TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
DESIGN SCHEMATIC

JAMES K. SELMAN, P.E.
DISTRICT ENGINEER

ELLIS COUNTY

US 77

CSJ: 0048-03-050 & 055

FROM: SOUTH OF FM 66
TO: NORTH OF McMILLAN ST.
NET LENGTH OF PROJECT: 0.791 MILES

FUNCTIONAL CLASSIFICATION:
URBAN PRINCIPAL ARTERIAL

US 77: 10,300 ADT (2015) 14,000 ADT (2035)
MONROE: 10,300 ADT (2015) 14,200 ADT (2035)

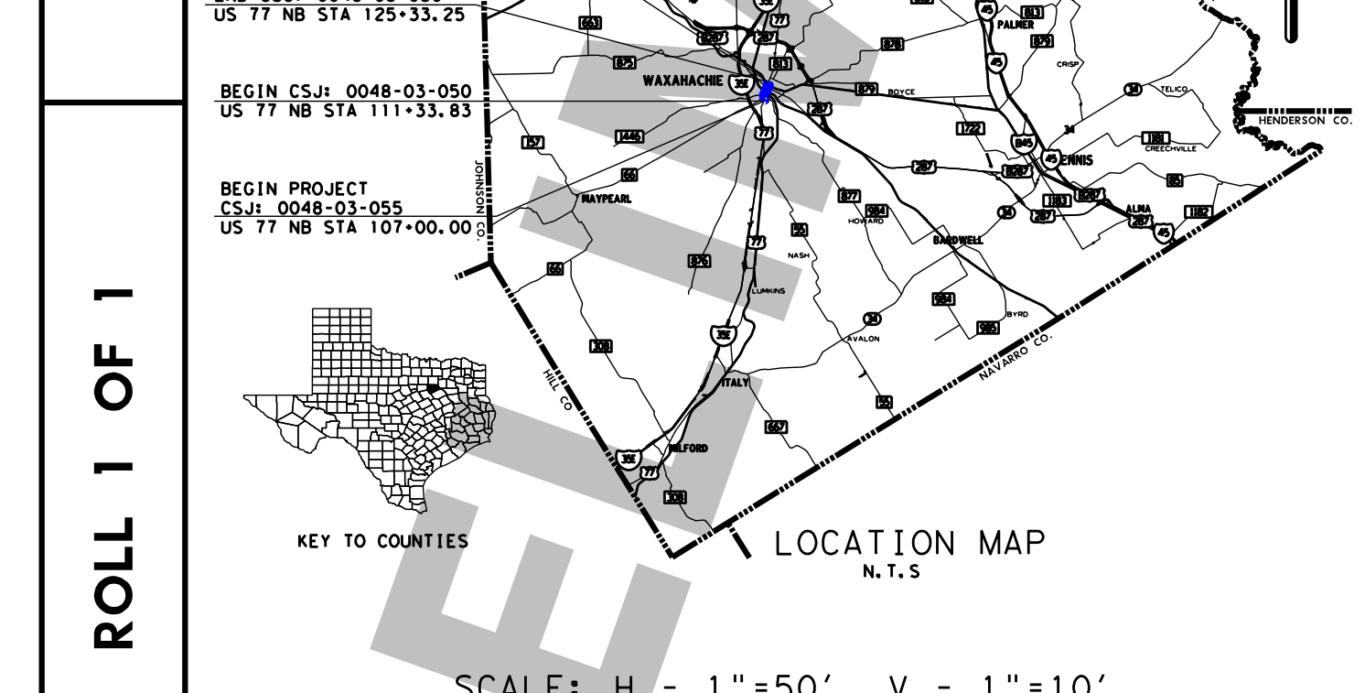
DESIGN SPEED

PRINCIPAL ARTERIAL (US 77) = 30 MPH
CROSS STREETS = 25 MPH

DESIGN SCHEMATIC FOR US 77

COUNTY: ELLIS
DATE: MAR 2017

ROLL 1 OF 1



END PROJECT
CSJ: 0048-03-055
US 77 NB STA 148+75.03

END CSJ: 0048-03-050
US 77 NB STA 125+33.25

BEGIN CSJ: 0048-03-050
US 77 NB STA 111+33.83

BEGIN PROJECT
CSJ: 0048-03-055
US 77 NB STA 107+00.00

KEY TO COUNTIES

LOCATION MAP
N.T.S

SCALE: H - 1"=50', V - 1"=10'

PRINTED: 3/24/2017

SCHEMATIC PREPARED BY:
BROWN & GAY ENGINEERS, INC.
REGISTRATION NUMBER F-1046

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Prepared by or under the Direct Supervision of:

MICHAEL G. ZIEMINSKI 103845
NAME P.E. NUMBER

NAME P.E. NUMBER

3/24/2017
DATE

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PRELIMINARY

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TBPE Registration No. F-1046

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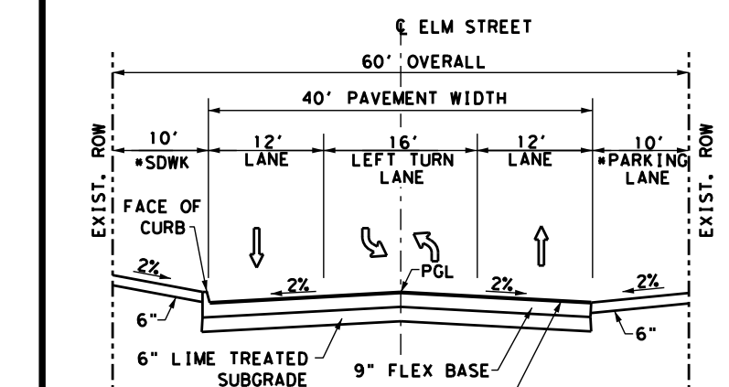
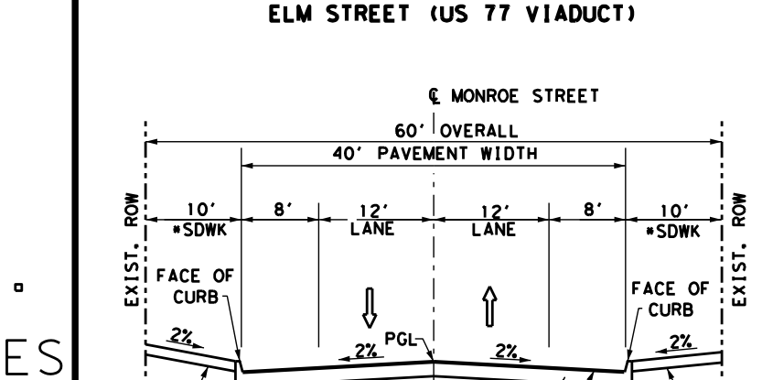
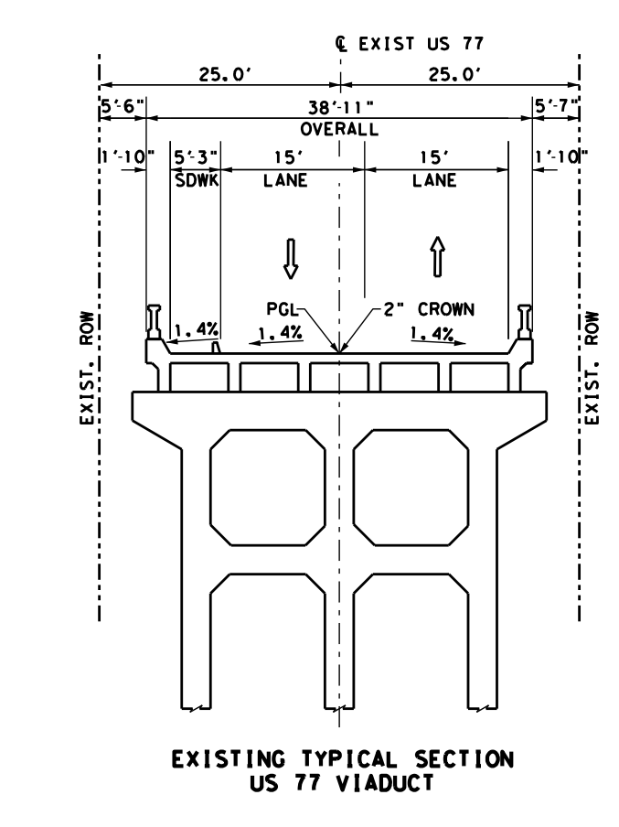
EXISTING TYPICAL SECTIONS



