

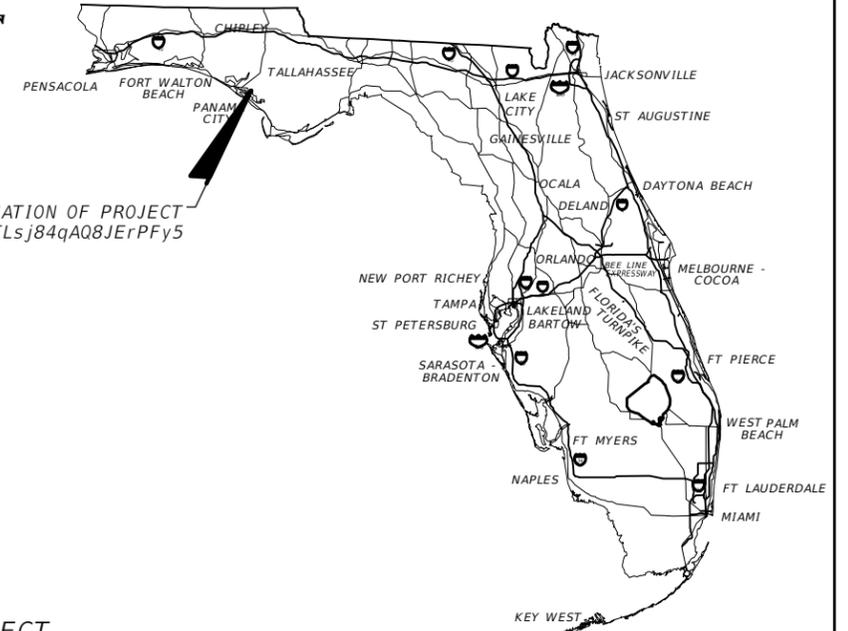
**EXHIBIT 3
CONSTRUCTION PLANS**



BAY COUNTY PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

ROADWAY PLANS

SHERMAN AVENUE FROM 11TH STREET TO 15TH STREET



LOCATION OF PROJECT
<https://goo.gl/maps/TLsj84qA08JErPFy5>

BOARD OF COUNTY COMMISSIONERS

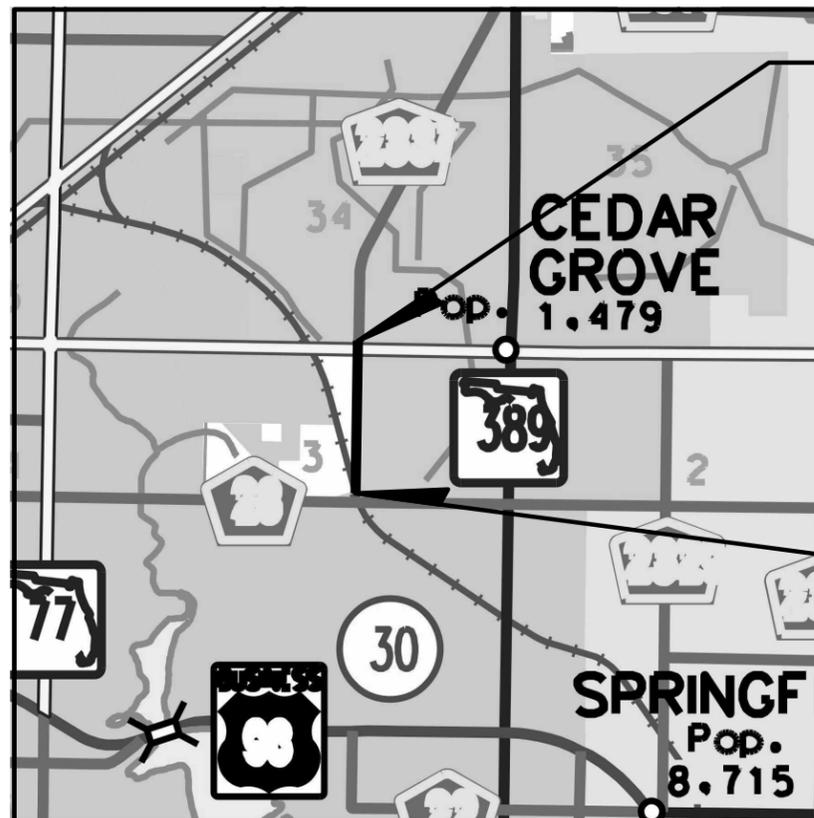
TOMMY HAMM	VICE CHAIRMAN	DISTRICT 1
ROBERT CARROLL	CHAIRMAN	DISTRICT 2
WILLIAM T. DOZIER	COMMISSIONER	DISTRICT 3
DOUGLAS MOORE	COMMISSIONER	DISTRICT 4
PHILIP "GRIFF" GRIFFITTS	COMMISSIONER	DISTRICT 5

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNALIZATION PLANS

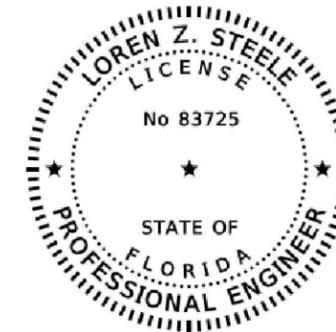
INDEX OF ROADWAY PLANS

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9	PROJECT CONTROL
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11	SUMMARY OF PAY ITEMS & PAY ITEM NOTES
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26	GUIDE SIGN WORKSHEET
27 - 31	SIGNING AND PAVEMENT MARKING PLAN



END PROJECT

BEGIN PROJECT



THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY:

Loren Z Steele
2022.09.21 10:07:05 -04'00'

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

WGI, INC.
2316 KILLEARN CENTER BLVD., BLDG. C, SUITE 100
TALLAHASSEE, FL 32309
LOREN Z. STEELE, P.E. NO. 83725
CONTRACT NO.: 20-51
TASK ORDER NO.: PS 22-04
VENDOR NO.: 65-0271367

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2022-2023 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

GOVERNING DESIGN STANDARDS:

Manual of Uniform Minimum Standards for Design, Construction and Maintenance (2018 Florida Greenbook) is available at the following website: <https://www.fdot.gov/roadway/floridagreenbook/fgb.shtm>



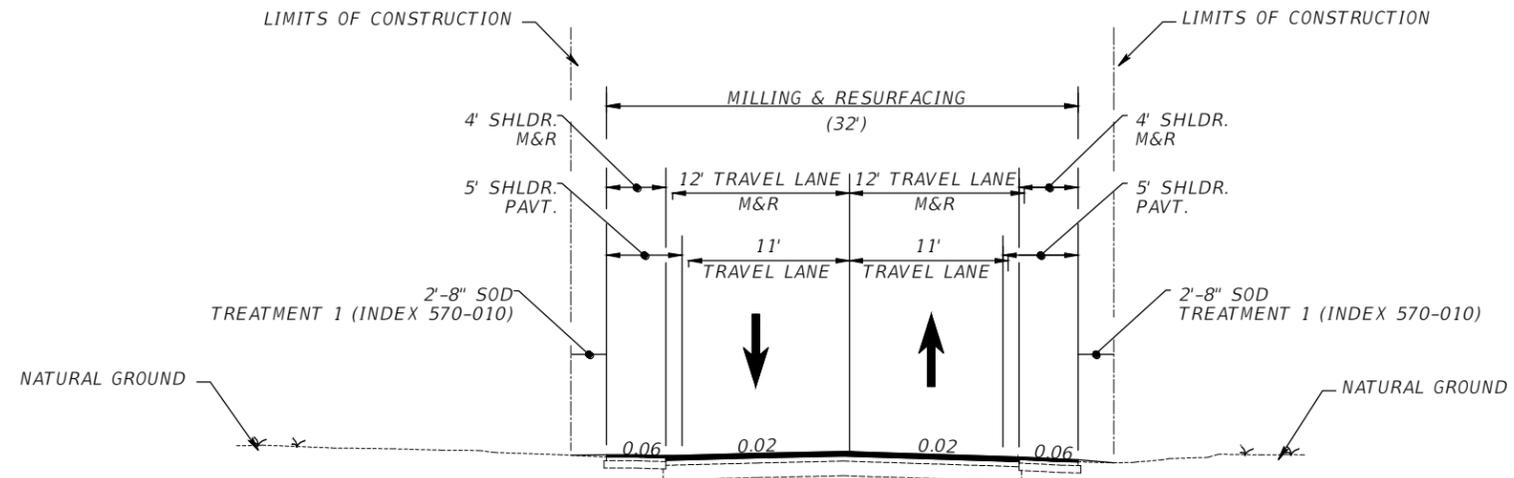
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TALLAHASSEE, FL 32309
(850) 210-0101

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

KEY SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 1 72 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



TYPICAL SECTION 1
 SHERMAN AVE.
 BEGIN PROJECT TO STA. 102+00.00

**11TH STREET TO RAILROAD
 TRAVEL LANES RESURFACING**

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2")
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

**11TH STREET TO RAILROAD
 SHOULDER RESURFACING**

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

**RAILROAD TO 15TH STREET
 TRAVEL LANES RESURFACING**

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1½")
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

**RAILROAD TO 15TH STREET
 SHOULDER RESURFACING**

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (½")
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)



LOREN Z. STEELE, P.E.
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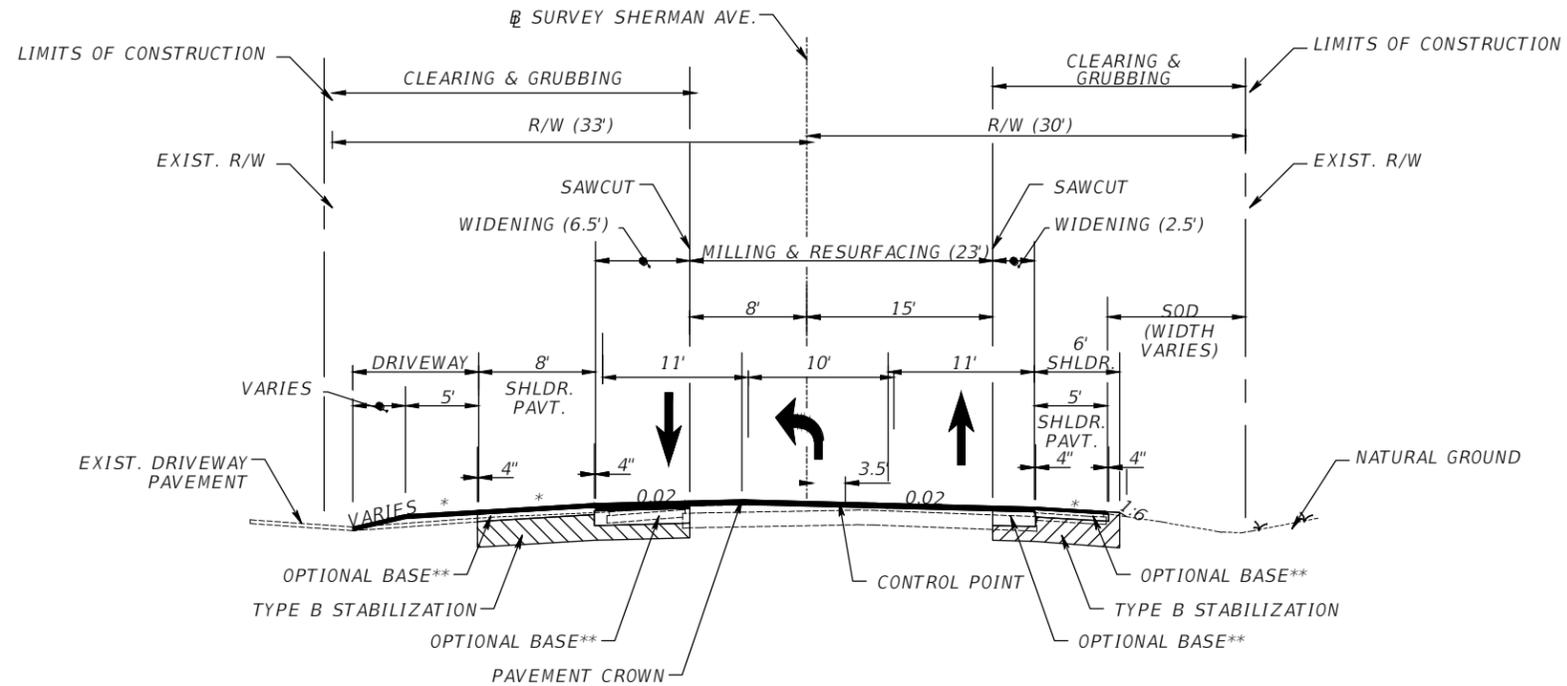
**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

TYPICAL SECTIONS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 73 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

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NOTE: STATIC COMPACTION ONLY FOR ALL STATION RANGES ON THIS SHEET.



TYPICAL SECTION 2
SHERMAN AVE.
STA. 102+00.00 TO STA. 105+69.96

* CROSS SLOPE VARIES
SEE CROSS SECTIONS FOR MORE DETAILS
** MAY ONLY CONSIST OF LIMEROCK, GAB,
OR CRUSHED CONCRETE

RESURFACING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1½")
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 3 (TYPE B-12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

SHOULDER WIDENING

OPTIONAL BASE GROUP 1 (TYPE B-12.5) WITH
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)



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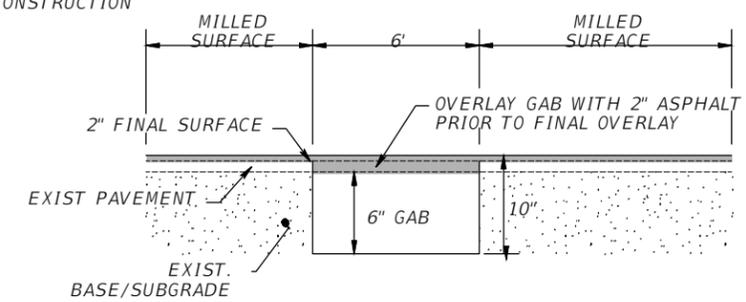
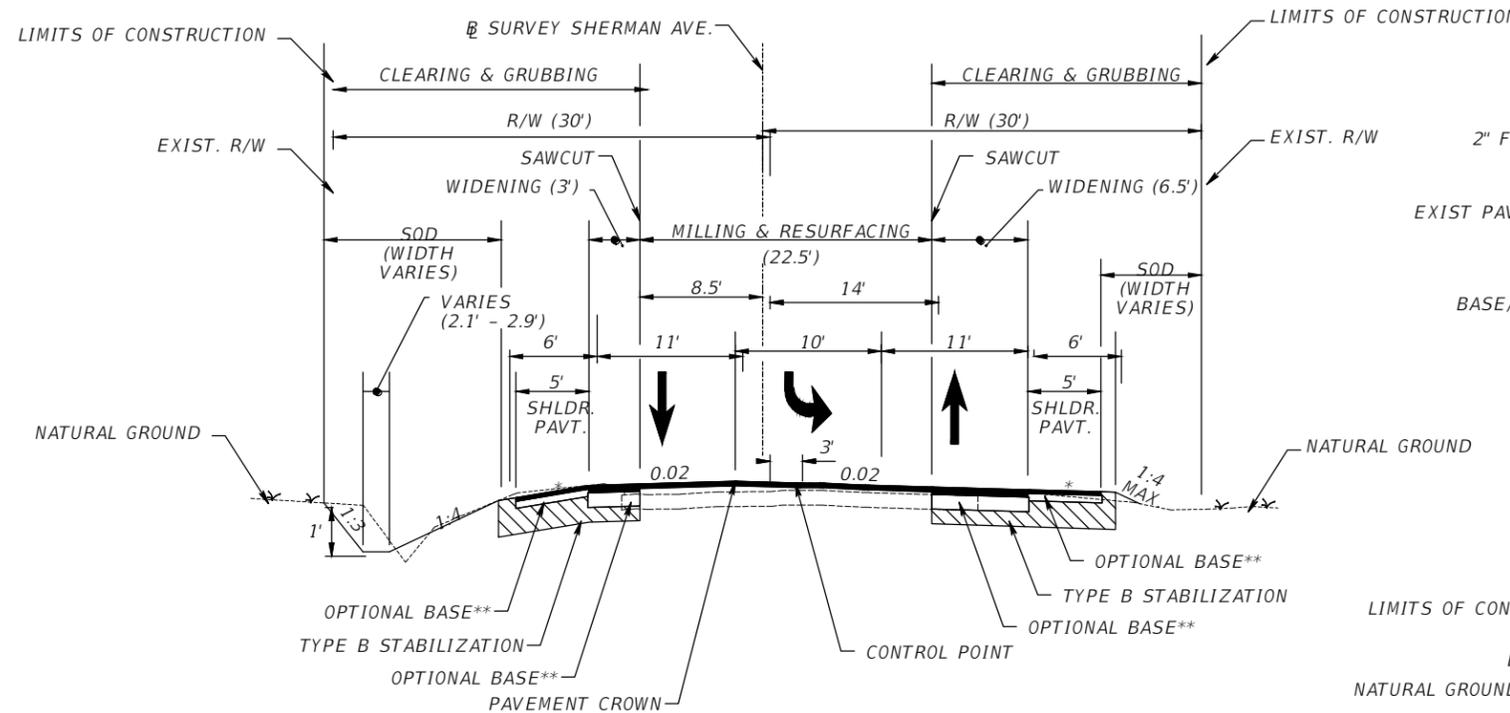
**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

TYPICAL SECTIONS

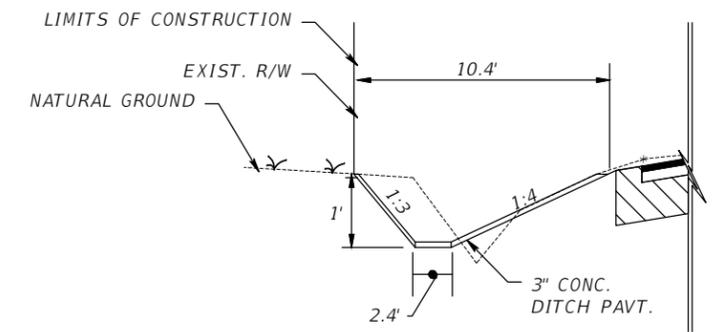
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 74 of 122
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DETAIL 1 (BASE REPAIR)
STA. 109+22.73 TO STA. 109+28.69



DETAIL 2
STA. 109+25.00 TO STA. 109+35.00

* CROSS SLOPE VARIES
SEE CROSS SECTIONS FOR MORE DETAILS
** MAY ONLY CONSIST OF LIMEROCK, GAB,
OR CRUSHED CONCRETE

TYPICAL SECTION 3
SHERMAN AVE.
STA. 106+30.37 TO STA. 110+00.00

RESURFACING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2")
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 3 (TYPE B-12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

SHOULDER WIDENING

OPTIONAL BASE GROUP 1 (TYPE B-12.5) WITH
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)



