HIDALGO COUNTY

PRELIMINARY DESIGN SCHEMATIC FOR:
FM 2061

CSJ 1939-01-060

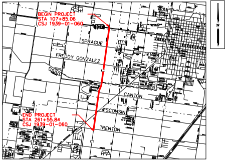
DESIGN DATA

	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
FM 2061	PRINCIPAL ARTERIAL	55 mph

BASIS OF DESIGN: TxDOT ROADWAY DESIGN MANUAL 2018 (REV. APRIL) - CH. 3 TXMUTCD

CURRENT AND PROJECTED TRAFFIC DATA

ROADWAY: FM 2061 COUNTY: HIDALGO
LIMITS: FROM SH 107 TO TRENTON RD
TRAFFIC VOLUMES: EXISTING ADT (2018) - 19,781 VPD
ADT (2042) - 32,193 VPD


BEGIN PROJECT
STA 107+85.06
CSJ 1939-01-060
107
SPRAGUE
FREDDY GONZALEZ
CANTON
WISCONSIN
TRENTON
END PROJECT
STA 261+55.84
CSJ 1939-01-060
N

VICINITY MAP
SCALE: NTS

EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROAD CROSSINGS: SOUTHERN PACIFIC RAILROAD

NOT A BIDDING DOCUMENT

HORZ SCALE: 1"=100'
0' 50' 100' 200'

PRELIMINARY SUBJECT TO CHANGE

PRELIMINARY

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW ONLY UNDER THE AUTHORITY OF:
DAVID F.J. CALABUIG, PE
TEXAS REGISTRATION: 92786
DATE: 5/15/2020

IT IS NOT TO BE USED FOR BIDDING, CONSTRUCTION, OR PERMIT PURPOSES.

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY
AREA ENGINEER

RECOMMENDED BY
DISTRICT DESIGN ENGINEER

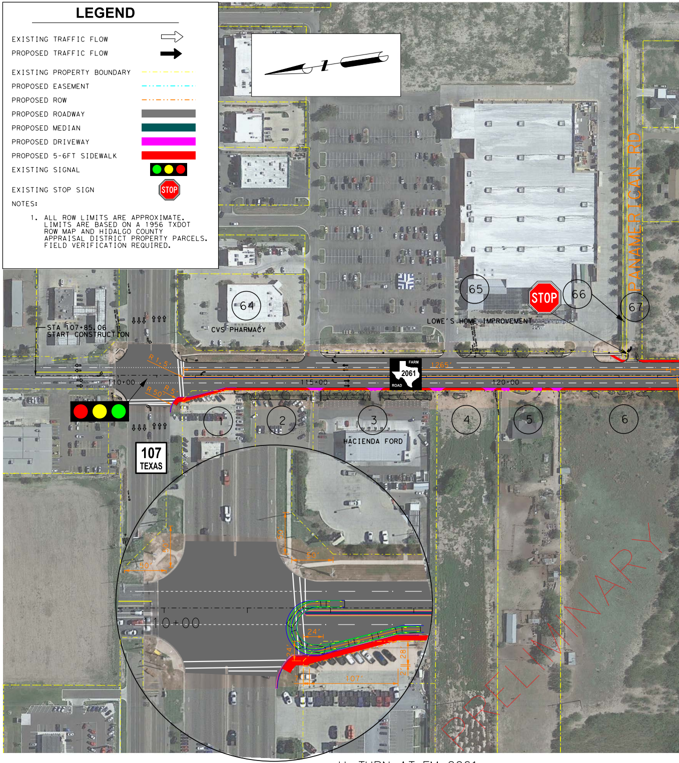
RECOMMENDED BY
DISTRICT ENGINEER

Texas Department of Transportation

Binkley & Barfield
consulting engineers

Binkley & Barfield, Inc. | TxEng F-257
2401 Double Creek Dr, Ste 200, Round Rock, TX 78664
512.292.0006 | BinkleyBarfield.com

DATE: 5/15/2020 TIME: 11:38:27 AM
FILE: J:\TxDOT\1900000187.000*WA 3 FM 2061\6.00*CADD\6.03*Drawings\6.03.3*Schematics\FM2061*SCHEMATIC*01.dgn
ROLLPLOT$PLTDRVL$ PEN TABLE -