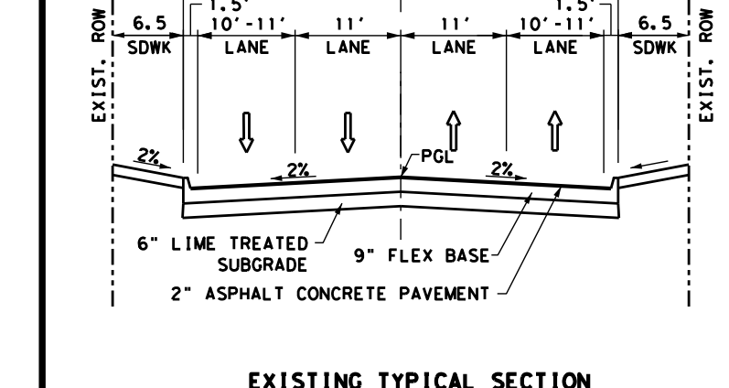
* PARKING LANE & SIDEWALK NOT CONTINUOUS
EXISTING TYPICAL SECTION
ELM STREET (US 77 VIADUCT)



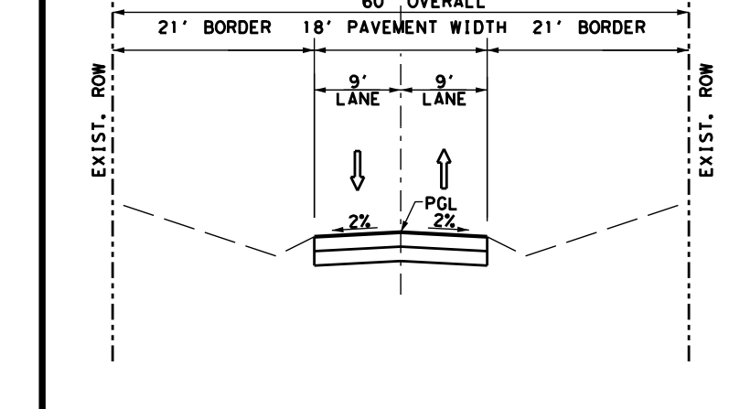
* SIDEWALK NOT CONTINUOUS
EXISTING TYPICAL SECTION
MONROE STREET



EXISTING TYPICAL SECTION
US 77 VIADUCT

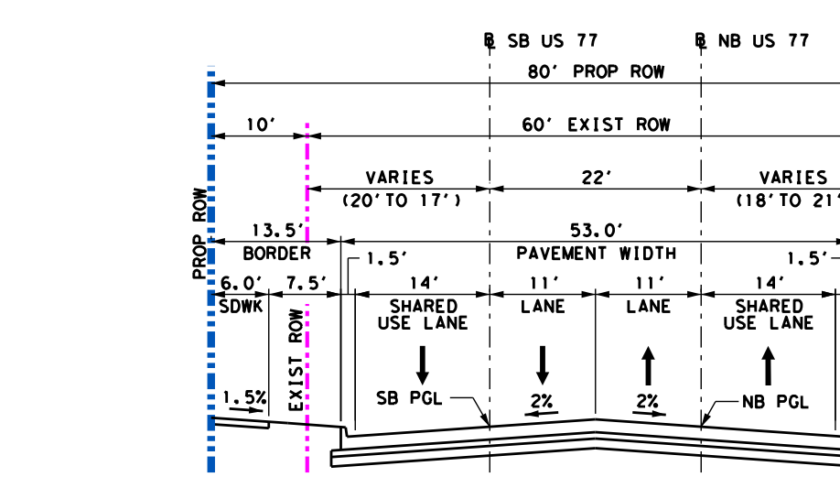


EXISTING TYPICAL SECTION
US 77 (AT END OF PROJECT)



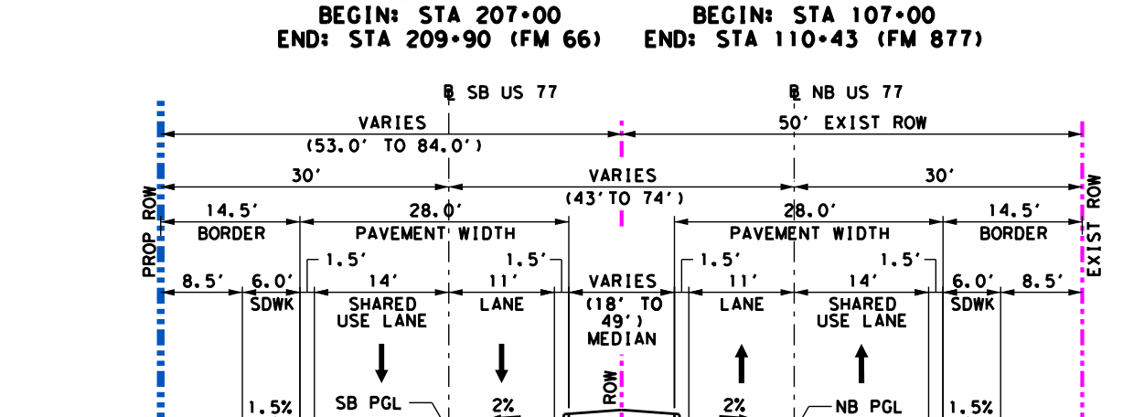
EXISTING TYPICAL SECTION
DUNAWAY ST.

PROPOSED TYPICAL SECTIONS



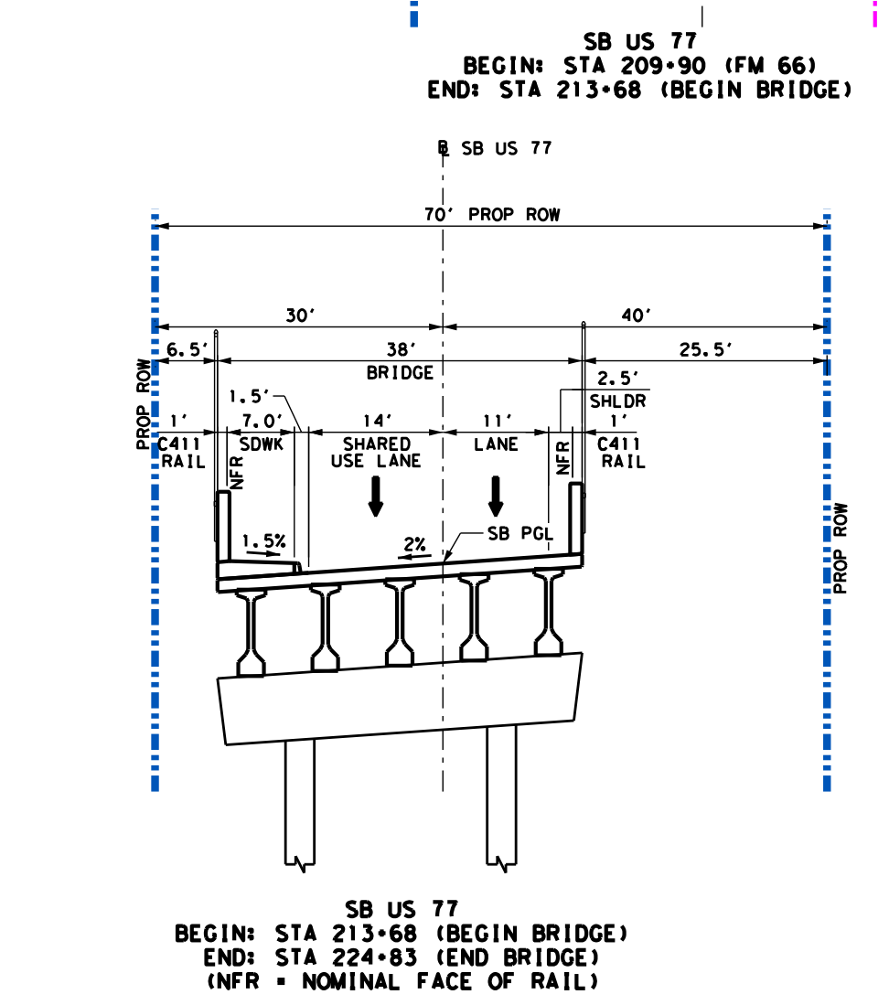
SB US 77
BEGIN: STA 207+00
END: STA 209+90 (FM 66)