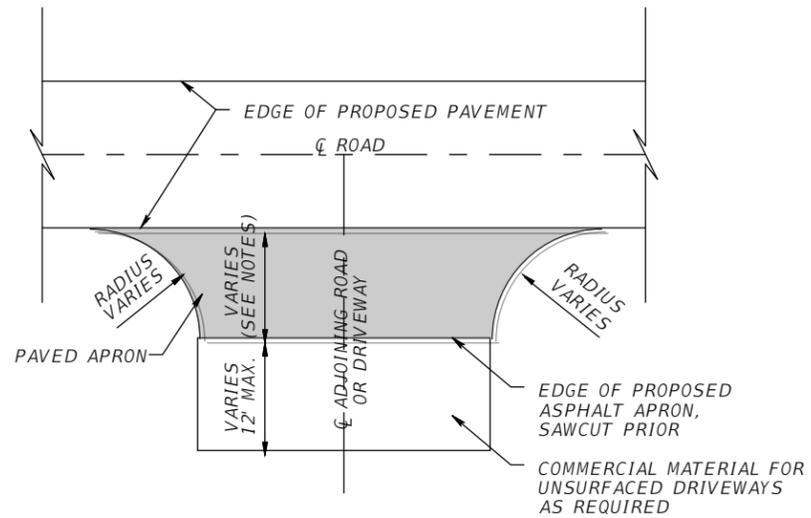
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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

TYPICAL SECTIONS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 75 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

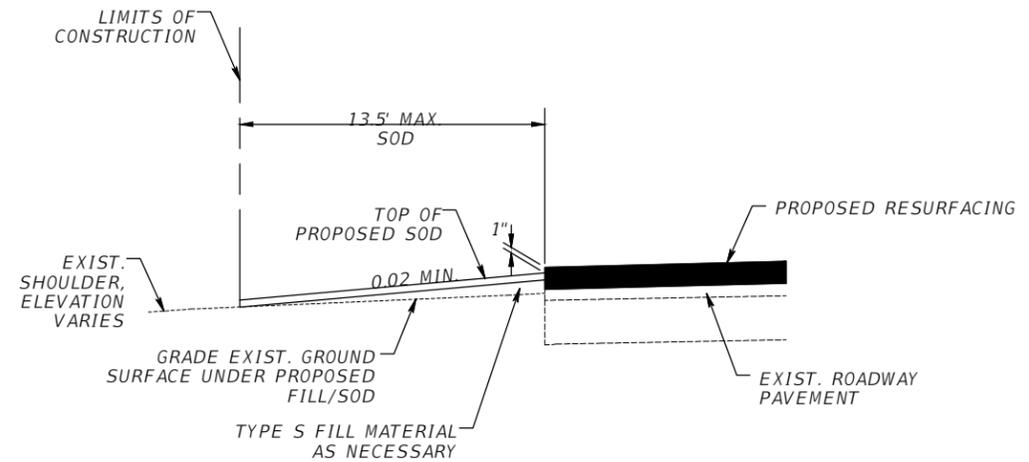
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TYPICAL ROAD AND DRIVEWAY INSECTION DETAIL

NOTES:

1. INTERSECTING ROADS TO HAVE A 3' PAVED APRON UNLESS A LONGER APRON IS DIRECTED BY THE PLAN SHEET.
2. INTERSECTING PAVED DRIVEWAYS (ASPHALT OR CONCRETE) TO HAVE A 3' MIN. TO 6' MAX. PAVED APRON UNLESS OTHERWISE DIRECTED BY THE PLAN SHEET.
3. UNSURFACED DRIVEWAYS TO HAVE A 1' TO 3' PAVED APRON UNLESS OTHERWISE DIRECTED BY THE PLAN SHEET.
4. FOR UNSURFACED DRIVEWAYS, ADD COMMERCIAL MATERIAL AS DIRECTED BY THE ENGINEER TO TRANSITION APRON TO EXISTING ROADBED. COMMERCIAL MATERIAL IS TO BE PROCESSED ASPHALT CONCRETE MILLINGS.
5. COMMERCIAL MATERIAL SHALL BE WELL COMPACTED WITH STEEL DRUM ROLLER.



SHOULDER WORK DETAIL

NOTES:

1. INSTALL FILL MATERIAL IN 6" MAX. LIFTS. COMPACT SUCH THAT THE SHOULDER IS FIRM AND UNYIELDING TO A FULL-SIZE PICKUP TRUCK PRIOR TO SODDING.
2. UNLESS OTHERWISE SHOWN, SOD TYPE WILL BE BAHIA.
3. SOD BLOCKS SHALL BE PLACED PER PATTERN DETAIL SHOWN IN FDOT STANDARD PLANS (FY 2022-23) INDEX 570-010.
4. CONTRACTOR SHALL RESTORE DISTURBED AREAS OUTSIDE THE LIMITS OF CONSTRUCTION AT NO ADDITIONAL COST TO THE COUNTY.
5. SHOULDER WORK AND SOD TO BE COMPLETED PRIOR TO PLACEMENT OF THE SURFACE COURSE.
6. WRAP SHOULDER WORK AROUND CORNERS AT ROADWAY AND DRIVEWAY INTERSECTIONS, ADJACENT TO PROPOSED ASPHALT APRONS.
7. CLIP/REMOVE ANY EXISTING TURF FROM SHOULDER AS NECESSARY TO MEET THE DROP OFF CRITERIA AS SHOWN IN ORDER TO ALLOW FOR PROPER DRAINAGE OF THE PAVEMENT STRUCTURE.

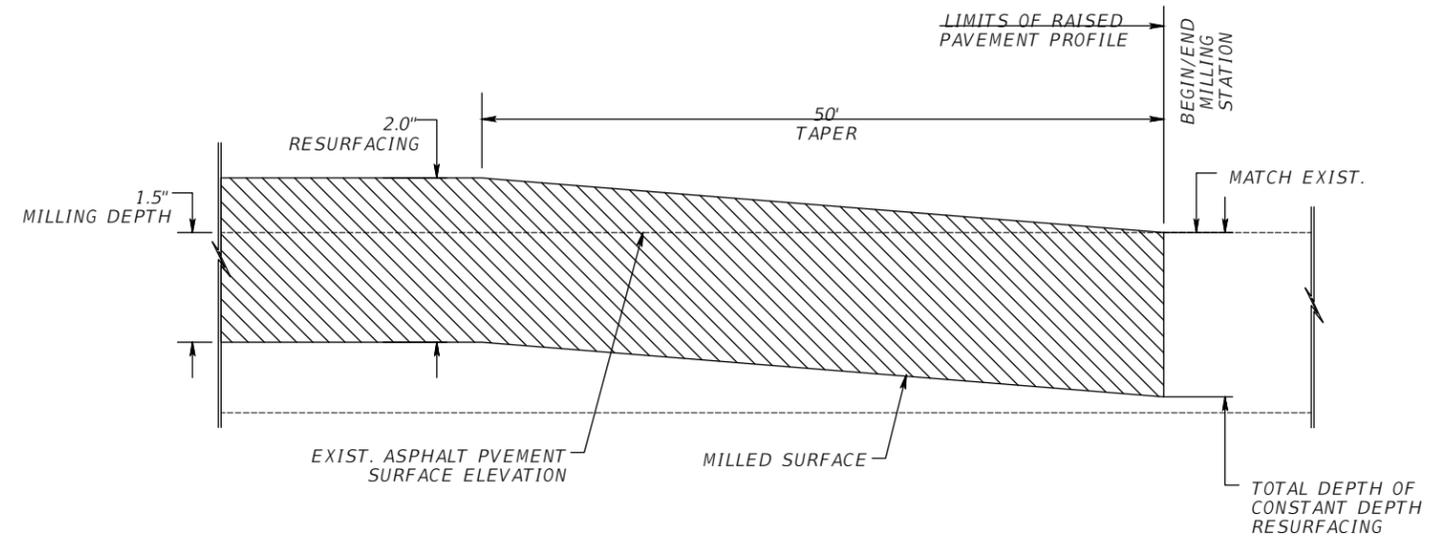


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 (850) 210-0101

SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET

TYPICAL SECTION DETAILS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 76 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



MILL & RESURFACE FEATHERING DETAIL
FOR INTERFACE WITH MILL & RESURFACE LIMITS
N.T.S.

NORTH OF THE RAILROAD *
END MILL & RESURFACING LIMIT STA. 105+69.96

* MIRROR DETAIL AT THIS LOCATION



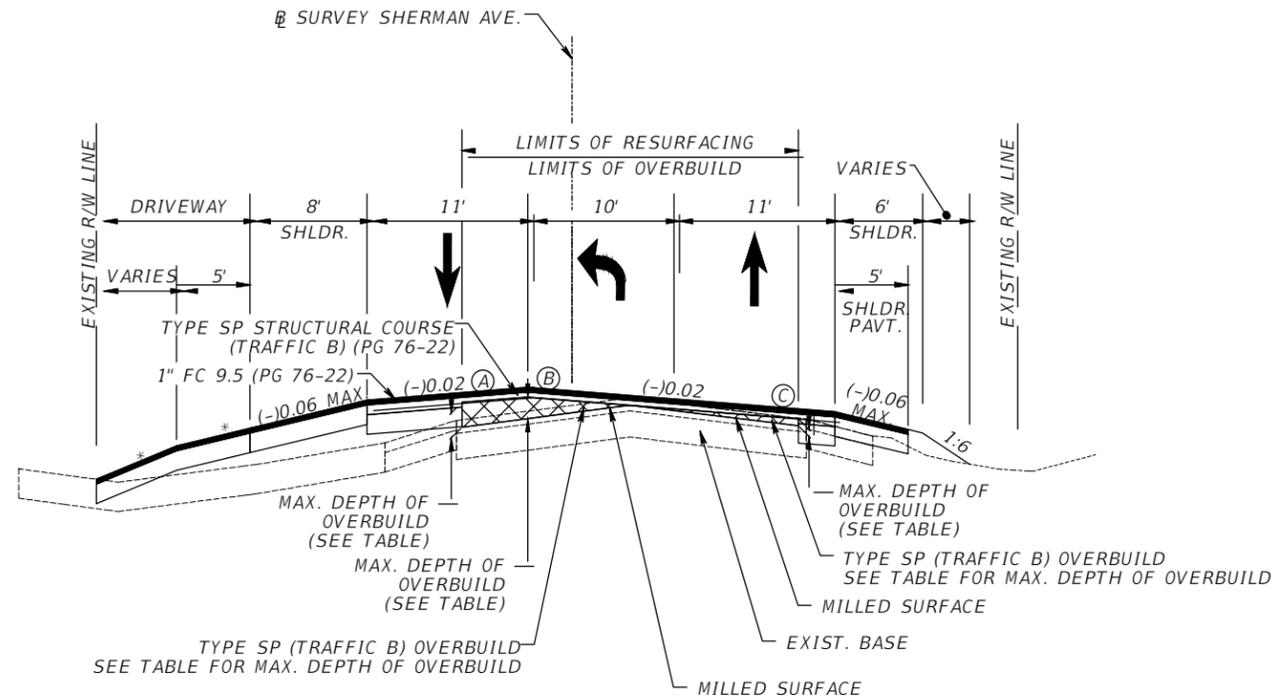
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SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET

TYPICAL SECTION DETAILS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 77 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

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OVERBUILD AND RESURFACING DETAIL
SOUTH OF 15TH STREET
STA. 101+50.00 TO STA. 105+50.00

OVERBUILD DETAILS														
STATION	SB LANE				NB TURN LANE				NB LANE				AREA OF OVERBUILD (SQ. FT.)	ESTIMATED TOTAL SUPERPAVE OVERBUILD (TN)
	MILLED SLOPE (%)	PROPOSED SLOPE (%)	DEPTH OF OVERBUILD (IN.) (A)	WIDTH OF OVERBUILD (FT.)	MILLED SLOPE (%)	PROPOSED SLOPE (%)	DEPTH OF OVERBUILD (IN.) (B)	WIDTH OF OVERBUILD (FT.)	MILLED SLOPE (%)	PROPOSED SLOPE (%)	DEPTH OF OVERBUILD (IN.) (C)	WIDTH OF OVERBUILD (FT.)		
101+50.00	-2.36%	EXIST.							-4.27%	EXIST.			0.00	
102+00.00	-2.06%	EXIST.							-3.76%	-2.00%	2.01	9.5	0.80	1.46
102+50.00	-1.75%	-2.00%	1.38	8.0	-1.75%	+2.00%	1.62	3.6	-3.01%	-2.00%	1.33	11.0	2.01	5.14
103+00.00	-3.25%	-2.00%	5.09	4.5	-3.25%	+2.00%	4.41	7.0	-3.05%	-2.00%	1.45	11.5	3.51	10.11
103+50.00	-2.09%	-2.00%	3.47	4.5	-2.09%	+2.00%	3.43	7.0	-1.57%	-2.00%			2.27	10.60
104+00.00	-1.82%	-2.00%	3.10	4.5	-1.82%	+2.00%	3.20	7.0	-2.45%	-2.00%	0.62	11.5	2.44	8.64
104+50.00	-2.27%	-2.00%	3.73	4.5	-2.27%	+2.00%	3.59	7.0	-3.02%	-2.00%	1.41	11.5	3.04	10.06
105+00.00	-1.74%	-2.00%	2.97	4.5	-1.74%	+2.00%	3.11	6.9	-3.61%	-2.00%	2.24	11.6	3.17	11.39
105+50.00	-2.22%	EXIST.			-2.22%				-2.02%	EXIST.			0.00	5.81

NOTE: BLANK CELLS INTENTIONALLY LEFT BLANK.

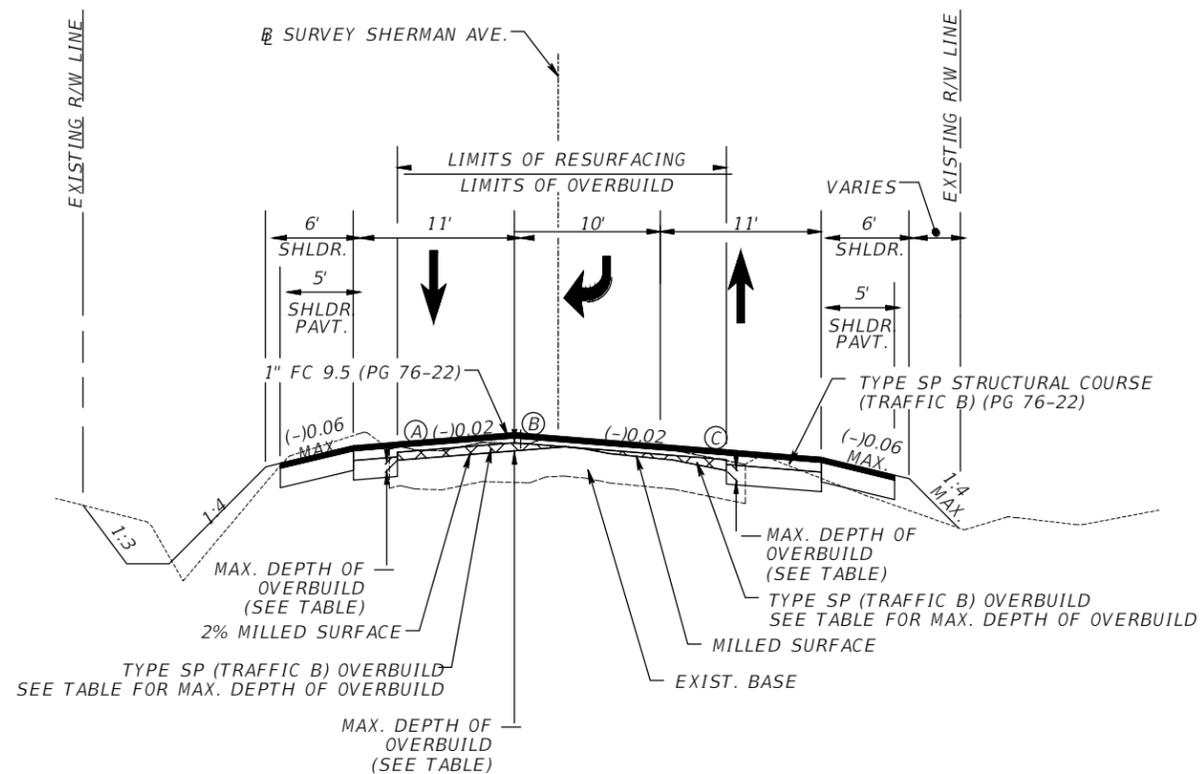


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WGI, INC.
2316 KILLEARN CENTER BLVD.
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(850) 210-0101

SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET

TYPICAL SECTION DETAILS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 78 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



OVERBUILD AND RESURFACING DETAIL
SOUTH OF 15TH STREET
STA. 106+50.00 TO STA. 110+50.00

OVERBUILD DETAILS														
STATION	SB LANE				SB TURN LANE				NB LANE				AREA OF OVERBUILD (SQ. FT.)	ESTIMATED TOTAL SUPERPAVE OVERBUILD (TN)
	MILLED SLOPE (%)	PROPOSED SLOPE (%)	DEPTH OF OVERBUILD (IN.) (A)	WIDTH OF OVERBUILD (FT.)	MILLED SLOPE (%)	PROPOSED SLOPE (%)	DEPTH OF OVERBUILD (IN.) (B)	WIDTH OF OVERBUILD (FT.)	MILLED SLOPE (%)	PROPOSED SLOPE (%)	DEPTH OF OVERBUILD (IN.) (C)	WIDTH OF OVERBUILD (FT.)		
106+50.00	-1.64%	EXIST.			-1.64%				-1.84%	EXIST.			0.00	
107+00.00	-2.00%	-2.00%	1.68	8.0	-2.00%	+2.00%	1.68	3.5	-3.41%	-2.00%	1.76	10.4	2.13	3.90
107+50.00	-2.00%	-2.00%	1.68	8.0	-2.00%	+2.00%	1.68	3.5	-3.38%	-2.00%	1.52	9.2	1.94	7.46
108+00.00	-2.00%	-2.00%	1.68	8.0	-2.00%	+2.00%	1.68	3.5	-3.69%	-2.00%	2.23	11.0	2.39	7.94
108+50.00	-2.00%	-2.00%	1.68	8.0	-2.00%	+2.00%	1.68	3.5	-3.31%	-2.00%	1.52	9.7	1.97	8.00
109+00.00	-2.00%	-2.00%	1.68	8.0	-2.00%	+2.00%	1.68	3.5	-3.13%	-2.00%	1.49	11.0	2.05	7.38
109+50.00	-2.00%	-2.00%							-2.57%	-2.00%	0.69	10.1	0.29	4.28
110+00.00	-2.00%	-2.00%							-2.42%	-2.00%	0.41	8.1	0.14	0.78
110+50.00		EXIST.								EXIST.			0.00	0.26

NOTE: BLANK CELLS INTENTIONALLY LEFT BLANK.



