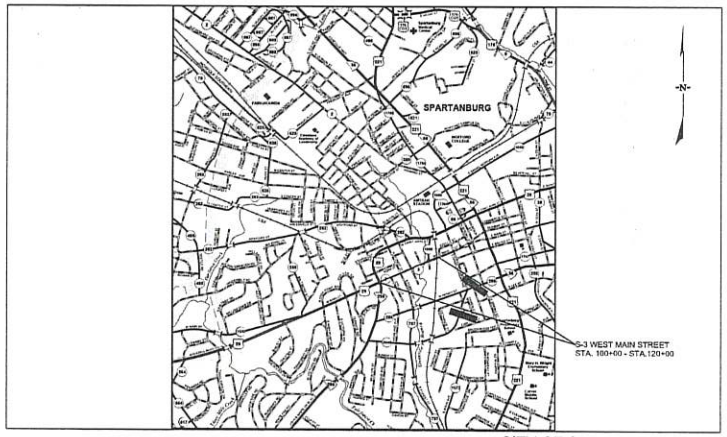
SHEET NO.	TOTAL SHEETS
1	46

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
2	SUMMARY OF ESTIMATED QUANTITIES	1
2A	DEMOLITION AND MOVING ITEMS SHEET	1
3A-3B	TYPICAL SECTIONS STANDARD DETAILS	2
4	RIGHT-OF-WAY DATA SHEET	1
4A	PROPERTY STRIP MAP	1
5	GENERAL NOTES AND LEGEND	1
5A	GENERAL NOTES	1
5B-5C	REFERENCE DATA SHEET	2
5D	INDEX / LAYOUT OF SHEETS	1
6-12	ROADWAY PLANS AND PROFILES	7
13-19	SIDEWALK DETAILS	7
20-21	MEDIAN DETAILS	2
22-27	CURB RAMP DETAILS	6
DR1-DR5	DRAINAGE PLANS AND PROFILES	5
DR6-DR7	DRAINAGE DETAILS + SCHEDULE	2
EC1	EROSION CONTROL DATA SHEET	1
TC1-TC6	TRAFFIC CONTROL PLANS	6
L1-L5	LANDSCAPE PLANS	5
L6	LANDSCAPE DETAILS AND SCHEDULE	OMITTED
PM1-PM5	PAVEMENT MARKING PLANS AND DETAILS	5
SN1-SN5	SIGNING PLANS AND DETAILS	5
U1-U5	UTILITY RELOCATION PLANS	5
X1-X8	CROSS SECTIONS (MAIN LINE)	8
	TOTAL	76

South Carolina Department of Transportation

PROPOSED PLANS FOR WEST MAIN STREET STREETSCAPE PHASE 1 CITY OF SPARTANBURG S-3 (WEST MAIN ST) FROM JOHN B. WHITE SR. BLVD (SC 296) TO ST JOHN ST. (S-1088)



CITY OF SPARTANBURG, SC

LAYOUT
N.T.S

NET LENGTH OF ROADWAY	W MAIN ST: 0.378 MILES ST JOHN ST: 0.065 MILES
NET LENGTH OF BRIDGES	0.000 MILES
NET LENGTH OF PROJECT	0.386 MILES
LENGTH OF EXCEPTIONS	0.000 MILES
GROSS LENGTH OF PROJECT	0.386 MILES

EQUALITIES IN STATIONING NONE

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

NPDES PERMIT INFORMATION

Disturbed Area = 1.48 Acre(s)

Project Area = 4.52 Acre(s)

Approximate Location of Roadway is

Begin
Latitude 34° 56' 45" N
Longitude 81° 56' 32" W

End
Latitude 34° 56' 52" N
Longitude 81° 56' 11" W

Hydraulic and NPDES Design provided by:

AECOM

SCDOT REVIEW	RIGHT-OF-WAY INITIAL	RIGHT-OF-WAY DATE	CONSTRUCTION INITIAL	CONSTRUCTION DATE
PRECONSTRUCTION SUPPORT - ROAD				
PRECONSTRUCTION SUPPORT - STRUCTURES				
RPG - DESIGN MANAGER				
RPG - PROGRAM MANAGER				

THE INITIALS ABOVE DO NOT RELIEVE THE ENGINEER OF RECORD OF THE RESPONSIBILITY TO DESIGN THIS PROJECT IN ACCORDANCE WITH ALL APPLICABLE CRITERIA.

ENVIRONMENTAL PERMIT INFORMATION

USACE PERMIT	___YES	X NO	
NEPA DOCUMENT	___YES	X NO	
401 CERTIFICATION	___YES	X NO	
OCRM CAP	___YES	X NO	
NAVIGABLE WATERS	___SC	___USCG	___USACE X N/A

3 DAYS BEFORE DIGGING IN SOUTH CAROLINA

CALL 811

SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?
YES (NO)

TRAFFIC DATA

W MAIN ST: 6000
2022 ADT ST JOHN ST: 700

ADT _____

TRUCKS 2%

For Right Of Way Acquisition:

Consultant Engineer of Record _____ Date _____

Regional Production Engineer _____ Date _____

CONSULTING ENGINEERING FIRM

TOOLE DESIGN

ENGINEER OF RECORD

FOR CONSTRUCTION: _____ DATE _____

$$user$$
$$$$$pathsssssssssfilenamessssssss
$$$$$date$$$$

SCDOT
South Carolina Department of Transportation

SUMMARY OF ESTIMATED QUANTITIES

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	SPARTANBURG	N/A	S-3	2

ITEM NO.	PAY ITEM	QUANTITY	PAY UNIT

ITEM NO.	PAY ITEM	QUANTITY	PAY UNIT
1031000	MOBILIZATION	1.000	LS
1032010	BONDS AND INSURANCE	1.000	LS
1050800	CONST. STAKES, LINES & GRADES	1.000	EA
1071000	TRAFFIC CONTROL	1.000	LS
1080300	CPM PROGRESS SCHEDULE	1.000	LS
2011000	CLEAR. & GRUB. WITHIN R/W	1.000	LS
2023000	REM. & DISP.OF EXIST. PAVEMENT	4730.000	SY
2024100	REM. & DISP. OF EXISTING CURB	4099.000	LF
2025000	REM.&DISP.OF EXIST ASPH. PVMT.	3513.000	SY
2031000	UNCLASSIFIED EXCAVATION	1006.000	CY
3050105	GRADED AGGR.BASE COURSE-6"UNIF	365.000	SY
3100320	H/M ASPH. BASE CR.-TYPE B	190.000	TON
4011004	LIQUID ASPHALT BINDER PG64-22	70.000	TON
4030320	H/M ASPH.SURF.CR. TYPE B	1256.000	TON
5018008	STAINED CONC. PVMT.(6"UNIF)	1260.000	SF
6021114	PVT.MRK(TEMP-PNT)4"YEL.SLD.LN	3762.000	LF
6021115	TEMP.CONST.SIGNS(BARR.MOUNTED)	276.000	SF
6021120	PERM.CONST.SIGNS(GRND.MNTD)	492.000	SF
6041200	BARRICADE - TYPE 3	90.000	LF
6081105A	PVT.MRK(TEMP-PNT)4"WH.BROK.LNE	1540.000	LF
6091401	REMOVAL OF PAVE.MARK.SYMBOLS-TRAFF.CONT	283.000	LF
6091190K	REMOVABLE PAINT WH.SING.ARROWS	22.000	EA
6250010	4"WH.SLD.LINE-PVT.EDGE-F.D.PNT	1303.000	LF
6250012	6"WH.SLD.LINE-PVT.EDGE-F.D.PNT	687.000	LF
6250015	8"WH.SLD(CRSSWLK&CHANN)F.D.PNT	3065.000	LF
6250030	WH.SING.ARRW-LT, STR, RT-F.D.PNT	8.000	EA
6250105	4"YEL.BRKN.LNE-GAP EXC-F.D.PNT	185.000	LF
6250110	4"YEL.SLD.LNE-PVT EDGE-F.D.PNT	6805.000	LF
6271010	4" WH SLD LNE PVT EL TH-90 ML	873.000	LF
6271012	6" WH SLD LNE PVT EL TH-90 ML	458.000	LF
6271015	8" WH. SLDLNES THERMO.-125 MIL	2045.000	LF
6271025	24" WH SLDLNES THERMO-125 MIL.	2317.000	LF
6271030	WHITE SGL ARROWS THERMO-125MIL	5.000	EA
6271040	WH.COMBO.ARROWS THERMO-125MIL.	2.000	EA
6271064	4" YEL.BRKN.LINES.THERMO.90MIL	124.000	LF
6271074	4"YEL.SLD.LNES.- THERMO. 90MIL	4535.000	LF
6280050	GREEN BIKE LANE MARK-PREF.THERMO-90MILS	1775.000	SF
6280055	BIKE LANE SYM-PREF.THERM-60MIL.	14.000	EA
6280056	BIKE LN ARRW-PREF.THERM-60MIL.	14.000	EA
6319505	REMOVAL OF PAVEMENT MARKINGS	11892.000	LF
7143618	18" SMOOTH WALL PIPE	208.000	LF
7191005	CATCH BASIN -TYPE 1	6.000	EA
7191007	CATCH BASIN -TYPE 1 W 5X5 BOX	1.000	EA
7191060	CB(T-1)SPECIAL(MOD.FOR CMB)	1.000	EA
7191805	CATCH BASIN -TYPE 16	3.000	EA
7191825	CATCH BASIN -TYPE 17	4.000	EA
7192105	MANHOLE	1.000	EA
7192205	24" X 24" JUNCTION BOX	1.000	EA
7196174	CATCH BASIN(T-17) (TOP ONLY)	1.000	EA
7198495	MANHOLE-CONVERT JUNCTION BOX	1.000	EA
7203210	CONC.CURB & GUTTER(2'-0")VERT.	6512.000	LF
7204100	CONCRETE SIDEWALK(4" UNIFORM)	2398.000	SY
7204800	DETECTABLE WARNING MATERIAL	879.000	SF
7205000	CONCRETE DRIVEWAY(6" UNIFORM)	471.000	SY
7206000	CONCRETE MEDIAN	1095.000	SY
7206500	PEDESTRIAN RAMP CONSTRUCTION	463.000	SY
7209100	SUR.APPLIED DETECTABLE WARNING	879.000	SF
8091010	RIGHT OF WAY MARKER(REBAR&CAP)	3.000	EA
8091050	RIGHT OF WAY PLAT	1.000	LS
8101100	SELECT MATERIAL	537.000	CY
8101105	COMPOST	179.000	CY
8104005	FERTILIZER (NITROGEN)	85.000	LB
8104010	FERTILIZER (PHOSPHORIC ACID)	255.000	LB
8104015	FERTILIZER (POTASH)	255.000	LB
8110220	DOUBLE-SHREDDED HARDWOOD MULCH	108.000	SF
8152004	INLET STRUCT.FILT.-T-F(WEIGHT)	7.000	LF
8152008	INLET STR.FILT.-T-F(NON-WEIGHT)	7.000	LF
8153000	SILT FENCE	3500.000	LF
8154155	INLET FILTER CLEANING	66.000	EA
8156205	INLET STRUCTURE FILTER-TYPE D1	8.000	EA
8990686	CONCRETE CURB (6" x 15") -PEDAL SAFE	2319.000	LF
8990687	CONCRETE CURB (6" x 15") - CHAMFER	6512.000	LF
	SEE LANDSCAPE PLANS FOR PLANTING LIST		

9/5/2024
J:\ENGINEERING\PROJECTS\CAD\PRELIMINARY_DESIGN\PLANS_0003\A0009115_SUM.dgn(QUANTITY SHEET)

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South Carolina Department of Transportation

MOVING ITEMS SHEET

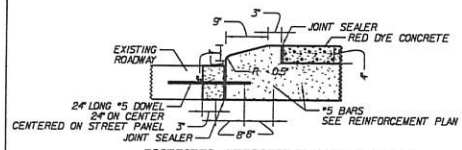
FED. REG. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	SPARTANBURG	N/A	S-3	2A

MOVING ITEMS

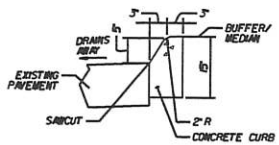
ITEM NO.	LOCATION				DESCRIPTION	WORK TO BE DONE	UNIT	OWNER	TRACT NO.	COMPLETED	DELETED	COMMENTS
	ROUTE	OFFSET	LT / RT	STATION								

2/5/2024
R:\C000\0039\A.0C004.18_P_West Main Street Final Design\FIELD\ROUTE\ROW\ADVPLANS\2A_0039\A.0C004.18_MUtilizationing

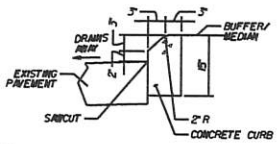
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	3B



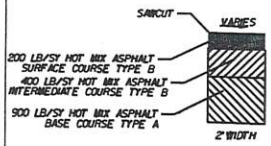
PROTECTED INTERSECTION CORNER ISLAND
CURB CROSS-SECTION
NOT TO SCALE



① 6"x15" CONCRETE CURB - PEDAL SAFE
ADJACENT TO SEPARATED BIKE FACILITY
NOT TO SCALE



② 6"x15" CONCRETE CURB - CHAMFER DETAIL
ADJACENT TO ROADWAY
NOT TO SCALE

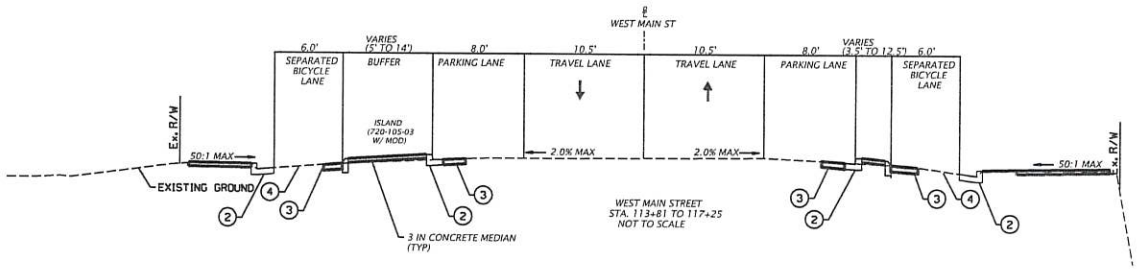


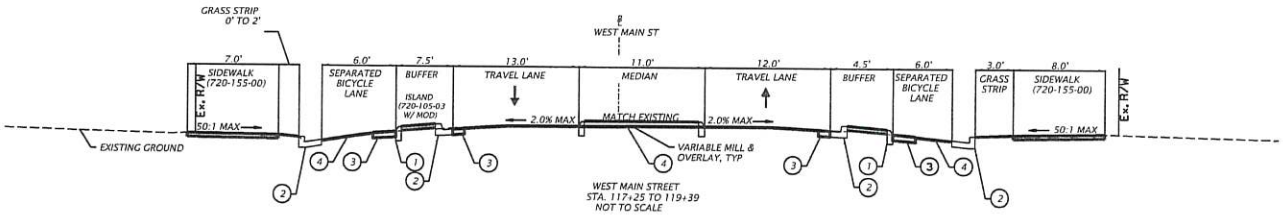
③ FULL DEPTH PAVEMENT PATCHING
NOT TO SCALE

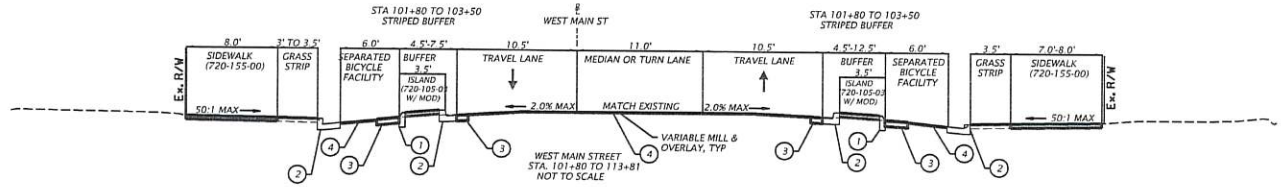
NOTE:
DESIGN SPEED FOR BICYCLE FACILITIES IS 12 MPH
DESIGN SPEED FOR W.MAIN ST. IS 35 MPH

1. CONCRETE CURB 16"x15"> PEDAL SAFE. SEE DETAIL (THIS SHEET)
2. CONCRETE CURB & GUTTER (SCDOT 720-105-01 DETAIL 1)
3. 2" SAWCUT AND FULL DEPTH ASPHALT PAVEMENT PATCHING
4. HMA SURFACE COURSE TYPE B 12" UNIFORM AFTER 2" MILLING

FUNCTIONAL CLASS:
W. MAIN ST: MAJOR ARTERIAL
ST JOHN ST: COLLECTOR







Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE
R/W DATE
SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

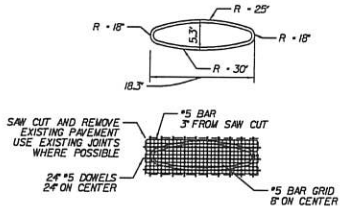
TYPICAL SECTIONS

SCALE 1"= NTS

SHEET NO. 3A

$$User$$
$$$$$$Path$$$$$$$$$$Filename$$$$$$$$$$
$$$$$$Date$$$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	3B



REINFORCEMENT PLAN VIEW

NOT TO SCALE

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

TYPICAL SECTIONS

SCALE 1"= NTS

SHEET NO. 3B

$$$$$$User$$$$$$

SCDOT
South Carolina Department of Transportation

RIGHT-OF-WAY DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	SPARTANBURG	0	S-3 (West Main Street)	4