NB US 77
BEGIN: STA 107+00
END: STA 110+43 (FM 877)

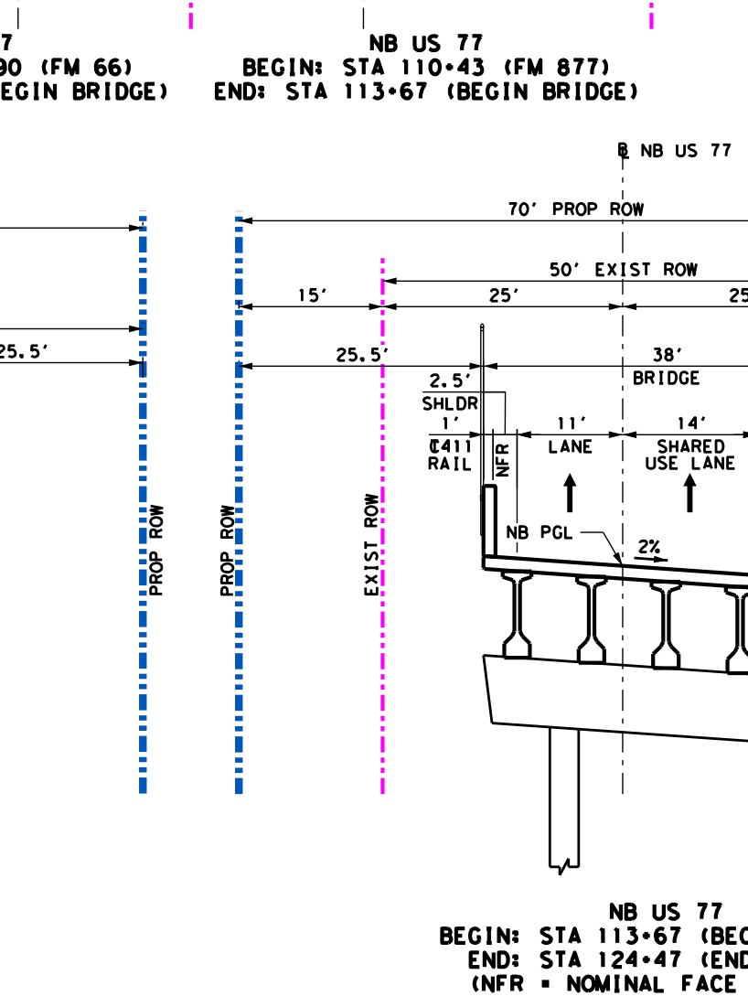


SB US 77
BEGIN: STA 209+90 (FM 66)
END: STA 213+68 (BEGIN BRIDGE)

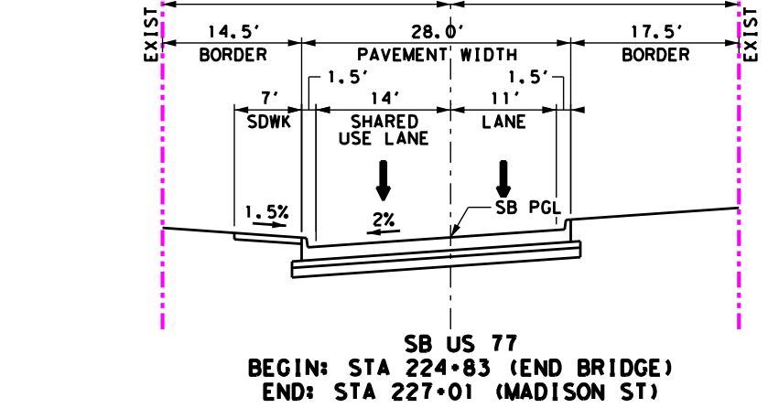
NB US 77
BEGIN: STA 110+43 (FM 877)
END: STA 113+67 (BEGIN BRIDGE)



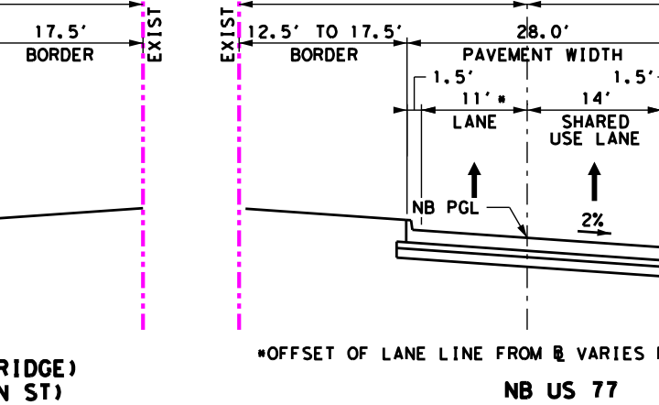
SB US 77
BEGIN: STA 213+68 (BEGIN BRIDGE)
END: STA 224+83 (END BRIDGE)
(NFR = NOMINAL FACE OF RAIL)



NB US 77
BEGIN: STA 113+67 (BEGIN BRIDGE)
END: STA 124+47 (END BRIDGE)
(NFR = NOMINAL FACE OF RAIL)

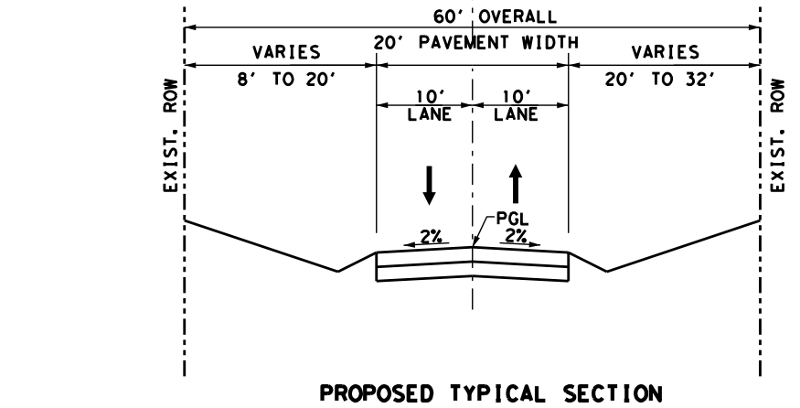


SB US 77
BEGIN: STA 224+83 (END BRIDGE)
END: STA 227+01 (MADISON ST)

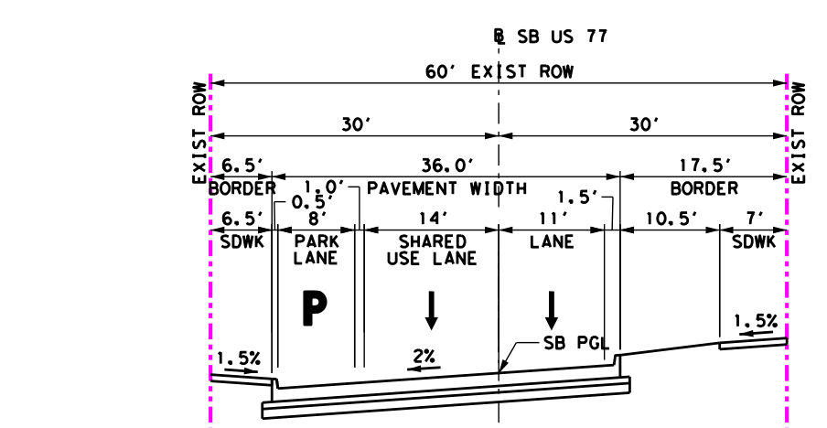


*OFFSET OF LANE LINE FROM ℄ VARIES FROM 0' TO 5'

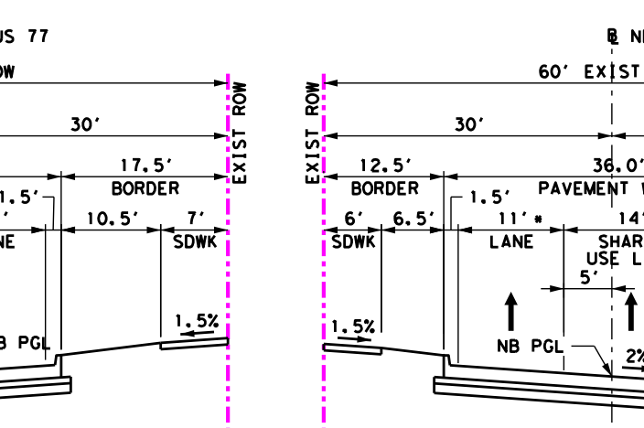
NB US 77
BEGIN: STA 124+47 (END BRIDGE)
END: STA 126+72 (MADISON ST)



PROPOSED TYPICAL SECTION
DUNAWAY ST.