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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

TYPICAL SECTION DETAILS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 79 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

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GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

 JEREMIAH SLAYMAKER, P.S.M.
 P.S.M. NO: LS6387
 WGI, INC.
 2316 KILLEARN CENTER BLVD, BLDG. C, SUITE 100,
 TALLAHASSEE, FL 32309
3. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
4. UTILITY/AGENCY OWNERS: COMPANY CONTACT EMAIL TELEPHONE NUMBERS

AT&T	MIKE FILLINGHAM	MF2504@ATT.COM	850-623-0577
	TERRY MONTGOMERY	TM4556@ATT.COM	
TECO GAS	LEON MATHIS	VLMATHIS@TECOENERGY.COM	850-258-5032
	PAUL DANIELS	PSDANIELS@TECOENERGY.COM	850-258-5031
	MARK NOBLE	MNOBLE@TECOENERGY.COM	850-258-5035
SOUTHERN LIGHT	JAMES HILL	JAMES.HILL@UNITI.COM	850-544-1400
COMCAST	ROB ADAMS	ROB_ADAMS@COMCAST.COM	850-815-7797
MEDIACOM	PAUL PITTS	PPITTS@MEDIACOMCC.COM	850-278-6832
FPL	JUSTIN PALUMBO		850-549-1447
	DWIGHT QUIMBAY		850-872-3229
GULF COAST ELEC	DAVID SYFIETT		850-265-3631 x3047
WOW	KEN HOLT	KENNETH.HOLT@WOWINC.COM	850-896-8927
CITY OF LYNN HAVEN	GREG KIDWELL	GKIDWELL@CITYOFLYNNHAVEN.COM	
CITY OF PCB	MARK SHAEFFER	MSHAEFFER@PCBGOV.COM	
	ROBERT POTTER	RPOTTER@PCBGOV.COM	850-527-1944
CITY OF PC	JIMMY HARREL		850-819-3565
	ANGIE LIGHTFOOT	ALIGHTFOOT@PCGOV.ORG	
	DALE CRONWELL, P.E.	DCRONWELL@PCGOV.ORG	850-872-3016
CITY OF CALLAWAY	OSCAR MARTINEZ	OMARTINEZ@CITYOFCALLAWAY.COM	850-871-1033
CITY OF SPRINGFIELD	RODNEY GRISSETT	RGRISSETT@SPRINGFIELD.FL.GOV	850-871-1033
5. 14 DAYS PRIOR TO ANY WORK WITHIN BAY LINE RAILROAD RIGHT-OF-WAY, THE CONTRACTOR SHALL CONTACT THE RAILROAD TO COORDINATE ALL WORK, TIMES, AND DURATION.

 BAY LINE RAILROAD CONTACT: DALE HANSHEW, 229-364-6259, DALE.HANSHEW@GWRR.COM
6. THE CONTRACTOR SHALL PHYSICALLY EXAMINE THE PROJECT SITE AND INFORM HIMSELF FULLY IN REGARD TO ALL CONDITIONS PERTAINING TO THE PLACES WHERE THE WORK IS TO BE PERFORMED FOR THE PURPOSE OF DETERMINING HIS COST TO PERFORM THE WORK.
7. CONTRACTOR MAY RETAIN UP TO 30% OF THE ASPHALT MILLINGS. ALL ADDITIONAL ASPHALT MILLINGS SHALL BE HAULED TO THE COUNTY YARD ON OLD MAJETTE ROAD. CONTACT THE ROADS & BRIDGES DIVISION (850-248-8810) FOR STOCK PILE LOCATIONS.

8. ANY PUBLIC LAND CORNER MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE BAY COUNTY SURVEYOR'S OFFICE (850-248-8301) SHOULD BE NOTIFIED WITHOUT DELAY.
9. UTILITIES ARE TO BE ADJUSTED BY THE APPROPRIATE UTILITY OWNER(S) AS NECESSARY. THE CONTRACTOR IS TO COORDINATE ADJUSTMENTS WITH UTILITY OWNER(S) AS NECESSARY.
10. CLIP/REMOVE ANY TURF OVERGROWTH FROM EXIST. PAVEMENT SURFACE.
11. TRAFFIC SIGNS AND MAILBOXES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
12. ALL PAVEMENT MARKINGS PER FDOT STANDARD PLANS INDEX 711-001.
13. ALL RAISED PAVEMENT MARKERS (RPMS) PER FDOT STANDARD PLANS INDEX 706-001.
14. ALL VIBRATORY ROLLER COMPACTION EQUIPMENT UTILIZED SHALL BE OPERATED IN STATIC MODE ONLY.



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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

GENERAL NOTES		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 81 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

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BID ITEM	DESCRIPTION	UNIT	QUANTITY	DESIGN NOTES
101-1	MOBILIZATION	LS	1	
102-1	MAINTENANCE OF TRAFFIC	LS	1	
110-1	CLEARING & GRUBBING	AC	0.61	
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	119	
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	CY	160.0	ASSUMING A FILL ADJUSTMENT FACTOR OF 1.2 AND TRUCK ADJUSTMENT FACTOR OF 1.25
120-71	REGULAR EXCAVATION (3-R PROJECTS ONLY)	CY	459.3	
160-4	TYPE B STABILIZATION	SY	2135	
285-701	OPTIONAL BASE, BASE GROUP 01	SY	916	
285-703	OPTIONAL BASE, BASE GROUP 03	SY	658	
286-2	TURNOUT CONSTRUCTION-ASPHALT/DRIVEWAY BASE- ASPHALT MATERIAL	TN	102.2	ASSUME 4" THICKNESS AT A SPREAD RATE OF 440 LB/SY
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	180	
327-70-5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	1999	
327-70-6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	6098	
327-70-16	MILLING EXISTING ASPHALT PAVEMENT, 1/2" AVG DEPTH	SY	1687	
334-1-52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG 76-22	TN	547.5	
334-1-52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG 76-22, OVERBUILD	TN	103.2	
337-7-80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	653.2	
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	140	
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	77	
524-1-1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	11	
527-2	DETECTABLE WARNINGS	SF	22	
570-1-2	PERFORMANCE TURF, SOD	SY	1125	
570-1-3	PERFORMANCE TURF, SOD AND SOIL - SHOULDER TREATMENT INDEX 570-010	SY	945	
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	6	
700-1-50	SINGLE POST SIGN, RELOCATE	AS	3	
700-1-60	SINGLE POST SIGN, REMOVE	AS	1	
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	329	
*	YELLOW/YELLOW RPM	EA	215	
	WHITE/RED RPM	EA	114	
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	348	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	157	
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.039	
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	2	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	6	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	88	
711-14-191	THERMOPLASTIC, PREFORMED, 6" WHITE, RAILROAD DYNAMIC ENVELOPE	LF	29	
711-14-193	THERMOPLASTIC, PREFORMED, 12" WHITE ON ASPHALT PAVEMENT, RAILROAD DYNAMIC ENVELOPE	LF	1017	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.094	
711-16-201	THERMOPLASTIC, STANDARD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.631	
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.259	

PAY ITEM NOTES

THE FOLLOWING PAY ITEM NOTES EMPHASIZE PARTS OF FDOT SPECIFICATIONS OR MODIFICATIONS TO FDOT SPECIFICATIONS BY THE PLANS, AND/OR SPECIAL PROVISIONS. ITEMS CODED PER FDOT 2022 BASIS OF ESTIMATES.

- PAY ITEM 101-1 (MOBILIZATION) LUMP SUM PRICE INCLUDES PROJECT LAYOUT, OBTAINING AND COMPLYING WITH FDEP NPDES CONSTRUCTION PERMIT PER SPECIAL PROVISIONS SECTION 104, DETAILED CONSTRUCTION SCHEDULE, AND NOTIFICATIONS PER SPECIAL PROVISIONS SECTION 102.
- PAY ITEM 102-1 (MAINTENANCE OF TRAFFIC) LUMP SUM PRICE INCLUDES ALL MOT SIGNS, POSTS, BARRICADES, CONNECTIONS, INSTALLATION AND REMOVAL. INCLUDES MAINTENANCE OF TRAFFIC AND DETOURS AS REQUIRED AROUND THE CONSTRUCTION AREAS, REMOVAL AND REINSTALLATION OF EXISTING TRAFFIC SIGNS, AND MAINTENANCE OF DRIVEWAYS DURING CONSTRUCTION TO ALLOW ACCESS TO PROPERTY.
- PAY ITEM 285-701/703 (OPTIONAL BASE, BASE GROUP 01, BASE GROUP 03) UNIT PRICE INCLUDES ALL LABOR, MATERIAL, EQUIPMENT AND INCIDENTALS NECESSARY TO PROVIDE LIMEROCK (MINIMUM LBR 100) TO INCLUDE BUT NOT LIMITED TO REMOVAL OF EXISTING BASE AS NECESSARY, GRADING, SUBGRADE SHAPING, ROLLING/COMPACTING, TESTING SO THAT FINAL BASE MEETS PLAN GRADING. GRADED AGGREGATE BASE (GAB) OR RECYCLED CONCRETE AGGREGATE (LBR 150) MAY BE USED IN LIEU OF LIMEROCK.
- PAY ITEM 327-70-1/5/6/16 (MILLING EXISTING ASPHALT, VARIOUS DEPTHS) UNIT PRICE INCLUDES MILLING PER THE TRANSITION DETAIL SHOWN IN THE PLANS. UNIT PRICE PAYMENT SHALL BE FOR THE FIELD-MEASURED QUANTITY.
- PAY ITEM 334-1-52 (SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, SP-12.5, PG 76-22) UNIT PRICE INCLUDES BITUMINOUS PRIME COAT MATERIAL AND INSTALLATION. INCLUDES CONSTRUCTING PAVED APRONS AT INTERSECTING ROADS AND DRIVEWAYS PER THE DETAIL IN THE PLANS. COMPACT IN STATIC ROLLING MODE ONLY.
- PAY ITEM 337-7-80 (ASPHALTIC CONCRETE FC, TRAFFIC B, FC-9.5, PG 76-22) UNIT PRICE INCLUDES BITUMINOUS PRIME COAT MATERIAL AND INSTALLATION. INCLUDES CONSTRUCTING PAVED APRONS AT INTERSECTING ROADS AND DRIVEWAYS PER THE DETAIL IN THE PLANS. FRICTION COURSE SHALL BE COMPACTED IN STATIC ROLLING MODE ONLY.
- PAY ITEM 570-1-2 (PERFORMANCE TURF) UNIT PRICE INCLUDES ALL LABOR, MATERIAL, EQUIPMENT, AND INCIDENTALS NECESSARY TO INSTALL ONE SQUARE YARD OF SOD IN ACCORDANCE WITH THE SPECIAL PROVISIONS SECTION 104, WHICH INCLUDES BUT NOT LIMITED TO LIME, FERTILIZER, WATER AND ANY INCIDENTALS FOR A HEALTHY STAND OF GRASS. INCLUDES FURNISHING AND INSTALLING PINS AS NECESSARY FOR LAPPING SOD. ALSO INCLUDES CLIPPING/REMOVING EXISTING TURF FROM SHOULDER AS NECESSARY. SOD SHALL BE BAHIA OR BERMUDA ONLY.

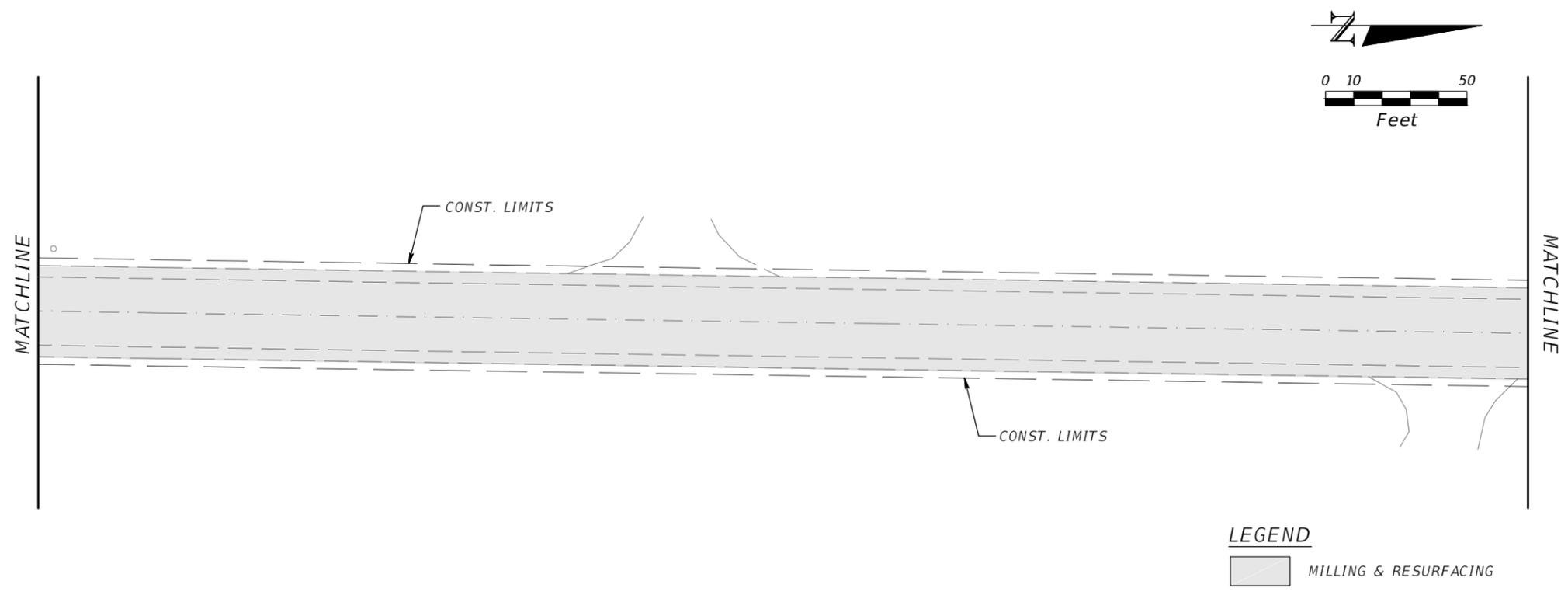
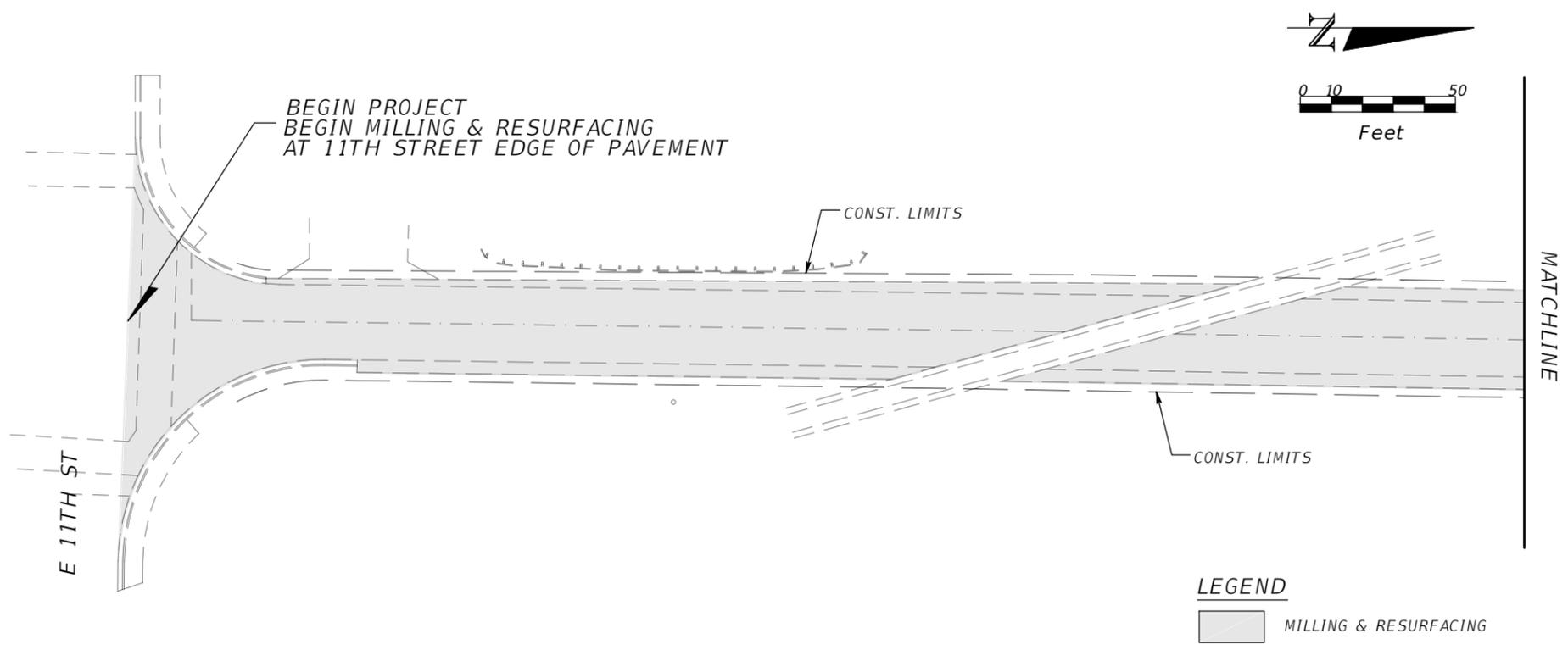


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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

**SUMMARY OF PAY ITEMS &
PAY ITEM NOTES**

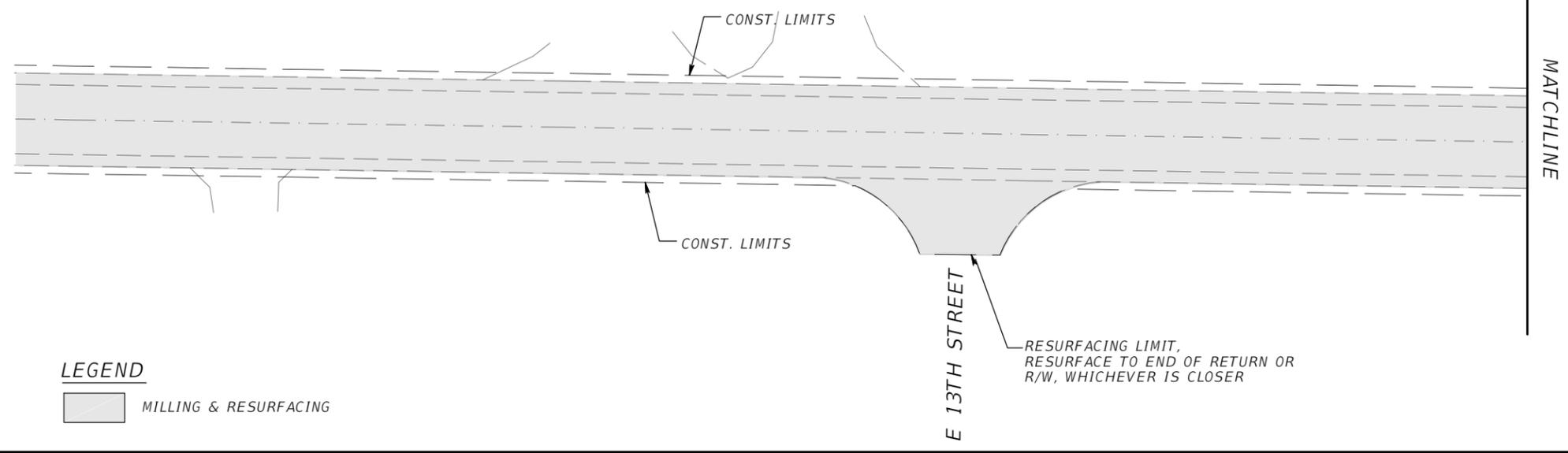
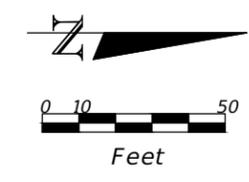
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CHECKED BY TR	DATE DRAWN 7/25/22	