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN: OUTFALL DITCH	OBTAIN: LEFT	OBTAIN: RIGHT	OBTAIN: TOTAL	REMAINDER LEFT ACRES A	REMAINDER RIGHT ACRES A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES): OUTFALL DITCH	PERMISSION (YES): SLOPE	PERMISSION (YES): DRAINAGE STRUCTURE	PERMISSION (YES): EROSION CONTROL	PERMISSION (YES): ENTRANCE CONSTRUCTION	REMARKS
4	CITY OF SPARTANBURG	711375794317	0.002												YES	YES	
5	KHML PROPERTIES, LLC	711373695408	0.237													YES	
6	JGMJ INVESTMENTS, LLC.	711373777651	0.289												YES	YES	
7	TALIB H. KAPASI	711373790794	0.107													YES	
8	TALIB KAPASI	711374704689	0.515													YES	
9	HUSEIN D. & BATUL HUSEIN KAPASI	711374807445	0.520													YES	
10	DAVID & SYLVIA MOREHEAD FAMILY TRUST	711373980464	0.387													YES	
11	KAPASI INVESTMENTS, LLC.	711374918849	1.440													YES	
12	MUKESH N. DESAI	711383069633	0.713													YES	
13	KAPASI INVESTMENTS, LLC.	711384113611	0.213													YES	
14	KAPASI PROPERTIES, INC.	711383290246	0.604													YES	
15	SCOTTKS LLC	711384329750	1.704		36 SF (0.00 AC)		36 SF (0.00 AC)	1.70								YES	
16	TRANSPORT POOL CORPORATION	711384305585	1.170													YES	
17	SOUTH PHIFER PROPERTIES, LLC.	711384630519	0.853													YES	
18	BLACKSTOCK DEVELOPMENT LLC	711384501791	0.470													YES	
19	CHRISTOPHER E WENDELL & HARRISON NANCY C	711384744178	0.692													YES	
20	BLACKSTOCK DEVELOPMENT LLC	711384711590	1.970												YES	YES	
21	WAKEFIELD BUICK, INC. ETAL.	711384677105	4.800												YES	YES	
22	THE CITY OF SPARTANBURG	711383633996	6.080												YES	YES	
23	SA, LLC. OF SPARTANBURG	711384167857	1.103													YES	
24	PROJECT 307 2018, LLC.	711384100842	4.282												YES	YES	

DATE	TRACT NO.	REMARKS

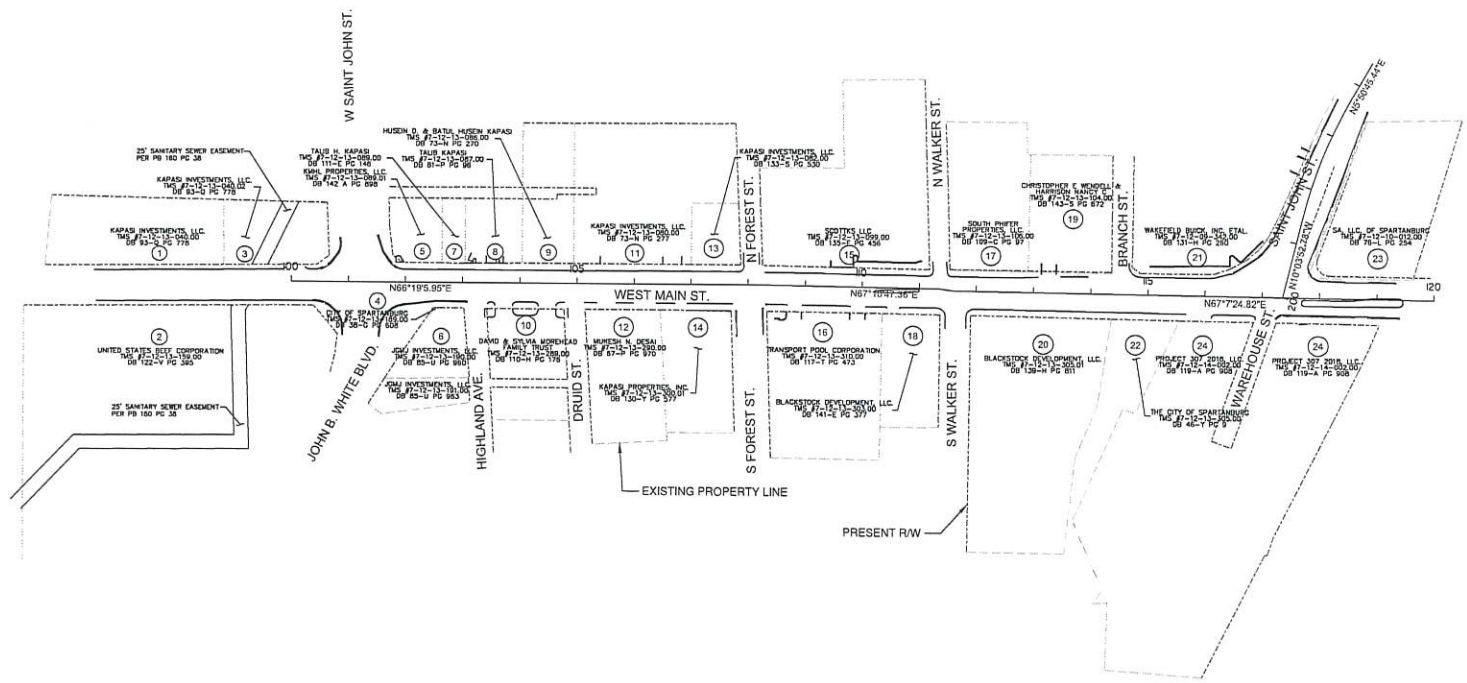
R/W NOTE:
THE DEPARTMENT WILL UTILIZE THE PRESENT RIGHT OF WAY AS SHOWN BELOW EXCEPT AS OTHERWISE SHOWN ON PLANS.

ROAD / ROUTE #	FILE #	R/W WIDTH	YEAR ACQ'D.

NOTES:
A. SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.

2/22/2024
H:\CROSS\SPA\CC\04.16_P_West Main Street Final Design\PRODUCTION\CADD\FLANS\2_I-85\SPA.SC\04.16_SEQ.dgn\DLUNIT

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	4A



LEGEND

- PRESENT RIGHT OF WAY
- PROPERTY LINES
- NEW RIGHT OF WAY

SCALE IN FEET
0 100 200 400

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

PROPERTY STRIP MAP

SCALE 1"= 100'

SHEET NO. 4A

SCDOT

GENERAL CONSTRUCTION NOTES

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	SPARTANBURG	N/A	S-3	5

ITEM NO.	PAY ITEM	QUANTITY	PAY UNIT	USE DESCRIPTION
1031000	MOBILIZATION	LS	1	PER CONTRACT DOCUMENTS
1032010	BONDS AND INSURANCE	LS	1	PER CONTRACT DOCUMENTS
1050800	CONSTRUCTION STAKES, LINES & GRADES	EA	1	PER CONTRACT DOCUMENTS
1071000	TRAFFIC CONTROL	LS	1	PER CONTRACT DOCUMENTS, INCLUDES TRAFFIC CONTROL DETOUR SIGNAGE
1080300	CPM PROGRESS SCHEDULE	LS	1	PER CONTRACT DOCUMENTS
2011000	CLEARING AND GRUBBING WITHIN RIGHT OF WAY	LS	1	WHERE DIRECTED BY ENGINEER
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	SY	4730	WHERE DIRECTED BY ENGINEER
2024100	REMOVAL & DISPOSAL OF EXISTING CURB	LF	4099	WHERE DIRECTED BY ENGINEER
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	SY	3513	WHERE DIRECTED BY ENGINEER
2031000	UNCLASSIFIED EXCAVATION	CY	215	REMOVAL FOR PIPE AND DRAINAGE BASINS
2031000	UNCLASSIFIED EXCAVATION	CY	231	REMOVAL FOR LANDSCAPING - 6" DEPTH
2031000	UNCLASSIFIED EXCAVATION	CY	133	MEDIAN REMOVAL EXTRA DEPTH- 6"
2031000	UNCLASSIFIED EXCAVATION	CY	147	CURB AND SIDEWALK CONSTRUCTION
2031000	UNCLASSIFIED EXCAVATION	CY	158	EXTRA DEPTH FOR NEW CURB SAWCUT
2031000	UNCLASSIFIED EXCAVATION	CY	122	EXTRA DEPTH FOR PATCH OF MEDIAN
2033000	BORROW EXCAVATION	CY	100	WHERE DIRECTED BY ENGINEER
3050106	GRADED AGGREGATE BASE COURSE (6" UNIFORM)	SY	365	FOR PATCHING OF MEDIAN AFTER REMOVAL
3100320	HOT MIX ASPHALT BASE COURSE - TYPE B	TN	190	FOR PATCHING OF MEDIAN AFTER REMOVAL
4011004	LIQUID ASPHALT BINDER PG 64-22	TN	70	FOR USE IN PATCHING AND CONSTRUCTION OF SHARED USE PATH
4030320	HOT MIX ASPHALT SURFACE COURSE TYPE B	TN	1256	FOR PATCHING OF MEDIAN AFTER REMOVAL
5019009	STAINED CONCRETE PAVEMENT (6" UNIFORM)	SF	1260	FOR TRUCK APRON AT CORNER OF CONVERSE AND KENNEDY
6021114	PAVEMENT MARKINGS(TEMPORARY-PAINT)-4" YELLOW SOLID LINES	LF	3752	FOR WORK ZONE TRAFFIC CONTROL
6021120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	492	FOR WORK ZONE TRAFFIC CONTROL
6021125	PERMANENT CONSTRUCTION SIGNS (BARRICADE MOUNTED)	SF	276	FOR WORK ZONE TRAFFIC CONTROL
6041200	BARRICADE-TYPE 3	LF	90	FOR WORK ZONE TRAFFIC CONTROL
609105A	PAVEMENT MARKINGS(TEMP-PAINT) 4" WHITE BROKEN LINES	LF	1640	FOR WORK ZONE TRAFFIC CONTROL
6091401	REMOVAL OF PAVE.MARK.SYMBOLS-TRAFF.CONT	LF	283	FOR WORK ZONE TRAFFIC CONTROL
609160K	REMOVABLE PAINT WH.SINGLARROWS	EA	22	FOR WORK ZONE TRAFFIC CONTROL
6250010	4" WHITE SOLID LINES (PVT. EDGE LINES) FAST DRY PAINT	LF	1309	FOR WORK ZONE TRAFFIC CONTROL
6250012	6" WHITE SOLID LINES (PVT. EDGE LINES) FAST DRY PAINT	LF	687	FOR WORK ZONE TRAFFIC CONTROL
6250015	8" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION) FAST DRY PAINT	LF	3058	FOR WORK ZONE TRAFFIC CONTROL
6250025	24" WHITE SOLID LINES (STOP/DIAG LINES) FAST DRY PAINT	LF	2317	FOR WORK ZONE TRAFFIC CONTROL
6250030	WHITE SINGLE ARROWS (LT, STRIGHT, RT) FAST DRY PAINT	EA	8	FOR WORK ZONE TRAFFIC CONTROL
6250105	4" YELLOW BROKEN LINES(GAPS EXC) FAST DRY PAINT	LF	185	FOR WORK ZONE TRAFFIC CONTROL
6250110	4" YELLOW SOLID LINES (PVT.EDGE LINES) FAST DRY PAINT	LF	6805	FOR WORK ZONE TRAFFIC CONTROL
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	LF	573	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271012	6" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	LF	458	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	LF	2045	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	LF	2317	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271030	WHITE SINGLE ARROWS (LT, STRIGHT, RT) THERMO.-125 MIL.	EA	5	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271040	WHITE COMBINATION ARROWS(STR&RT.OR STR&LT)THERMO-125MIL	EA	2	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271084	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	LF	124	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6271074	4" YELLOW SOLID LINES (PVT.EDGE LINES) THERMO-90 MIL.	LF	4536	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6280050	GREEN BIKE LANE MARK-PREF. THERMO 90 MIL.	SF	1776	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6280055	BIKE LANE SYMBOL -PREFORMED THERMO - 90MIL.	EA	14	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6280056	BIKE LANE ARROW - PREFORMED THERMO - 90MIL.	EA	14	FOR RESTRIPING OF PAVEMENT MARKINGS AFTER WORK ZONE TRAFFIC CONTROL
6319505	REMOVAL OF PAVEMENT MARKINGS	LF	11892	FOR WORK ZONE TRAFFIC CONTROL
7203210	CONCRETE CURB AND GUTTER (2'-0") VERTICAL FACE	LF	6512	PER TYPICAL SECTIONS
7203230	CONCRETE CURB AND GUTTER (2'-0") OGEE	LF	0	FOR USE IN TRUCK APRON
7204100	CONCRETE SIDEWALK (4" UNIFORM)	SY	2398	WHERE DIRECTED BY ENGINEER
7204800	DETECTABLE WARNING MATERIAL	SF	879	SEE CURB RAMP DETAILS
7205000	CONCRETE DRIVEWAY (6" UNIFORM)	SY	471	TO RECONSTRUCT DRIVEWAY
7206000	CONCRETE MEDIAN	SY	1095	SEE CURB RAMP DETAILS
7209000	PEDESTRIAN RAMP CONSTRUCTION	SY	463	SEE CURB RAMP DETAILS
7209100	SURFACE APPLIED DETECTABLE WARNING	SF	879	WHERE DIRECTED BY ENGINEER
8091010	(RIGHT OF WAY MARKER(REBAR&CAP)	EA	3	FOR RIGHT OF WAY CORNER MONUMENTS
8091050	RIGHT OF WAY PLAT	LS	1	FOR RIGHT OF WAY PLAT
8101100	ORGANIC TOPSOIL	CY	537	WHERE DIRECTED BY ENGINEER
8101105	COMPOST	CY	179	WHERE DIRECTED BY ENGINEER
8104005	FERTILIZER (NITROGEN)	LB	86	WHERE DIRECTED BY ENGINEER
8104010	FERTILIZER (PHOSPHORIC ACID)	LB	258	WHERE DIRECTED BY ENGINEER
8104015	FERTILIZER (POTASH)	LB	258	WHERE DIRECTED BY ENGINEER
8114011	TREE PROTECTION FENCING	LS	0	WHERE DIRECTED BY ENGINEER
8115510	IRRIGATION SYSTEM, COMPLETE	LS	0	TO BE REVIEWED AND APPROVED BY ENGINEER
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	EA	7	AS DIRECTED ON EROSION CONTROL SHEET
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	LF	0	AS DIRECTED ON EROSION CONTROL SHEET
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	EA	7	AS DIRECTED ON EROSION CONTROL SHEET
8153000	SILT FENCE	LF	3500	AS DIRECTED ON EROSION CONTROL SHEET
8154155	INLET FILTER CLEANING	EA	65	AS DIRECTED ON EROSION CONTROL SHEET
8158205	INLET STRUCTURE FILTER - TYPE D1	EA	8	AS DIRECTED ON EROSION CONTROL SHEET
8990595	CONCRETE CURB (6" x 15") -PEDAL SAFE	LF	2319	PER TYPICAL SECTIONS
8990597	CONCRETE CURB (6" x 15") - CHAMFER	LF	6512	PER TYPICAL SECTIONS

PROJECT CONTACTS		
	NAME	TELEPHONE

SCDOT GENERAL CONSTRUCTION NOTES:
THE DEPUTY SECRETARY FOR ENGINEERING MUST SPECIFICALLY AUTHORIZE CHANGES INVOLVING INCREASED COST OF THE PROJECT OR CHANGES IN ALIGNMENT. THE DISTRICT ENGINEERING ADMINISTRATOR IS PERMITTED UNDER THE DIRECTION OF THE DEPUTY SECRETARY FOR ENGINEERING TO AUTHORIZE MINOR ALTERATIONS NOT IN CONFLICT WITH THE STANDARD PRACTICES OF THE DEPARTMENT. FORWARD INFORMATION ON ANY PROPOSED CHANGES IN ALIGNMENT TO THE COLUMBIA OFFICE AS SOON AS POSSIBLE.

SEE INDIVIDUAL CURVES ON REFERENCE DATA SHEET FOR SUPERELEVATION RATE AND DESIGN SPEED, AS APPLICABLE.

THE FOLLOWING QUANTITIES ARE NOT SHOWN IN DETAIL ON THE PLANS BUT ARE INCLUDED IN THE SUMMARY OF ESTIMATED QUANTITIES AND MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.

2/5/2024
H:\C0000\0375\A\C004-15_P_West Main Street Final Design\PRODUCTS\NCA\PPLANS\S_0035\A\C0004-15_DGN.dgn\GCN

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	5A

GENERAL NOTES:

1. ALL WORK ON THIS PROJECT SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISIONS, THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION), SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATIONS, AND THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS. ALL REFERENCES TO SPECIFICATIONS ON THE PLANS SHALL REFER TO THE SPECIAL PROVISIONS, UNLESS OTHERWISE NOTED.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE LATEST SET OF THESE PLANS AND SPECIAL PROVISIONS AND ANY REFERENCED SCDOT STANDARDS AT THE TIME OF LETTING.

