RODRIGUEZ
TRANSPORTATION
GROUP

FIRM #587

RTG

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US 290 / SH 71 - ALTERNATIVE A
RECOMMENDED ALTERNATIVE
ROADWAY SCHEMATIC

SCHEMATIC DESIGN:
"NOT A BIDDING DOCUMENT"
ENGINEER: WADE STRONG, P.E.
P.E. SERIAL NO. : 61841
DATE : 4/23/2018

1 / 1

4/23/2018
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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

2015 ADT: 68,038

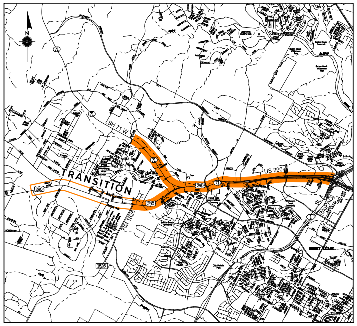
PROJECTED ADT:
US 290 MAINLANES TRAFFIC (2040) = 90,990

PROJECTED ADT:
US 290 FRONTAGE RD. TRAFFIC (2040) = 61,050

FUNCTIONAL CLASSIFICATION: FREEWAY

DESIGN SPEED:
MAINLANES - 50 MPH (MIN.)
FRONTAGE ROADS - 30 MPH (MIN.)
RAMPS - 45 MPH
DIRECT CONNECTORS - 45 MPH
CROSS STREET - 30 MPH (MIN.)

LOCATION MAP


N
SH 71 W
TRANSITION
US 290
290
71
RM 1826

NOT A BIDDING DOCUMENT

OAK HILL
PARKWAY

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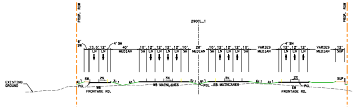
LEGEND

■	PROPOSE PAVEMENT/ OVERLAYED EXISTING PAVEMENT
■	PROPOSED BRIDGE STRUCTURE
🟧	PROPOSED SHARED USE PATHS
■	PROPOSED SIDEWALKS
■	WATER QUALITY POND
—	RETAINING WALLS
∿	SOUND BARRIER WALLS
-I-I-I—	CONTROL OF ACCESS
— - —	EXISTING CREEK ALIGNMENT
— - —	PROPOSED ROW
— - —	EXISTING ROW
—	LANE STRIPEING
—	STORM SEWER TRUNKLINES
—	CABLE BARRIERS
- - -	DITCH LINE
←#	DIRECTION ARROWS / NO. LANES
←###	2040 AVERAGE DAILY TRAFFIC

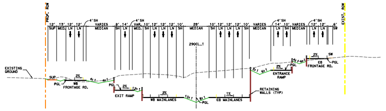
NOTES:

1. ALL PROJECT COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 83(93 (HARN)). ALL COORDINATES SHOWN HEREON ARE ADJUSTED TO SURFACE BY MULTIPLYING BY A COMBINED ADJUSTMENT FACTOR OF 1.000065048. UNITS: U.S. SURVEY FEET

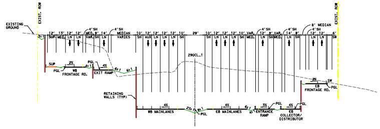
2. AERIAL PHOTOGRAPHY YEAR: 2015


PROP. ROW
290CL_1
EXISTING GROUND
WB FRONTAGE RD.
WB MAINLANES
EB MAINLANES
EB FRONTAGE RD.

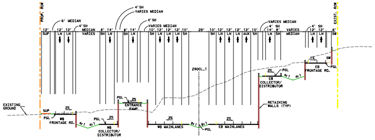
US 290 SECTION "A-A"
STA. 248+00


PROP. ROW
EXIST. ROW
290CL_1
EXISTING GROUND
WB FRONTAGE RD.
EXIT RAMP
WB MAINLANES
EB MAINLANES
RETAINING WALLS (TYP)
ENTRANCE RAMP
EB FRONTAGE RD.