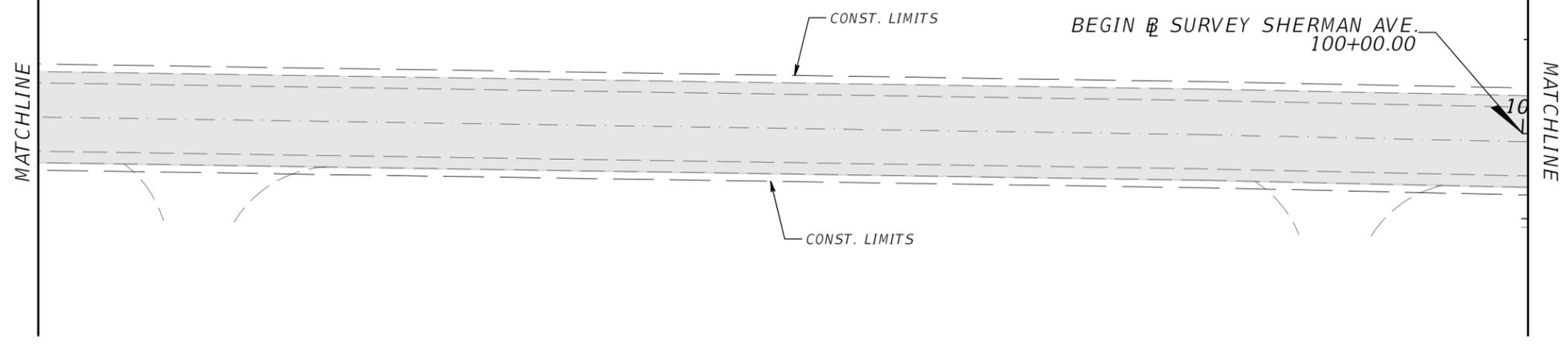
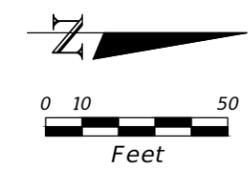
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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

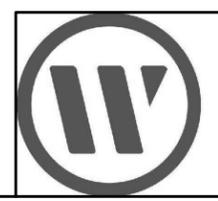
ROADWAY PLAN		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 83 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



LEGEND
 MILLING & RESURFACING



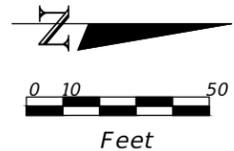
LEGEND
 MILLING & RESURFACING



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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

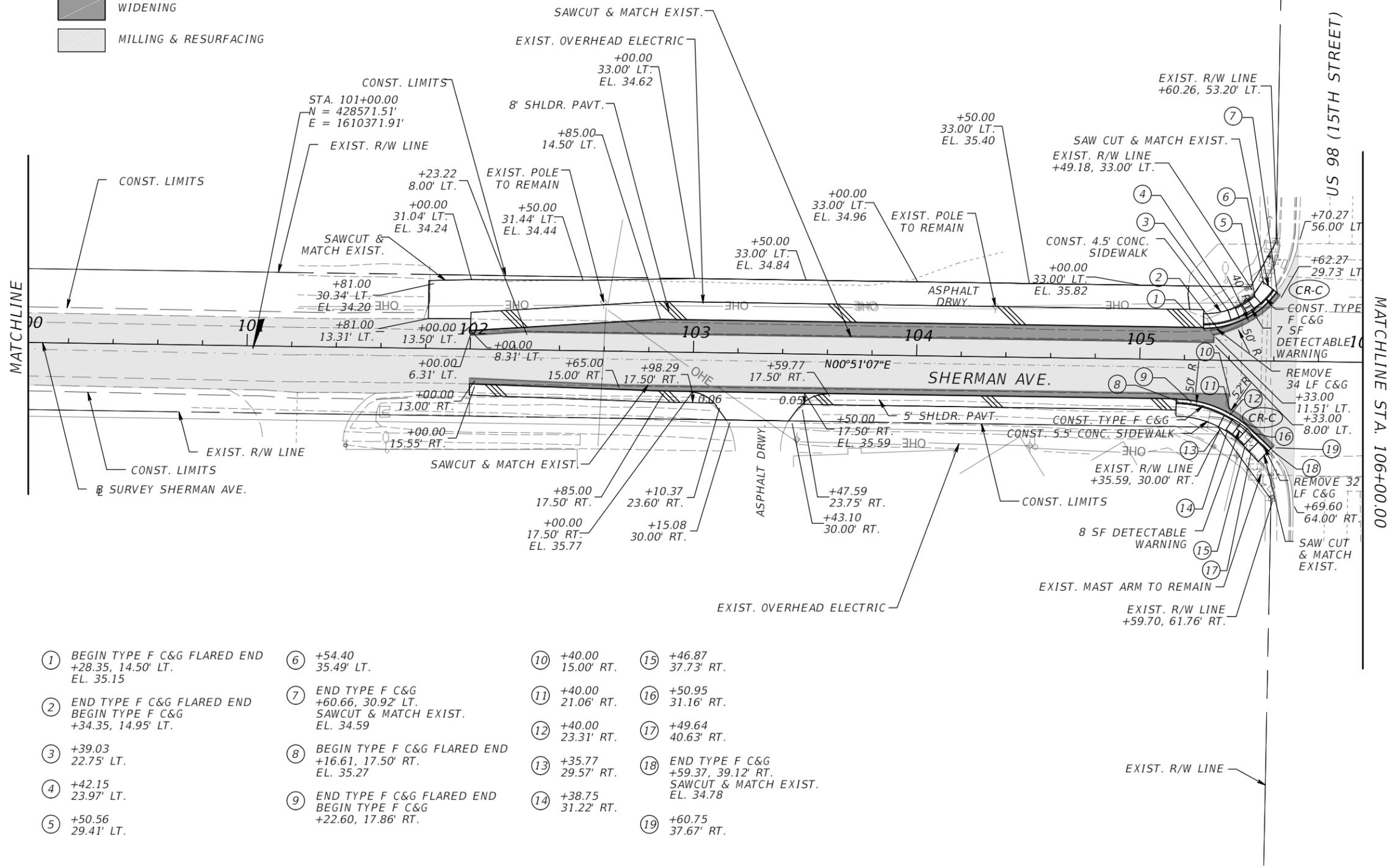
ROADWAY PLAN		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 84 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



CAUTION: BURIED GAS LINE WITHIN R/W

LEGEND

- WIDENING
- MILLING & RESURFACING



- | | | | |
|---|--|------------------------|--|
| ① BEGIN TYPE F C&G FLARED END
+28.35, 14.50' LT.
EL. 35.15 | ⑥ +54.40
35.49' LT. | ⑩ +40.00
15.00' RT. | ⑮ +46.87
37.73' RT. |
| ② END TYPE F C&G FLARED END
BEGIN TYPE F C&G
+34.35, 14.95' LT. | ⑦ END TYPE F C&G
+60.66, 30.92' LT.
SAWCUT & MATCH EXIST.
EL. 34.59 | ⑪ +40.00
21.06' RT. | ⑯ +50.95
31.16' RT. |
| ③ +39.03
22.75' LT. | ⑧ BEGIN TYPE F C&G FLARED END
+16.61, 17.50' RT.
EL. 35.27 | ⑫ +40.00
23.31' RT. | ⑰ +49.64
40.63' RT. |
| ④ +42.15
23.97' LT. | ⑨ END TYPE F C&G FLARED END
BEGIN TYPE F C&G
+22.60, 17.86' RT. | ⑬ +35.77
29.57' RT. | ⑱ END TYPE F C&G
+59.37, 39.12' RT.
SAWCUT & MATCH EXIST.
EL. 34.78 |
| ⑤ +50.56
29.41' LT. | | ⑭ +38.75
31.22' RT. | ⑲ +60.75
37.67' RT. |

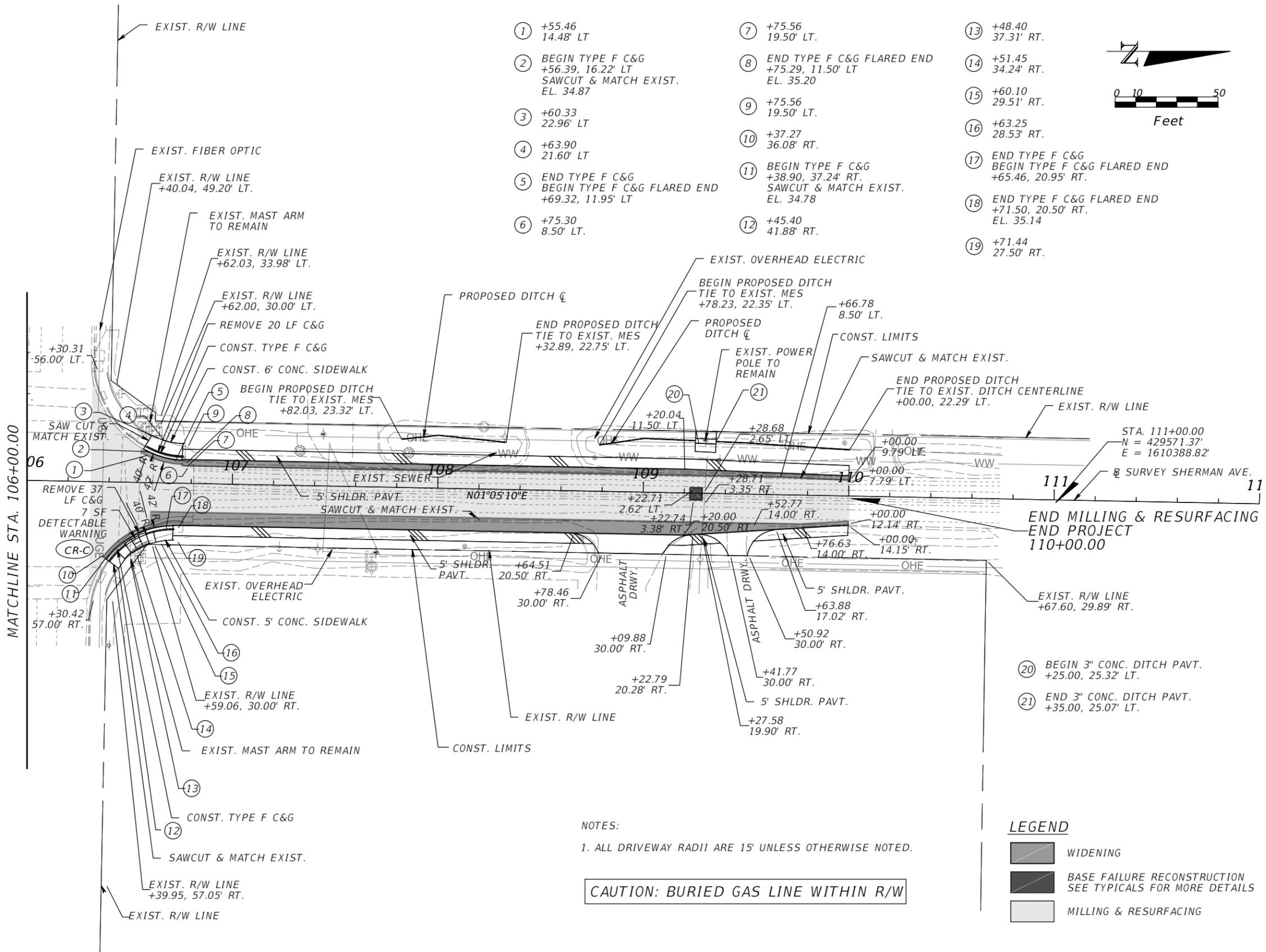


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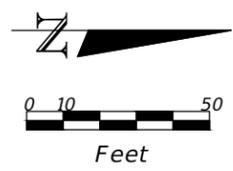
**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

ROADWAY PLAN

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 85 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



- ① +55.46
14.48' LT
- ② BEGIN TYPE F C&G
+56.39, 16.22' LT
SAWCUT & MATCH EXIST.
EL. 34.87
- ③ +60.33
22.96' LT
- ④ +63.90
21.60' LT
- ⑤ END TYPE F C&G
BEGIN TYPE F C&G FLARED END
+69.32, 11.95' LT
- ⑥ +75.30
8.50' LT.
- ⑦ +75.56
19.50' LT.
- ⑧ END TYPE F C&G FLARED END
+75.29, 11.50' LT
EL. 35.20
- ⑨ +75.56
19.50' LT.
- ⑩ +37.27
36.08' RT.
- ⑪ BEGIN TYPE F C&G
+38.90, 37.24' RT.
SAWCUT & MATCH EXIST.
EL. 34.78
- ⑫ +45.40
41.88' RT.
- ⑬ +48.40
37.31' RT.
- ⑭ +51.45
34.24' RT.
- ⑮ +60.10
29.51' RT.
- ⑯ +63.25
28.53' RT.
- ⑰ END TYPE F C&G
BEGIN TYPE F C&G FLARED END
+65.46, 20.95' RT.
- ⑱ END TYPE F C&G FLARED END
+71.50, 20.50' RT.
EL. 35.14
- ⑲ +71.44
27.50' RT.



NOTES:

1. ALL DRIVEWAY RADII ARE 15' UNLESS OTHERWISE NOTED.

CAUTION: BURIED GAS LINE WITHIN R/W

LEGEND

- WIDENING
- BASE FAILURE RECONSTRUCTION
SEE TYPICALS FOR MORE DETAILS
- MILLING & RESURFACING



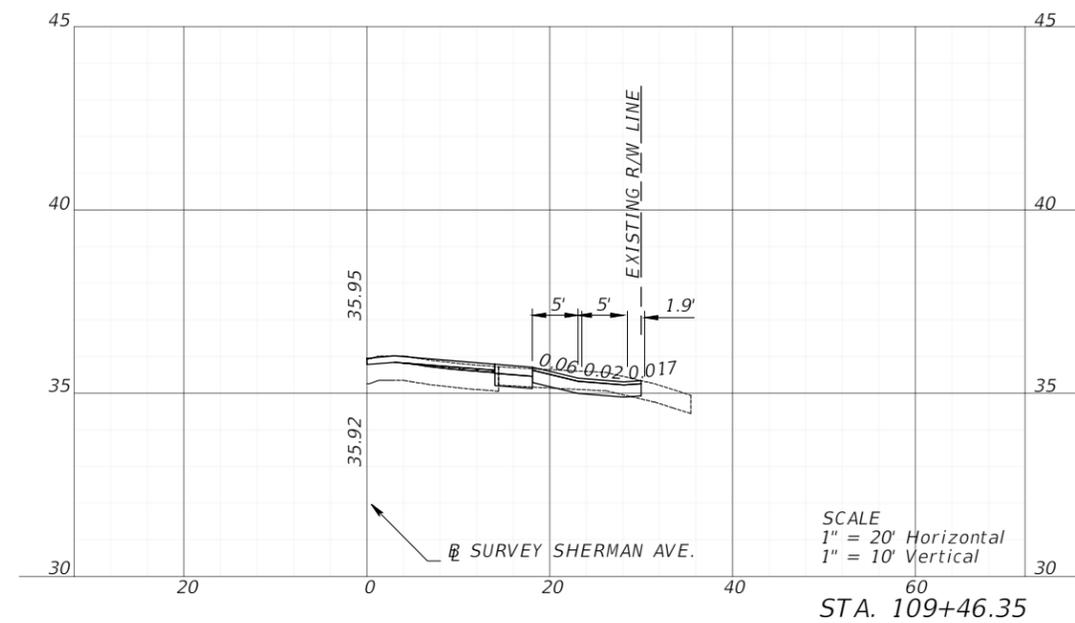
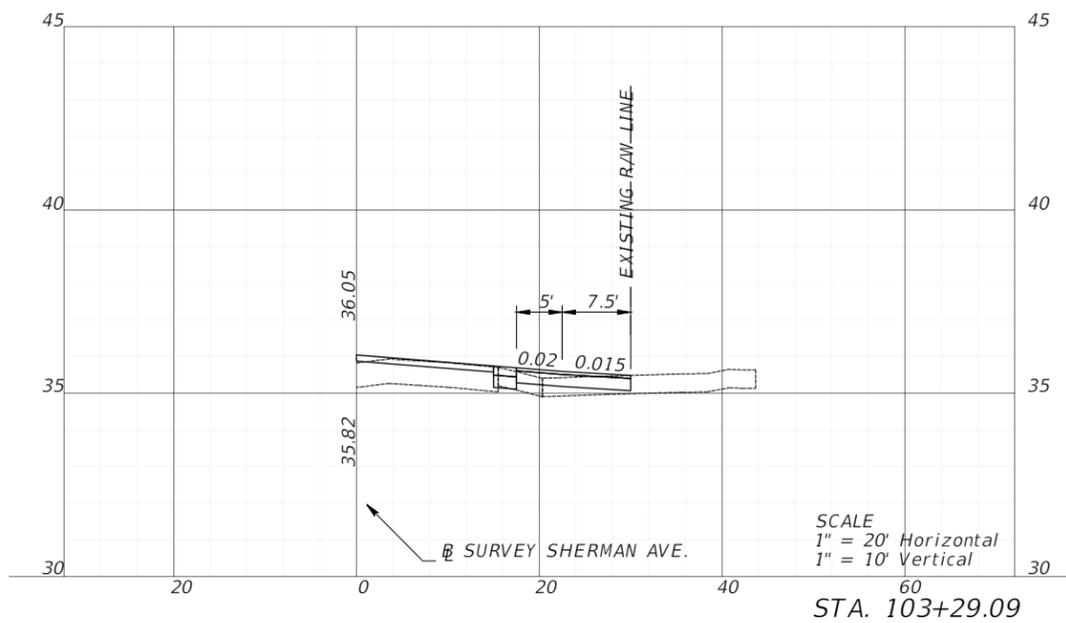
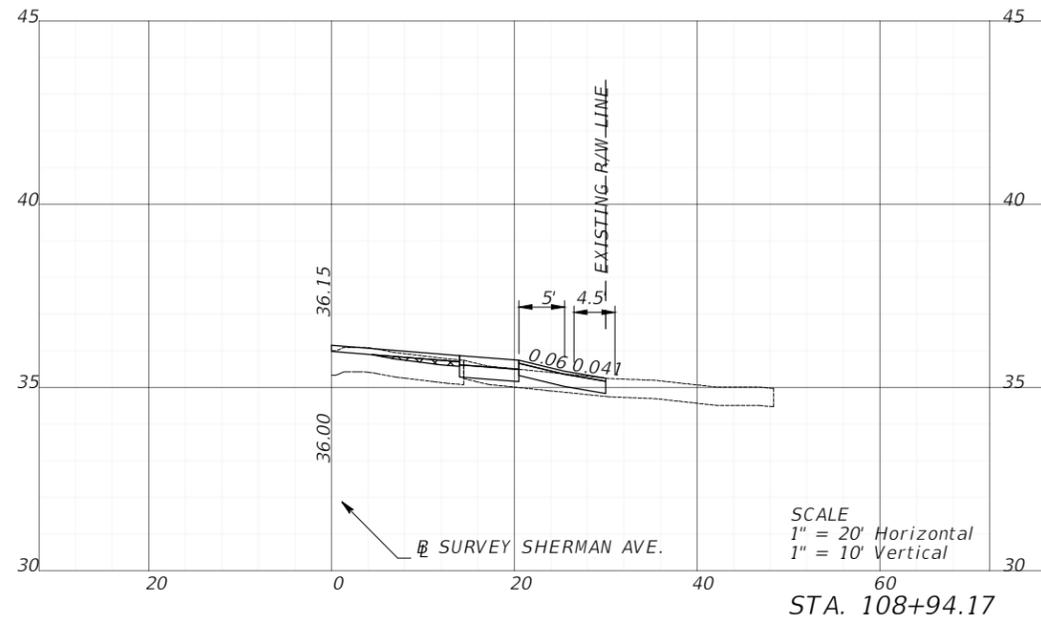
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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