3. BOUNDARY AND TOPOGRAPHICAL INFORMATION FURNISHED BY [SURVEYOR NAME] SURVEYOR'S [DATE]

4. THE LOCATIONS OF UNDERGROUND AND AERIAL UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE CONSIDERED AS COMPLETE OR ACCURATE. CONTRACTOR SHALL DETERMINE TO HIS/HER OWN SATISFACTION THE LOCATIONS OF ALL EXISTING AND NEW UTILITIES PRIOR TO COMMENCEMENT OF OPERATIONS. CONTRACTOR SHALL BE HELD DIRECTLY RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

5. ALL INVERT ELEVATIONS ARE APPROXIMATE. INVERT ELEVATIONS OF INLETS AND PIPES MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MEET THE CONDITIONS ENCOUNTERED DURING INSTALLATION OF DRAINING STRUCTURES. ALL DITCHES AND PIPES SHALL BE CONSTRUCTED ON UNIFORM GRADE BETWEEN INVERT ELEVATIONS AS NOTED ON PLANS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

6. THE LOCATION AND LENGTH OF PIPE SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING.

7. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT AND DEBRIS FROM ALL PIPES WITHIN THE PROJECT LIMITS UPON COMPLETION OF THE WORK.

8. THE CONTRACTOR SHALL GRADE FOR POSITIVE DRAINAGE AT ALL ROADWAY INSTERSECTIONS, ENTRANCES, PARKING LOTS, AND YARDS IN CONFORMANCE WITH THE PROPOSED DRAINAGE PATTERNS OF THE PLANS.

9. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF TRAFFIC THROUGHOUT THE ENTIRE PERIOD OF CONSTRUCTION BY PROVIDING A REASONABLY SMOOTH AND EVEN SURFACE SATISFACTORY FOR THE USE OF PUBLIC TRAFFIC AND TO PROVIDE ACCESS TO ALL PUBLIC ROADS AND RESIDENTIAL ENTRANCES AT ALL TIMES.

10. PROVIDE NECESSARY TRAFFIC CONTROL AND SIGNAGE TO PROTECT THE WORK AND PROVIDE SAFE PASSAGE THROUGH THE WORK AREA, MAINTAINING ACCESS TO ADJACENT DRIVEWAYS AT ALL TIMES IN THE WORKING AREA. COORDINATE WITH PROPERTY OWNERS WHEN THE WORK MAY TEMPORARILY IMPACT ACCESS TO DRIVEWAYS.

11. ALL EXISTING ROADWAY SIGNAGE SHALL BE RELOCATED, REUSED, OR REPLACED AS INDICATED ON THE PLANS OR AS DEEMED NECESSARY TO PERFORM THE WORK. IF ROADWAY REMAINS OPEN TO TRAFFIC DURING CONSTRUCTION, ALL SIGNS THAT ARE TO BE RELOCATED SHALL BE ERECTED IN A TEMPORARY MANNER THAT DOES NOT IMPEDE TRAFFIC FLOW. ANY SIGN MESSAGE THAT CONFLICTS WITH THE CONSTRUCTION TRAFFIC CONTROL SIGNAGE SHALL BE COVERED OR TEMPORARILY REMOVED.

12. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ACCESS FOR MAIL SERVICE DURING CONSTRUCTION. IF NECESSARY, CONTRACTOR SHALL COORDINATE ANY TEMPORARY MAILBOX RELOCATIONS WITH UNITED STATES POSTAL SERVICE.

13. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES TO THE ROADS AND/OR UTILITIES DUE TO NONCOMPLIANCE OF WEIGHT LIMIT REGULATIONS.

14. THE CONTRACTOR SHALL MAKE, CHECK, AND BE RESPONSIBLE FOR ALL MEASUREMENTS AND DIMENSIONS NECESSARY FOR THE PROPER CONSTRUCTION OF ALL WORK. ALL ROAD WIDTH LAYOUT DIMENSIONS SHOWN ARE THE EDGE OF PAVEMENT.

15. ALL TIE-INS WITH EXISTING ASPHALT SHALL BE SAWCUT.

16. VERIFY ALL FIELD CONDITIONS PRIOR TO CONSTRUCTION AND/OR DEMOLITION AND REPORT ANY DIFFERENCE IN SITE CONDITIONS FROM THE DRAWINGS TO THE ENGINEER IMMEDIATELY.

17. ALL DEMOLITION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND SPECIFICATIONS LATEST REVISION.

18. KEEP ALL ROADS ADJACENT AND PERPINDICULAR TO THE SITE CLEAN DURING CONSTRUCTION.

19. IF AFTER FINAL CONSTRUCTION IS COMPLETED AND THE ENGINEER DETERMINES THAT LOW AREAS OR 'BIRD BATHS' EXIST IN PAVED AREAS, THE CONTRACTOR SHALL CORRECT THEM AT NO EXPSENSE TO THE OWNER.

20. EXISTING SIGNS AND DRAINAGE STRUCTURES TO BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS.

21. THE CONTRACTOR TO ADJUST TO GRADE ALL EXISTING MANHOLES, VALVE BOXES, OR OTHER UTILITIES LOCATED WITHIN THE ROADWAY, SEPARATED BICYCLE LANES, AND SIDEWALK AREAS. THIS WORK SHALL BE INCIDENTAL TO THE FINAL ASPHALT PAVEMENT ITEM NECESSARY TO COMPLETE THE WORK.

22. ALL EXISTING DRAINAGE PIPE WILL BE RETAINED UNLESS NOTED OTHERWISE ON THE PLANS.

ALL CONSTRUCTION TO BE COMPLETED IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS AND STANDARD SPECIFICATIONS.

REFER TO THE FOLLOWING SCDOT STANDARD DRAWINGS FOR DETAILED ROADWAY INFORMATION:

610-010-00	Lane Closure-Daytime Urban Low Speed
610-015-00	Lane Closure-Nighttime Urban Low Speed
610-450-01 to -03	Pavement Marking Application-Signalized Intersection
610-515-00	Extended Closure of New Roadway Alignment
625-305-00	Intersection Markings
625-310-00	Turn Lanes
625-410-00	Arrows and Onlys
625-425-00	Bike Lane Markings
719-000-01 to -04	Drainage General Notes
719-001-01	Drainage Catch Basin Type 1
719-016-01 & -02	Drainage Catch Basin Type 16
719-105-01	Drainage Drop Inlet 24x24
720-105-01	Curb and Gutter (Concrete)
720-150-00	Sidewalk Adjacent to Curb
720-305-00	Curb and Gutter at Intersections
720-405-00	Driveway with Sidewalk
720-901-01 to -03	Pedestrian Ramp General
720-910-01 & -02	Detectable Warning Surface-Wet Set
720-911-01	Detectable Warning Surface-Grouted Paver
720-912-01	Detectable Warning Surface-Asphalt w/ Concrete Anchors
720-919-01	Detectable Warning Surface-Dry Bonded w/ Adhesive and Concrete Anchor
720-929-02	Pedestrian Ramp Variants
720-951-36	Pedestrian Ramp (Perpendicular Ramp w/ Pedestrian Bypass)
720-952-11	Pedestrian Ramp Condensed Terminal (Parallel Ramp)
720-953-36	Pedestrian Ramp Bypass on Radius (Perpendicular) Curb Radius <20'
720-955-40	Pedestrian Refuge Raised Concrete Island
720-961-11	Pedestrian Ramp 3''-0' Maximum Grass Strip (Parallel Ramp)
720-971-24	Pedestrian Ramp 3'-0" to 6'-0" Grass Strip (Combined Ramp)
720-981-36	Pedestrian Ramp 6'-0" or Larger Grass Strip (Perpendicular Ramp)
720-993-31 & -32	Pedestrian Ramp at Curb Extensions

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE SQUAD -
R/W DATE

WEST MAIN STREET PHASE
SPARTANBURG, SC

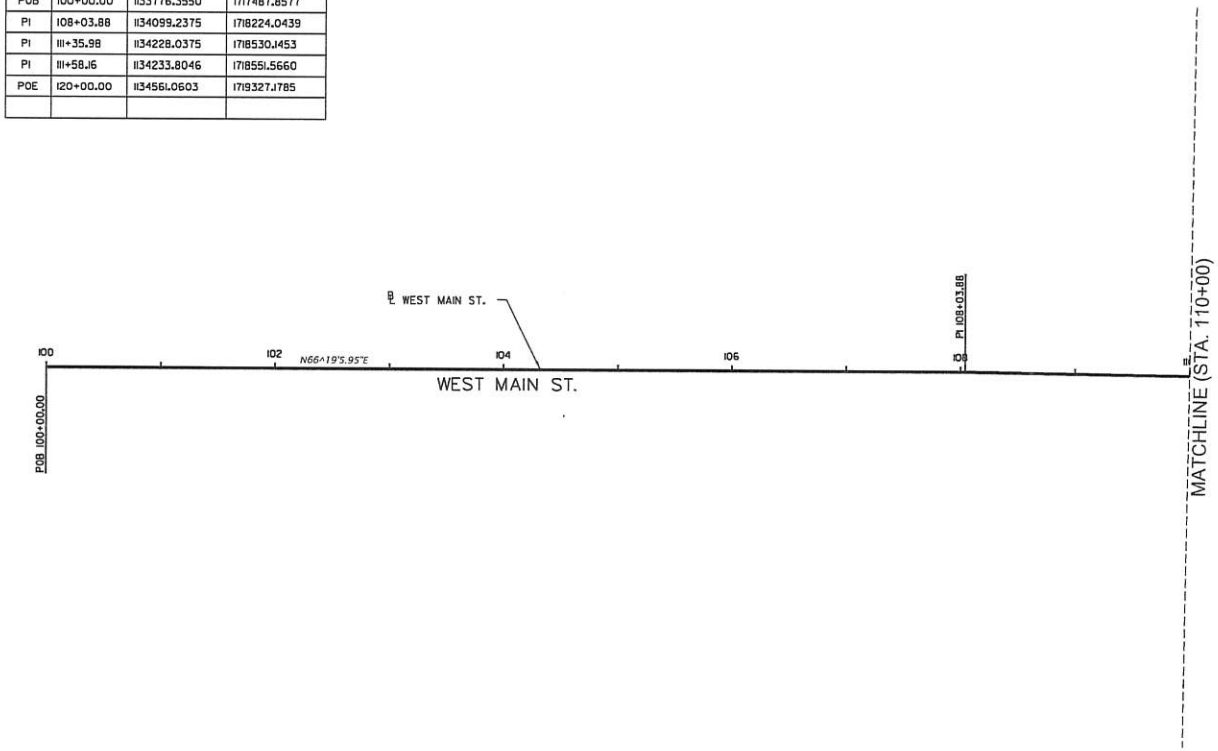
GENERAL NOTES

SCALE 1"= NTS SHEET NO. 5A

$$user$$
$$$$$path$$$$$$$$filename$$$$$$$$
$$$date$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	5B

BASELINE GEOMETRY INFORMATION			
WEST MAIN ST.			
POINT	STATION	NORTHING	EASTING
POB	100+00.00	1133776.3550	1717487.8577
PI	108+03.88	1134099.2375	1718224.0439
PI	111+35.98	1134228.0375	1718530.1453
PI	111+58.16	1134233.8046	1718551.5660
POE	120+00.00	1134561.0603	1719327.1785



HORIZONTAL – NAD 83(2011) SOUTH CAROLINA STATE PLANE
VERTICAL – NAVD 88

ALL POINTS ARE GROUND POINTS

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE SQUAD -
R/W DATE

WEST MAIN STREET
PHASE
SPARTANBURG, SC

REFERENCE DATA SHEET
1 OF 2

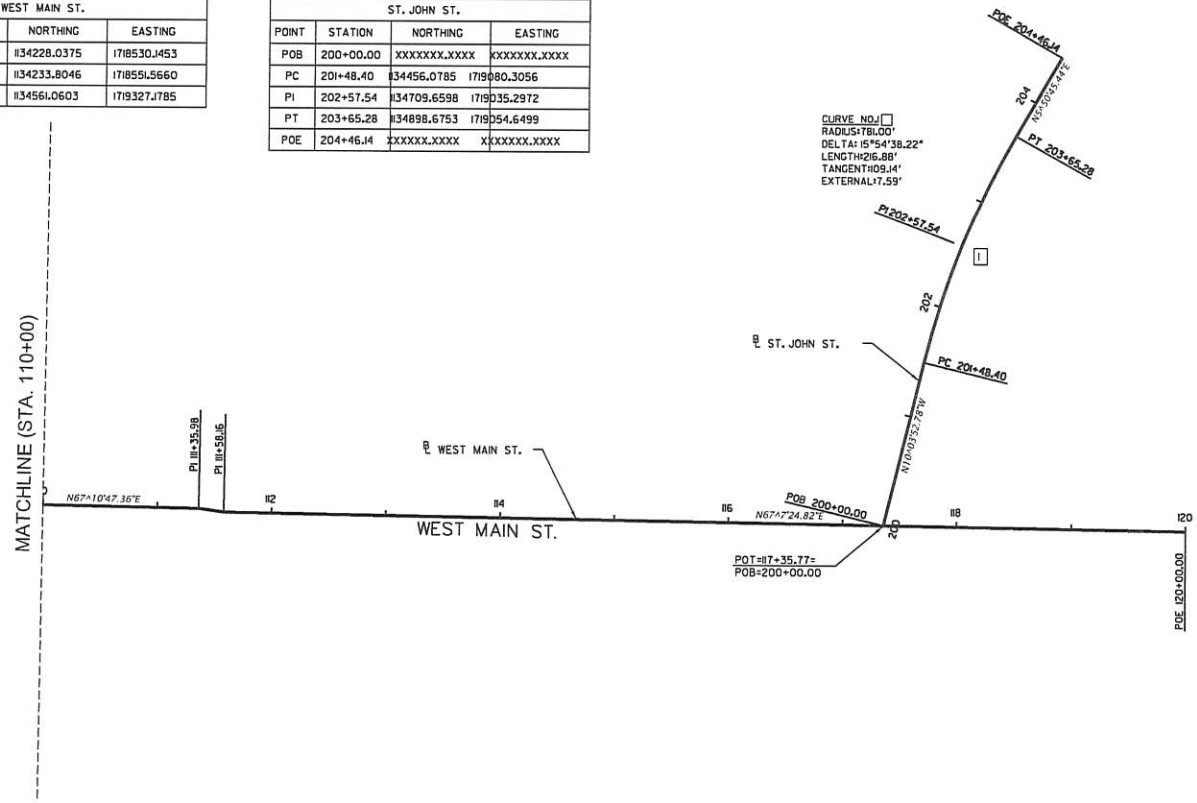
SCALE 1"= 50' SHEET NO. 5B

$$$$User$$
$$$$$$pathsssssssssFilenamesssssssss
$$$$date$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-1	5C

BASELINE GEOMETRY INFORMATION			
WEST MAIN ST.			
POINT	STATION	NORTHING	EASTING
PI	111+35.98	1134228.0375	1718530.1453
PI	111+58.16	1134233.8046	1718551.5660
POE	120+00.00	1134561.0603	1719327.1785

BASELINE GEOMETRY INFORMATION			
ST. JOHN ST.			
POINT	STATION	NORTHING	EASTING
POB	200+00.00	XXXXXXX.XXXX	XXXXXXX.XXXX
PC	201+48.40	1134456.0785	1719080.3056
PI	202+57.54	1134709.6598	1719035.2972
PT	203+65.28	1134898.6753	1719054.6499
POE	204+46.14	XXXXXX.XXXX	XXXXXXX.XXXX



Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

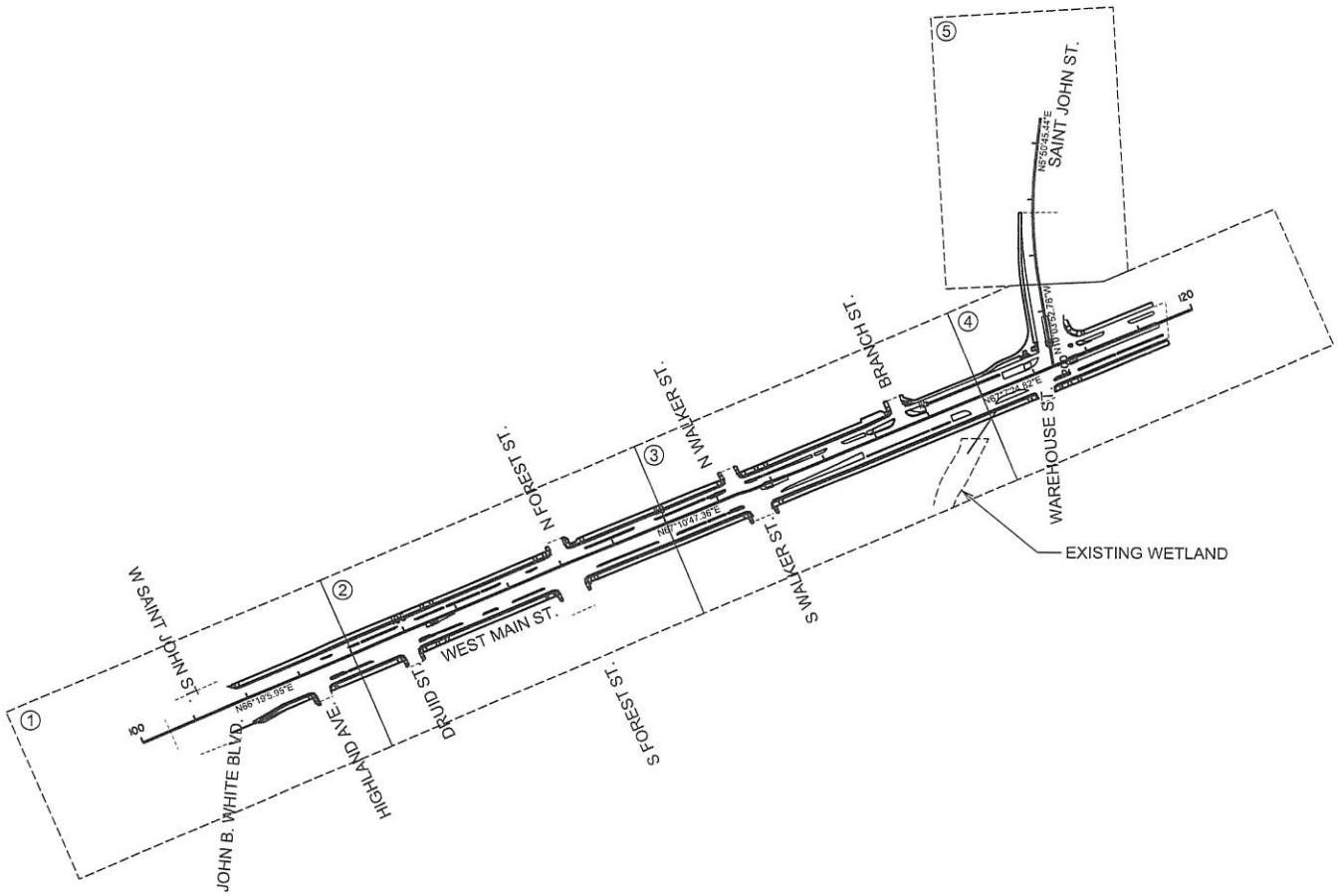
REFERENCE DATA SHEET
2 OF 2

SCALE 1"= 50'