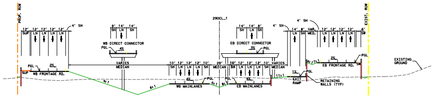
US 290 SECTION "B-B"
STA. 300+00


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

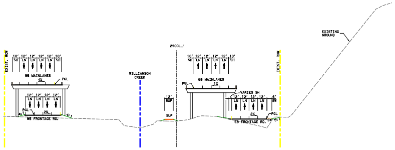
US 290 SECTION "C-C"
STA. 326+00


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

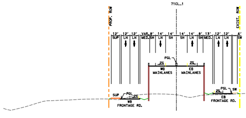
US 290 SECTION "D-D"
STA. 343+00


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

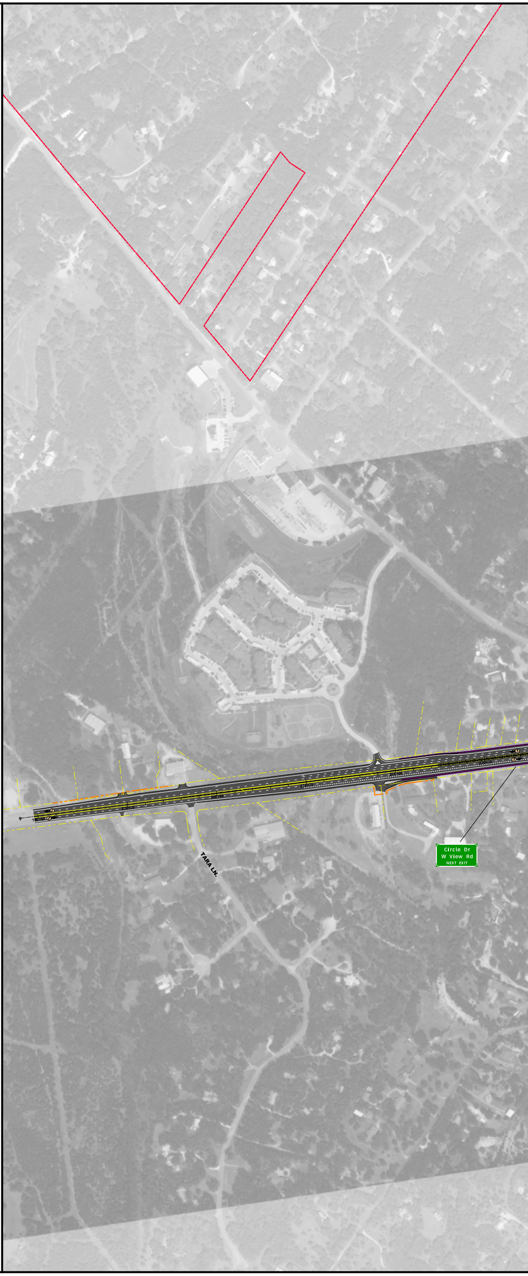
US 290 SECTION "E-E"
STA. 359+00

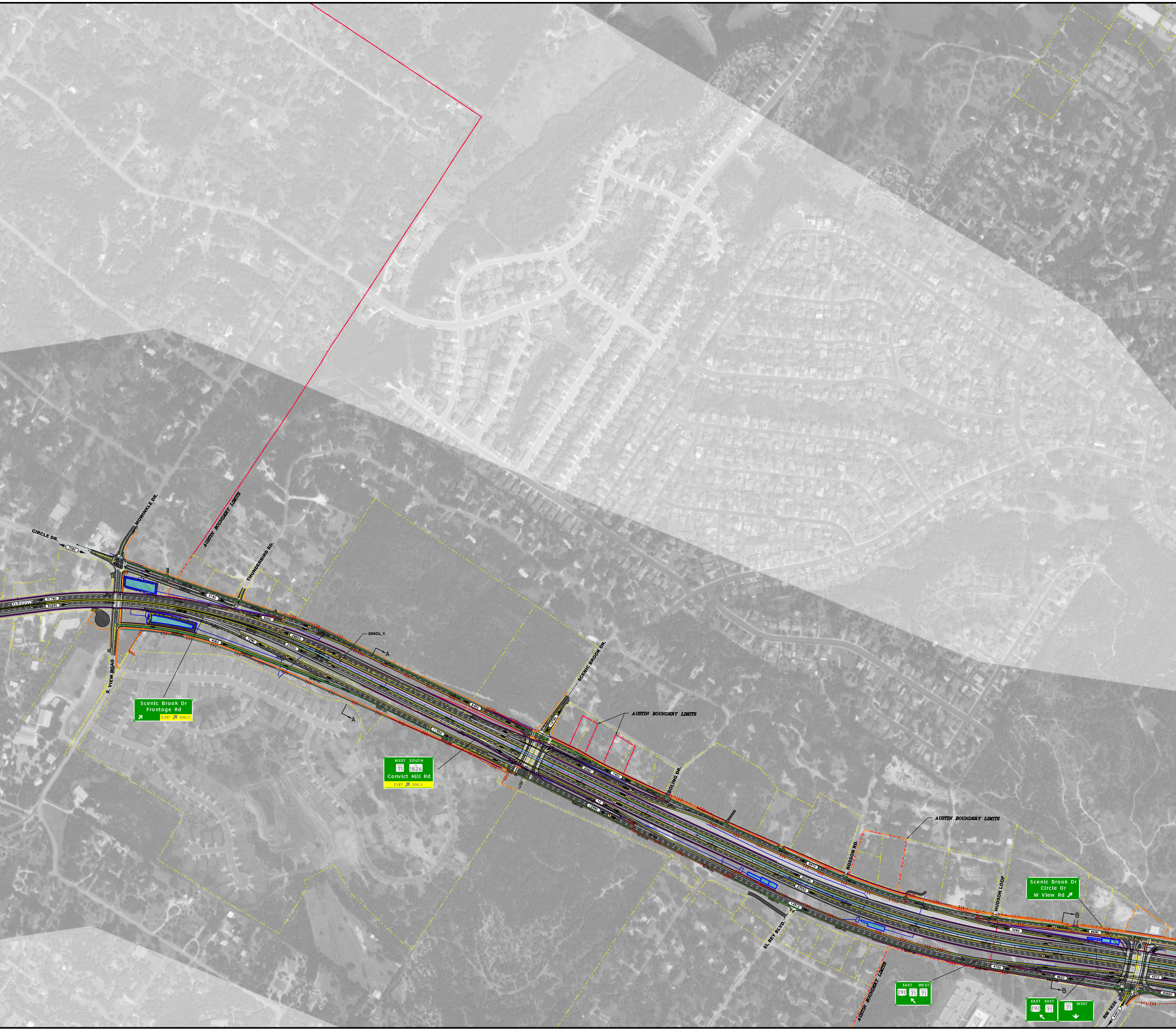

EXIST. ROW
290CL_1
EXISTING GROUND
WILLIAMSON CREEK
WB MAINLANES
EB MAINLANES
WB FRONTAGE RD.
EB FRONTAGE RD.