ROADWAY PLAN

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 86 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

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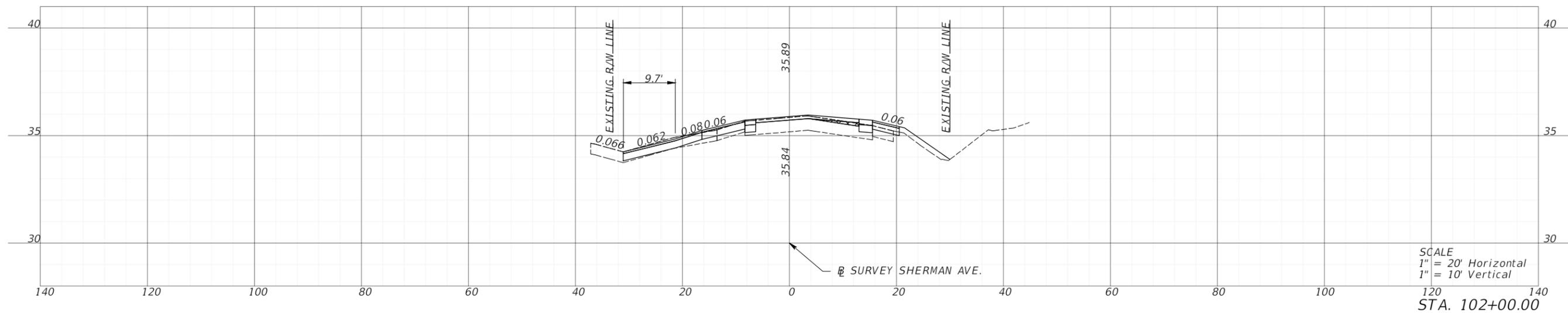
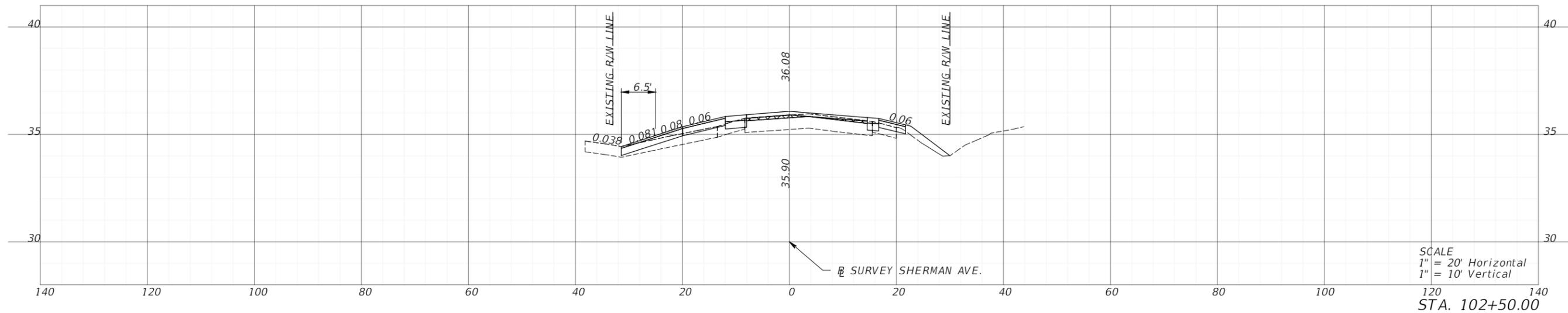
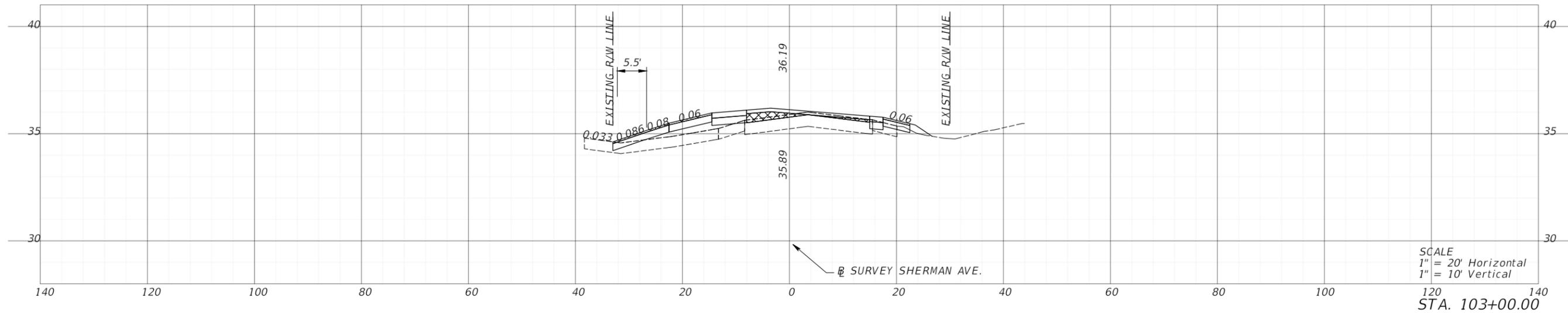


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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

DRIVEWAY PROFILES

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 87 of 122
CHECKED BY TR	DATE DRAWN 7/21/22	



LEGEND
 OVERBUILD



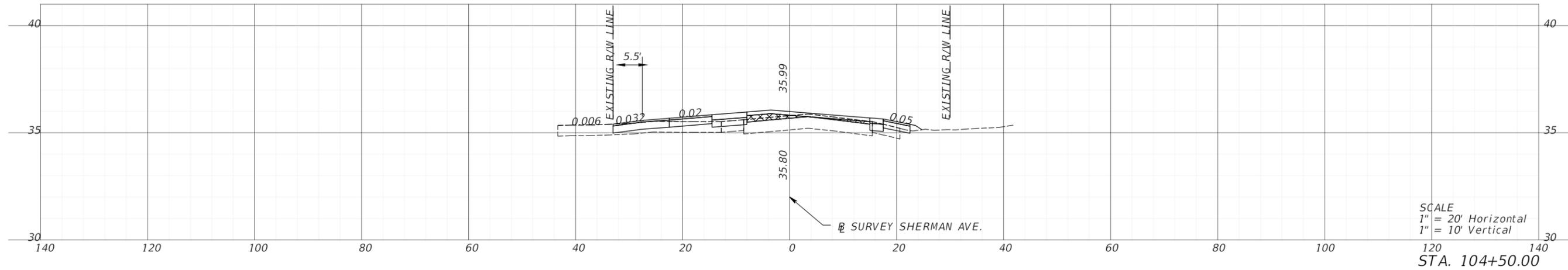
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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

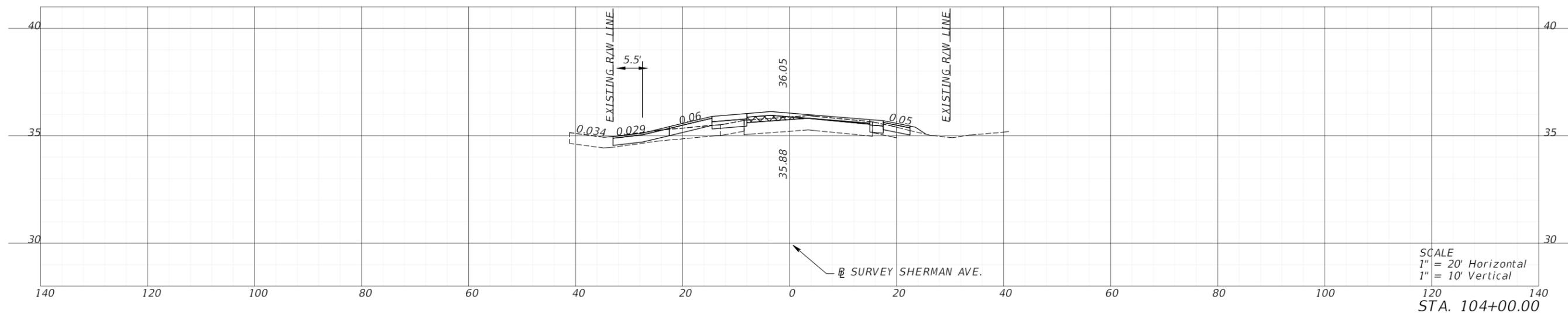
CROSS SECTIONS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 88 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

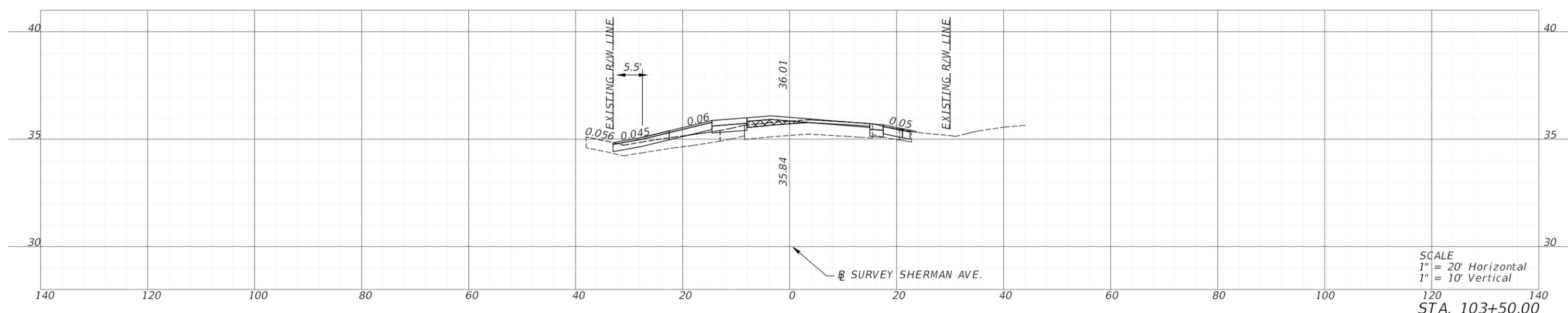
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SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 104+50.00



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 104+00.00



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 103+50.00

LEGEND
 OVERBUILD



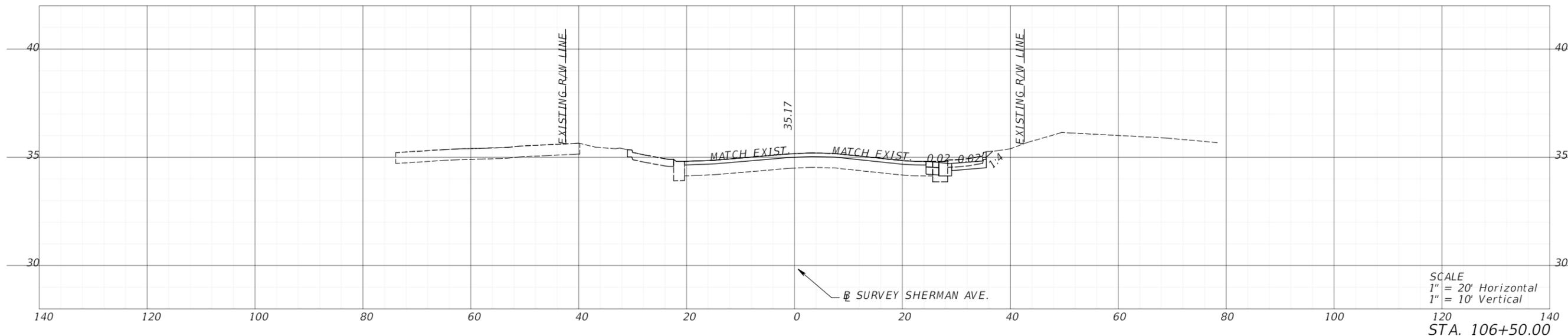
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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

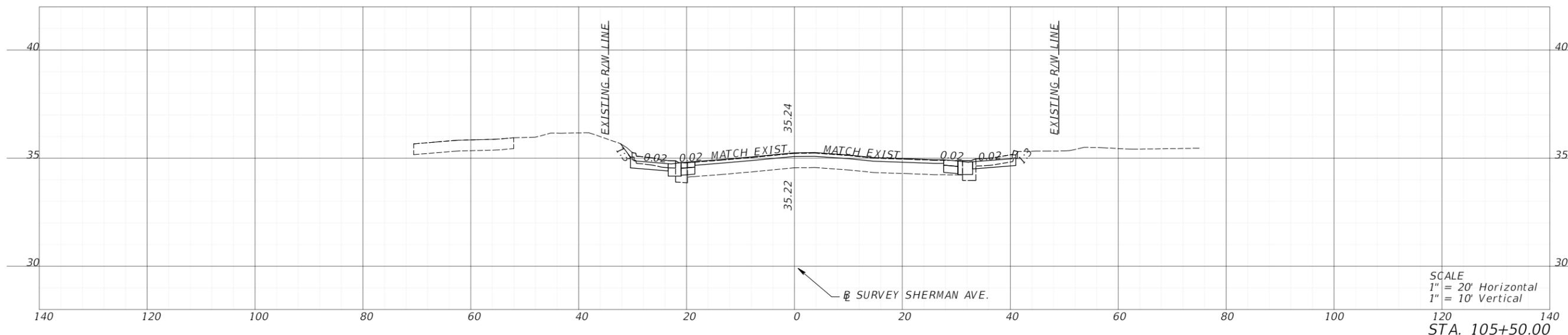
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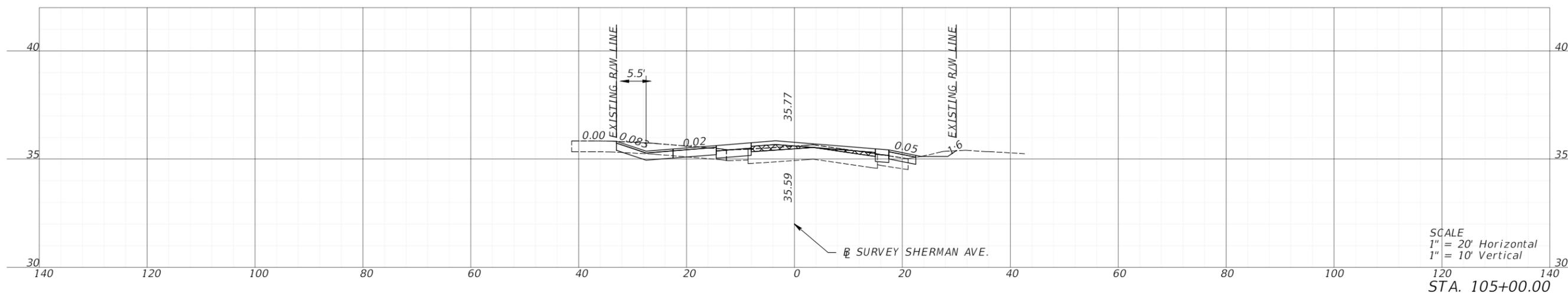
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SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 106+50.00



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 105+50.00



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 105+00.00

LEGEND
 OVERBUILD



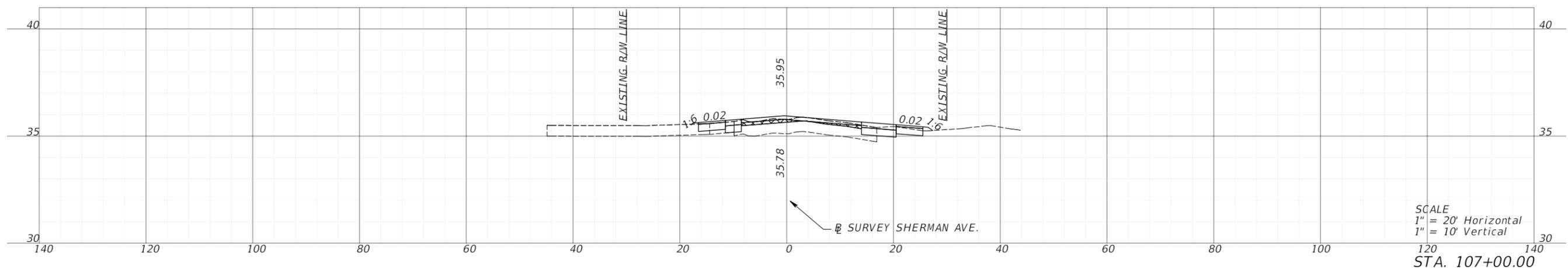
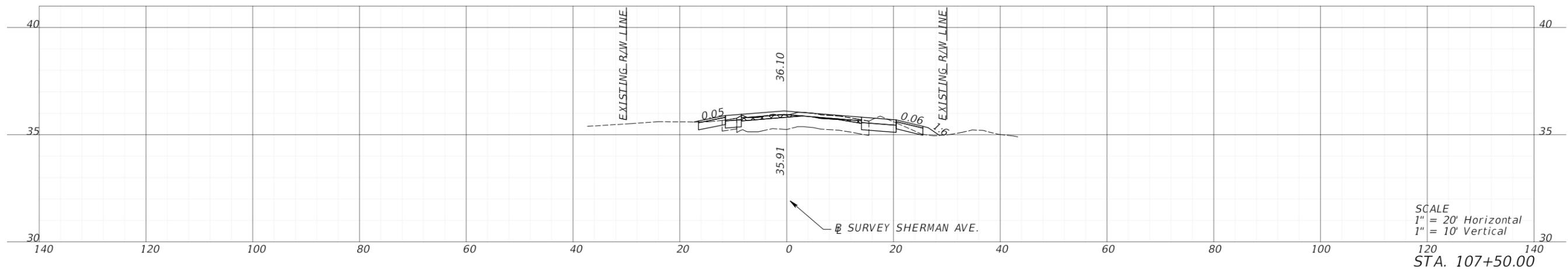
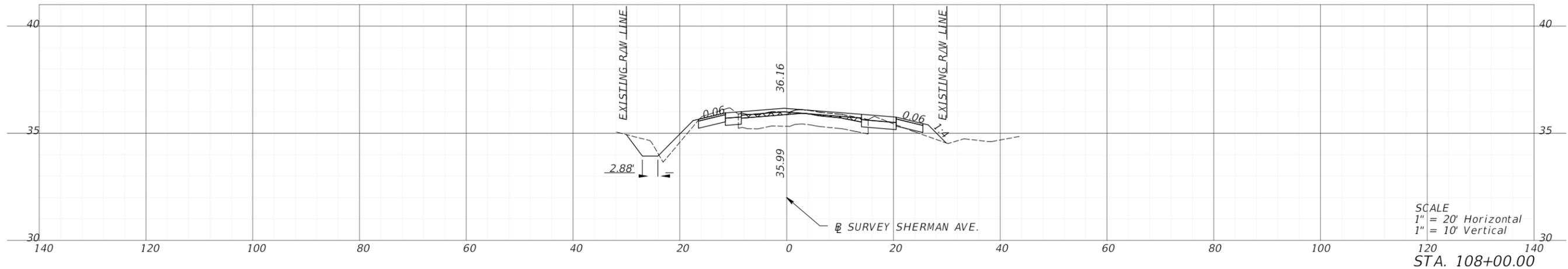
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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

CROSS SECTIONS

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 90 of 122
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LEGEND