SHEET NO. 5C

$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	5D



Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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2			
1			

TOPO. ____ DATE ____
DWG. ____ DATE ____
R/W ____ DATE ____
SQUAD ____ - ____

WEST MAIN STREET
PHASE
SPARTANBURG, SC

INDEX LAYOUT SHEET

SCALE 1"= 100'

SHEET NO. 5D

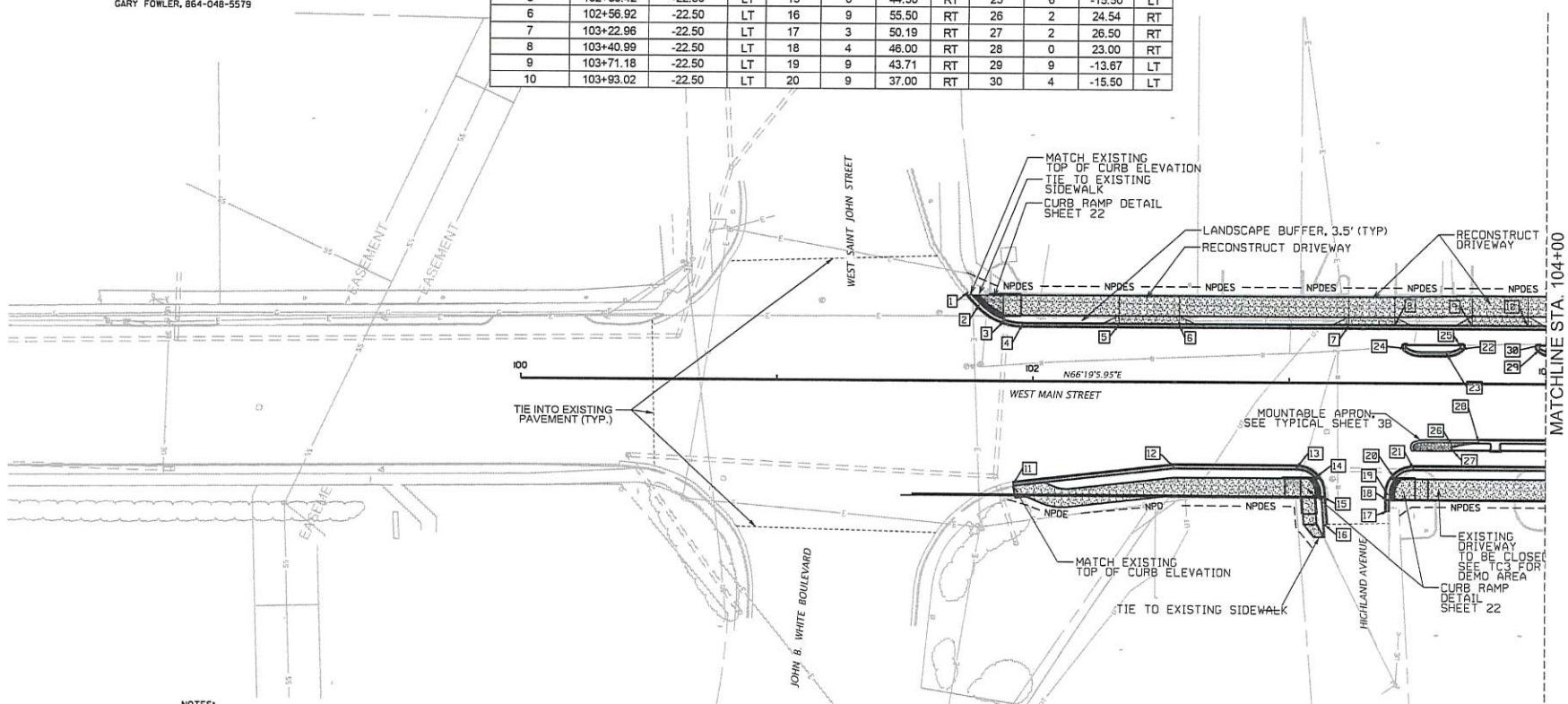
$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	6

UTILITY	CONTACT
AT&T	LEE SADLER, 704-478-7917
SPECTRUM	LARRY CAMP, 864-598-0817
SPARTANBURG WATER & SEWER	KEVIN SMITH, 864-580-5649
PIEDMONT NATURAL GAS	THOMAS PRESSLEY, 864-775-0744
DUKE ENERGY	GARY FOWLER, 864-048-5579

FACE OF CURB DATA

POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT
1	101+74.38	-35.00	LT	11	6	40.86	RT	21	9	33.50	RT
2	101+78.87	-30.04	LT	12	0	33.50	RT	22	1	-13.67	LT
3	101+88.71	-23.66	LT	13	6	33.50	RT	23	8	-12.00	LT
4	101+95.91	-22.50	LT	14	6	37.00	RT	24	6	-13.67	LT
5	102+33.42	-22.50	LT	15	6	44.50	RT	25	6	-15.50	LT
6	102+56.92	-22.50	LT	16	9	55.50	RT	26	2	24.54	RT
7	103+22.96	-22.50	LT	17	3	50.19	RT	27	2	26.50	RT
8	103+40.99	-22.50	LT	18	4	46.00	RT	28	0	23.00	RT
9	103+71.18	-22.50	LT	19	9	43.71	RT	29	9	-13.67	LT
10	103+93.02	-22.50	LT	20	9	37.00	RT	30	4	-15.50	LT



LEGEND

CONCRETE SIDEWALK

DIRECTION OF TRAVEL

NPDES — NPDES LINE

NOTES:

1. PEDESTRIAN RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH SCDOT STD. DWG. 720-929-02 UNLESS OTHERWISE NOTED. INSTALL DETECTABLE WARNING MATERIAL AS PER STD. DWG. 720-910-01.
2. ADJUST POLE FOUNDATION TO MATCH SIDEWALK ELEVATION.
3. SEE SHEET DI FOR DRAINAGE STANDARD DRAWINGS AND SCHEDULE.
4. PAVEMENT MARKINGS ARE FOR REFERENCE ONLY, FOR COMPLETE PAVEMENT MARKING LAYOUT SEE THE PAVEMENT MARKING PLANS (SHEETS PM1-PM5)

SCALE IN FEET 0 20 40 80

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

ROADWAY PLAN
SHEET 1 OF 5

SCALE 1"= 20'

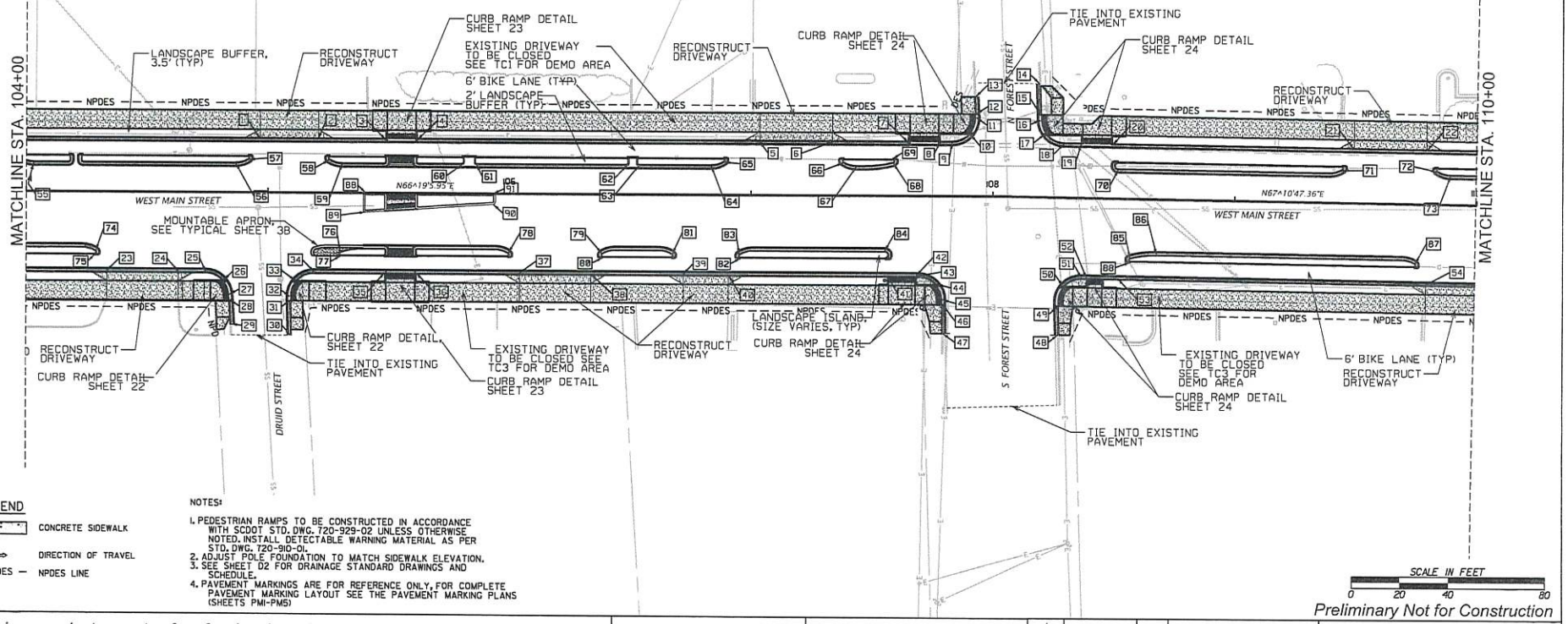
SHEET NO. 6

$$User$$
$$$$pathnamesssssssfilenamesssssssss
$$$$date$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	7

FACE OF CURB DATA

POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT
1	104+96.60	-22.50	LT	13	107+92.79	-41.50	LT	25	104+74.26	33.50	RT	37	106+04.04	33.50	RT	49	108+27.35	46.00	RT	61	105+86.16	-12.00	LT	73	109+88.97	-12.00	LT	85	108+57.17	24.54	RT
2	105+20.55	-22.50	LT	14	108+18.34	-47.41	LT	26	104+81.86	37.00	RT	38	106+33.54	33.50	RT	50	108+29.64	37.00	RT	62	106+48.26	-12.00	LT	74	104+28.81	24.67	RT	86	108+68.15	23.00	RT
3	105+48.54	-22.50	LT	15	108+18.88	-34.50	LT	27	104+84.24	42.88	RT	39	106+71.90	33.50	RT	51	108+37.24	33.50	RT	63	106+53.26	-12.00	LT	75	104+28.25	26.50	RT	87	109+75.13	24.67	RT
4	105+61.54	-22.50	LT	16	108+18.99	-32.08	LT	28	104+84.40	45.50	RT	40	106+90.59	33.50	RT	52	108+39.33	33.50	RT	64	106+83.38	-12.00	LT	76	105+29.73	24.55	RT	88	108+57.44	26.50	RT
5	107+03.38	-22.50	LT	17	108+20.98	-26.50	LT	29	104+85.02	55.50	RT	41	107+56.43	33.50	RT	53	108+52.33	33.50	RT	65	106+88.91	-13.67	LT	77	105+30.05	26.50	RT				
6	107+33.38	-22.50	LT	18	108+28.98	-22.50	LT	30	105+09.42	60.03	RT	42	107+68.45	33.50	RT	54	109+79.60	33.50	RT	66	107+37.85	-13.67	LT	78	105+99.57	24.67	RT				
7	107+64.92	-22.50	LT	19	108+36.06	-22.50	LT	31	105+09.06	45.50	RT	43	107+69.43	33.50	RT	55	104+03.02	-12.00	LT	67	107+43.38	-12.00	LT	79	106+38.02	24.67	RT				
8	107+78.09	-22.50	LT	20	108+49.06	-22.50	LT	32	105+09.02	43.74	RT	44	107+77.03	37.00	RT	56	104+86.60	-12.00	LT	68	107+58.75	-13.53	LT	80	106+38.57	26.50	RT				
9	107+83.16	-22.50	LT	21	109+48.97	-22.50	LT	33	105+11.42	37.00	RT	45	107+79.43	43.42	RT	57	104+92.13	-13.67	LT	69	107+58.49	-15.50	LT	81	106+67.42	24.67	RT				
10	107+90.68	-25.92	LT	22	109+78.97	-22.50	LT	34	105+19.02	33.50	RT	46	107+79.45	45.50	RT	58	105+25.02	-13.67	LT	70	108+51.66	-12.00	LT	82	106+95.62	26.50	RT				
11	107+93.15	-32.92	LT	23	104+33.28	33.50	RT	35	105+48.29	33.50	RT	47	107+79.55	57.50	RT	59	105+30.55	-12.00	LT	71	109+44.50	-13.67	LT	83	106+95.06	24.67	RT				
12	107+93.08	-34.50	LT	24	104+62.88	33.50	RT	36	105+61.29	33.50	RT	48	108+27.87	57.50	RT	60	105+80.16	-12.00	LT	72	109+83.44	-13.67	LT	84	107+55.42	23.00	RT				



LEGEND

- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES — NPDES LINE

NOTES:

1. PEDESTRIAN RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH SCDOT STD. DWG. 720-929-02 UNLESS OTHERWISE NOTED. INSTALL DETECTABLE WARNING MATERIAL AS PER STD. DWG. 720-910-01.
2. ADJUST POLE FOUNDATION TO MATCH SIDEWALK ELEVATION.
3. SEE SHEET D2 FOR DRAINAGE STANDARD DRAWINGS AND SCHEDULE.
4. PAVEMENT MARKINGS ARE FOR REFERENCE ONLY, FOR COMPLETE PAVEMENT MARKING LAYOUT SEE THE PAVEMENT MARKING PLANS (SHEETS PM1-PM5)

SCALE IN FEET
0 20 40 80

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE
R/W DATE
SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

ROADWAY PLAN
SHEET 2 OF 5

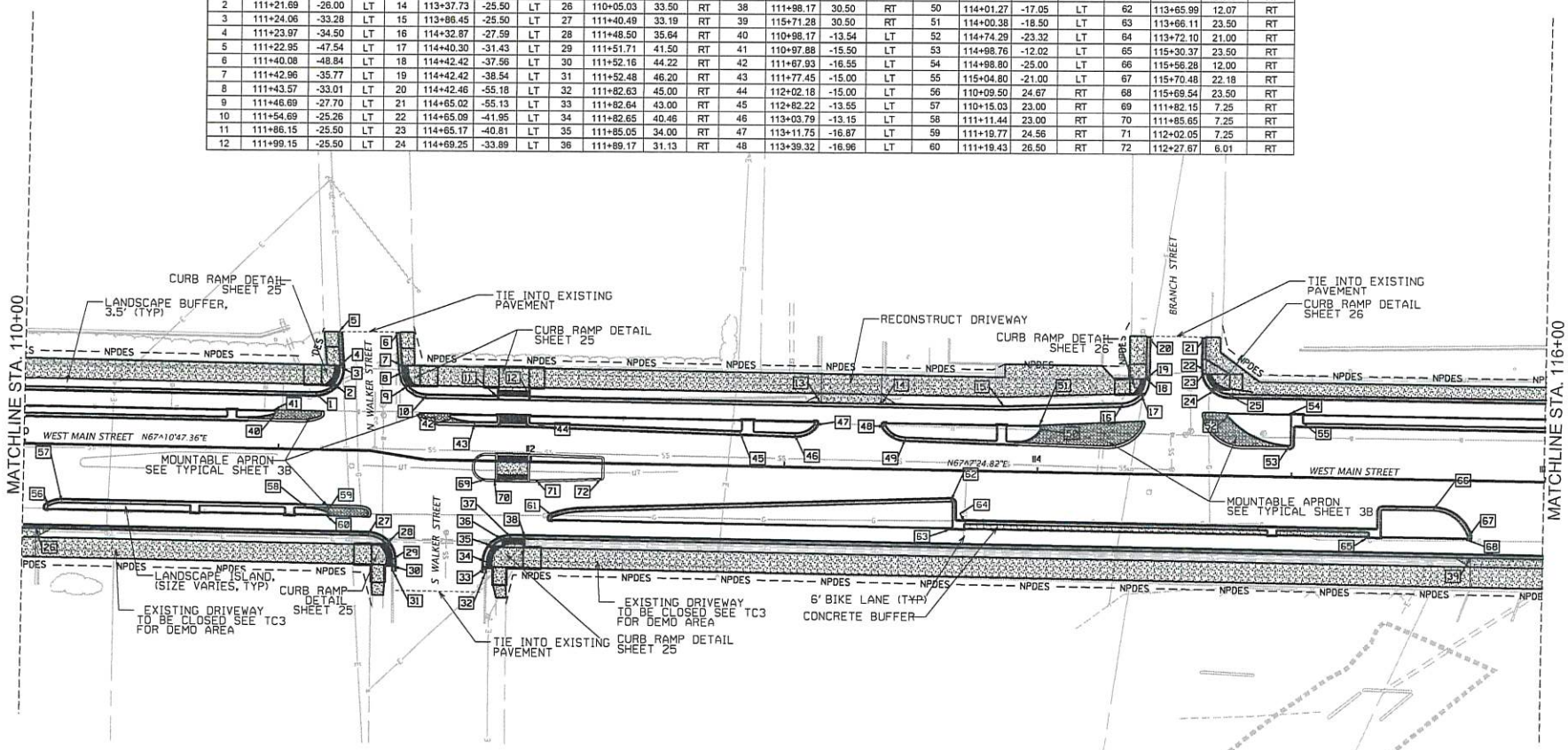
SCALE 1"= 20'
SHEET NO. 7

$$$$user$$
$$$$$$pathss$$$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	8

