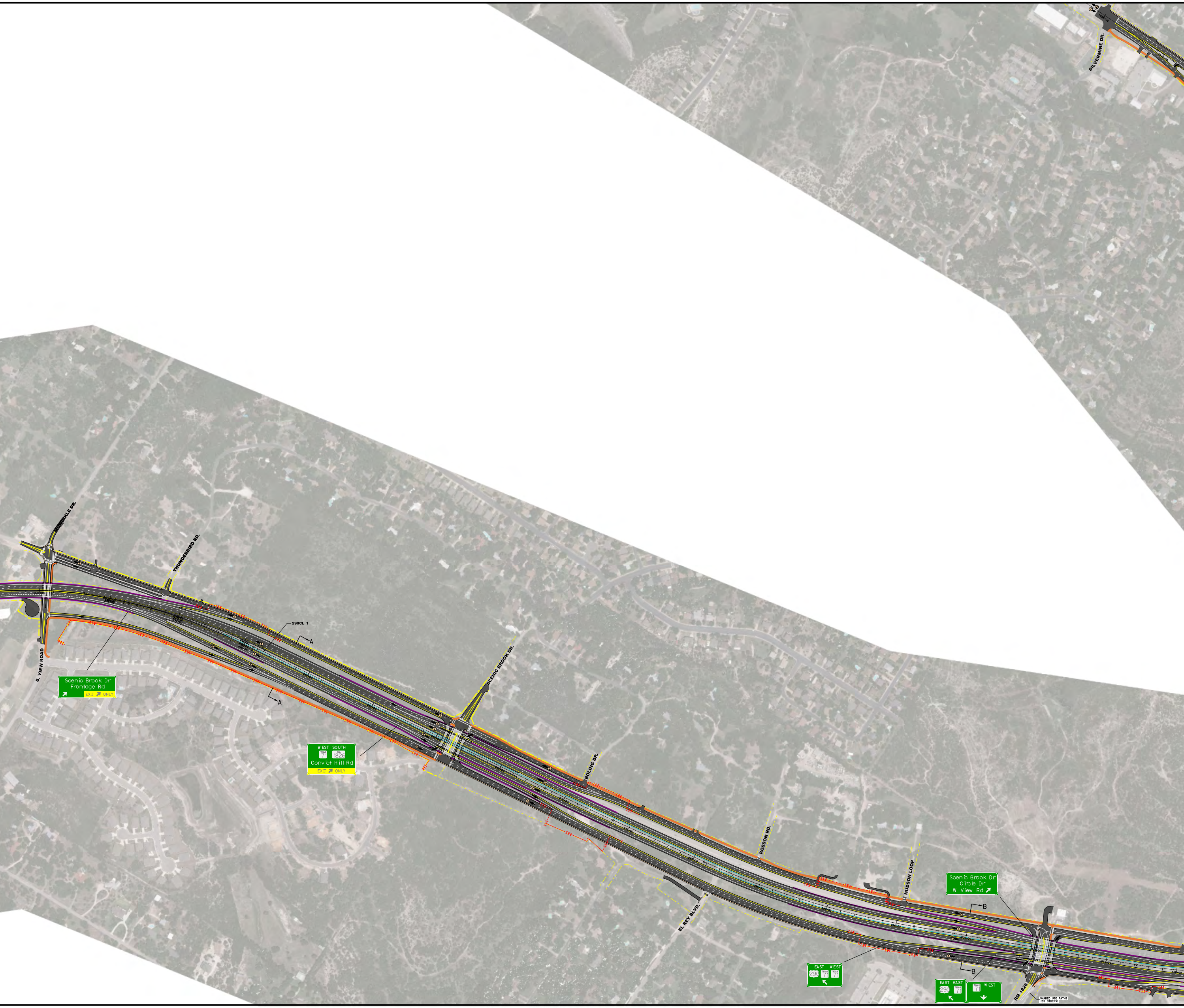

EXISTING GROUND
EXIST. ROW
290CL_1
WB MAINLANES
WB FRONTAGE RD.
WILLIAMSON CREEK
SUP
EB MAINLANES
SH VARIES
EB FRONTAGE RD.
SW