 OVERBUILD



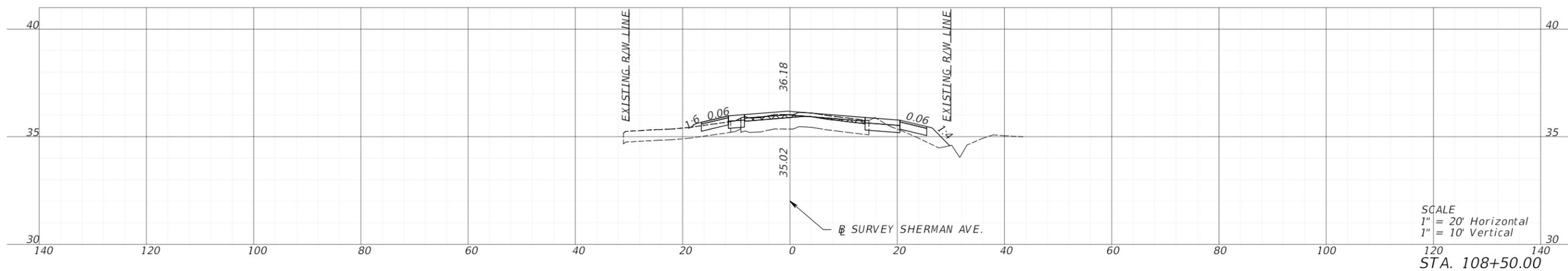
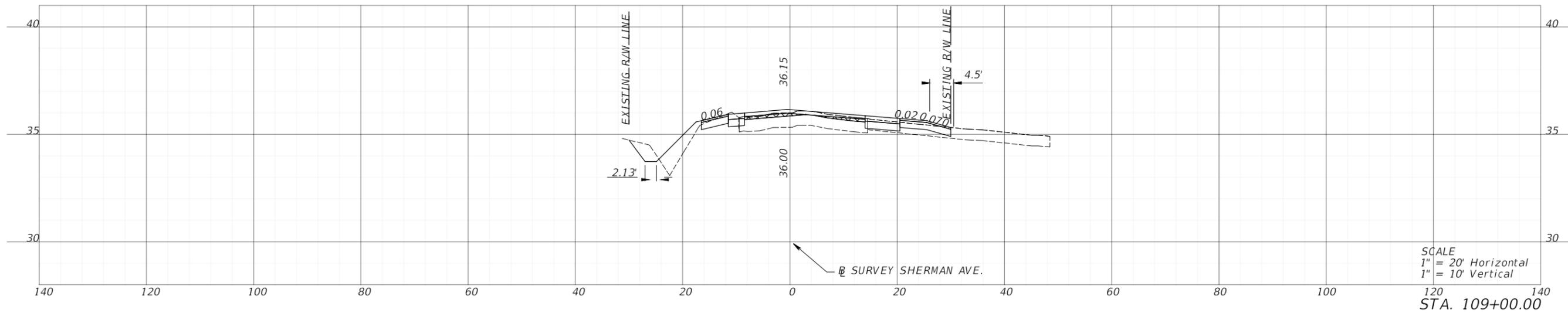
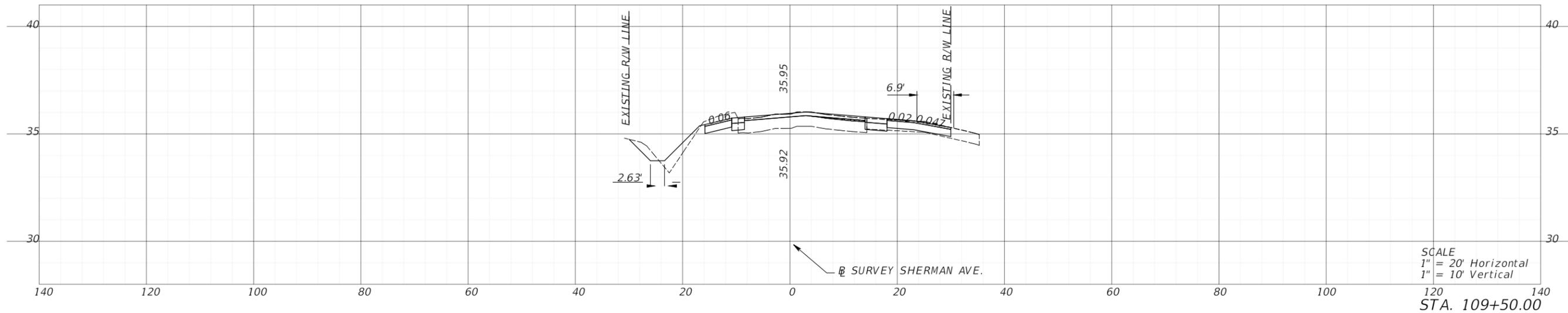
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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

CROSS SECTIONS

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LEGEND
 OVERBUILD

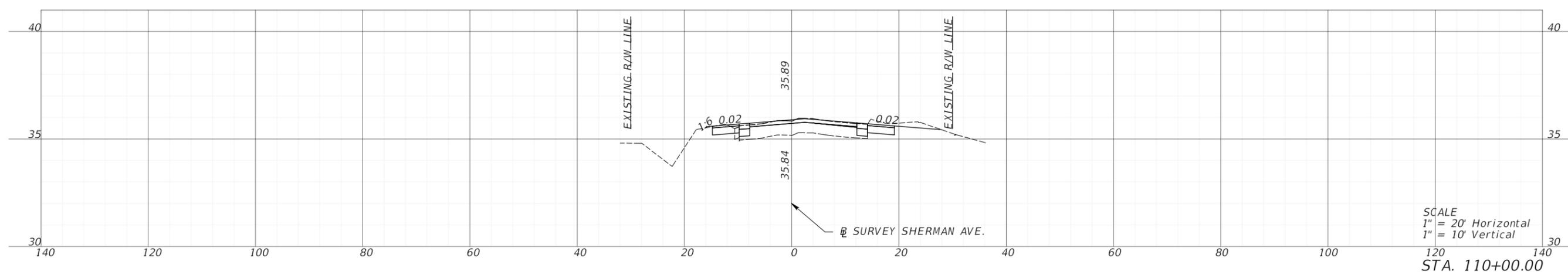


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 BUILDING C, SUITE 100
 TALLAHASSEE, FL 32309
 (850) 210-0101

**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

CROSS SECTIONS		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 92 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LOREN Z. STEELE, P.E.
P.E. LICENSE NUMBER 83725
WGI, INC.
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TALLAHASSEE, FL 32309
(850) 210-0101

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

CROSS SECTIONS		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 93 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

TRAFFIC CONTROL NOTES:

1. SEE STANDARD PLANS INDEX 102-600 FOR GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES.
2. SEE STANDARD PLANS INDEX 102-602, SHEET 1 OF 2, FOR WORK ON SHOULDER.
3. SEE STANDARD PLANS INDEX 102-603, SHEET 1 OF 2, FOR WORK WITHIN TRAVEL WAY.
4. SEE STANDARD PLANS INDEX 102-603, SHEET 2 OF 2, FOR WORK WITHIN TRAVEL WAY AT RAILROAD CROSSING.
5. SEE STANDARD PLANS INDEX 102-604 FOR INTERSECTION WORK ON SHERMAN AVENUE AND STANDARD PLANS INDEX 102-615 FOR INTERSECTION WORK ON 15TH STREET.
6. SEE STANDARD PLANS INDEX 102-660, SHEET 1 OF 2, FOR SIDEWALK CLOSURE.
7. REGULATORY SPEED FOR ALL ROADWAYS DURING CONSTRUCTION SHALL BE MAINTAINED AT CURRENT POSTED SPEEDS.
8. THE CONTRACTOR SHALL HAVE A WORKSITE TRAFFIC SUPERVISOR QUALIFIED PER FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SECTION 105-8) WHO SHALL EXECUTE THE DUTIES DESCRIBED IN FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SECTION 102-3).
9. CONTRACTOR TO INSTALL TRAFFIC CONTROL IN WORK ZONE SIGNS 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.
10. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO MAINTAIN ADEQUATE TRAFFIC CONTROL AND TO PROVIDE DETOURS AROUND CONSTRUCTION ACTIVITIES.
11. AT LEAST ONE LANE OF ROAD SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES, EXCEPT FOR THE BASE REPAIR FAILURE WHERE A DETOUR WILL BE NEEDED AND FOLLOWED.
12. CONTRACTOR AT CONTRACTOR'S EXPENSE SHALL GIVE RESIDENTS AND BUSINESSES LOCATED ON THE PROJECT RIGHT-OF-WAY 48 HOURS NOTICE OF START OF CONSTRUCTION AND HAVE MAINTENANCE OF TRAFFIC SIGNAGE IN PLACE PRIOR TO BEGINNING ANY CONSTRUCTION. THE COUNTY WILL PROVIDE DOOR HANGER TYPE NOTICES TO THE CONTRACTOR. CONTRACTOR PERSONNEL SHALL DISTRIBUTE TO EACH BUSINESS AND RESIDENT 24 HOURS PRIOR TO STARTING ANY OPERATIONS THAT COULD PREVENT ACCESS TO ANY RESIDENCE OR BUSINESS. THE CONTRACTOR SHALL ALSO NOTIFY LAW ENFORCEMENT AGENCIES AND FIRE STATIONS AT LEAST 48 HOURS IN ADVANCE OF ANY LANE CLOSURES.
13. THE CONTRACTOR SHALL COOPERATE WITH LOCAL RESIDENTS IN GAINING ACCESS TO THEIR HOMES AND BUSINESSES DURING WORKING HOURS AND SHALL ASSIST AT ALL TIMES WHEN VEHICLES EXPERIENCE TROUBLE DUE TO CONSTRUCTION ACTIVITIES.
14. THE CONTRACTOR SHALL PUT FORTH EVERY REASONABLE EFFORT TO MINIMIZE DISRUPTION AND DISTURBANCE OF ADJACENT PROPERTIES. ACCESS BY PROPERTY OWNERS TO THEIR PROPERTY SHALL BE MAINTAINED AT ALL TIMES, AND ANY BARRICADING OF ACCESS MUST BE COORDINATED WITH THE AFFECTED PROPERTY OWNERS.
15. THE ROADWAY CONSTRUCTION SEQUENCE TO BE DETERMINED BY THE CONTRACTOR.
16. WHEN TRAFFIC SIGNS ARE LOCATED WITHIN THE AREA OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE COUNTY INSPECTOR FOR APPROVAL TO REMOVE, RE-SET, OR RELOCATE ANY SIGN. THE CONTRACTOR SHALL REINSTALL ANY DISTURBED MAILBOXES OR SIGNS PER APPROVAL BY THE ENGINEER.
17. IF WORK IS REQUIRED AFTER SUNSET, ALL ELEMENTS OF THE NIGHT REQUIREMENTS FOR TRAFFIC CONTROL THROUGH WORK ZONES AS SPECIFIED IN THE FDOT DESIGN STANDARDS SHALL BE IN PLACE PRIOR TO BEGINNING WORK.
18. AT THE DISCRETION OF THE COUNTY ENGINEER, IF LANE CLOSURE CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE UNTIL SUCH TIME AS THE TRAFFIC FLOW HAS RETURNED TO NORMAL.
19. CONTRACTOR SHALL INSTALL WARNING SIGNS IN AREAS WHERE THERE IS A PAVING LANE OR SHOULDER DROP-OFF CAUSED BY THE CONSTRUCTION ACTIVITY.
20. IN THE EVEN THAT LAW ENFORCEMENT IS REQUIRED FOR MAINTENANCE OF TRAFFIC, THE CONTRACTOR SHALL PAY ALL COSTS.
21. THE CONTRACTOR SHALL REMOVE OR COVER ANY EXISTING OR PROPOSED SIGNS OR PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS OR PAVEMENT MARKINGS TO THEIR ORIGINAL POSITION.
22. ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS OF AN EVACUATION NOTICE FOR A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE COUNTY ENGINEER.
23. TRAFFIC CONTROL DEVICES REQUIRED BY FDOT STANDARD PLANS INDEX 102 SERIES AND THE MUTCD SHALL BE PROVIDED AS CONDITIONS WARRANT IN EACH CONSTRUCTION PHASE. COORDINATION OF TRAFFIC CONTROL DEVICES BETWEEN SUCCESSIVE WORK ZONE LOCATIONS OR ADJACENT CONTRACTORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH APPROVAL OF BAY COUNTY.
24. SEE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 102 (MAINTENANCE OF TRAFFIC) FOR ANY ADDITIONAL REQUIREMENTS.
25. PROVIDE A UNIFORMED TRAFFIC CONTROL OFFICER OR FLAGGER AT THE HIGHWAY-RAIL GRADE CROSSING TO PREVENT VEHICLES FROM STOPPING WITHIN THE HIGHWAY-RAIL GRADE CROSSING, EVEN IF AUTOMATIC TRAIN WARNING DEVICES ARE PRESENT.

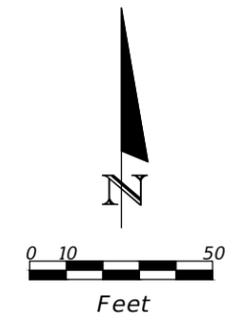


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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

TRAFFIC CONTROL PLAN

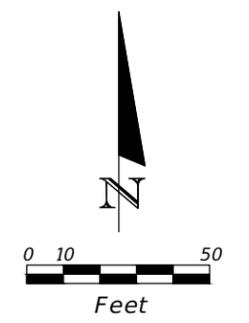
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 94 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



US 98 (15TH STREET)

LEGEND

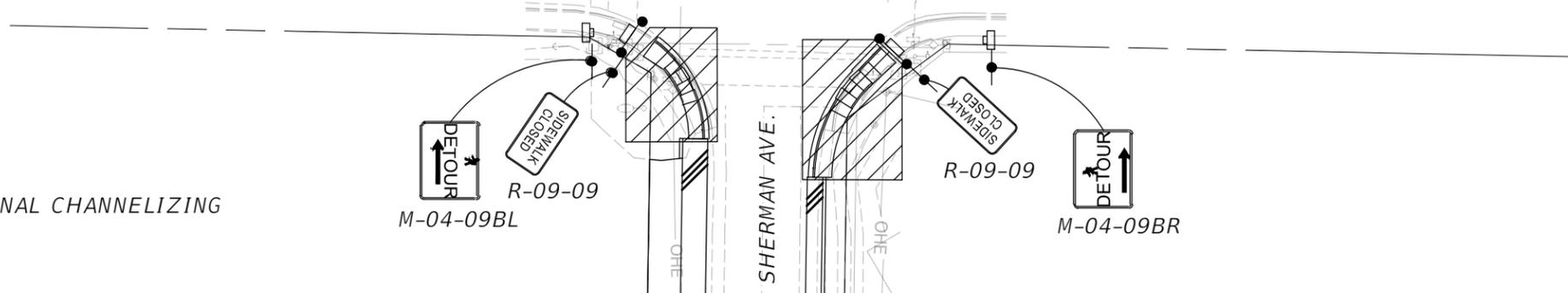
-  WORK ZONE
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE W/ SIGN (LCD)
-  WORK ZONE SIGN



US 98 (15TH STREET)

LEGEND

-  WORK ZONE
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE W/ SIGN (LCD)
-  WORK ZONE SIGN



PEDESTRIAN DETOUR



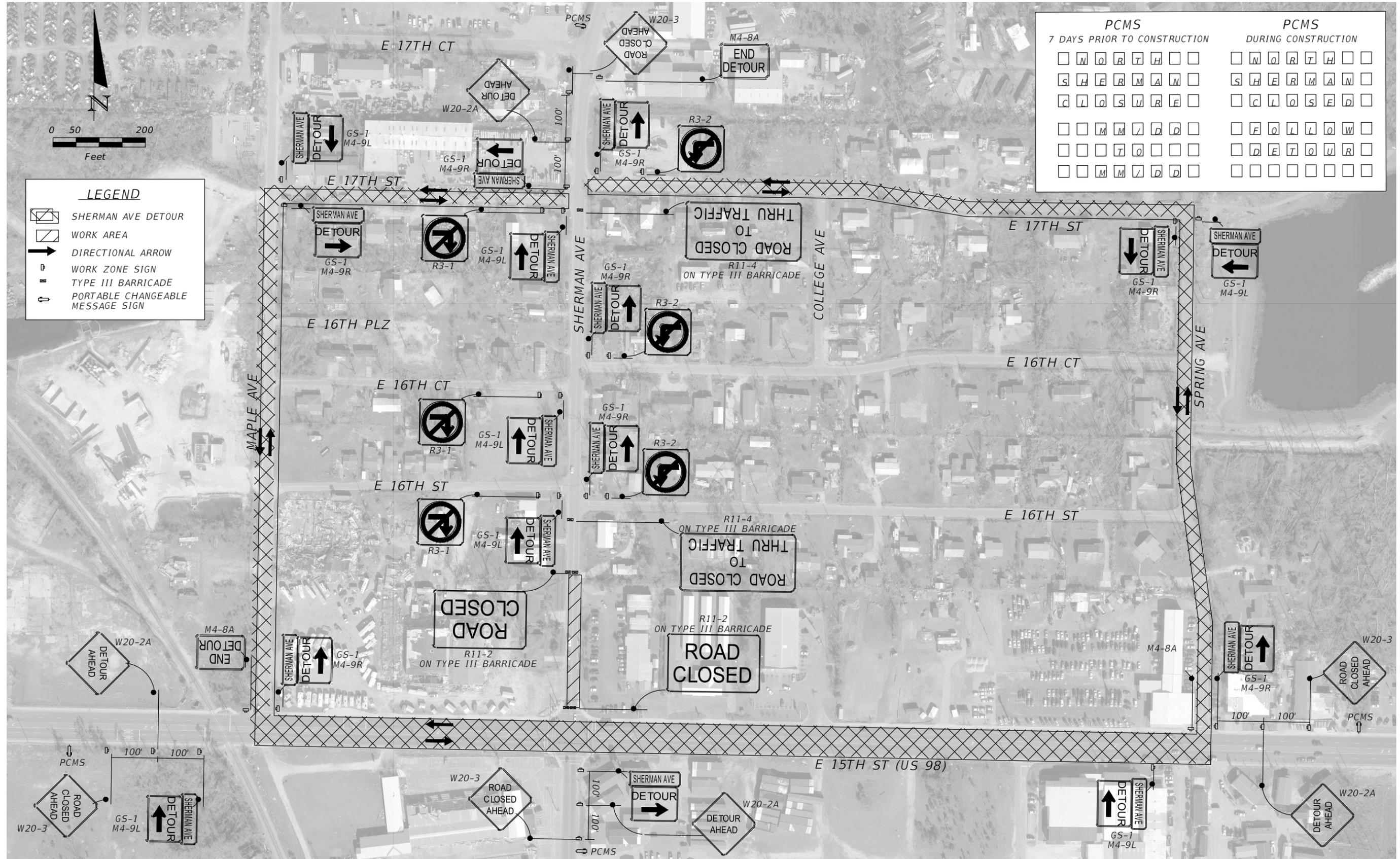
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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

TRAFFIC CONTROL PLAN

DESIGNED BY JH	DRAWN BY JH	SHEET NO. 95 of 122
CHECKED BY LS	DATE DRAWN 4/28/22	

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PCMS										PCMS									
7 DAYS PRIOR TO CONSTRUCTION										DURING CONSTRUCTION									
W	O	R	T	H						W	O	R	T	H					
S	H	E	R	M	A	N				S	H	E	R	M	A	N			
C	L	O	S	U	R	E				C	L	O	S	E	D				