FACE OF CURB DATA

POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT
1	111+14.09	-22.50	LT	13	113+13.95	-25.50	LT	25	114+75.09	-32.00	LT	37	111+92.65	30.50	RT	49	113+47.56	-12.36	LT	61	112+08.67	21.56	RT
2	111+21.69	-26.00	LT	14	113+37.73	-25.50	LT	26	110+05.03	33.50	RT	38	111+98.17	30.50	RT	50	114+01.27	-17.05	LT	62	113+65.99	12.07	RT
3	111+24.06	-33.28	LT	15	113+86.45	-25.50	LT	27	111+40.49	33.19	RT	39	115+71.28	30.50	RT	51	114+00.38	-18.50	LT	63	113+66.11	23.50	RT
4	111+23.97	-34.50	LT	16	114+32.87	-27.59	LT	28	111+48.50	35.64	RT	40	110+98.17	-13.54	LT	52	114+74.29	-23.32	LT	64	113+72.10	21.00	RT
5	111+22.95	-47.54	LT	17	114+40.30	-31.43	LT	29	111+51.71	41.50	RT	41	110+97.88	-15.50	LT	53	114+98.76	-12.02	LT	65	115+30.37	23.50	RT
6	111+40.08	-48.84	LT	18	114+42.42	-37.56	LT	30	111+52.16	44.22	RT	42	111+67.93	-16.55	LT	54	114+98.80	-25.00	LT	66	115+56.28	12.00	RT
7	111+42.96	-35.77	LT	19	114+42.42	-38.54	LT	31	111+52.48	46.20	RT	43	111+77.45	-15.00	LT	55	115+04.80	-21.00	LT	67	115+70.48	22.18	RT
8	111+43.57	-33.01	LT	20	114+42.46	-55.18	LT	32	111+82.63	45.00	RT	44	112+02.18	-15.00	LT	56	110+09.50	24.67	RT	68	115+69.54	23.50	RT
9	111+46.69	-27.70	LT	21	114+65.02	-55.13	LT	33	111+82.64	43.00	RT	45	112+82.22	-13.55	LT	57	110+15.03	23.00	RT	69	111+82.15	7.25	RT
10	111+54.69	-25.26	LT	22	114+65.09	-41.95	LT	34	111+82.65	40.46	RT	46	113+03.79	-13.15	LT	58	111+11.44	23.00	RT	70	111+85.65	7.25	RT
11	111+86.15	-25.50	LT	23	114+65.17	-40.81	LT	35	111+85.05	34.00	RT	47	113+11.75	-16.87	LT	59	111+19.77	24.56	RT	71	112+02.05	7.25	RT
12	111+99.15	-25.50	LT	24	114+69.25	-33.89	LT	36	111+89.17	31.13	RT	48	113+39.32	-16.96	LT	60	111+19.43	26.50	RT	72	112+27.67	6.01	RT



LEGEND

- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES — NPDES LINE

NOTES:

1. PEDESTRIAN RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH SCDOT STD. DWG. 720-929-02 UNLESS OTHERWISE NOTED. INSTALL DETECTABLE WARNING MATERIAL AS PER STD. DWG. 720-910-01.
2. ADJUST POLE FOUNDATION TO MATCH SIDEWALK ELEVATION.
3. SEE SHEET D3 FOR DRAINAGE STANDARD DRAWINGS AND SCHEDULE.
4. PAVEMENT MARKINGS ARE FOR REFERENCE ONLY, FOR COMPLETE PAVEMENT MARKING LAYOUT SEE THE PAVEMENT MARKING PLANS (SHEETS PM1-PM5)

SCALE IN FEET
0 20 40 80

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. DATE
DWG. DATE
RW DATE

SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

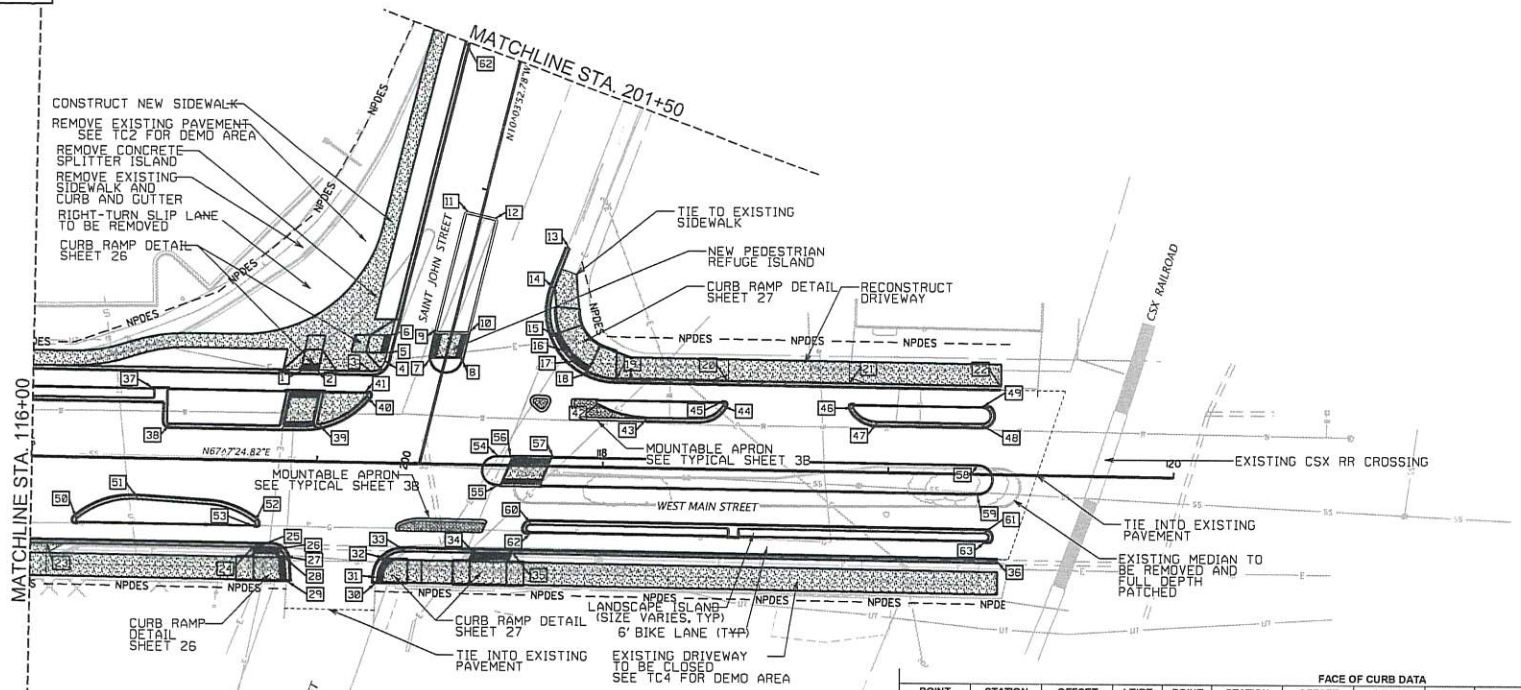
ROADWAY PLAN
SHEET 3 OF 5

SCALE 1"= 20'

SHEET NO. 8

$User$$
$$$$$$pathsssssssssfilenamessssssssss

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	9



FACE OF CURB DATA

POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT	POINT	STATION	OFFSET	LT/RT
1	116+93.73	-32.00	LT	19	118+04.10	-31.00	LT	37	116+41.88	-25.00	LT	55	117+62.91	7.50	RT
2	116+99.84	-32.00	LT	20	118+43.27	-31.00	LT	38	116+47.88	-12.00	LT	56	117+67.42	-3.50	LT
3	117+18.54	-32.00	LT	21	118+85.61	-31.00	LT	39	117+00.76	-12.82	LT	57	117+82.45	-3.50	LT
4	117+23.42	-35.89	LT	22	119+38.82	-31.00	LT	40	117+17.30	-23.38	LT	58	119+31.32	-3.50	LT
5	117+23.61	-39.00	LT	23	116+05.89	30.50	RT	41	117+16.52	-25.00	LT	59	119+31.32	7.50	RT
6	117+24.98	-45.00	LT	24	116+78.58	30.50	RT	42	117+97.49	-22.13	LT	60	117+75.05	20.50	RT
7	117+38.53	-36.80	LT	25	116+80.24	30.50	RT	43	118+14.89	-17.50	LT	61	119+34.07	20.50	RT
8	117+50.29	-36.78	LT	26	116+87.59	31.29	RT	44	118+41.94	-22.50	LT	62	117+75.05	24.00	RT
9	117+40.35	-47.22	LT	27	116+89.66	34.00	RT	45	118+41.07	-24.00	LT	63	119+34.07	24.00	RT
10	117+52.56	-46.78	LT	28	116+89.88	35.14	RT	46	118+86.95	-22.50	LT				
11	117+51.01	-89.58	LT	29	116+90.45	43.00	RT	47	118+95.61	-17.50	LT				
12	117+60.70	-87.38	LT	30	117+21.02	43.00	RT	48	119+32.57	-17.50	LT				
13	117+86.64	-77.44	LT	31	117+21.06	40.81	RT	49	119+32.57	-24.00	LT				
14	117+81.51	-63.08	LT	32	117+23.92	34.00	RT	50	116+16.13	21.75	RT				
15	117+81.67	-46.47	LT	33	117+31.06	31.00	RT	51	116+37.35	14.35	RT				
16	117+85.23	-41.00	LT	34	117+54.89	31.00	RT	52	116+78.80	21.71	RT				
17	117+88.76	-37.20	LT	35	117+68.84	31.00	RT	53	116+78.20	23.50	RT				
18	117+93.92	-33.27	LT	36	119+38.82	31.00	RT	54	117+62.91	-3.50	LT				

LEGEND

CONCRETE SIDEWALK

DIRECTION OF TRAVEL

NPDES — NPDES LINE

NOTES:

1. PEDESTRIAN RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH SCDOT STD. DWG. 720-929-02 UNLESS OTHERWISE NOTED. INSTALL DETECTABLE WARNING MATERIAL AS PER STD. DWG. 720-910-01.
2. ADJUST POLE FOUNDATION TO MATCH SIDEWALK ELEVATION.
3. SEE SHEET D4 FOR DRAINAGE STANDARD DRAWINGS AND SCHEDULE.
4. PAVEMENT MARKINGS ARE FOR REFERENCE ONLY, FOR COMPLETE PAVEMENT MARKING LAYOUT SEE THE PAVEMENT MARKING PLANS (SHEETS PM1-PM5)

SCALE IN FEET
0 20 40 80

Preliminary Not for Construction

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TOOLE DESIGN

REV.NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

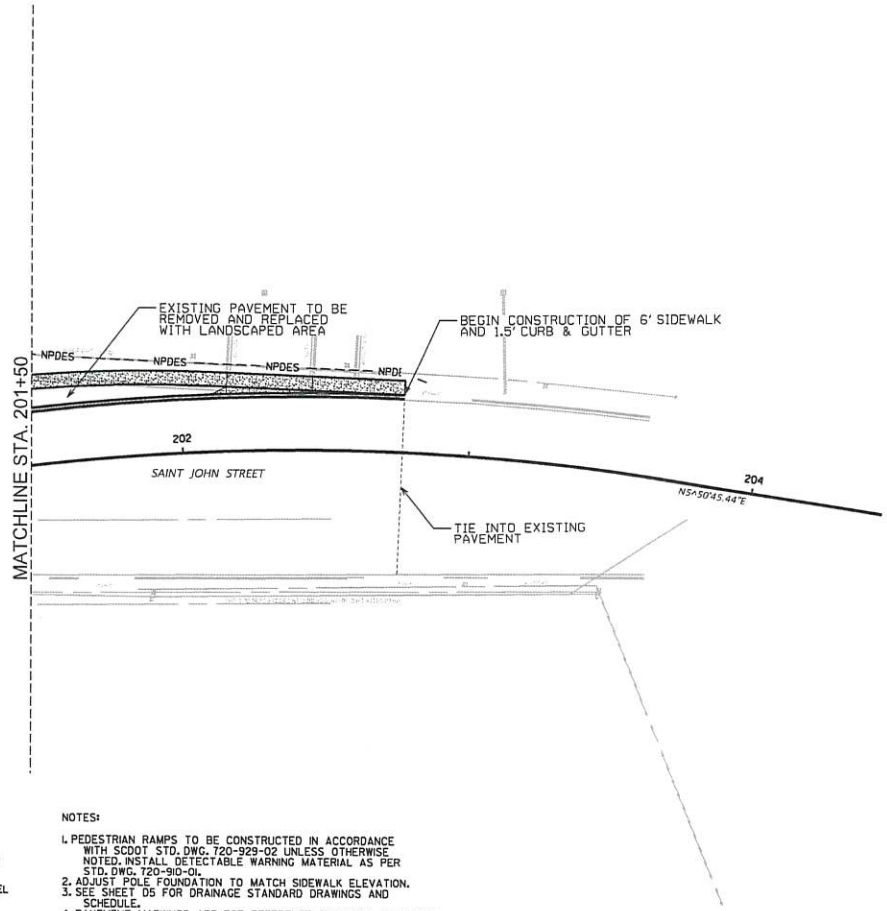
ROADWAY PLAN
SHEET 4 OF 5

SCALE 1"= 20'

SHEET NO. 9

$$$$USER$$$
$$$$$$$PATH$$$$$$$$$$FILENAME$$$$$$$$$
$$$$DATE$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	10



FACE OF CURB DATA			
POINT	STATION	OFFSET	LT/RT
1	117+88.75	-274.51	LT

LEGEND

CONCRETE SIDEWALK

DIRECTION OF TRAVEL

NPDES LINE

NOTES:

1. PEDESTRIAN RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH SCDOT STD. DWG. 720-929-02 UNLESS OTHERWISE NOTED. INSTALL DETECTABLE WARNING MATERIAL AS PER STD. DWG. 720-910-01.
2. ADJUST POLE FOUNDATION TO MATCH SIDEWALK ELEVATION.
3. SEE SHEET D5 FOR DRAINAGE STANDARD DRAWINGS AND SCHEDULE.
4. PAVEMENT MARKINGS ARE FOR REFERENCE ONLY. FOR COMPLETE PAVEMENT MARKING LAYOUT SEE THE PAVEMENT MARKING PLANS (SHEETS PM1-PM5)

SCALE IN FEET

0 20 40 80

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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2			
1			