US290 SECTION "F-F"
STA. 376+00

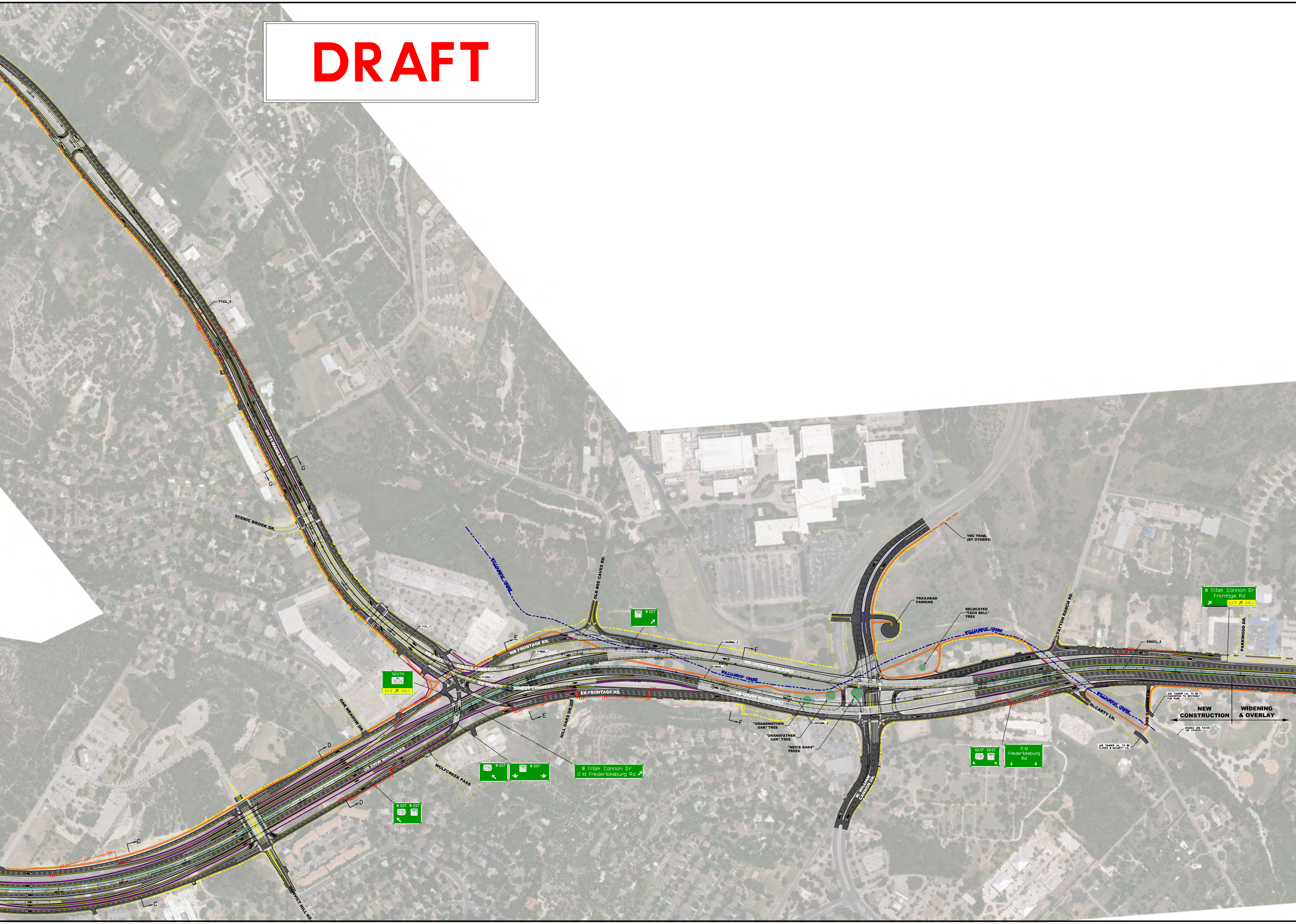

71CL_1
PROP. ROW
EXIST. ROW
SUP
WB FRONTAGE RD.
WB MAINLANES
EB MAINLANES
EB FRONTAGE RD.
SW

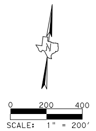
SH71 SECTION "G-G"
STA. 1079+50

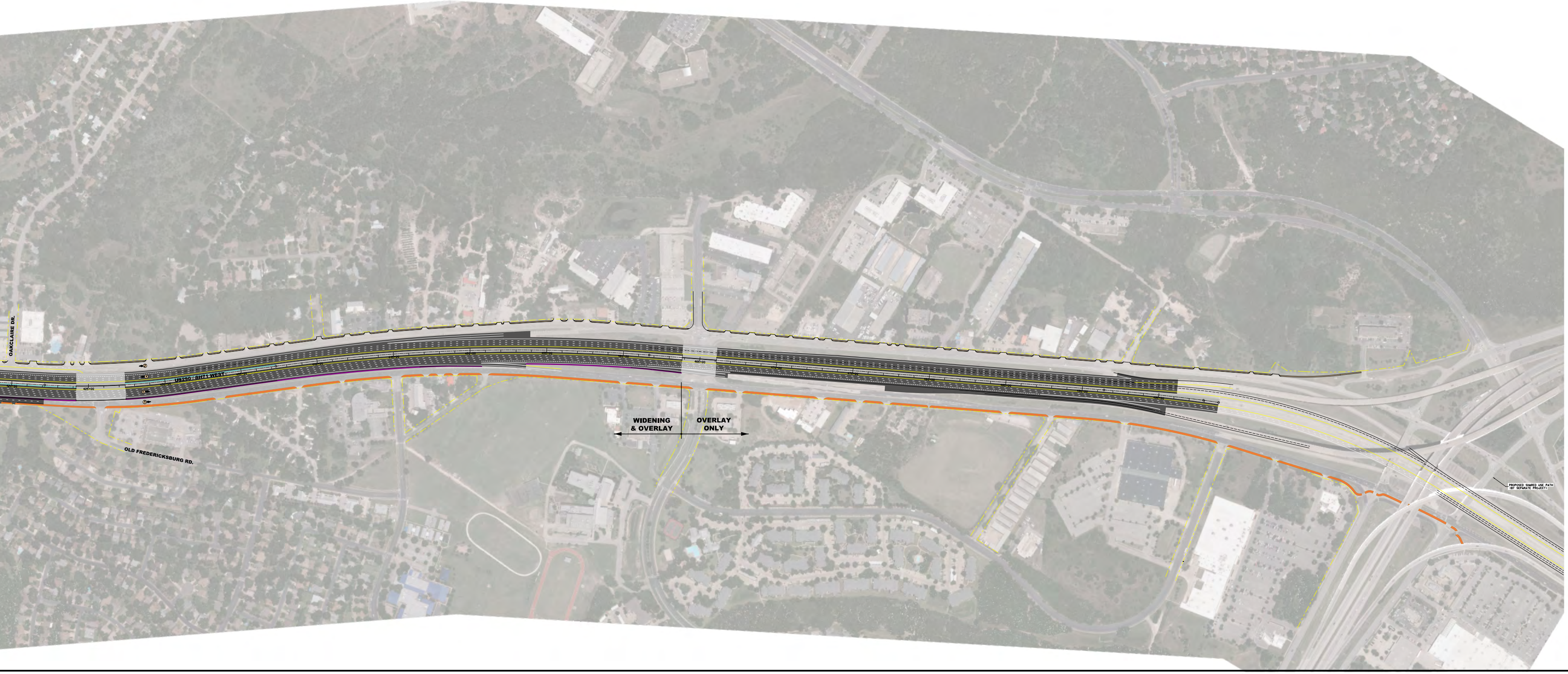

CIRCLE DR.
US290W
TARA LN.
Circle Dr
W View Rd
NEXT EXIT


SILVERMINE DR.
MOWINKLE DR.
THUNDERBIRD RD.
S. VIEW ROAD
290CL_1
A
A
Scenic Brook Dr
Frontage Rd
EXIT ONLY
WEST SOUTH
71
1826
Convict Hill Rd
EXIT ONLY
SCENIC BROOK DR.
BOLING DR.
ROSSON RD.
HUDSON LOOP
EL REY BLVD.
Scenic Brook Dr
Circle Dr
W View Rd
B
B
EAST WEST
290
71
71
EAST EAST
290
71
71
WEST
RM 1826
SHARED USE PATHS
(BY OTHERS)

DRAFT


SH 71 MAINLANES
71CL_1
SCENIC BROOK DR.
WILLIAMSON CREEK
OLD BEE CAVES RD.
YBC TRAIL (BY OTHERS)
TRAILHEAD PARKING
RELOCATED "TACO BELL" TREE
WILLIAMSON CREEK
PATTON RANCH RD.
290CL_1
PARKWOOD DR.
William Cannon Dr Frontage Rd EXIT ONLY