LEGEND

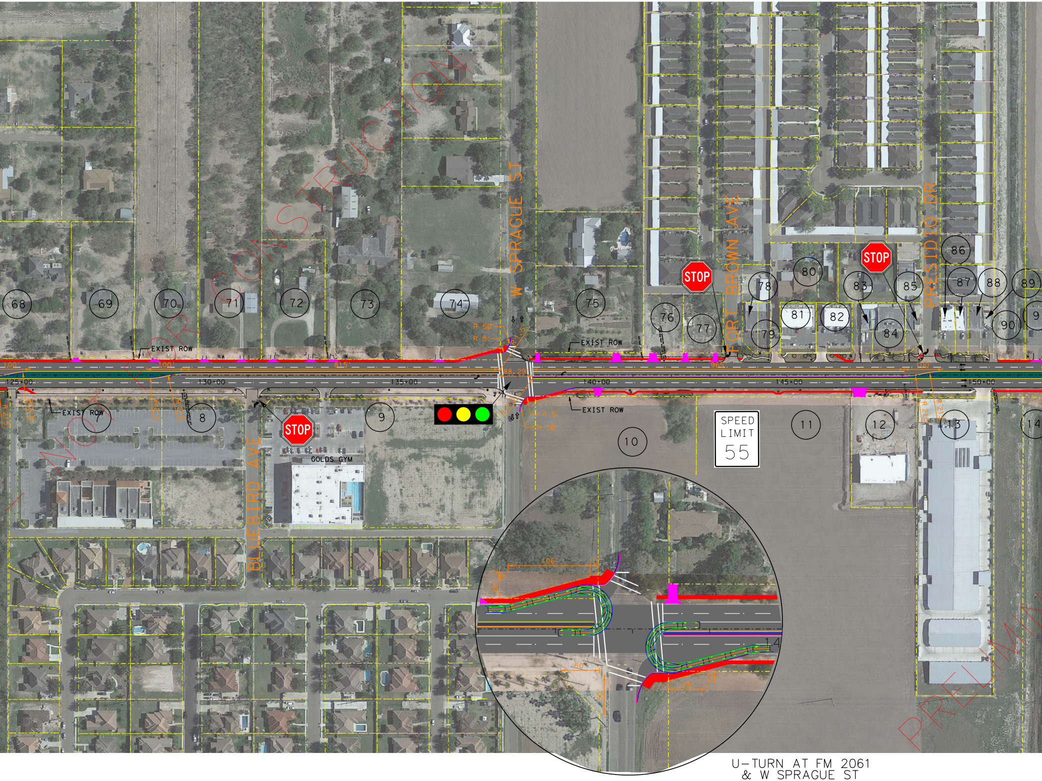
EXISTING TRAFFIC FLOW	⇨
PROPOSED TRAFFIC FLOW	➡
EXISTING PROPERTY BOUNDARY	- - -
PROPOSED EASEMENT	-·-·-
PROPOSED ROW	-·-·-
PROPOSED ROADWAY	▬
PROPOSED MEDIAN	▬
PROPOSED DRIVEWAY	▬
PROPOSED 5-6FT SIDEWALK	▬
EXISTING SIGNAL	●●●
EXISTING STOP SIGN	STOP

NOTES:

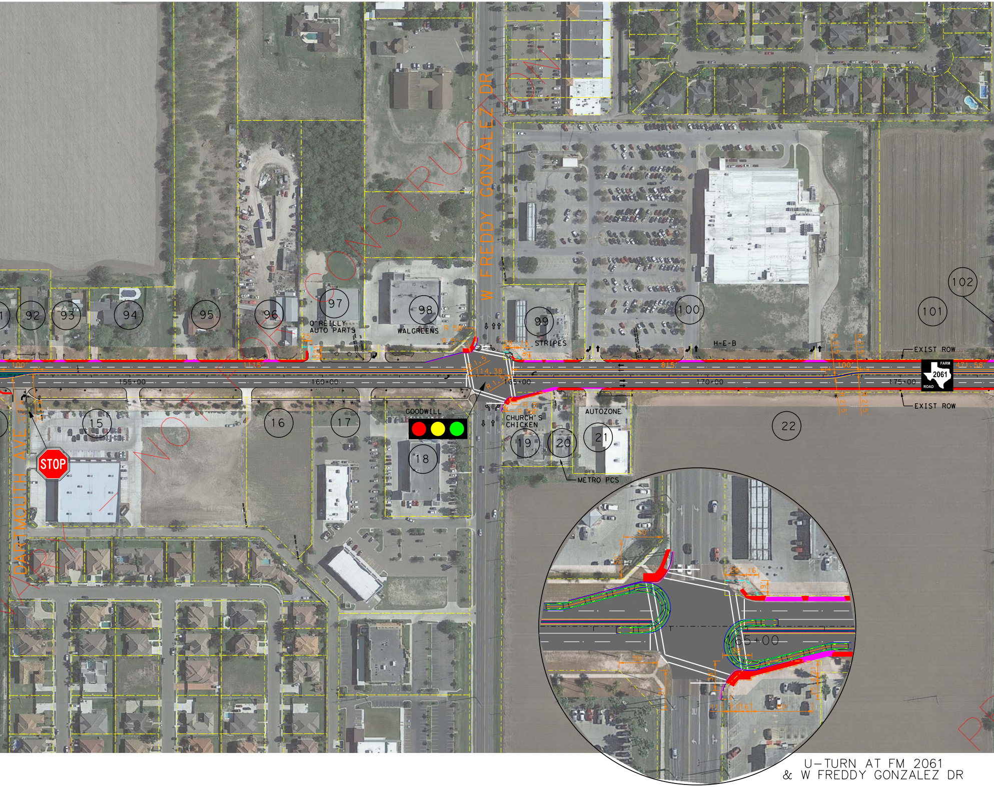
1. ALL ROW LIMITS ARE APPROXIMATE. LIMITS ARE BASED ON A 1956 TXDOT ROW MAP AND HIDALGO COUNTY APPRAISAL DISTRICT PROPERTY PARCELS. FIELD VERIFICATION REQUIRED.

65
66
67
PANAMERICAN RD
STOP
LOWE'S HOME IMPROVEMENT
64
CVS PHARMACY
STA 107+85.06
START CONSTRUCTION
R 1.5'
R 50'
R 5'
110+00
115+00
120+00
1265'
FARM
2061
ROAD
107
TEXAS
1
2
3
4
5
6
HACIENDA FORD
50'
50'
50'
50'
110+00
24'
24'
28'
2'
107'
PRELIMINARY

U-TURN AT FM 2061 & SH 107

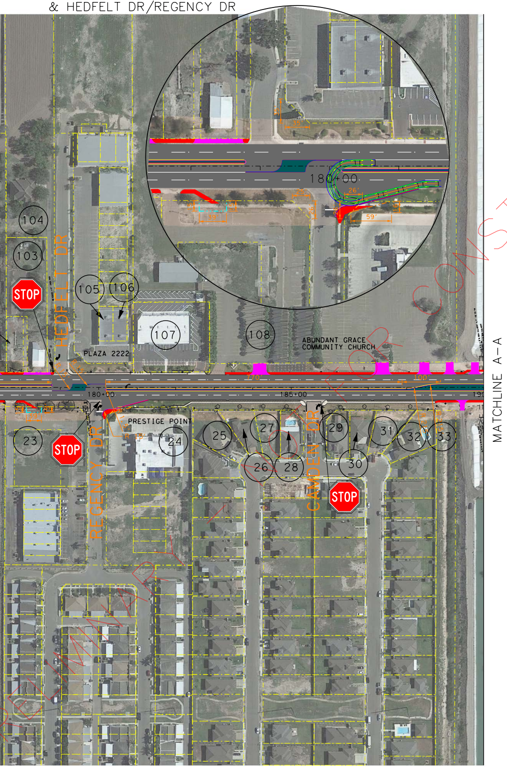

NOT FOR CONSTRUCTION
PRELIMIN
W SPRAGUE ST
FORT BROWN AVE
PRESIDIO DR
BLUEBIRD AVE
GOLDS GYM
STOP
STOP
STOP
SPEED LIMIT 55
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
9
7
8
9
10
11
12
13
14
125+00
130+00
135+00
140+00
145+00
150+00
100'
100'
815'
965'
100'
88.29'
R 50'
R 5'
R 1.5'
R 5'
R 50'
R 1.5'
R 215'
R 215'
R 215'
R 215'
R 215'
R 215'
106
50
50
14

U-TURN AT FM 2061
& W SPRAGUE ST


W FREDDY GONZALEZ DR
NOT FOR CONSTRUCTION
DARTMOUTH AVE
92
93
94
95
96
97
O'REILLY AUTO PARTS
98
WALGREENS
99
STRIPES
100
H-E-B
101
102
EXIST ROW
FARM 2061 ROAD
15
16
17
GOODWILL
18
STOP
CHURCH'S CHICKEN
19
20
21
AUTOZONE
METRO PCS
22
155+00
160+00
165+00
170+00
175+00
100'
115'
815'
471.58'
165+00