TOPO. DATE
DWG. DATE
RW DATE

SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

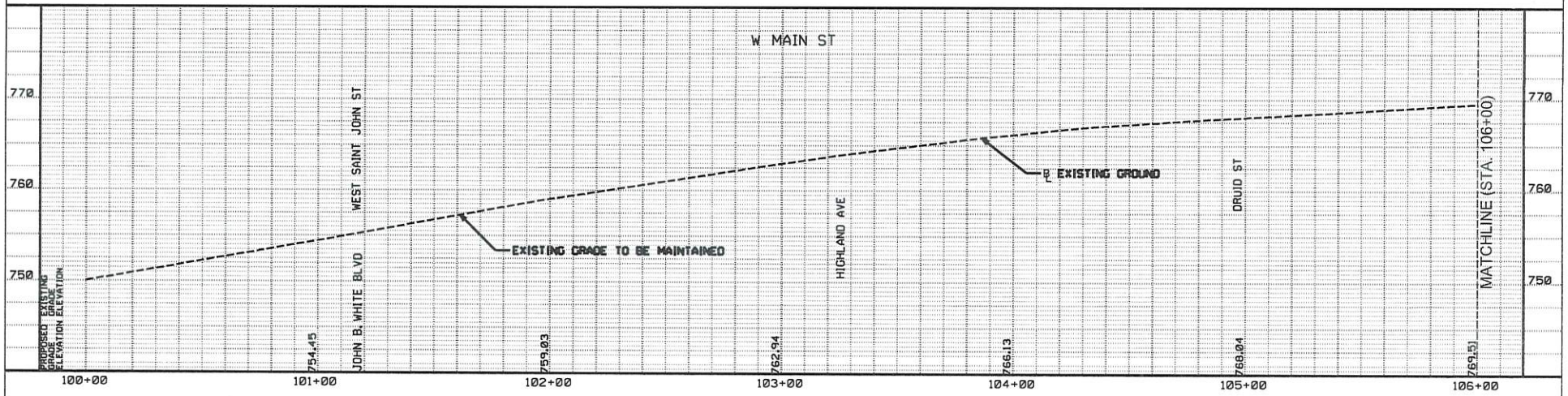
ROADWAY PLAN
SHEET 5 OF 5

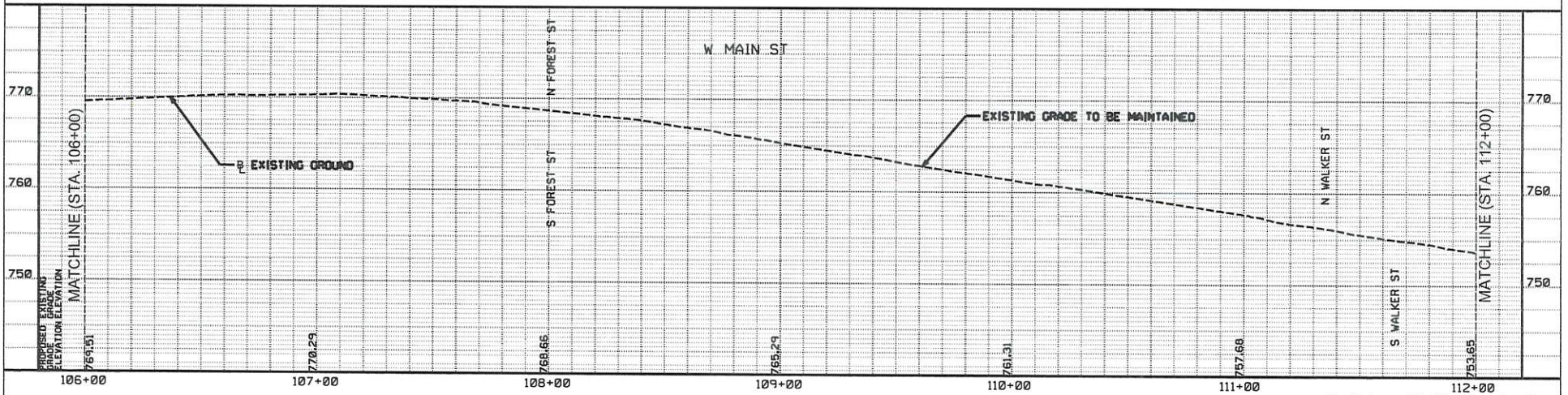
SCALE 1"= 20'

SHEET NO. 10

$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	11





Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE

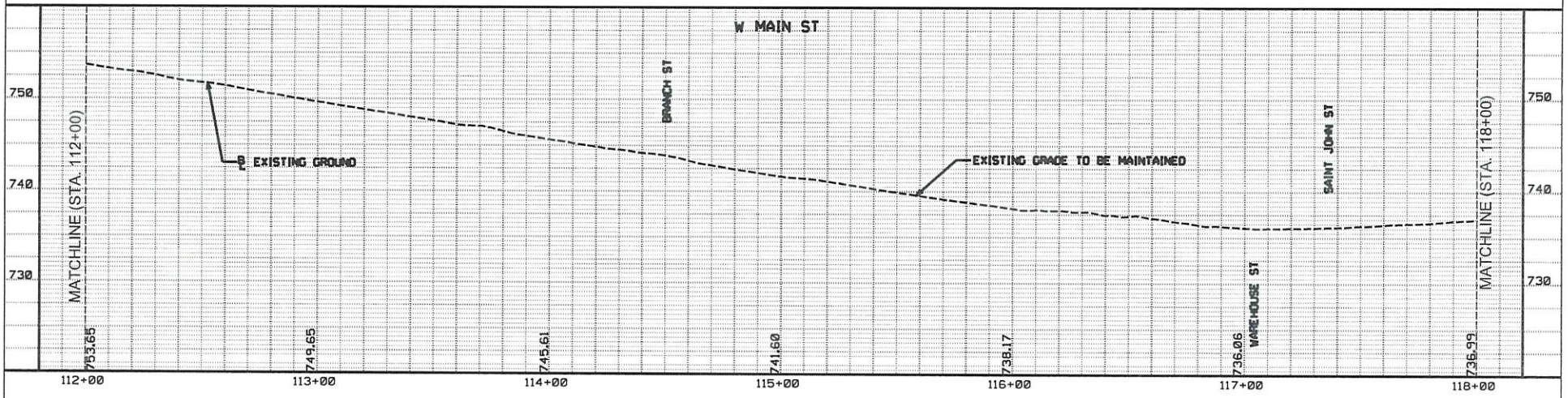
SQUAD -

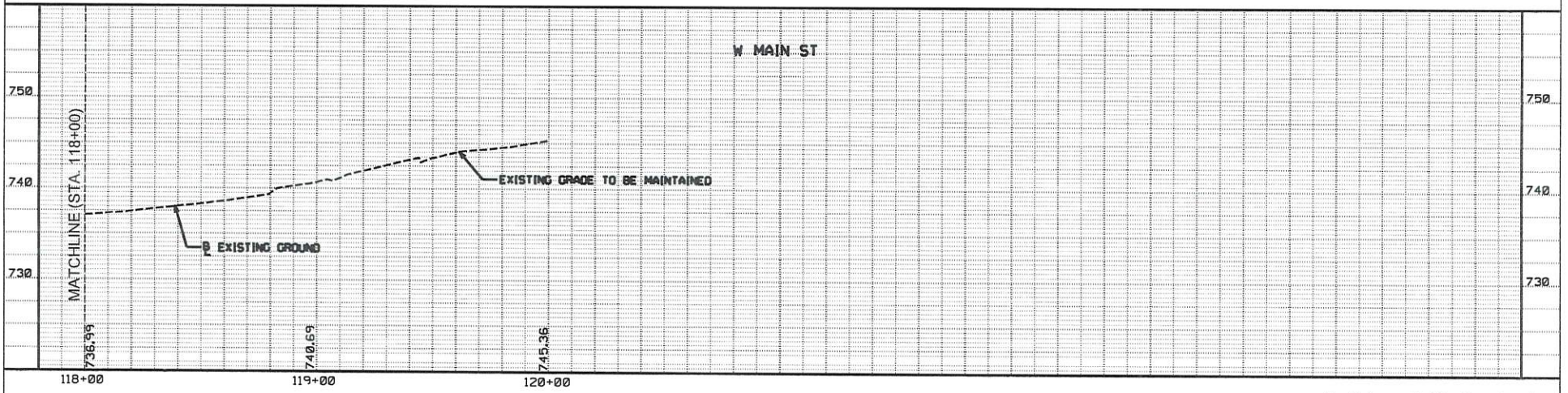
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

ROADWAY PROFILE
SHEET 1 OF 2

SCALE 1"= HOR: 1"=50' VER:1"=10' SHEET NO. 11

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	12





Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

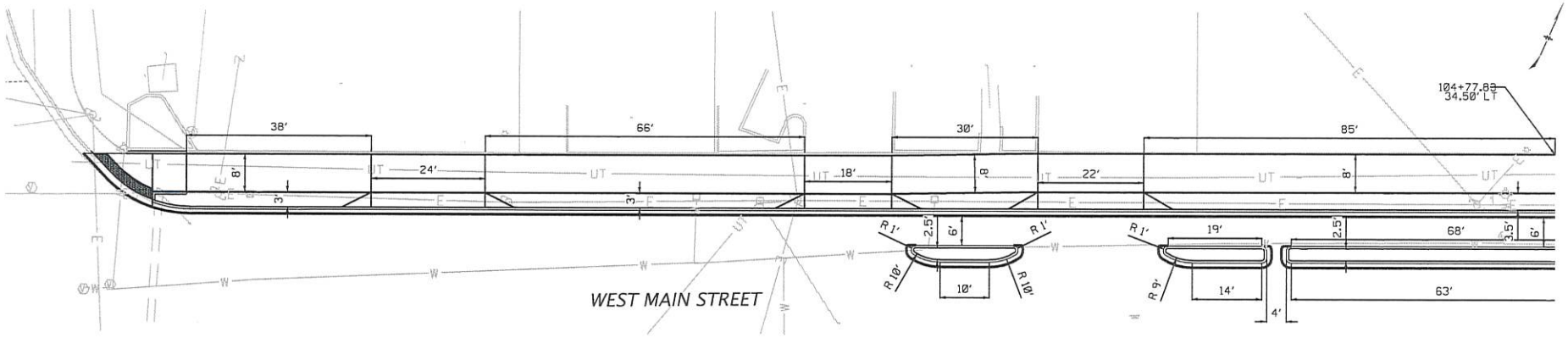
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

ROADWAY PROFILE
SHEET 2 OF 2

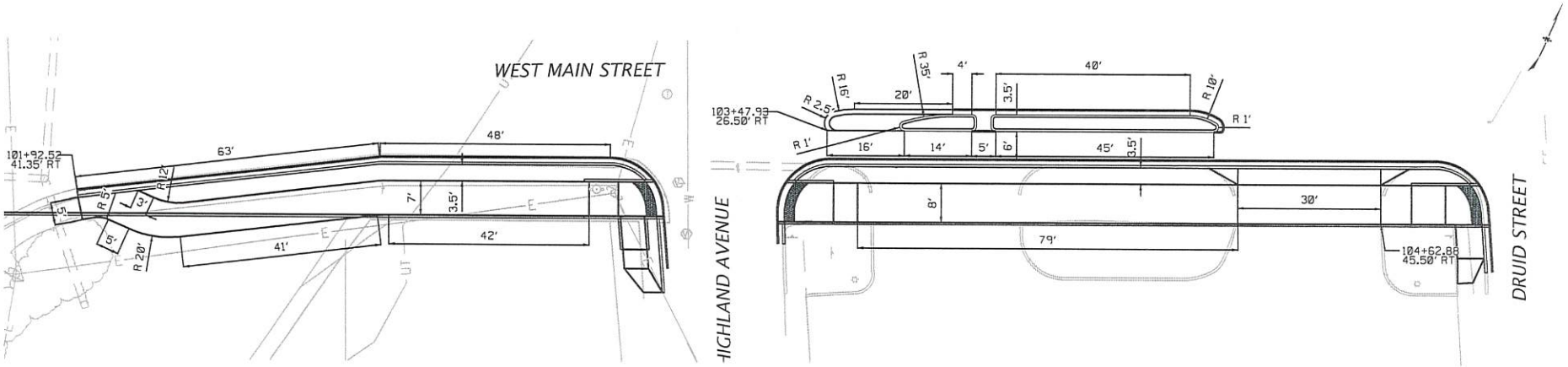
SCALE 1"= SHEET NO. 12

$$user$$
$$$$pathsssssssssssfilenamessssssss
$$$$crtdate$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	13



W. MAIN ST. BETWEEN W. SAINT JOHN ST. & N. FOREST ST.
NW QUADRANT



W. MAIN ST. BETWEEN W. SAINT JOHN ST. & DRUID ST.
SOUTH SIDE

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

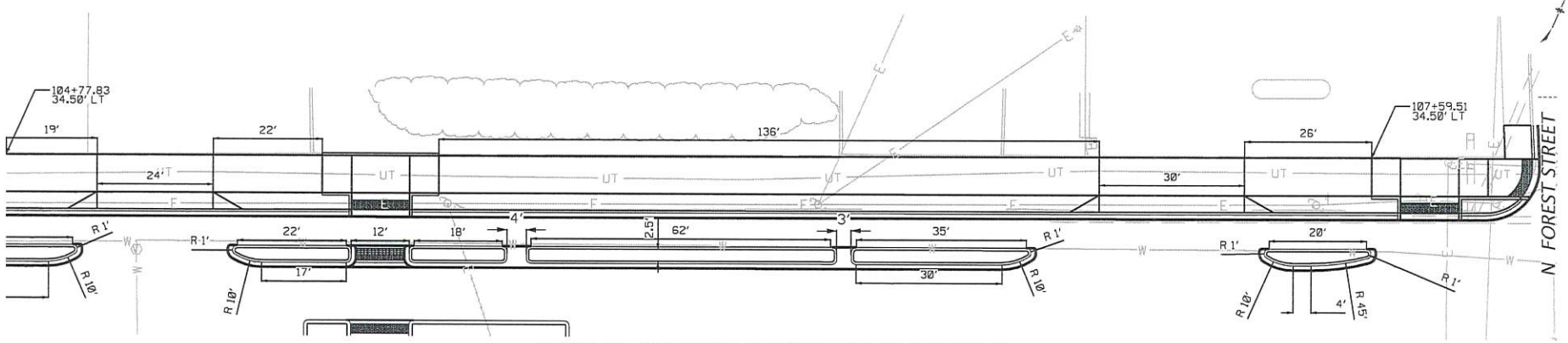
SIDEWALK DETAILS
SHEET 1 OF 7

SCALE 1"= 10'

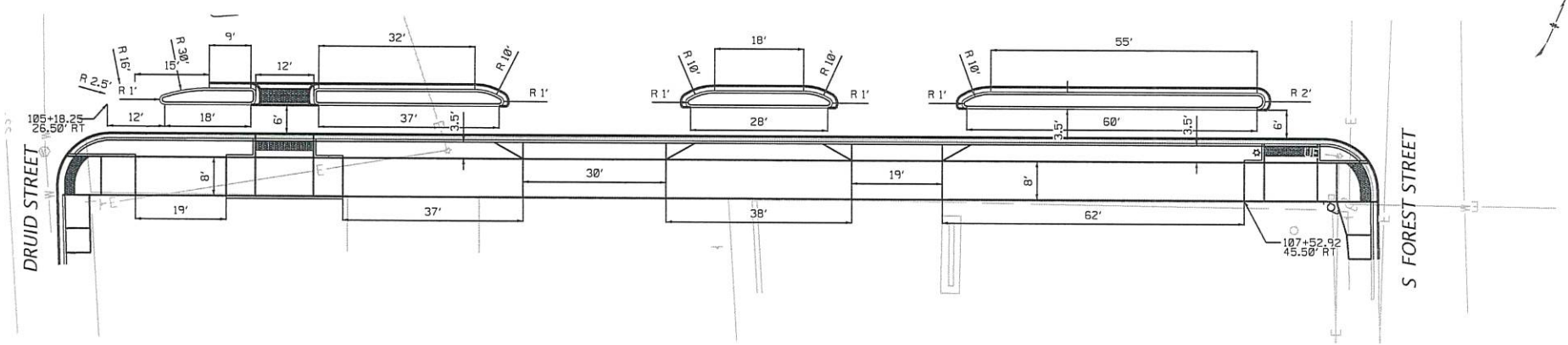
SHEET NO. 13

$$$$user$$
$$$$$$$$$$$$$$$$$$$$filename$$$$$$$$
$$$$$$$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	SJ	14



W. MAIN ST. BETWEEN W. SAINT JOHN ST. & N. FOREST ST.
NE QUADRANT



W. MAIN ST. BETWEEN DRUID ST. & S. FOREST ST.
SOUTH SIDE

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

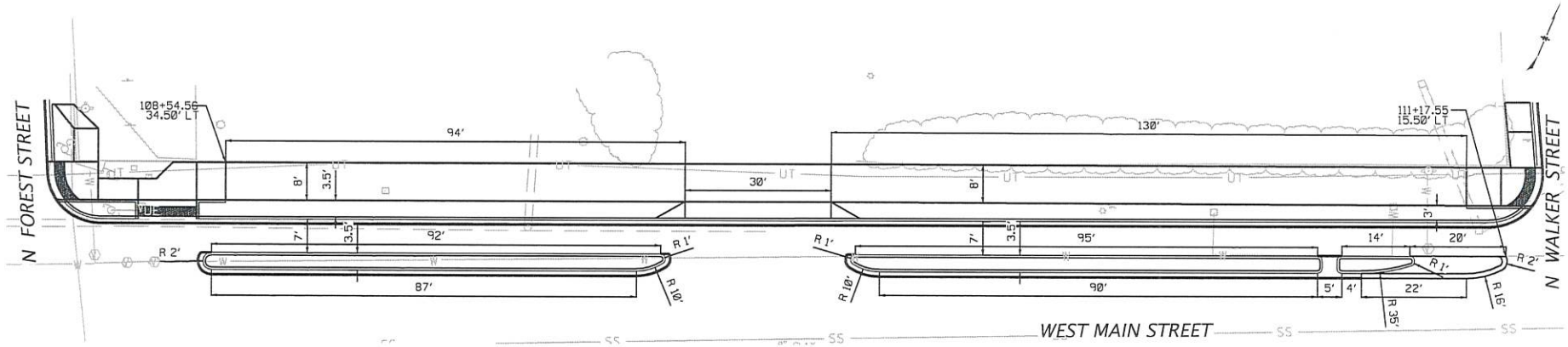
SIDEWALK DETAILS
SHEET 2 OF 7

SCALE 1"= 10'