WEST 71
WB FRONTAGE RD.
71WBDC_1
WB SH71
DIRECT CONNECT
71EBDC_1
EB SH71
DIRECT CONNECT
EB FRONTAGE RD.
290WBML_2
WB US290 MAINLANES
EB US290 MAINLANES
290EBML_2
SOUTH FM 1826 EXIT ONLY
OAK MEADOW DR.
HILL OAKS DR.
"GRANDMOTHER OAK" TREE
"GRANDFATHER OAK" TREE
"NEICE OAKS" TREES
W. WILLIAM CANNON DR.
McCARTY LN.
JOE TANNER LN.
JOE TANNER LN. TO BE CONVERTED TO DRIVEWAY FOR PARK.
JOE TANNER LN. TO BE CLOSED @ McCARTY LN.
NEW CONSTRUCTION
WIDENING & OVERLAY
SHARED USE PATHS (BY OTHERS)
EAST 290 EAST 71
Old Fredericksburg Rd
US 290W MAINLANES
WOLFCREEK PASS
WEST 290
WEST 71
William Cannon Dr Old Fredericksburg Rd
WEST 290 WEST 71
CONVICT HILL RD.
C
D
E
F
G


0
200
400
SCALE: 1" = 200'


OAKCLAIRE DR.
US290 / SH71 WEST
420+00
425+00
430+00
435+00
440+00
OLD FREDERICKSBURG RD.
WIDENING & OVERLAY
OVERLAY ONLY
PROPOSED SHARED USE PATH (BY SEPARATE PROJECT)

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