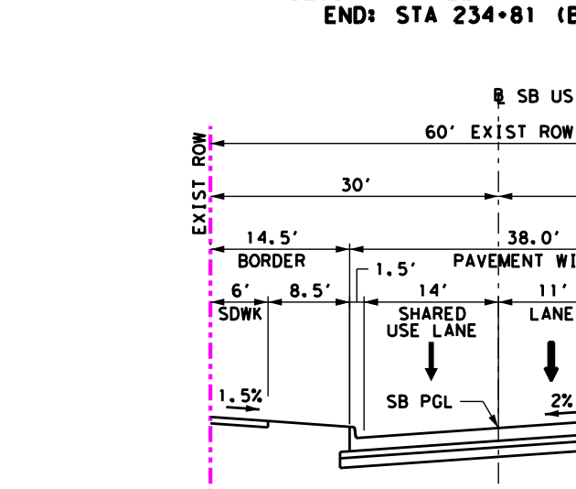


SB US 77
BEGIN: STA 227+01 (MADISON ST)
END: STA 234+81 (BUS 287)

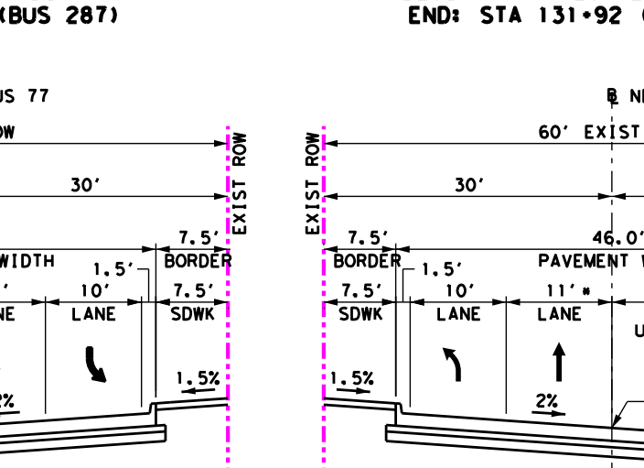


*OFFSET OF LANE LINE FROM ℄ IS 5'

NB US 77
BEGIN: STA 126+72 (MADISON ST)
END: STA 131+92 (FRANKLIN ST)

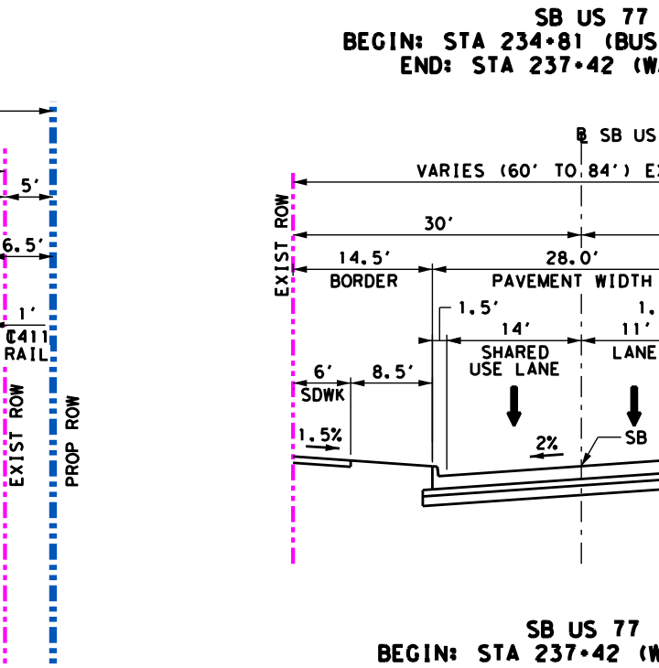


SB US 77
BEGIN: STA 234+81 (BUS 287/MAIN ST)
END: STA 237+42 (WATERS ST)

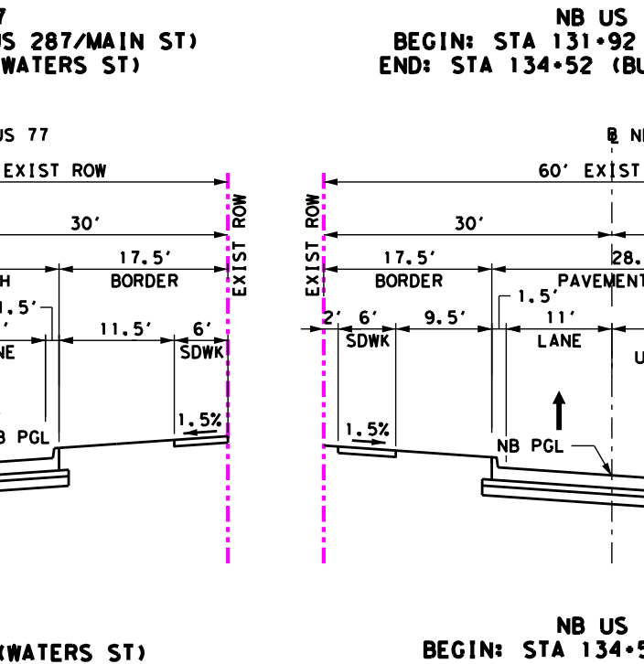


*OFFSET OF LANE LINE FROM ℄ VARIES FROM 0' TO 5'

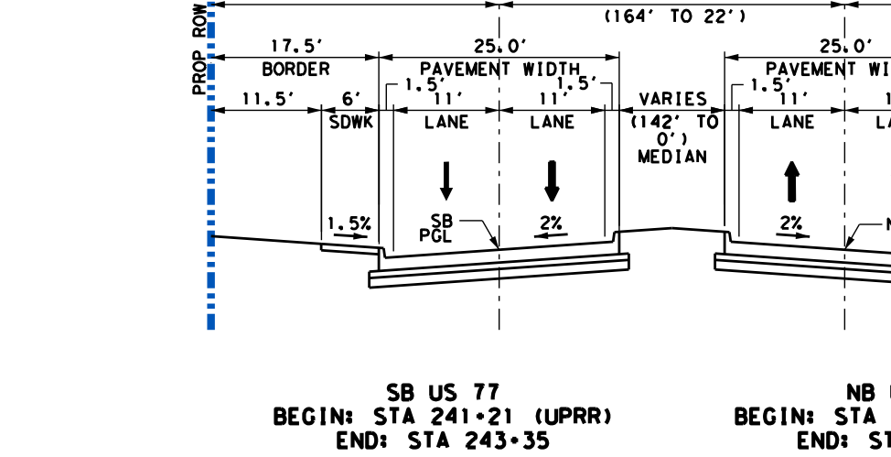
NB US 77
BEGIN: STA 131+92 (FRANKLIN ST)
END: STA 134+52 (BUS 287/MAIN ST)



SB US 77
BEGIN: STA 237+42 (WATERS ST)
END: STA 241+21 (UPRR)

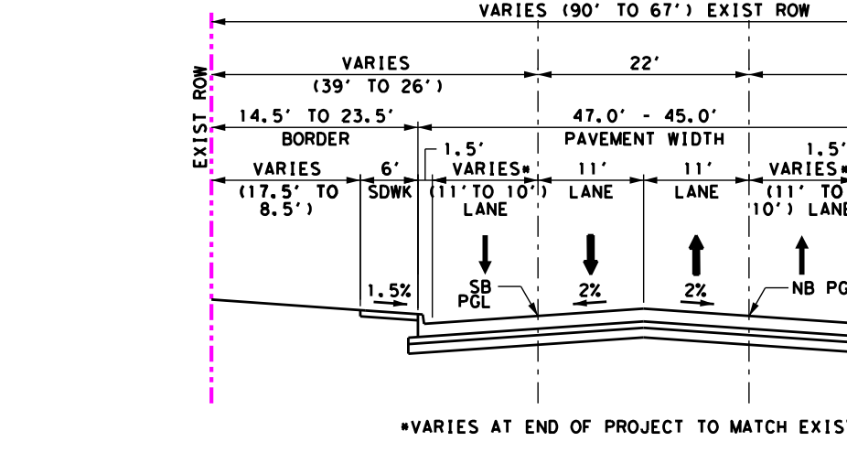


NB US 77
BEGIN: STA 134+52 (BUS 287)
END: STA 141+18 (UPRR)