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

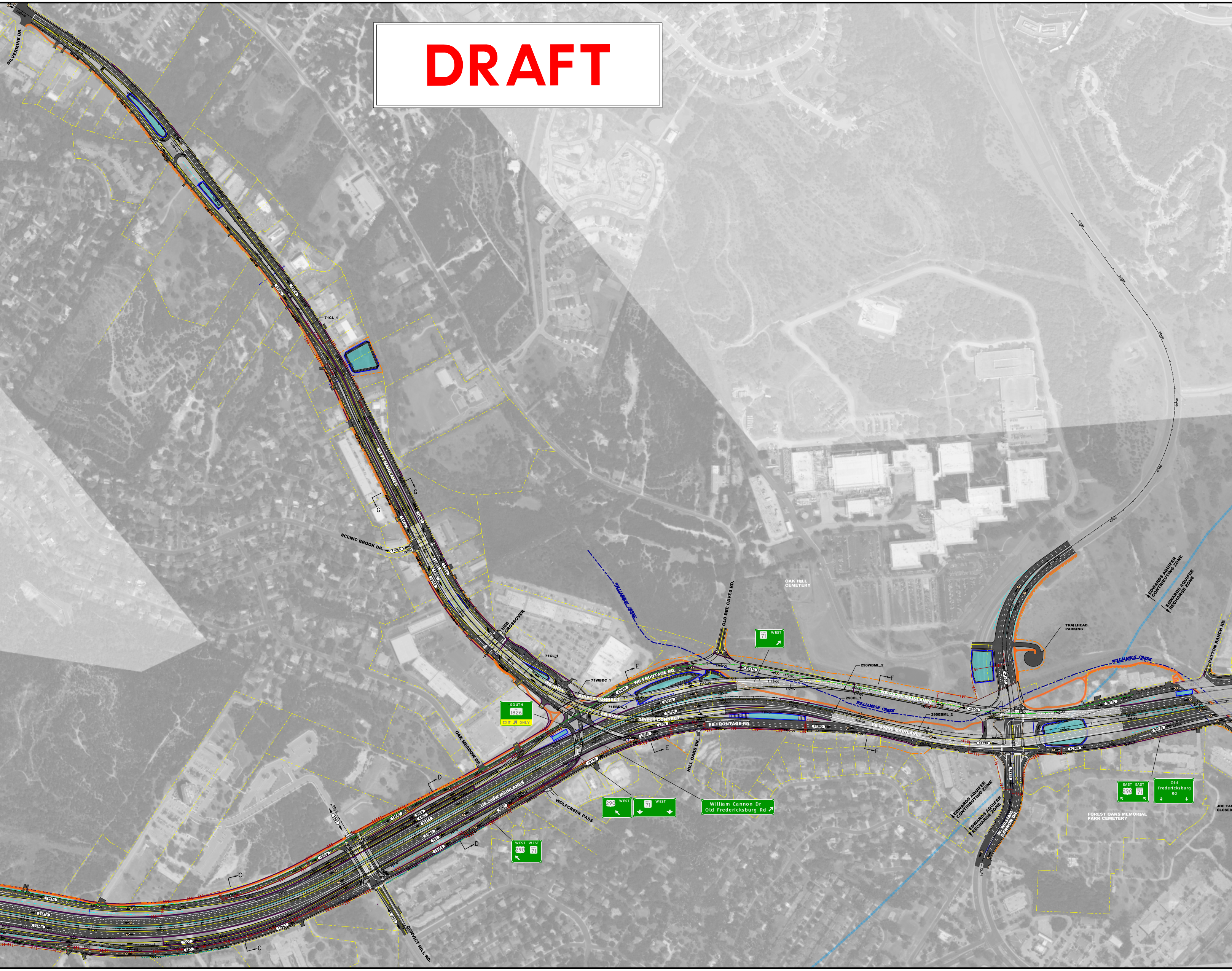

PROP. ROW
EXIST. ROW
71CL_1
WB MAINLANES
EB MAINLANES
WB FRONTAGE RD.
EB FRONTAGE RD.