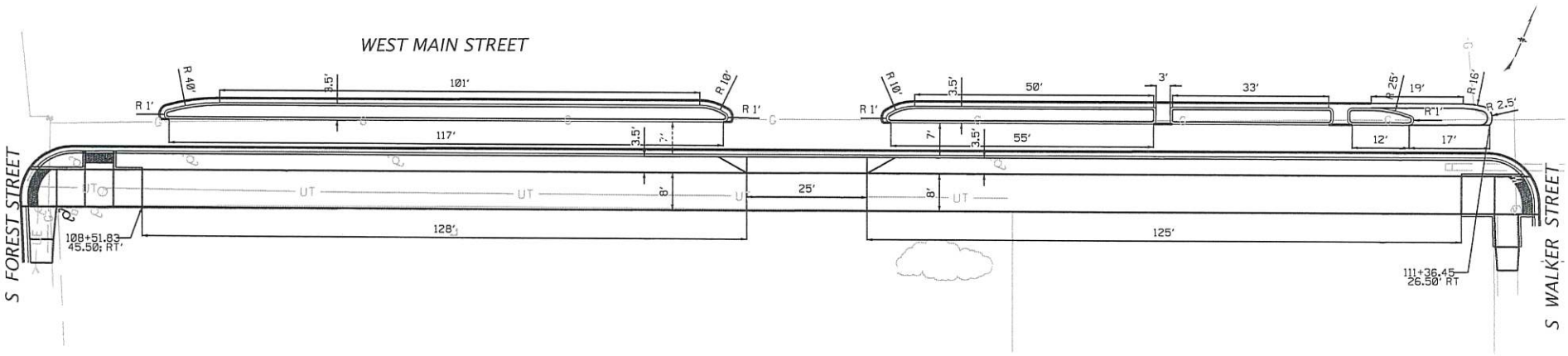
SHEET NO. 14

$$$$user$$
$$$$$$path$$$$$$$$$$$$filename$$$$$$$$$
$$$$$$$$$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	15



W. MAIN ST. BETWEEN N. FOREST ST. & N. WALKER ST.
NORTH SIDE



W. MAIN ST. BETWEEN N. FOREST ST. & N. WALKER ST.
SOUTH SIDE

Preliminary Not for Construction

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SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
RW DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

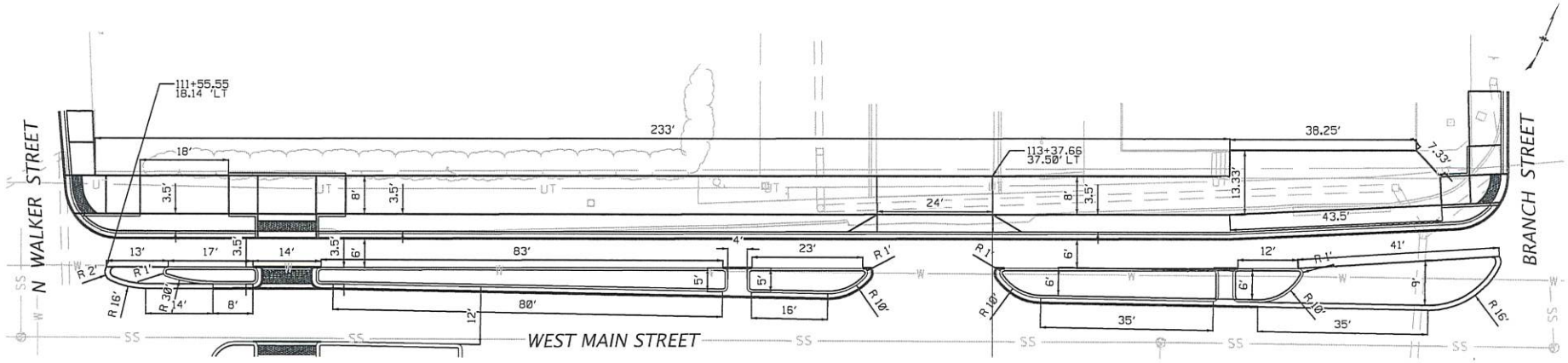
SIDEWALK DETAILS
SHEET 3 OF 7

SCALE 1"= 10'

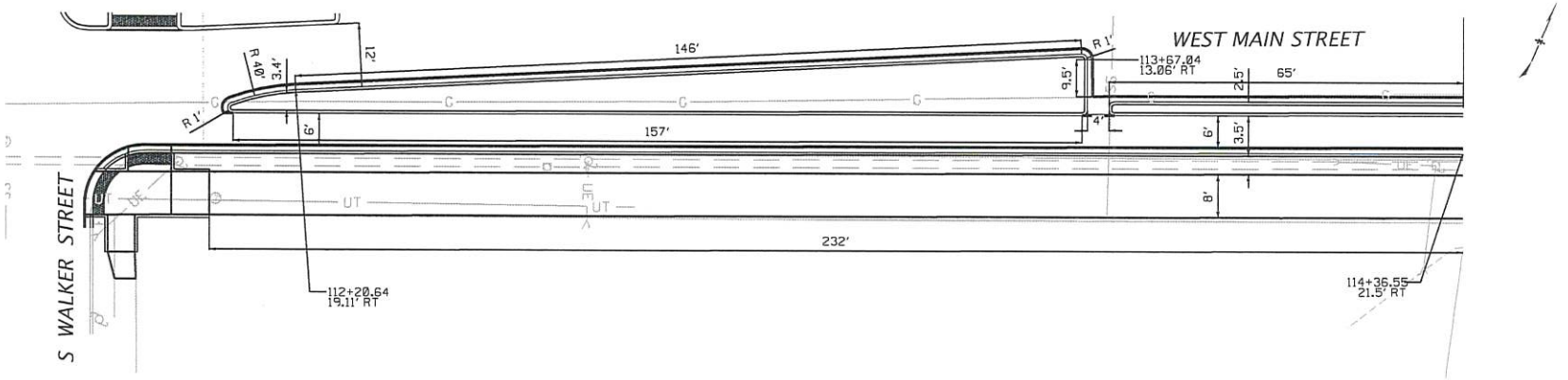
SHEET NO. 15

$$$$user$$
$$$$$$pathsssssssssssfilenamesssssssss
$$$$$$$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	16



W. MAIN ST. BETWEEN N. WALKER ST. & BRANCH ST.
NORTH SIDE



W. MAIN ST. BETWEEN N. WALKER ST. & WAREHOUSE ST.
SW QUADRANT

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

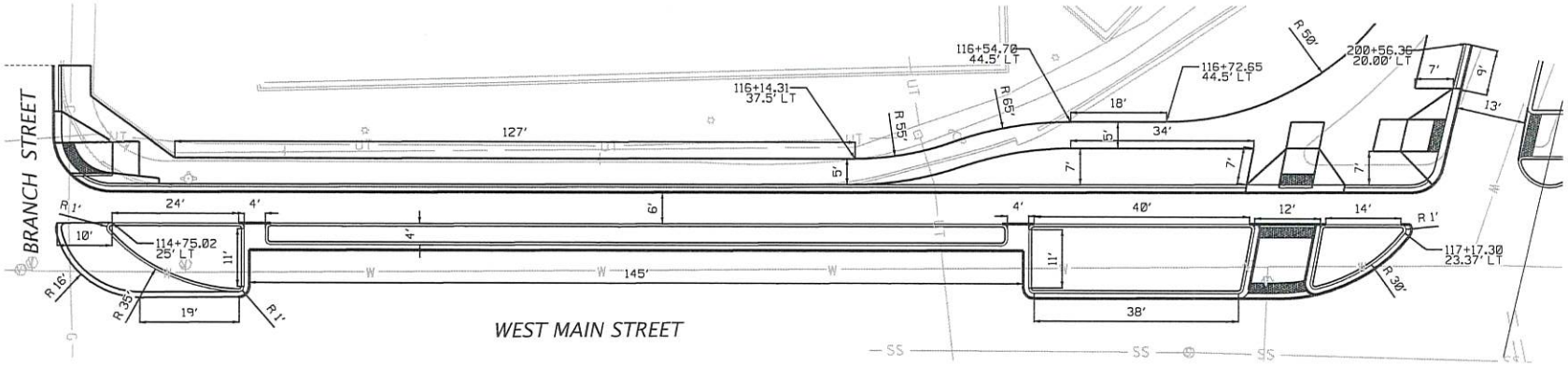
SIDEWALK DETAILS
SHEET 4 OF 7

SCALE 1"= 10'

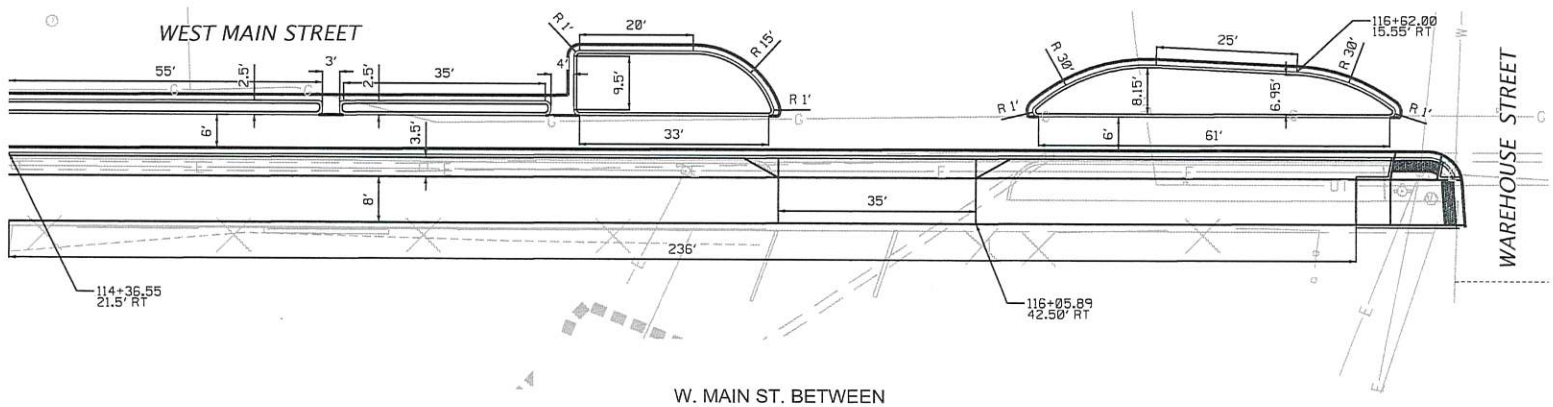
SHEET NO. 16

$$$$user$$
$$$$$$pathsssssssssfilenamesssssssss
$$$$0$10$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	D-3	17



W. MAIN ST. BETWEEN BRANCH ST. & SAINT JOHN ST.
NORTH SIDE



W. MAIN ST. BETWEEN
N. WALKER ST. & WAREHOUSE ST.
SE QUADRANT

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

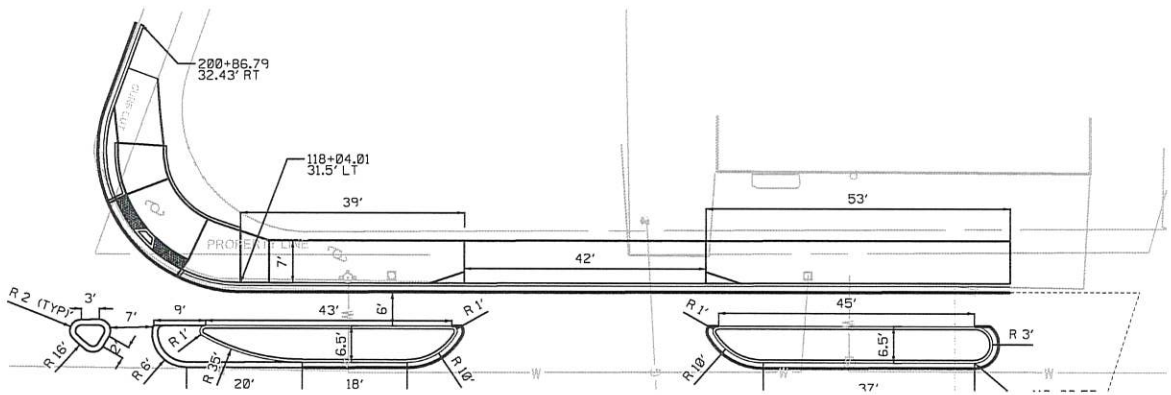
WEST MAIN STREET
PHASE
SPARTANBURG, SC

SIDEWALK DETAILS
SHEET 5 OF 7

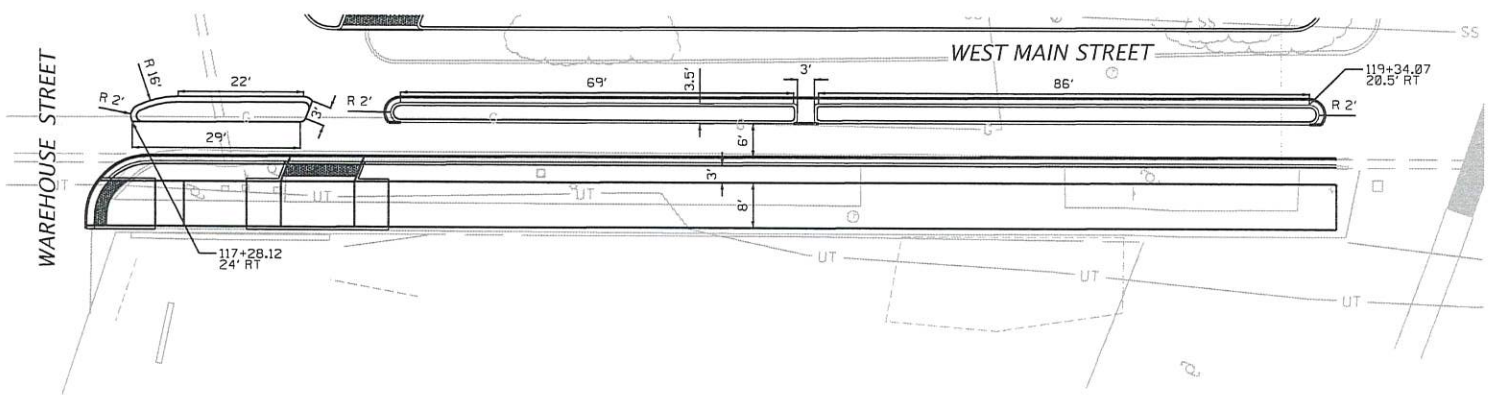
SCALE 1"= 10'

SHEET NO. 17

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	18



W. MAIN ST. BETWEEN SAINT JOHN ST. & ATLANTIC COASTLINE R/R
NORTH SIDE



W. MAIN ST. BETWEEN WAREHOUSE ST. & ATLANTIC COASTLINE R/R
SOUTHSIDE

Preliminary Not for Construction

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SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. DATE
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

SIDEWALK DETAILS
SHEET 6 OF 7

SCALE 1"= 10'

SHEET NO. 18

$$$$user$$
$$$$$$pathss$$$$$$$$$filenames$$$$$$$$
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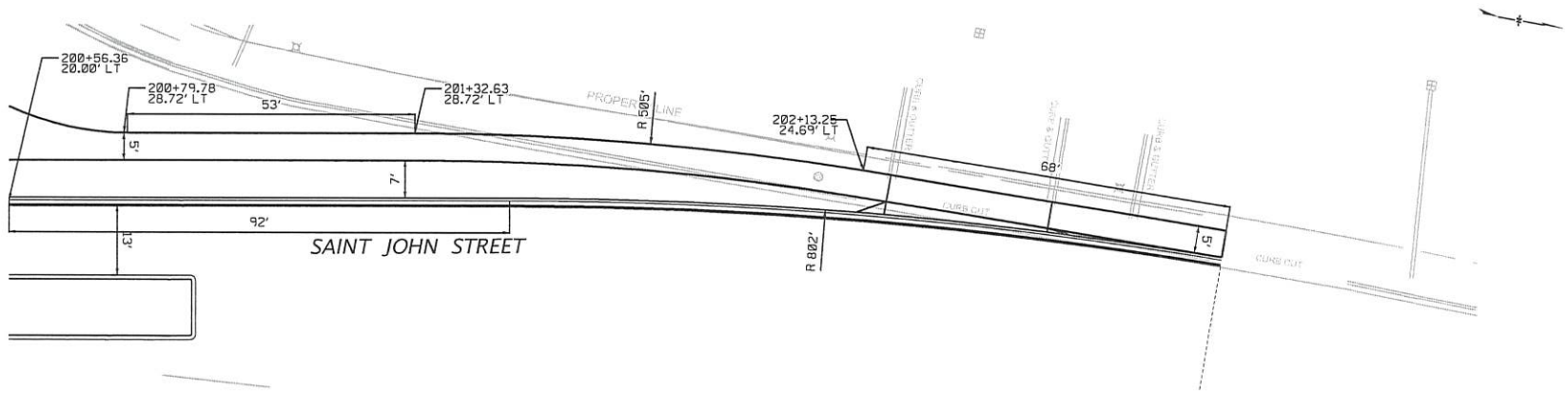
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	19



SAINT JOHN ST.
NORTH OF WEST MAIN ST.