SB US 77
BEGIN: STA 241+21 (UPRR)
END: STA 243+35

NB US 77
BEGIN: STA 141+18 (UPRR)
END: STA 144+57

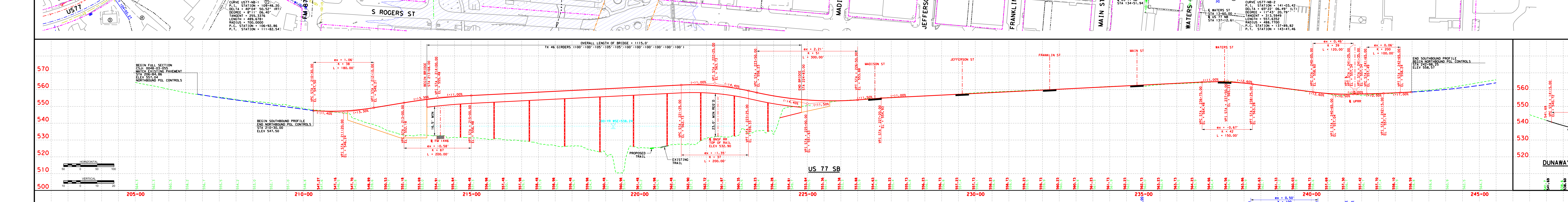


*VARIES AT END OF PROJECT TO MATCH EXISTING

SB US 77
BEGIN: STA 243+35
END: STA 247+84

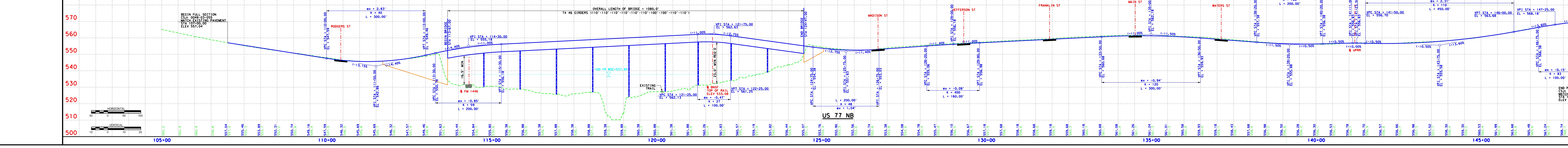
NB US 77
BEGIN: STA 144+57
END: STA 148+75

FM 66 (S ROGERS ST)
S COLLEGE ST
DUNAWAY ST
FM 1446 (CANTRELL ST)
FM 877 (HOWARD RD)
S ROGERS ST
BNSF RR
UPRR
MADISON ST
JEFFERSON ST
FRANKLIN ST
MAIN ST/BUS 287
MAIN ST
WATERS ST
FERRIS ST
MONROE ST
McMILLAN ST
US77
BEGIN PROJECT
END PROJECT
MATCH EXISTING PAVEMENT
PROPOSED RETAINING WALL
LIMITS OF 100-YR FLOOD (TYP)
REMOVE MONROE ST PAVEMENT
UPRR CROSSING



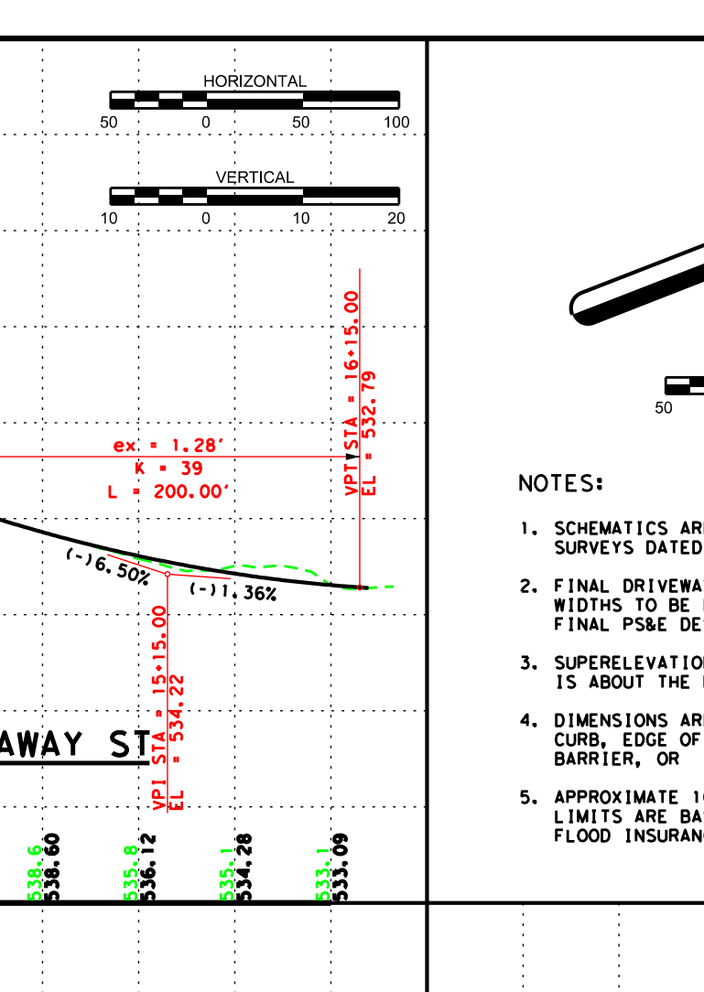
OVERALL LENGTH OF BRIDGE = 1115.0'
TX 46 GIRDERS (100'-100'-105'-105'-105'-100'-100'-100'-100'-100'-100')
BEGIN FULL SECTION
BEGIN SOUTHBOUND PROFILE
END NORTHBOUND PGL CONTROLS
BEGIN BRIDGE
END BRIDGE
℄ FM 1446
℄ BNSF RR TOP OF RAIL ELEV 532.90
23.0' MIN REQ'D
16.5' MIN
PROPOSED TRAIL
EXISTING TRAIL
100-YR WSE
MADISON ST
JEFFERSON ST
FRANKLIN ST
MAIN ST
WATERS ST
℄ UPRR
END SOUTHBOUND PROFILE
BEGIN NORTHBOUND PGL CONTROLS
STA 242+98.25
ELEV 558.57
205+00
210+00
215+00
220+00
225+00
230+00
235+00
240+00
245+00