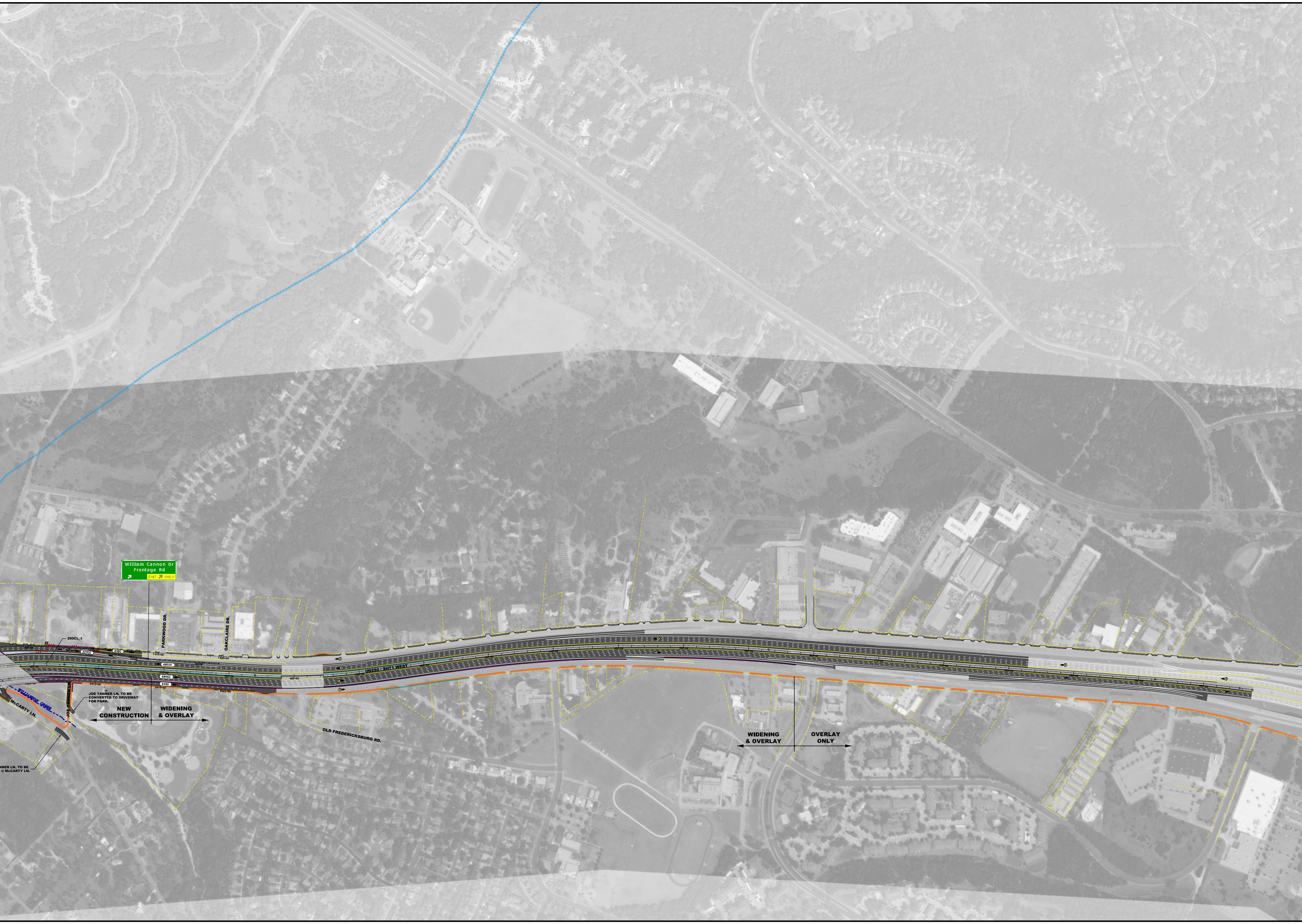
SH71 SECTION "G-G"
STA. 1079+50

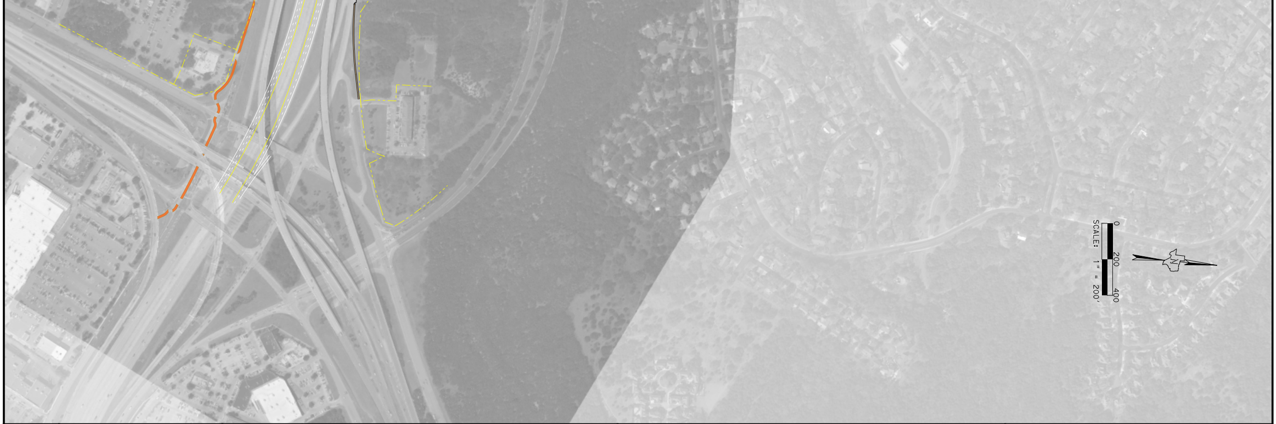

TARA LN.
Circle Dr
W View Rd
NEXT EXIT


CIRCLE DR.
7580
MOWINKLE DR.
AUSTIN BOUNDERY LIMITS
THUNDERBIRD RD.
US290W
31780
30830
3190
3260
28650
7290
23550
4060
290CL_1
A
A
S. VIEW ROAD
Scenic Brook Dr
Frontage Rd
EXIT ONLY
SCENIC BROOK DR.
14790
6450
11350
AUSTIN BOUNDERY LIMITS
WEST SOUTH
71 1826
Convict Hill Rd
EXIT ONLY
2060
7450
10
12990
BOLING DR.
9970
26580
23550
14310
ROSSON RD.
EL REY BLVD.
AUSTIN BOUNDERY LIMITS
HUDSON LOOP
Scenic Brook Dr
Circle Dr
W View Rd
B
B
3280
6690
4700
9620
4310
20660
AUSTIN BOUNDERY LIMITS
EAST WEST
290 71 71
EAST EAST
290 71
71 WEST
RM 1826
44910

DRAFT


SILVERMINE DR.
71CL_1
SH71 MAINLANES
G
SCENIC BROOK DR.
HEB CROSSOVER
WILLIAMSON CREEK
OLD BEE CAVES RD.
OAK HILL CEMETERY
TEXAS 71 WEST
71WBDC_1
WB FRONTAGE RD.
WB SH71 DIRECT CONNECT
71EBDC_1
EB SH71 DIRECT CONNECT
EB FRONTAGE RD.
E
SOUTH RM 1826 EXIT ONLY