U-TURN AT FM 2061
& W FREDDY GONZALEZ DR

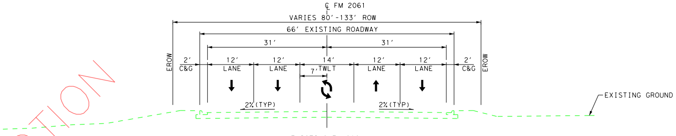
U–TURN AT FM 2061
& HEDFELT DR/REGENCY DR



104
103
105
106
107
108
STOP
HEDFELT DR
PLAZA 2222
ABUNDANT GRACE COMMUNITY CHURCH
180+00
185+00
26'
59'
23
24
25
26
27
28
29
30
31
32
33
PRESTIGE POINT
REGENCY DR
CAMDEN DR
MATCHLINE A–A

FOR CONSTRUCTION

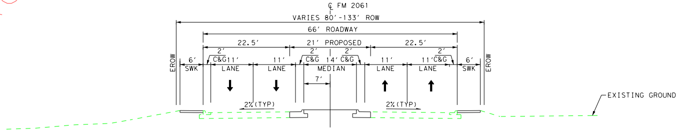
TYPICAL SECTIONS (N.T.S.)



℄ FM 2061
VARIES 80′-133′ ROW
66′ EXISTING ROADWAY
31′
31′
EROW
2′ C&G
12′ LANE
12′ LANE
14′ TWLT
7′
12′ LANE
12′ LANE
2′ C&G
EROW
2% (TYP)
2% (TYP)
EXISTING GROUND

EXISTING FM 2061

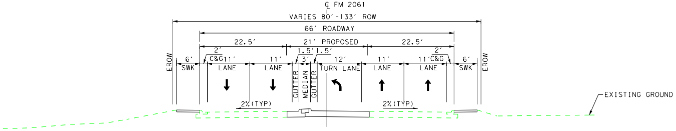
111+69.08 - 257+95.69



℄ FM 2061
VARIES 80′-133′ ROW
66′ ROADWAY
22.5′
21′ PROPOSED
22.5′
EROW
6′ SWK
2′ C&G
11′ LANE
11′ LANE
2′ C&G
14′ MEDIAN
2′ C&G
7′
11′ LANE
11′ LANE
2′ C&G
6′ SWK
EROW
2% (TYP)
2% (TYP)
EXISTING GROUND

PROPOSED FM 2061 - MEDIAN

122+34.08 - 131+36.33
146+04.62 - 154+62.42
174+06.81 - 179+64.46
186+28.06 - 194+50.57
212+50.43 - 225+03.59
240+40.01 - 242+78.03



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EROW
6′ SWK
2′ C&G
11′ LANE
11′ LANE
1.5′
1.5′
3′
GUTTER
MEDIAN
GUTTER
12′ TURN LANE
11′ LANE
11′ LANE
2′ C&G
6′ SWK
EROW
2% (TYP)
2% (TYP)
EXISTING GROUND

PROPOSED FM 2061 - LEFT TURN BAY

NORTHBOUND	*SOUTHBOUND*
111+69.08 - 122+34.08	*131+36.33 - 137+51.33*
138+39.62 - 146+04.62	*154+62.42 - 163+77.42*
164+91.81 - 174+06.81	*194+50.57 - 205+15.50*
180+18.06 - 186+28.06	*225+03.59 - 231+68.59*
206+40.43 - 212+50.43	*242+78.03 - 248+88.03*
232+75.01 - 240+40.01	*253+34.97 - 257+95.69*
249+74.25 - 254+34.97	

HIDALGO COUNTY

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CSJ 1939-01-060

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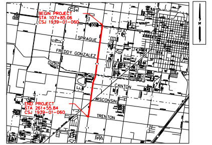
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N

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SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY ____________ RECOMMENDED BY ____________

AREA ENGINEER DISTRICT DESIGN ENGINEER

RECOMMENDED BY ____________

DISTRICT ENGINEER

Texas Department of Transportation

Binkley & Barfield consulting engineers

Binkley & Barfield, Inc. | TxEng F-257
2401 Double Creek Dr, Ste 200, Round Rock, TX 78664
512.292.0006 | BinkleyBarfield.com