US 77 SB

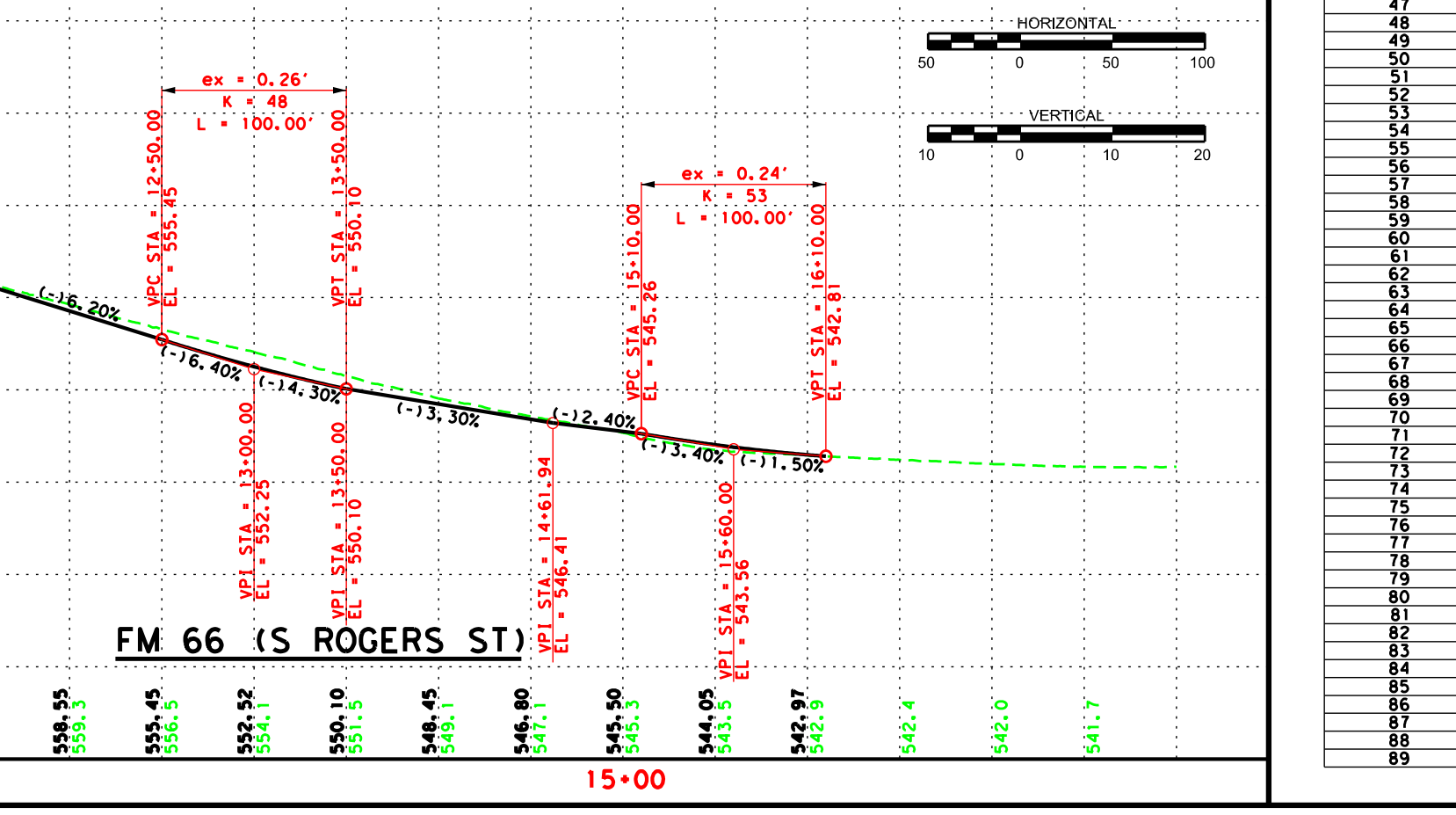


OVERALL LENGTH OF BRIDGE = 1080.0'
TX 46 GIRDERS (110'-110'-110'-110'-110'-110'-100'-110'-110'-110')
BEGIN FULL SECTION
STA 107+00.00
ELEV 557.04
RODGERS ST
BEGIN BRIDGE
END BRIDGE
℄ FM 1446
℄ BNSF TOP OF RAIL ELEV 533.08
23.0' MIN REQ'D
16.5' MIN
EXISTING TRAIL
MADISON ST
JEFFERSON ST
FRANKLIN ST
MAIN ST
WATERS ST
℄ UPRR
END PROJECT
CSJ: 0048-03-055
MATCH EXISTING PAVEMENT
STA 148+75.07
ELEV 571.78
105+00
110+00
115+00
120+00
125+00
130+00
135+00
140+00
145+00

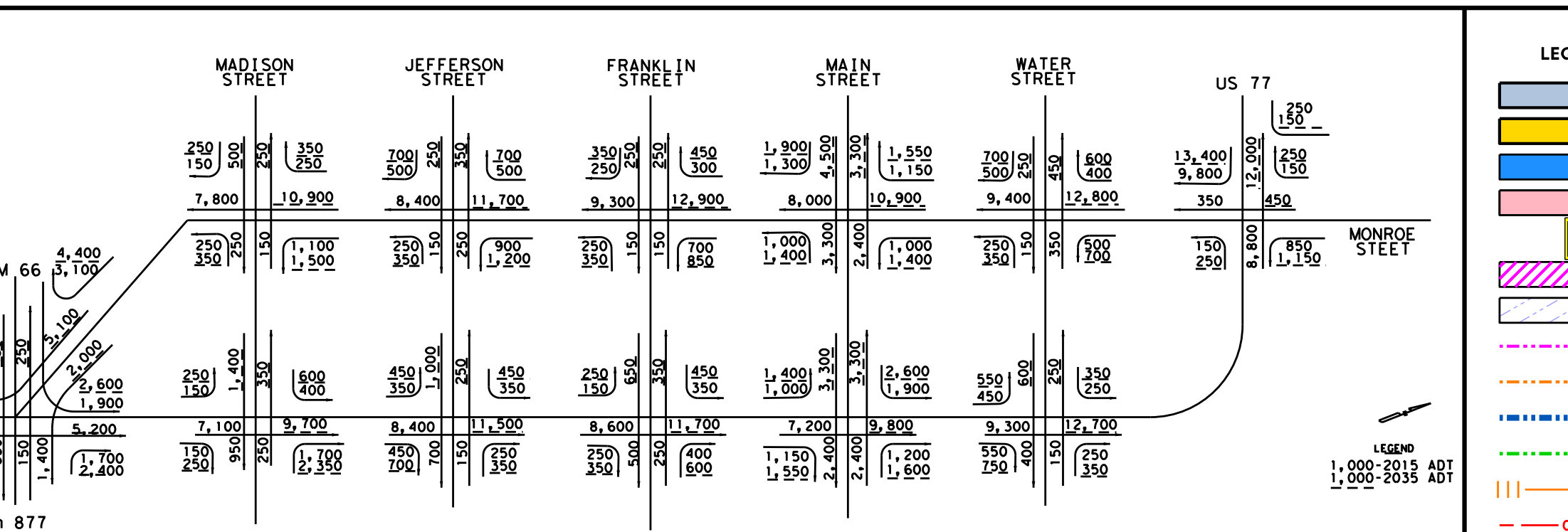
US 77 NB



DUNAWAY ST

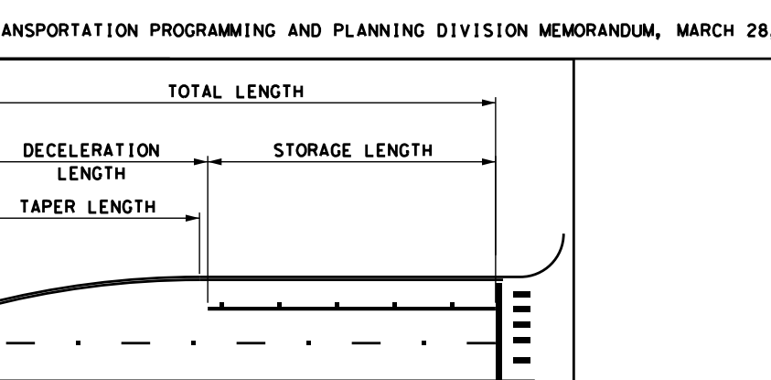


FM 66 (S ROGERS ST)



MADISON STREET
JEFFERSON STREET
FRANKLIN STREET
MAIN STREET
WATER STREET
US 77
MONROE STREET
FM 66
US 77
Fm 877
LEGEND
1,000-2015 ADT
1,000-2035 ADT

SOURCE: TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION MEMORANDUM, MARCH 28, 2014



TOTAL LENGTH
DECELERATION LENGTH
STORAGE LENGTH
TAPER LENGTH

TURN LANE/LANE SHIFT DATA

LOCATION	DIRECTION	TURN LANE				
		DECEL LENGTH (FT)	TAPER LENGTH (FT)	STORAGE LENGTH (FT)	LEFT/ RIGHT TURN	TOTAL LENGTH (FT)
ROGERS ST	NB	180	200	100	LEFT	280
MAIN ST	NB	82	82	100	LEFT	182
MAIN ST	SB	89	84	100	LEFT	189