OAK MEADOW DR.
HILL OAKS DR.
D
U.S. 290W MAINLANES
WOLFCREEK PASS
290 WEST
TEXAS 71 WEST
William Cannon Dr
Old Fredericksburg Rd
WEST 290 WEST TEXAS 71
C
CONVICT HILL RD.
290WBML_2
F
WB US290 MAINLANES
290CL_1
290EBML_2
EB US290 MAINLANES
TRAILHEAD PARKING
EDWARDS AQUIFER CONTRIBUTING ZONE
EDWARDS AQUIFER RECHARGE ZONE
PATTON RANCH RD.
W. WILLIAM CANNON DR.
EAST 290 EAST TEXAS 71
Old Fredericksburg Rd
FOREST OAKS MEMORIAL PARK CEMETERY
JOE TAN
CLOSED
25190
25080
33910
32760
2100
13930
10190
4860
25250
46200
44790
41950
55330
30790
30260
23760


William Cannon Dr
Frontage Rd
EXIT ONLY
290CL_1
PARKWOOD DR.
OAKCLAIRE DR.
22300
8480
68500
68560
6490
US290 / SH71 WEST
WILLIAMSON CREEK
McCARTY LN.
JOE TANNER LN.
JOE TANNER LN. TO BE CONVERTED TO DRIVEWAY FOR PARK.
NNER LN. TO BE
@ McCARTY LN.
NEW CONSTRUCTION
WIDENING & OVERLAY
OLD FREDERICKSBURG RD.
WIDENING & OVERLAY
OVERLAY ONLY


0
200
400
SCALE: 1" = 200'
N

1
1

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