LEGEND

- SHERMAN AVE DETOUR
- WORK AREA
- DIRECTIONAL ARROW
- WORK ZONE SIGN
- TYPE III BARRICADE
- PORTABLE CHANGEABLE MESSAGE SIGN

W

LOREN Z. STEELE, P.E.
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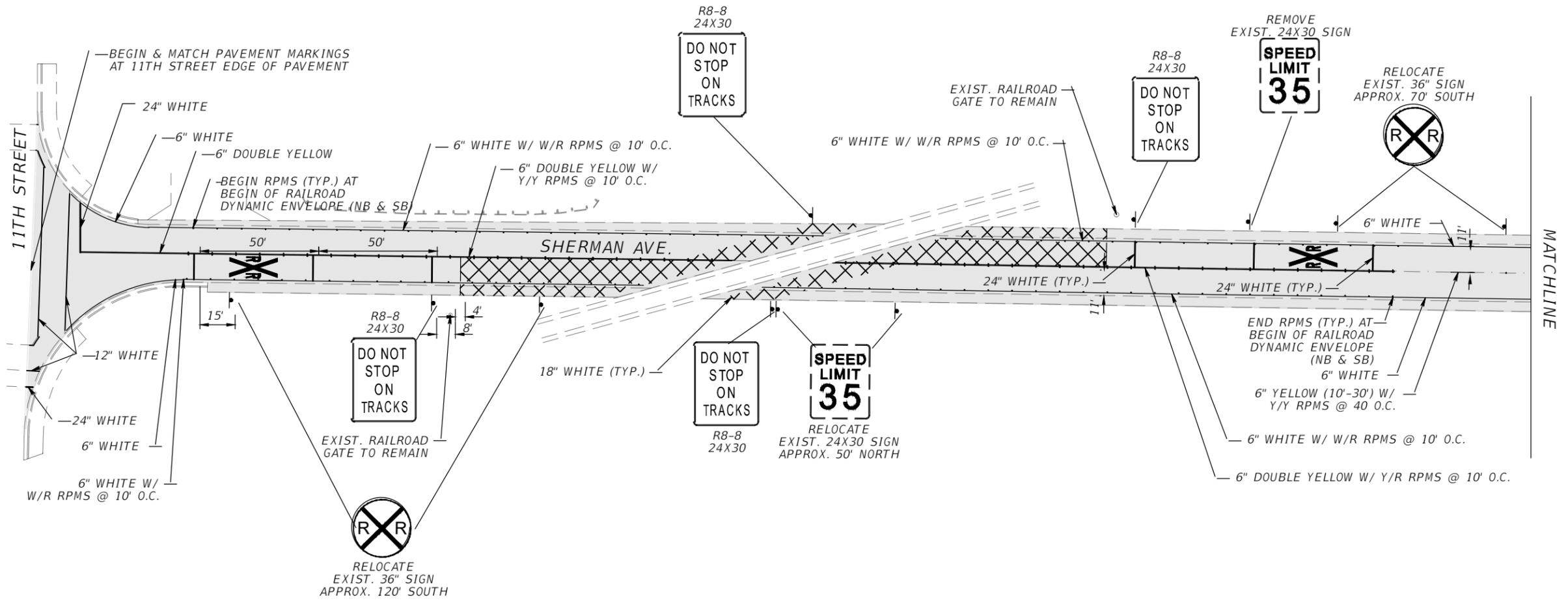
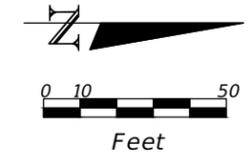
**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

TRAFFIC CONTROL PLAN		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 96 of 122
CHECKED BY TR	DATE DRAWN 6/23/22	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

NOTES:

1. FOR MORE INFORMATION ON RAILROAD CROSSING AT TWO-LANE ROADWAY, SEE FDOT DESIGN MANUAL CHAPTER 220 PAGE 7 AND FDOT STANDARD PLANS INDEX 711-001, SHEET 13.
2. FOR MORE INFORMATION ON SIGN PLACEMENT, SEE FDOT STANDARD PLANS INDEX 700-010-1.



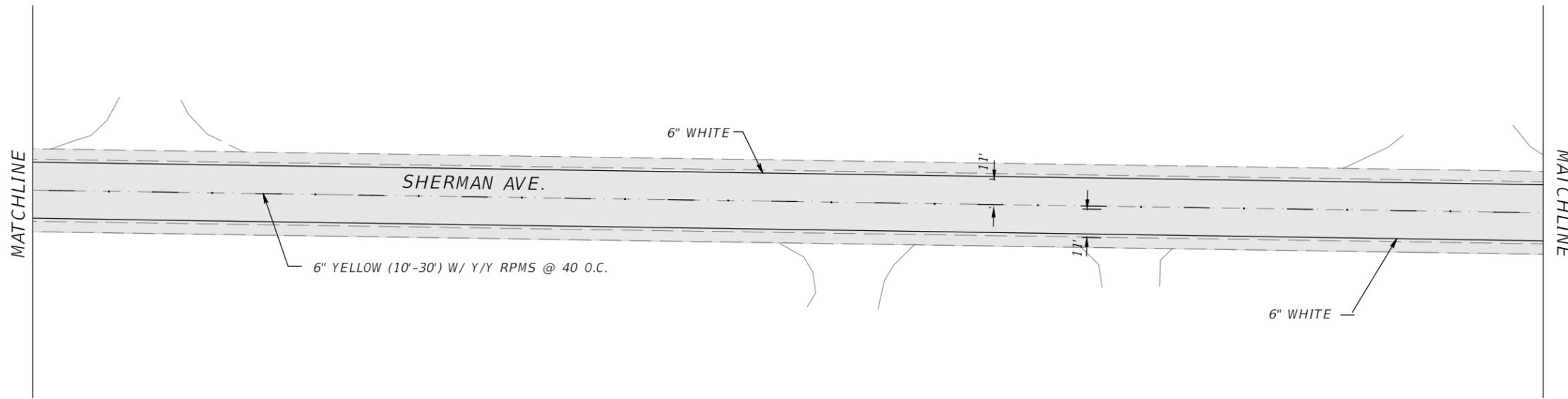
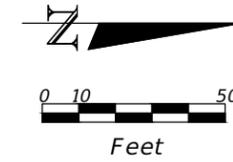
LEGEND
 MILLING & RESURFACING

LOREN Z. STEELE, P.E.
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 2316 KILLEARN CENTER BLVD.
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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

SIGNING AND PAVEMENT MARKING PLAN		
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 98 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	

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LEGEND

 MILLING & RESURFACING

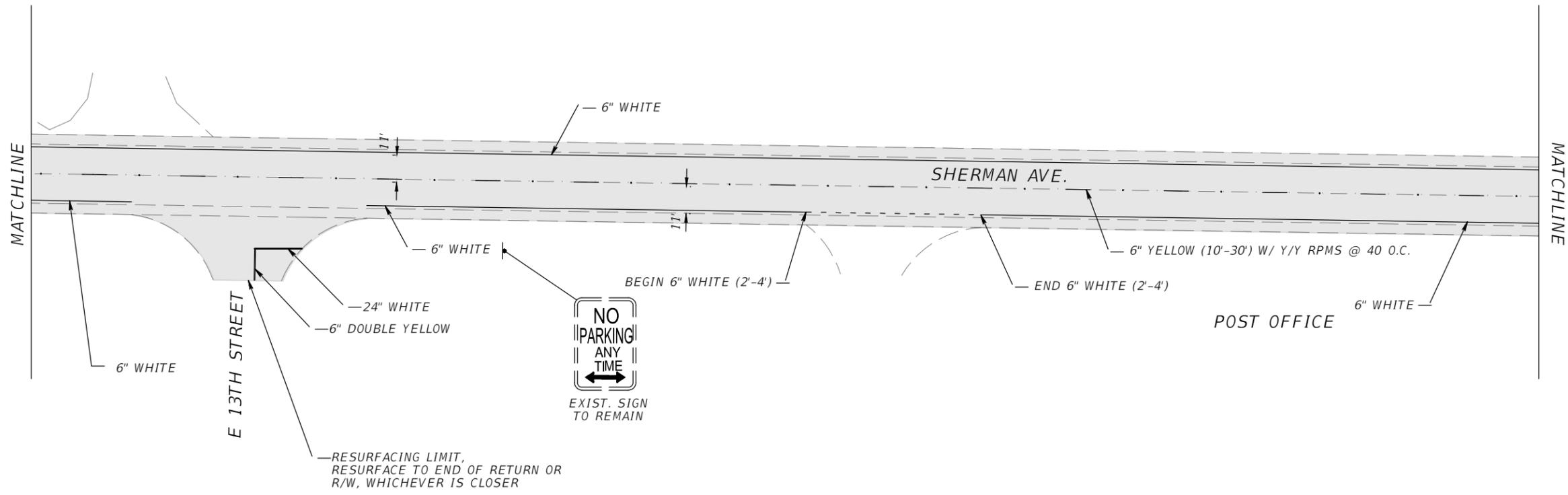
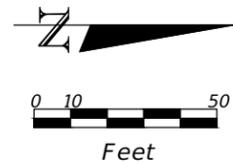


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**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

**SIGNING AND PAVEMENT
 MARKING PLAN**

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 99 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



LEGEND
 MILLING & RESURFACING

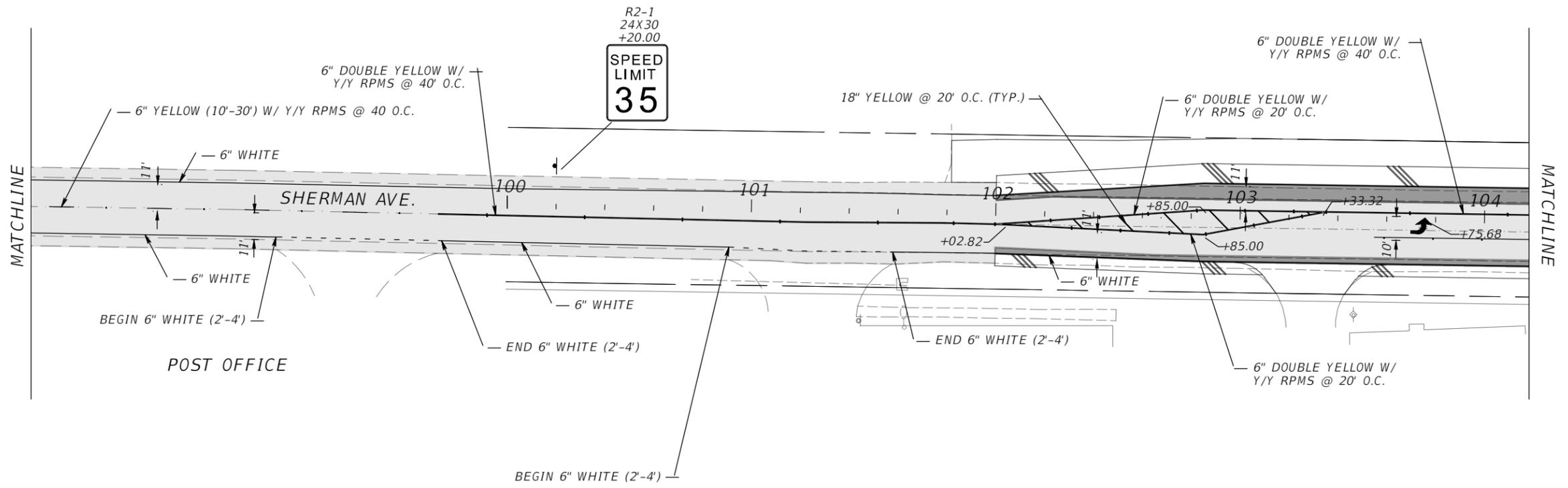
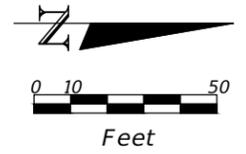


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**SHERMAN AVENUE
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**SIGNING AND PAVEMENT
 MARKING PLAN**

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 100 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



LEGEND

-  WIDENING
-  MILLING & RESURFACING

NOTE:
FOR MORE INFORMATION ON SIGN PLACEMENT, SEE FDOT STANDARD PLANS INDEX 700-010-1.

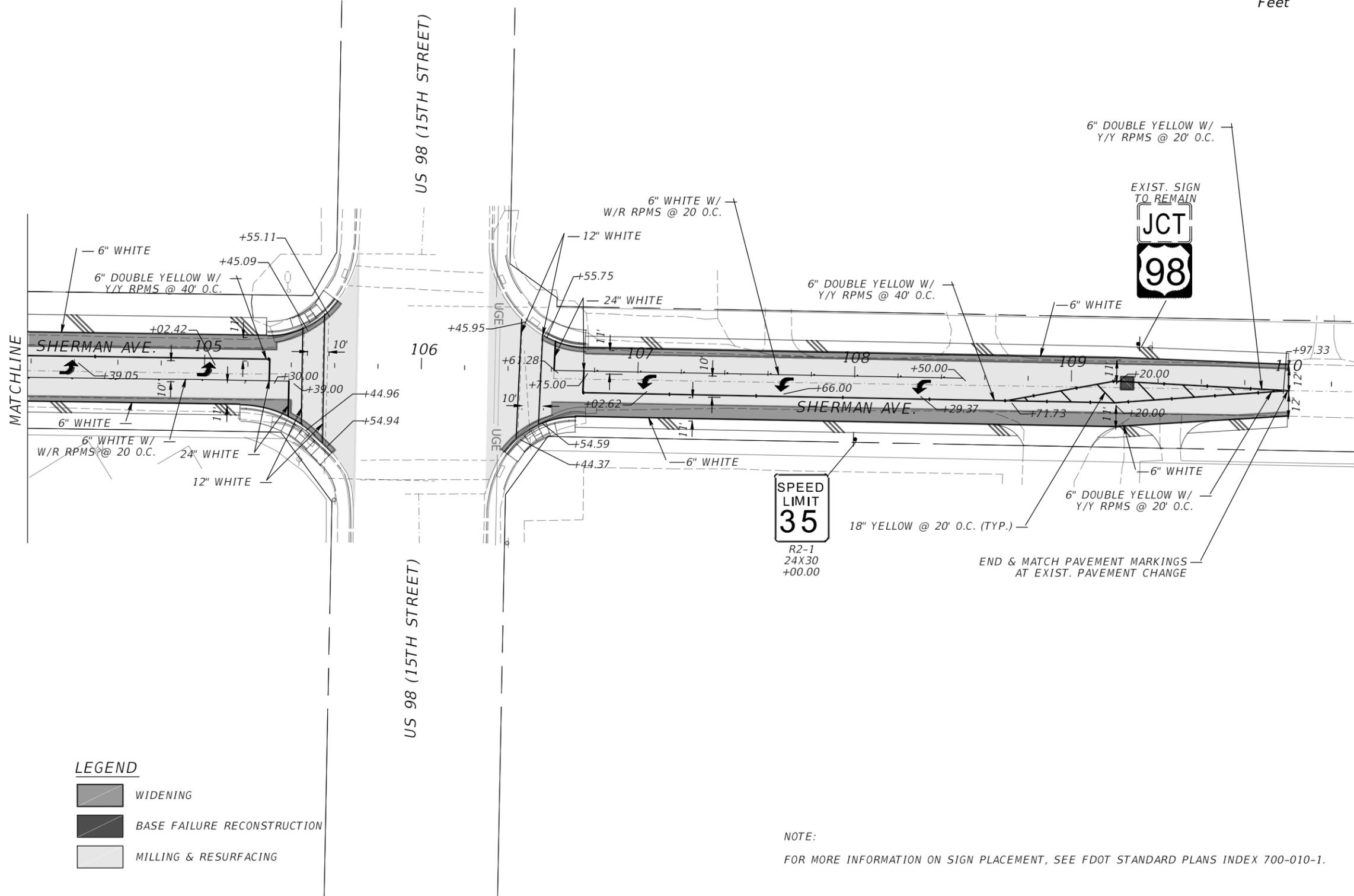
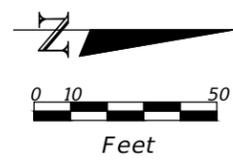


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**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

**SIGNING AND PAVEMENT
MARKING PLAN**

DESIGNED BY KM	DRAWN BY KM	SHEET NO. 101 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



LEGEND

	WIDENING
	BASE FAILURE RECONSTRUCTION
	MILLING & RESURFACING

NOTE:
FOR MORE INFORMATION ON SIGN PLACEMENT, SEE FDOT STANDARD PLANS INDEX 700-010-1.



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(850)210-0101

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

**SIGNING AND PAVEMENT
MARKING PLAN**

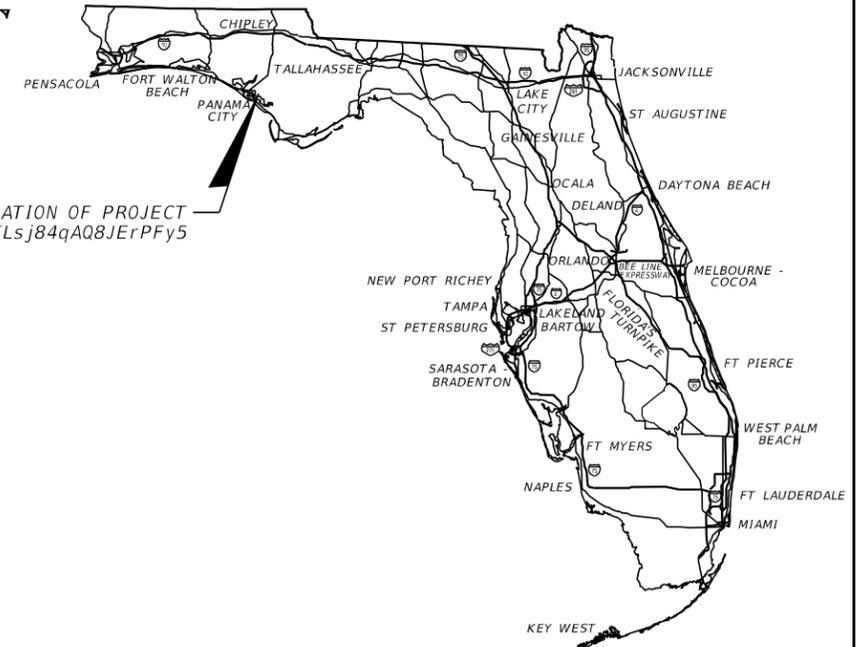
DESIGNED BY KM	DRAWN BY KM	SHEET NO. 102 of 122
CHECKED BY TR	DATE DRAWN 4/22/22	



**BAY COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

SIGNALIZATION PLANS

**SHERMAN AVENUE
FROM 11TH STREET TO 15TH STREET**



LOCATION OF PROJECT
<https://goo.gl/maps/TLsj84qAQ8JErPFy5>

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNALIZATION PLANS

INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	SIGNATURE SHEET
T-3	TABULATION OF QUANTITIES
T-4	GENERAL NOTES
T-5 - T-7	SIGNALIZATION PLANS
T-8	MAST ARM TABULATION

BOARD OF COUNTY COMMISSIONERS

TOMMY HAMM	VICE CHAIRMAN	DISTRICT 1
ROBERT CARROLL	CHAIRMAN	DISTRICT 2
WILLIAM T. DOZIER	COMMISSIONER	DISTRICT 3
DOUGLAS MOORE	COMMISSIONER	DISTRICT 4
PHILIP "GRIFF" GRIFFITTS	COMMISSIONER	DISTRICT 5

**SIGNALIZATION PLANS
ENGINEER OF RECORD:**

WILLIAM A. ROBERTS, P.E.
P.E. NO.: 82914
WGI, INC.
3111 W. MARTIN LUTHER KING JR. BLVD,
SUITE 375, TAMPA, FL 33607
(813) 574 - 3190
CONTRACT NO.:
VENDOR NO.: 65-0271367

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2022-2023 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

GOVERNING DESIGN STANDARDS:

Manual of Uniform Minimum Standards for Design, Construction and Maintenance (2018 Florida Greenbook) is available at the following website: <https://www.fdot.gov/roadway/floridagreenbook/fgb.shtm>

25-18 Sherman Ave From. 11th St. to 15th St.