LEGEND

▭	PROPOSED ROADWAY
▭	SIDEWALK
▭	ADA RAMP
▭	PROPOSED BRIDGE
🚦	EXISTING SIGNALIZED INTERSECTION
▨	DISPLACED BUILDINGS
▨	EXISTING 100-YEAR FLOODPLAIN
-·-·-	EXISTING ROW
-·-·-	EXISTING RAILROAD ROW
-·-·-	PROPOSED ROW
-·-·-	POTENTIAL TEMPORARY EASEMENT
|||——|||	DENIAL OF ACCESS
—OE1—	ONCOR OVERHEAD ELECTRIC
—OE1/T1—	ONCOR/ATT OVERHEAD ELECTRIC/TELEPHONE
—OE1/CTV1—	ONCOR/CHARTER OVERHEAD ELECTRIC/CTV
OE1/CTV1/T1	ONCOR/CHARTER/ATT OVERHEAD ELECTRIC/CTV/TELEPHONE
—OHT1—	ATT OVERHEAD TELEPHONE
—E1—	ONCOR ELECTRIC
—TS1—	TXDOT TRAFFIC SIGNAL
—FOC1—	ATT FIBER OPTIC CABLE
—FOC2—	FIBER OPTIC LEVEL 3
—T-DUCT1—	ATT TDUCT
—T1—	ATT TELEPHONE
—W1—	CITY OF WAXAHACHIE WATER
—W1(D)—	CITY OF WAXAHACHIE WATER (LEVEL D)
—WW1(C)—	CITY OF WAXAHACHIE WASTE WATER (LEVEL C)
—WW1(D)—	CITY OF WAXAHACHIE WASTE WATER (LEVEL D)
—G1—	GAS LINE
—G1(D)—	GAS LINE (LEVEL D)
(xx)	PROPERTY OWNERS
[xx]	DECELERATION LANE

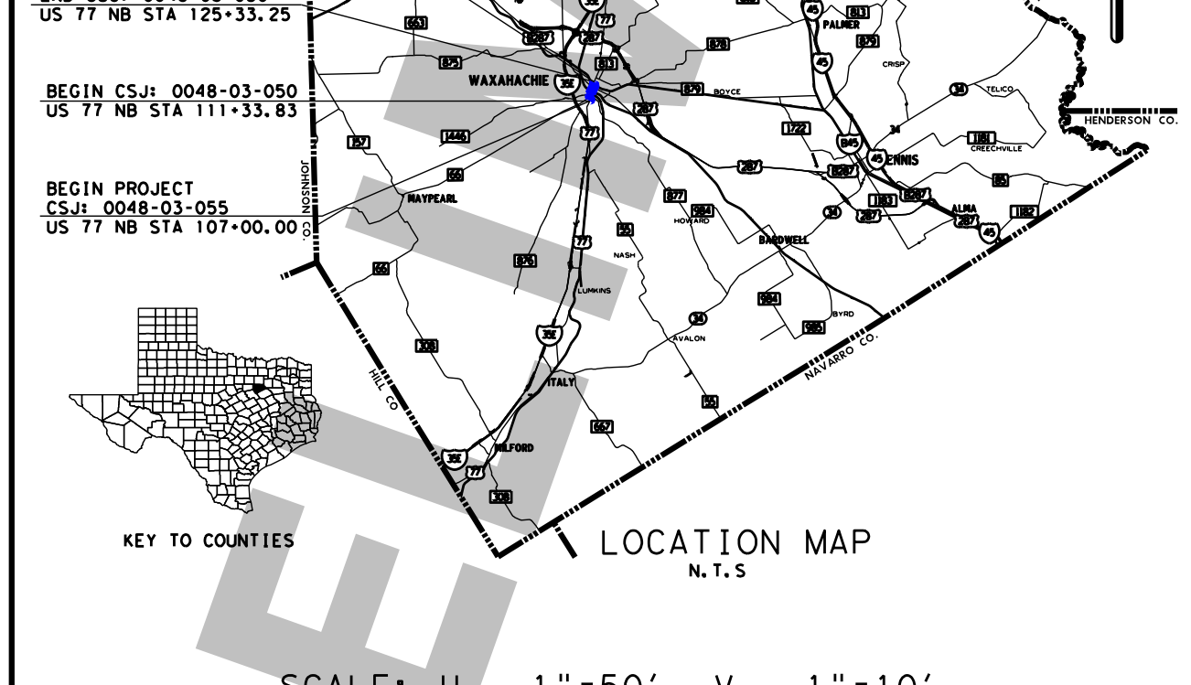
NOTES:

1. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED JANUARY 04, 2015.
2. FINAL DRIVEWAY LOCATIONS AND WIDTHS TO BE DETERMINED DURING FINAL PS&E DESIGN
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. DIMENSIONS ARE TO THE FACE OF CURB, EDGE OF PAVEMENT OR RAIL, BARRIER, OR WALL.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED ON UPON FEMA FLOOD INSURANCE RATE MAPS.
6. OWNERSHIP INFORMATION SHOWN ON SCHEMATICS OBTAINED FROM ELLIS COUNTY APPRAISAL DISTRICT (NOVEMBER, 2015).
7. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE FINAL DESIGN PHASE OF THE PROJECT.
8. CURBS ARE TYPE II UNLESS OTHERWISE NOTED.
9. IF SIDEWALK IS ADJACENT TO HISTORICAL BUILDING THEN SAWCUT 6" FROM BUILDING.
10. INTERSECTION RADII ARE 20' UNLESS OTHERWISE NOTED. BUSINESS DRIVEWAY RADII ARE 15' UNLESS OTHERWISE NOTED.