DATE: 4/23/2020 TIME: 5:16:38 PM
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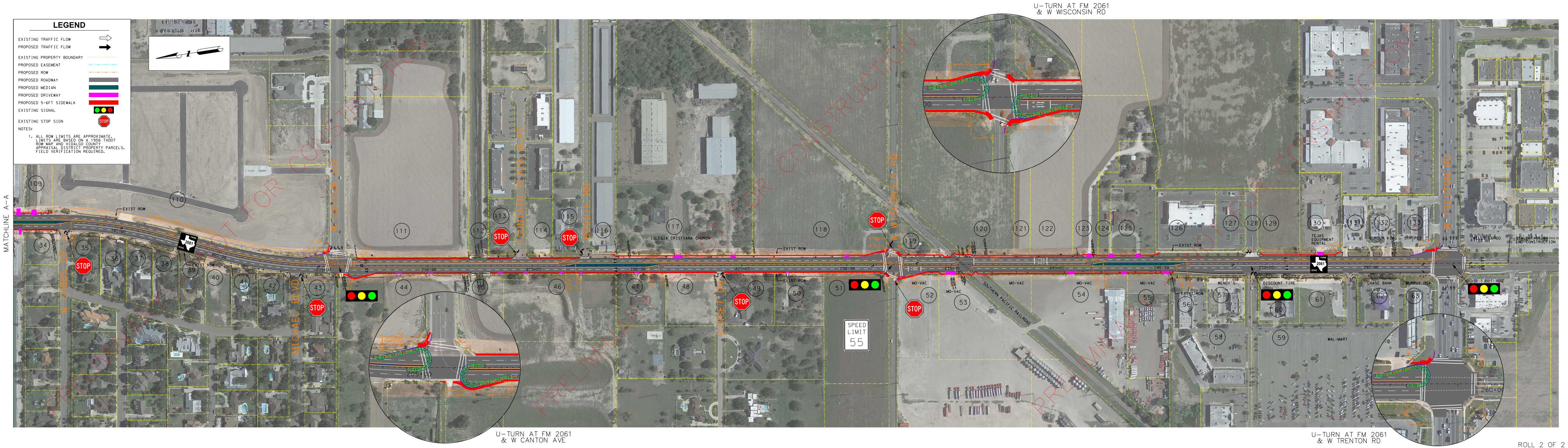
ROLLPLOTBMPLTDRV.LS PEN TABLE -

ROLL 2 OF 2


MATCHLINE A-A
U-TURN AT FM 2061 & W WISCONSIN RD
U-TURN AT FM 2061 & W CANTON AVE
U-TURN AT FM 2061 & W TRENTON RD
EXIST ROW
SIDEWALK COMPLETED BY OTHERS
100'
1225'
195+00
200+00
205+00
210+00
215+00
220+00
225+00
230+00
235+00
240+00
245+00
250+00
255+00
260+00
985'
1040'
865'
1165'
124.93
106.43
R 50'
R 5'
R 1.5'
R 215'
FARM ROAD 2061
W HOBBS DR
MICHAEL BLVD
W CANTON AVE
FOUNTAIN PLAZA BLVD
BONNIE RD
SUNSET DR
W WISCONSIN RD
W TRENTON RD
SOUTHERN PACIFIC RAILROAD
IGLESIA CRISTIANA CHURCH
MO-VAC
WENDY'S
DISCOUNT TIRE
WAL-MART
TEJAS EQUIPMENT RENTAL
BURGER KING
STRIPES
CHASE BANK
MURPHY USA
WELLS FARGO
STA 261+55.84
END CONSTRUCTION
STOP
SPEED LIMIT 55
SIDEWALK COMPLETED BY OTHERS
95'
25'
35'
40'
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
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124
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127
128
129
130
131
132
133
PRELIMINARY
NOT FOR CONSTRUCTION

LEGEND

EXISTING TRAFFIC FLOW	⇨
PROPOSED TRAFFIC FLOW	➡
EXISTING PROPERTY BOUNDARY	-·-·-
PROPOSED EASEMENT	-·-·-
PROPOSED ROW	-·-·-
PROPOSED ROADWAY	▬
PROPOSED MEDIAN	▬
PROPOSED DRIVEWAY	▬
PROPOSED 5-6FT SIDEWALK	▬
EXISTING SIGNAL	🟢🟡🔴
EXISTING STOP SIGN	STOP

NOTES:

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ROLL 2 OF 2