WGI, INC.
3111 W. MARTIN LUTHER KING JR. BLVD.
SUITE 375
TAMPA, FL 33607
(813) 574-3190

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

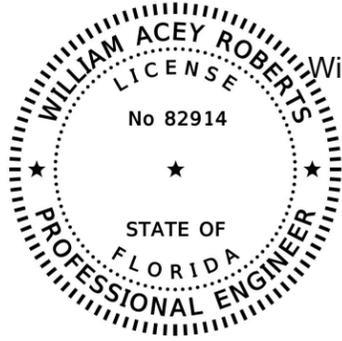
KEY SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DESIGNED BY JDO	DRAWN BY JDO	SHEET NO. 103 of 122
CHECKED BY WR	DATE DRAWN 4/22/22	

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THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



William A Roberts

Digitally signed by William A Roberts
DN: CN=William A Roberts,
o=Qualifer-A01410D0000017D7C04321F00002C71,
OU=Florida, CA=US
Reason: I am approving this document
Date: 2022.09.16 15:58:57-04'00'

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

WGI, INC.
3111 W. MARTIN LUTHER KING JR. BLVD
SUITE 375, TAMPA, FL 33607
WILLIAM A. ROBERTS, P.E. NO. 82914

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	SIGNATURE SHEET
T-3	TABULATION OF QUANTITIES
T-4	GENERAL NOTES
T-5 - T-7	SIGNALIZATION PLANS
T-8	MAST ARM TABULATION

9/13/2022 11:16:17 AM Nik.Schoeman

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KING JR. BLVD. SUITE 375
TAMPA, FL 33607
(813) 574-3190

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

SIGNATURE SHEET

DESIGNED BY JDO	DRAWN BY JDO	SHEET NO. 104 of 122
CHECKED BY WR	DATE DRAWN 04/22/2022	

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS								TOTAL THIS SHEET		GRAND TOTAL	
			T-5		T-6						PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
0650 1 18	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	AS	2								2			2
0650 1 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	2								2			2
0660 1 110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA			1						1			1
0660 2 101	LOOP ASSEMBLY- F&I, TYPE A	AS			1						1			1
0660 4 41	VEHICLE DETECTION SYSTEM- VIDEO, F&I, CABINET EQUIPMENT	EA	1								1			1
0660 4 42	VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE ABOVE GROUND EQUIPMENT	EA	4								4			4

9/14/2022 4:21:06 PM Nik.Schoeman

25-18 Sherman Ave From. 11th St. to 15th St.



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KING JR. BLVD. SUITE 375
TAMPA, FL 33607
(813) 574-3190

**SHERMAN AVENUE
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TABULATION OF QUANTITIES

DESIGNED BY JDO	DRAWN BY JDO	SHEET NO. 105 of 122
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GENERAL NOTES:

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

JEREMIAH SLAYMAKER, P.S.M.
P.S.M. NO: LS6387
WGI, INC.
2316 KILLEARN CENTER BLVD, BLDG. C, SUITE 100,
TALLAHASSEE, FL 32309

- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

UTILITY/AGENCY OWNERS: COMPANY	CONTACT	TELEPHONE NUMBERS
BAY COUNTY UTILITY SERVICES	BOBBY WARREN	850-872-4135
BAY COUNTY UTILITY SERVICES	JONAS SUGGS	850-248-5010
BAY COUNTY TRAFFIC ENGINEERING	BOB EDMUNDS	850-248-8750
KNOLOGY	BRAIN BECKOM	850-215-2111
CITY OF PANAMA CITY	ADRIEN LATORRE	850-872-3191 X2
FLORIDA POWER & LIGHT - PANAMA CITY EAST	USIC DISPATCH	800-778-9140
COMCAST	ANDREW SWEENEY	904-738-6898
AT&T	DINO FARRUGGIO	561-683-2729
UNITI FIBER	CHARLIE CROFT	251-214-7059
TECO PEOPLES GAS - PANAMA CITY	JOAN DOMMING	813-275-3783

- 14 DAYS PRIOR TO ANY WORK WITHIN BAY LINE RAILROAD RIGHT-OF-WAY, THE CONTRACTOR SHALL CONTACT THE RAILROAD TO COORDINATE ALL WORK, TIMES, AND DURATION.

BAY LINE RAILROAD CONTACT: DALE HANSHEW, 229-364-6259, dale.hanshew@gwrr.com

- THE CONTRACTOR SHALL PHYSICALLY EXAMINE THE PROJECT SITE AND INFORM HIMSELF FULLY IN REGARD TO ALL CONDITIONS PERTAINING TO THE PLACES WHERE THE WORK IS TO BE PERFORMED FOR THE PURPOSE OF DETERMINING HIS COST TO PERFORM THE WORK.
- CONTRACTOR MAY RETAIN UP TO 30% OF THE ASPHALT MILLINGS. ALL ADDITIONAL ASPHALT MILLINGS SHALL BE HAULED TO THE COUNTY YARD ON OLD MAJETTE ROAD. CONTACT THE ROADS & BRIDGES DIVISION (248-8810) FOR STOCK PILE LOCATIONS.
- ANY PUBLIC LAND CORNER MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE BAY COUNTY SURVEYOR'S OFFICE (248-8301) SHOULD BE NOTIFIED WITHOUT DELAY.
- UTILITIES ARE TO BE ADJUSTED BY THE APPROPRIATE UTILITY OWNER(S) AS NECESSARY. THE CONTRACTOR IS TO COORDINATE ADJUSTMENTS WITH UTILITY OWNER(S) AS NECESSARY.
- CLIP/REMOVE ANY TURF OVERGROWTH FROM EXIST. PAVEMENT SURFACE.
- TRAFFIC SIGNS AND MAILBOXES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
- ALL PAVEMENT MARKINGS PER FDOT STANDARD PLANS INDEX 711-001.
- ALL RAISED PAVEMENT MARKERS (RPMS) PER FDOT STANDARD PLANS INDEX 706-001.
- ALL VIBRATORY ROLLER COMPACTION EQUIPMENT UTILIZED SHALL BE OPERATED IN STATIC MODE ONLY.

UTILITY/AGENCY

BAY COUNTY UTILITY SERVICES
WASTEWATER
BOBBY WARREN
(850) 872-4135

BAY COUNTY UTILITY SERVICES
WATER
JONAS SUGGS
(850) 248-5010
BAY COUNTY WATER PLANT
(850) 872-4298

BAY COUNTY TRAFFIC ENGINEERING
FIBER, TRAFFIC CONTROL
BOB EDMUNDS
(850) 248-8750
RIQUI LYON
(850) 784-4084

KNOLOGY
CABLE
BRIAN BECKOM
(850) 215-2111

BAY COUNTY UTILITY SERVICES
SEWER, WATER
JONAS SUGGS
(850) 248-5010
BAY COUNTY WATER PLANT
(850) 872-4298

CITY OF PANAMA CITY
SEWER, WATER
ADRIEN LATORRE
(850) 872-3191
NIKKI CHAPPLE
(850) 872-3191

FLORIDA POWER & LIGHT - PANAMA CITY EAST
ELECTRIC
USIC DISPATCH CENTER
(800) 778-9140

COMCAST COMMUNICATIONS/LK CNTY CBLV
CATV
ANDREW SWEENEY
(904) 738-6898
HFC HELP DESK
(855) 962 8525

AT&T/DISTRIBUTION
TELEPHONE
DINO FARRUGGIO
(561) 683-2729

UNITI FIBER LLC
FIBER
CHARLIE CROFT
(251) 214-7059
NOC UNITI FIBER
(877) 652-2321

TECO PEOPLE GAS-NATURAL GAS PANAMA CITY
JOAN DOMMING
(813) 275-3783
TECO PEOPLE GAS CUSTOMER SERVICE
(877) 832-6747

9/12/2022 1:12:29 PM Nik.Schoeman

25-18 Sherman Ave From. 11th St. to 15th St.



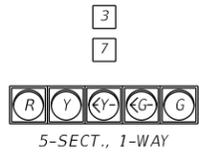
WGI, INC.
3111 W. MARTIN LUTHER
KING JR. BLVD. SUITE 375
TAMPA, FL 33607
(813) 574-3190

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

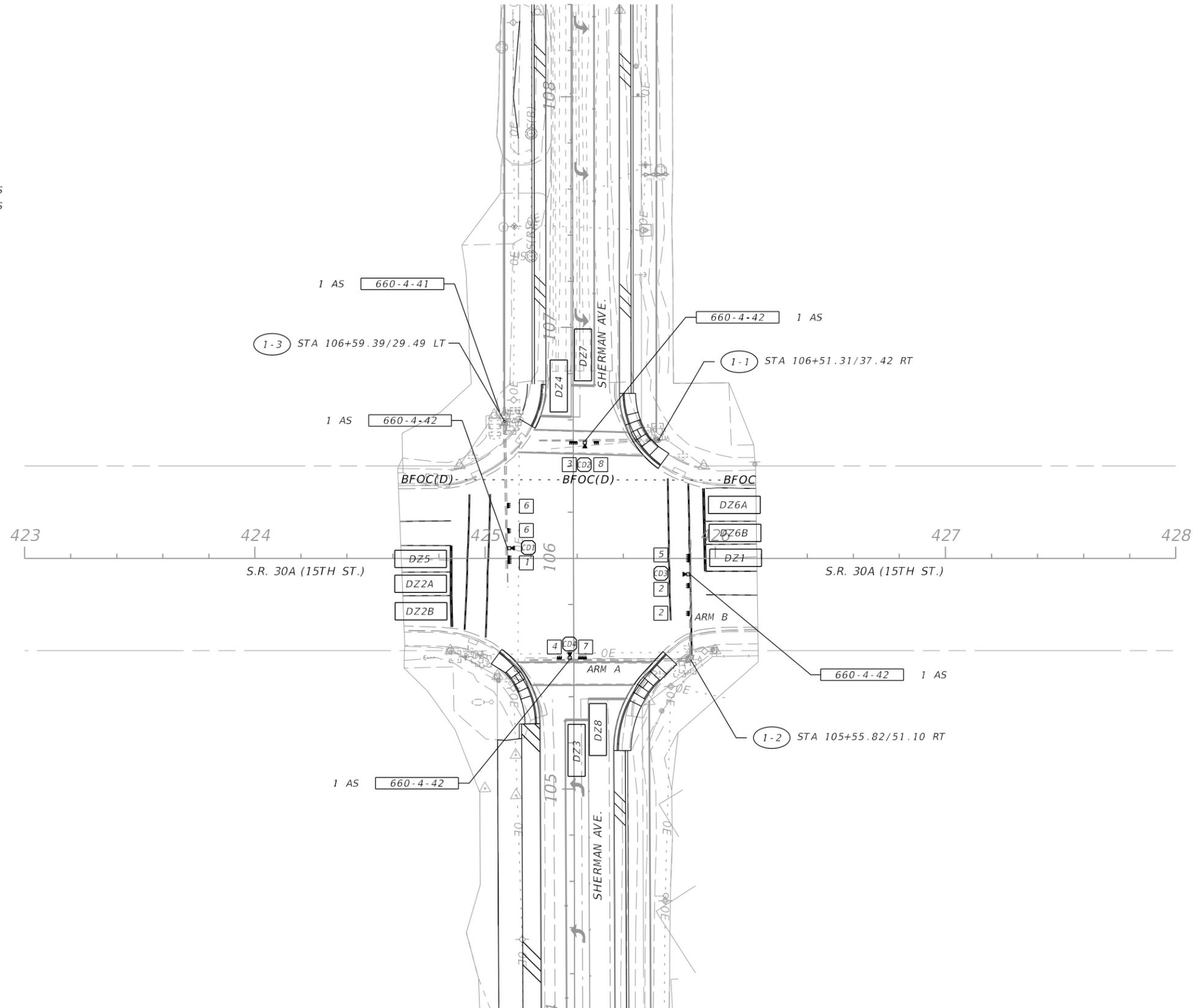
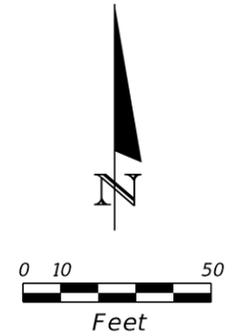
GENERAL NOTES

DESIGNED BY JDO	DRAWN BY JDO	SHEET NO. 106 of 122
CHECKED BY WR	DATE DRAWN 04/22/2022	

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650-1-18 2 AS
650-1-60 2 AS



9/14/2022 11:10:52 AM Nik.Schoeman

SIGNAL LOCATION NO.1
SHERMAN AVE. & SR 30A (15TH ST.)
SIGNAL ID NO.

25-18 Sherman Ave From. 11th St. to 15th St.



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KING JR. BLVD. SUITE 375
TAMPA, FL 33607
(813) 574-3190

**SHERMAN AVENUE
FROM 11TH STREET
TO 15TH STREET**

SIGNALIZATION PLANS (1)

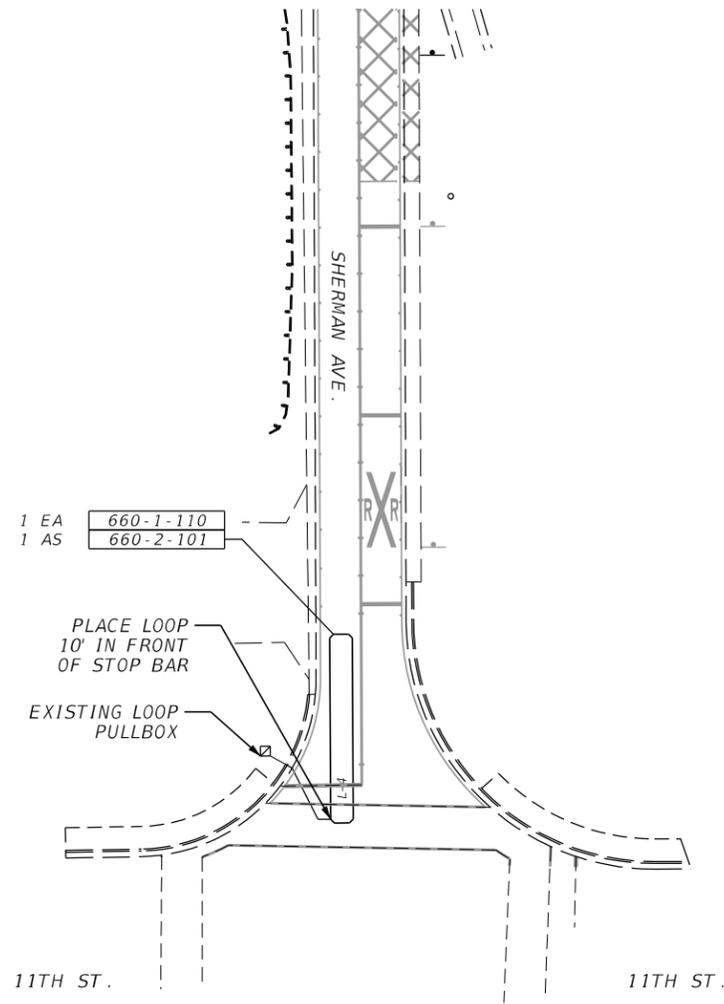
DESIGNED BY JDO	DRAWN BY JDO	SHEET NO. 107 of 122
CHECKED BY WR	DATE DRAWN 04/22/2022	

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9/15/2022 3:49:50 PM Nix,Schoeman

SHERMAN AVE. & 11TH ST.

25-18 Sherman Ave From. 11th St. to 15th St.



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 TAMPA, FL 33607
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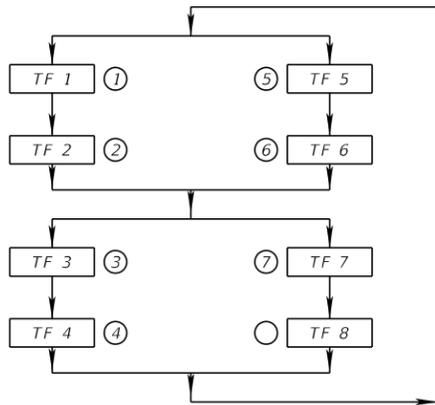
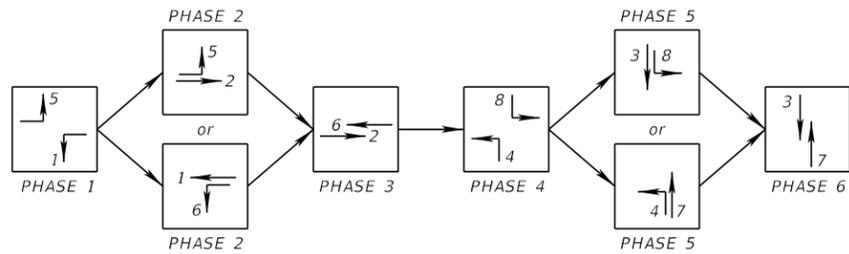
**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

SIGNALIZATION PLANS (2)

DESIGNED BY NJS	DRAWN BY NJS	SHEET NO. 108 of 122
CHECKED BY WR	DATE DRAWN 09/12/2022	

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S.O.P. 10



CONTROLLER TIMINGS								
TIMING FUNCTION								
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
MINIMUM GREEN	7	20	7	7	7	20	7	7
EXTENSION	3	3	3	3	3	3	3	3
MAXIMUM GREEN 1	30	60	30	30	30	60	30	30
MAXIMUM GREEN 2								
YELLOW CLEARANCE	4.8	4.8	4	4	4.8	4.8	4	4
ALL RED	4.3	2.0	4.1	2.0	4.3	2.0	4.1	2.0
PEDESTRIAN WALK		7		7		7		7
PED. CLEARANCE		15		20		15		20
RECALL								

VIDEO VEHICLE DETECTION ASSIGNMENTS			
CAMERA DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SECS.)
CD1	DZ1	1	
	DZ6A	6	
	DZ6B	6	
CD2	DZ3	3	
	DZ8	8	
CD3	DZ2A	2	
	DZ2B	2	
	DZ5	5	
CD4	DZ4	4	
	DZ7	7	

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25-18 Sherman Ave From. 11th St. to 15th St.



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 (813) 574-3190

**SHERMAN AVENUE
 FROM 11TH STREET
 TO 15TH STREET**

SIGNALIZATION PLANS (3)

DESIGNED BY JDO	DRAWN BY JDO	SHEET NO. 109 of 122
CHECKED BY WR	DATE DRAWN 04/22/2022	

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