PROPERTY OWNERS

PARCEL #	OWNER NAME	LOCATION ADDRESS
1	STROOPE, THOMAS G & ROBERT M STROOPE	218 S HIGHWAY 77 WAXAHACHIE, TX 75165
2	STROOPE, THOMAS G & ROBERT M STROOPE	214 S HIGHWAY 77 WAXAHACHIE, TX 75165
3	SIDES, BILLY D & JEANIE	221 S HIGHWAY 77 WAXAHACHIE, TX 75165
4	UNDERWOOD, REGINAL V	211 S HIGHWAY 77 WAXAHACHIE, TX 75165
5	JEFFERSON, BETTY	206 S HIGHWAY 77 WAXAHACHIE, TX 75165
6	STERLING TRUST COMPANY CUSTODIAN	209 S HIGHWAY 77 WAXAHACHIE, TX 75165
7	O DANIEL BILLY C	605 S COLLEGE ST WAXAHACHIE, TX 75165
8	SALVADOR FAMILY HOLDINGS LTD	200 S HIGHWAY 77 WAXAHACHIE, TX 75165
9	ALMANY, JAMES D & SHIRLEY	150 S HIGHWAY 77 WAXAHACHIE, TX 75165
10	PEARMAN OIL AND GAS	101 S HIGHWAY 77 WAXAHACHIE, TX 75165
11	PEARMAN OIL AND GAS	100 S HIGHWAY 77 WAXAHACHIE, TX 75165
12	HODGE, JACK & LAURA	608 S ROGERS ST WAXAHACHIE, TX 75165
13	CHAMBERS, HUBERT & HUGH LANE	602 S ROGERS ST WAXAHACHIE, TX 75165
14	PRUITT, BILLY KIRK	600 S ROGERS ST WAXAHACHIE, TX 75165
15	PRUITT, BILLY KIRK	CANTRELL ST WAXAHACHIE, TX 75165
16	PRUITT, BILLY KIRK	600 S ROGERS ST WAXAHACHIE, TX 75165
17	PRUITT, BILLY KIRK	507 DUNAWAY ST WAXAHACHIE, TX 75165
18	CUEVAS, JESSICA	401 CANTRELL ST WAXAHACHIE, TX 75165
19	JORDAN, SUSAN L W & JOHN D	528 S ROGERS ST WAXAHACHIE, TX 75165
20	BREKENGLENN LTD	CANTRELL ST WAXAHACHIE, TX 75165
21	BREKENGLENN LTD	402 CANTRELL ST WAXAHACHIE, TX 75165
22	JUSTICE, JAMES J	400 CANTRELL ST WAXAHACHIE, TX 75165
23	JUSTICE, JAMES J	504 CANTRELL ST, WAXAHACHIE, TX 75165
24	JUSTICE, JAMES J	406 CANTRELL ST WAXAHACHIE, TX 75165
25	JUSTICE, JAMES J	CANTRELL ST WAXAHACHIE, TX 75165
26	JUSTICE, JAMES J	CANTRELL ST WAXAHACHIE, TX 75165
27	SECURE MORE STORAGE CORP	602 CANTRELL ST WAXAHACHIE, TX 75165
28	CITY OF WAXAHACHIE	MKT RR @ WAXA CRK WAXAHACHIE, TX 75165
29	BURLINGTON NORTHERN RAILROAD	MKT RR @ WAXA CRK WAXAHACHIE, TX 75165
30	CITY OF WAXAHACHIE	S ROGERS ST WAXAHACHIE, TX 75165
31	CITY OF WAXAHACHIE	406 S ROGERS ST WAXAHACHIE, TX 75165
32	CITY OF WAXAHACHIE	401 S ELM ST WAXAHACHIE, TX 75165
33	THE GARY MARTIN COMPANY INC	305 W MADISON ST WAXAHACHIE, TX 75165
34	DUCKETT, RONALD B	305 PATTERSON ST WAXAHACHIE, TX 75165
35	CAMP, CINDY	405 W MADISON ST WAXAHACHIE, TX 75165
36	MORTON, GRONER T	401 W MADISON ST WAXAHACHIE, TX 75165
37	CITY OF WAXAHACHIE	407 W JEFFERSON ST WAXAHACHIE, TX 75165
38	FRISBEE FAMILY TRUST	308 W MADISON ST WAXAHACHIE, TX 75165
39	LAFE PROPERTIES INC	306 S ELM ST WAXAHACHIE, TX 75165
40	TURBO PROPERTIES LLC	307 S ELM WAXAHACHIE, TX 75165
41	BROWN MOTOR CO	304 S ELM ST WAXAHACHIE, TX 75165
42	BEG PARTNERS LLC	209 W JEFFERSON ST WAXAHACHIE, TX 75165
43	BEG PARTNERS LLC	S ELM ST WAXAHACHIE, TX 75165
44	FRISBEE FAMILY TRUST	311 W JEFFERSON ST WAXAHACHIE, TX 75165
45	SETTLEMYER, TAMMY	400 W JEFFERSON ST WAXAHACHIE, TX 75165
46	ALHAJ, MAJDA	312 W JEFFERSON ST WAXAHACHIE, TX 75165
47	RRSA PROPERTIES LLC	310 W JEFFERSON ST WAXAHACHIE, TX 75165
48	AUTREY & HOWARD REAL ESTATE HOLDINGS LLC	204 S ELM ST WAXAHACHIE, TX 75165
49	CHAVARRIA, MIREYA	212 W JEFFERSON ST WAXAHACHIE, TX 75165
50	AUTREY & HOWARD REAL ESTATE HOLDINGS LLC	215 W FRANKLIN ST WAXAHACHIE, TX 75165
51	AUTREY DUSTY & GARY	200 S ELM ST WAXAHACHIE, TX 75165
52	HUNT, H KEITH	S MONROE ST WAXAHACHIE, TX 75165
53	HUNT, H KEITH	401 W FRANKLIN ST WAXAHACHIE, TX 75165
54	GETZENDANER & READ	108 S MONROE ST WAXAHACHIE, TX 75165
55	MAIN & MONROE PARTNERS LP	107 S MONROE ST WAXAHACHIE, TX 75165
56	COLWELL, WILLIAM B & MILDRED	100 S ELM ST WAXAHACHIE, TX 75165
57	SBH DESIGN CONSULTANTS LLC	216 W FRANKLIN ST WAXAHACHIE, TX 75165
58	VINEYARD, RANDY	209 W MAIN ST WAXAHACHIE, TX 75165
59	POARCH PROPERTIES LLC SERIES E	401 W MAIN ST WAXAHACHIE, TX 75165
60	PAACO AUTOMOTIVE GROUP LP	400 W MAIN ST WAXAHACHIE, TX 75165
61	PAACO AUTOMOTIVE GROUP LP	401 WATER ST WAXAHACHIE, TX 75165
62	THORNHILL, JOHN	314 W MAIN ST WAXAHACHIE, TX 75165
63	GETZENDANER WILLIAM H JR DESCENDANTS TRUST	302 W MAIN ST WAXAHACHIE, TX 75165
64	CITIZEN NATIONAL BANK	104 N ELM ST WAXAHACHIE, TX 75165
65	CITIZENS NATIONAL BANK	200 N ELM ST WAXAHACHIE, TX 75165
66	CITIZENS NATIONAL BANK	200 N ELM ST WAXAHACHIE, TX 75165
67	GETZENDANER WILLIAM H JR DESCENDANTS TRUST	300 WATER ST WAXAHACHIE, TX 75165
68	WAXAHACHIE STONES FAMILY LTD	200 N MONROE ST WAXAHACHIE, TX 75165
69	RENDON, ELEOMAR	400 WATER ST WAXAHACHIE, TX 75165
70	RENDON, ELEOMAR	N MONROE ST WAXAHACHIE, TX 75165
71	ELLIS COUNTY AUTO WASH LLC	205 N MONROE ST WAXAHACHIE, TX 75165
72	BATES FAMILY REAL ESTATE	208 N MONROE ST WAXAHACHIE, TX 75165
73	BATES FAMILY REAL ESTATE	210 N MONROE ST WAXAHACHIE, TX 75165
74	SULLIVAN PROPERTIES PTNSHP	200 MONROE ST WAXAHACHIE, TX 75165
75	BURLINGTON NORTHERN RAILROAD	N/A
76	GETZENDANER WILLIAM H JR DESCENDANTS TRUST	301 N ELM ST WAXAHACHIE, TX 75165
77	FIRST BAPTIST CHURCH OF WAXAHACHIE	301 N ROGERS ST WAXAHACHIE, TX 75165
78	FIRST BAPTIST CHURCH	315 N ROGERS ST WAXAHACHIE, TX 75165
79	INTERNATIONAL COUNCIL FOR	308 N MONROE ST WAXAHACHIE, TX 75165
80	L & M MUFFLER SHOP	300 N ELM ST WAXAHACHIE, TX 75165
81	L & M MUFFLER SHOP	319 N MONROE ST WAXAHACHIE, TX 75165
82	MC CLUSKEY PHLOYD B & SALLY S	301 MC MILLAN ST WAXAHACHIE, TX 75165
83	LEAMON, DANIEL	317 N ELM ST WAXAHACHIE, TX 75165
84	FERGUSON, LUCY	324 ELM ST WAXAHACHIE, TX 75165
85	W & H INTERESTS	307 FERRIS AVE WAXAHACHIE, TX 75165
86	SULLIVAN PROPERTIES PTNSHP	311 FERRIS AVE WAXAHACHIE, TX 75165
87	ELLIS APPRAISAL DISTRICT	400 FERRIS AVE WAXAHACHIE, TX 75165
88	MC NEVINS ELAINE	401 N MONROE ST WAXAHACHIE, TX 75165
89	PROSPERITY BANK	403 FERRIS AVE WAXAHACHIE, TX 75165

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E.
DISTRICT ENGINEER
ELLIS COUNTY
US 77
CSJ: 0048-03-050 & 055
FROM: SOUTH OF FM 66
TO: NORTH OF McMILLAN ST.
NET LENGTH OF PROJECT: 0.791 MILES
FUNCTIONAL CLASSIFICATION:
URBAN PRINCIPAL ARTERIAL
US 77: 10,300 ADT (2015) 14,000 ADT (2035)
MONROE: 10,300 ADT (2015) 14,200 ADT (2035)
DESIGN SPEED
PRINCIPAL ARTERIAL (US 77) = 30 MPH
CROSS STREETS = 25 MPH
DESIGN SCHEMATIC FOR US 77
COUNTY: ELLIS
DATE: MAR 2017
ROLL 1 OF 1



END PROJECT
CSJ: 0048-03-055
US 77 NB STA 148+75.03
END CSJ: 0048-03-050
US 77 NB STA 125+33.25
BEGIN CSJ: 0048-03-050
US 77 NB STA 111+33.83
BEGIN PROJECT
CSJ: 0048-03-055
US 77 NB STA 107+00.00
KEY TO COUNTIES
LOCATION MAP
N.T.S
SCALE: H - 1"=50', V - 1"=10'
PRINTED: 3/24/2017
SCHEMATIC PREPARED BY:
BROWN & GAY ENGINEERS, INC.
REGISTRATION NUMBER F-1046
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the Direct Supervision of:
MICHAEL G. ZIEMINSKI 103845
NAME P.E. NUMBER
NAME P.E. NUMBER
3/24/2017
DATE
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