Preliminary Not for Construction

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SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
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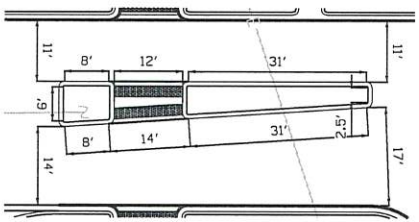
WEST MAIN STREET
PHASE
SPARTANBURG, SC

SIDEWALK DETAILS
SHEET 7 OF 7

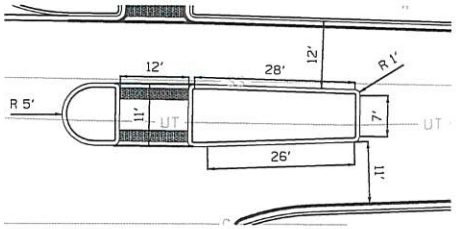
SCALE 1"= 10' SHEET NO. 19

$$$$user$$
$$$$$$pathnamesssssss-filenamesssssssss
$$$$DATE$$$$

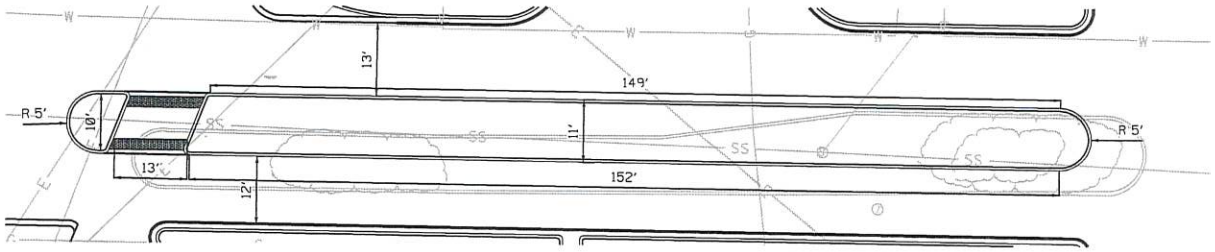
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	20



W. MAIN ST. BETWEEN DRUID ST. & N. FOREST ST.
NW QUADRANT



W. MAIN ST. BETWEEN N. WALKER ST. & BRANCH ST.
NW QUADRANT



W. MAIN ST. EAST OF SAINT JOHN ST.
CENTER MEDIAN

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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WEST MAIN STREET
PHASE
SPARTANBURG, SC

MEDIAN DETAILS
SHEET 1 OF 2

SCALE 1"= 10' SHEET NO. 20

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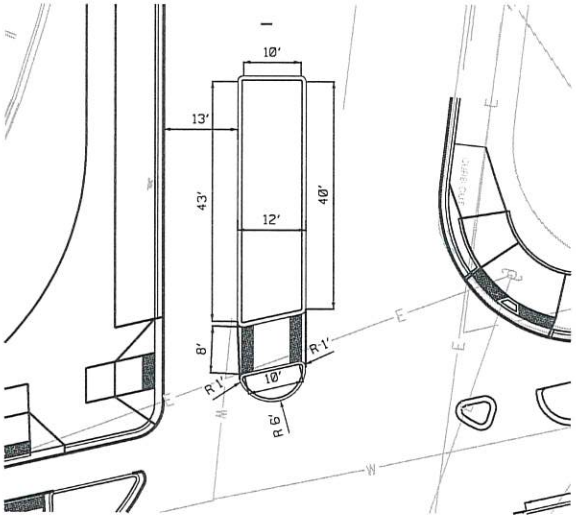
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	21



SAINT JOHN ST. AT MAIN ST.
NORTH SIDE

Preliminary Not for Construction

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SCALE IN FEET
0 10 20 40

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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WEST MAIN STREET PHASE
SPARTANBURG, SC

MEDIAN DETAILS
SHEET 2 OF 2

SCALE 1"= 10' SHEET NO. 21

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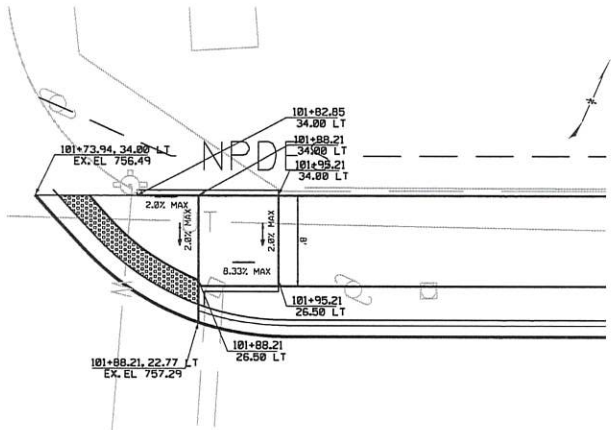
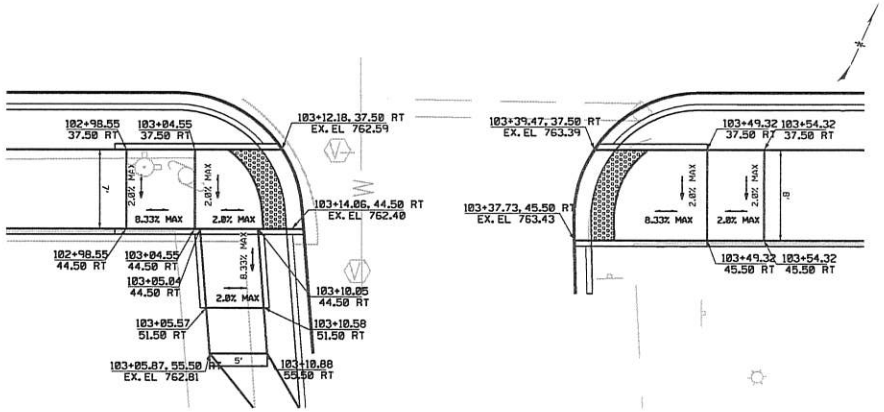
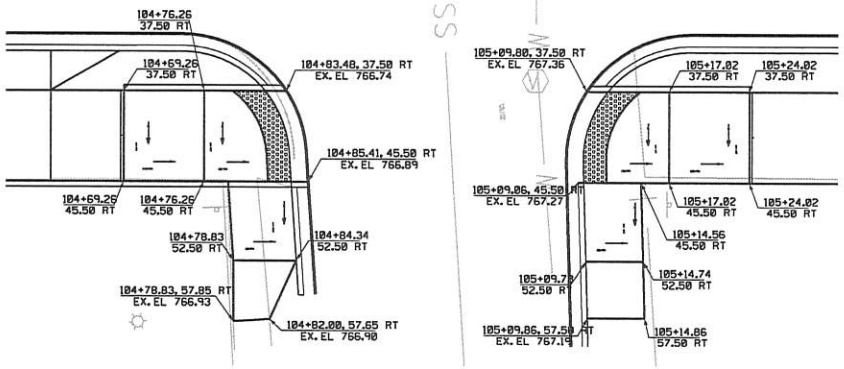
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	22



W. MAIN ST. & W. SAINT JOHN ST.
NE CORNER



W. MAIN ST. & HIGHLAND AVE



W. MAIN ST. & DRUID ST.

Preliminary Not for Construction

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SCALE IN FEET
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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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WEST MAIN STREET
PHASE
SPARTANBURG, SC

CURB RAMP DETAILS
SHEET 1 OF 6

SCALE 1"= 5' SHEET NO. 22

$$$$user$$
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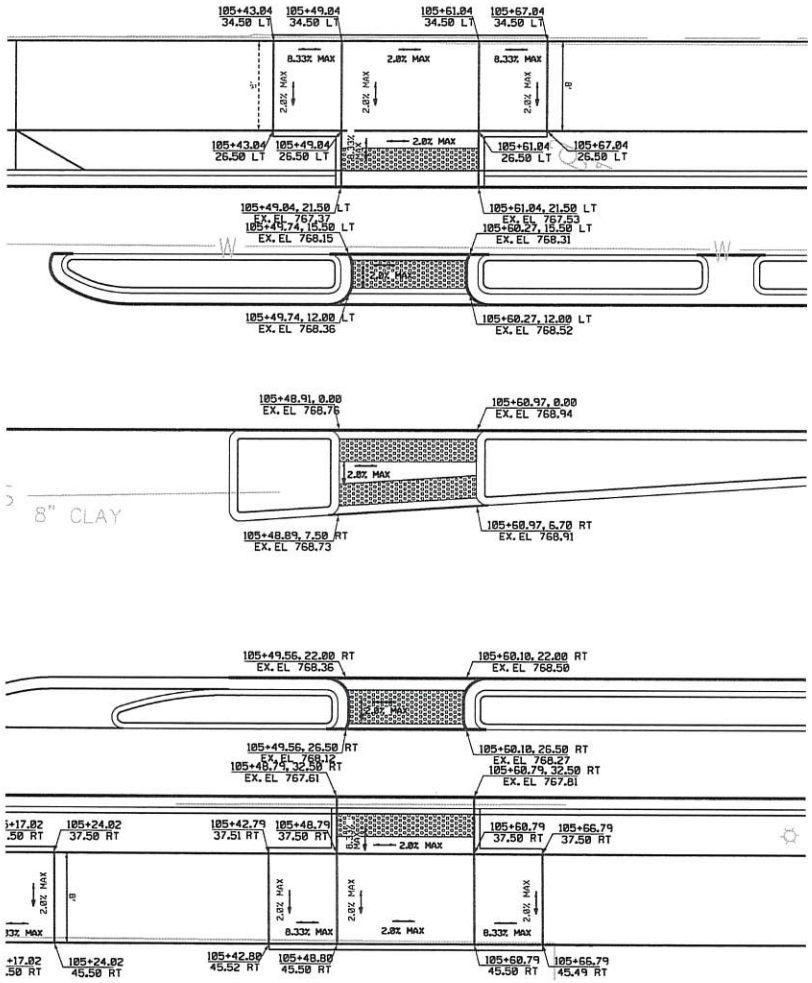
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	23



CROSSING ON W. MAIN ST. EAST OF DRUID ST.

Preliminary Not for Construction

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SCALE IN FEET
0 5 10 20

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
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WEST MAIN STREET
PHASE
SPARTANBURG, SC

CURB RAMP DETAILS
SHEET 2 OF 6

SCALE 1"= 5' SHEET NO. 23

$$$$USERS$$
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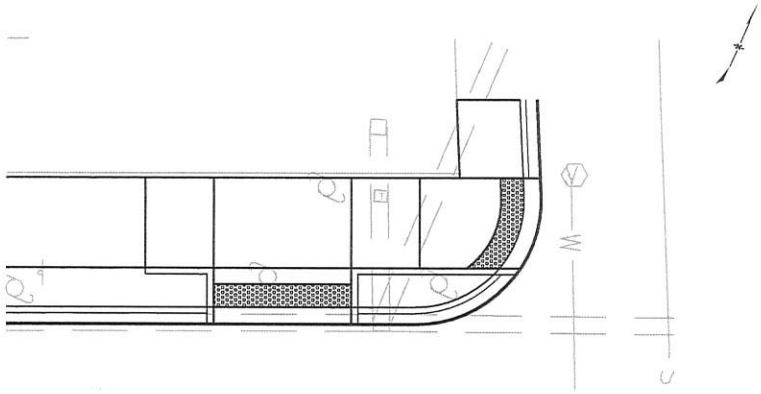
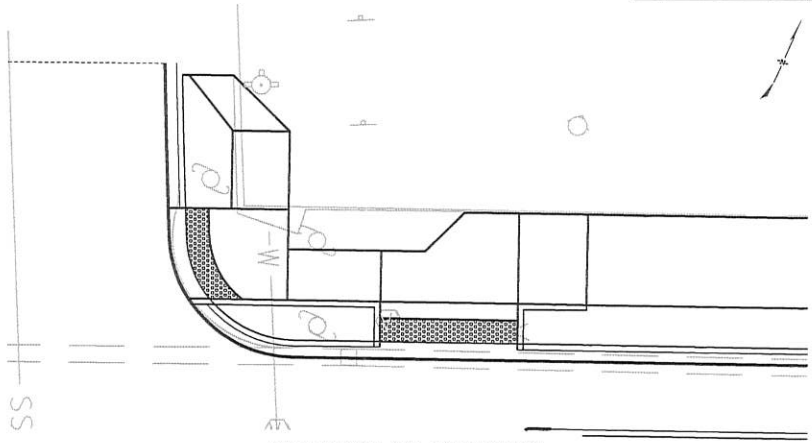
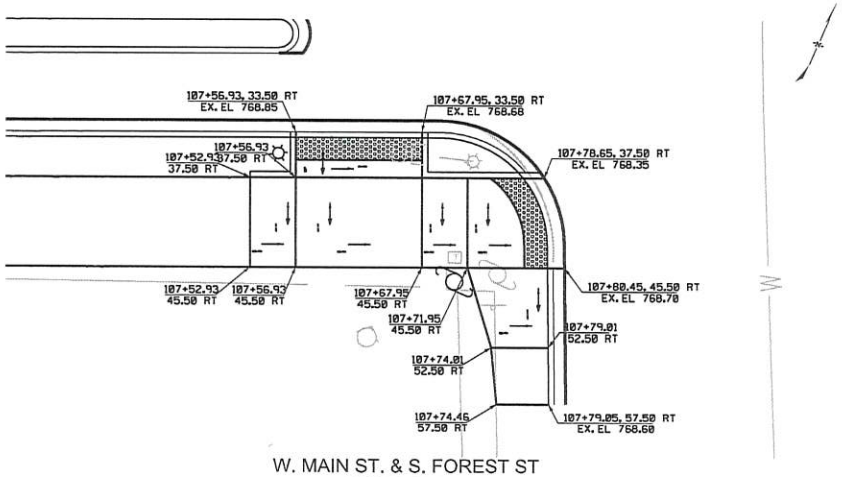
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	24



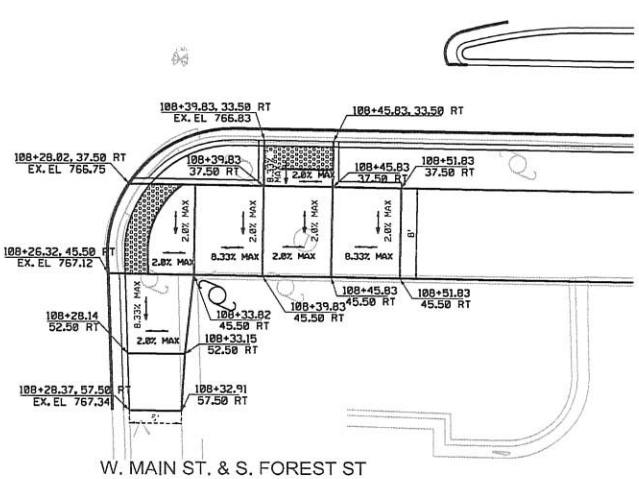
W. MAIN ST. & N. FOREST ST
NW CORNER



W. MAIN ST. & N. FOREST ST
NE CORNER



W. MAIN ST. & S. FOREST ST
SW CORNER



W. MAIN ST. & S. FOREST ST
SE CORNER

Preliminary Not for Construction

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SCALE IN FEET
0 5 10 20

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
DWG. DATE SQUAD -
R/W DATE

WEST MAIN STREET
PHASE
SPARTANBURG, SC

CURB RAMP DETAILS
SHEET 3 OF 6

SCALE 1"= 5' SHEET NO. 24

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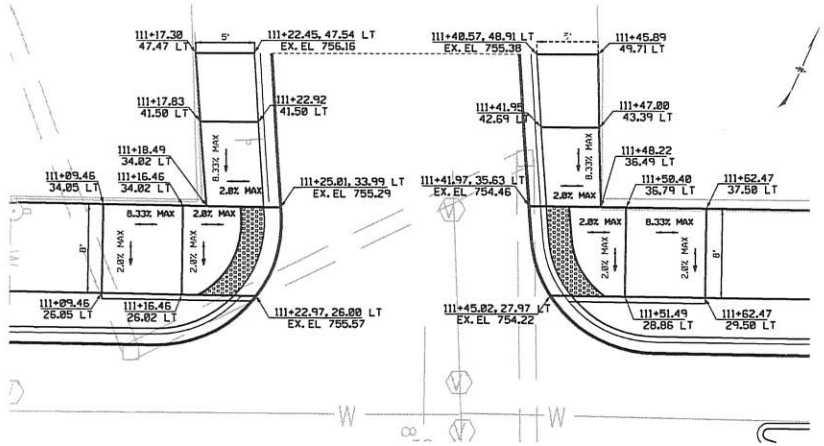
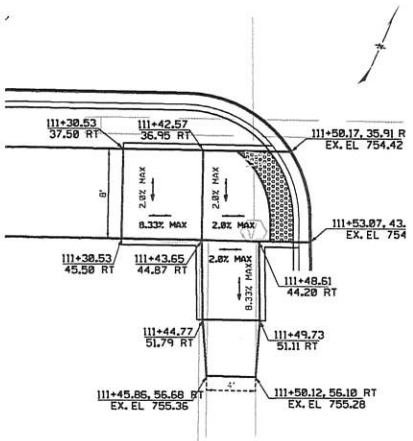
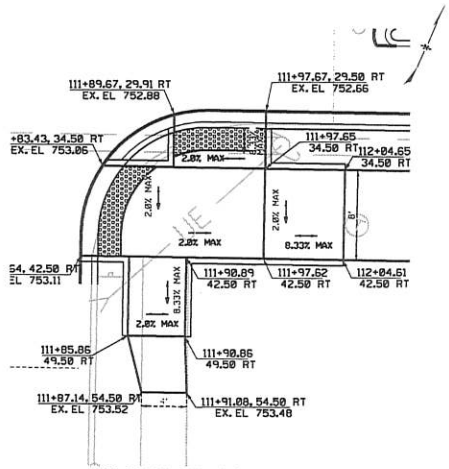
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	0-3	25



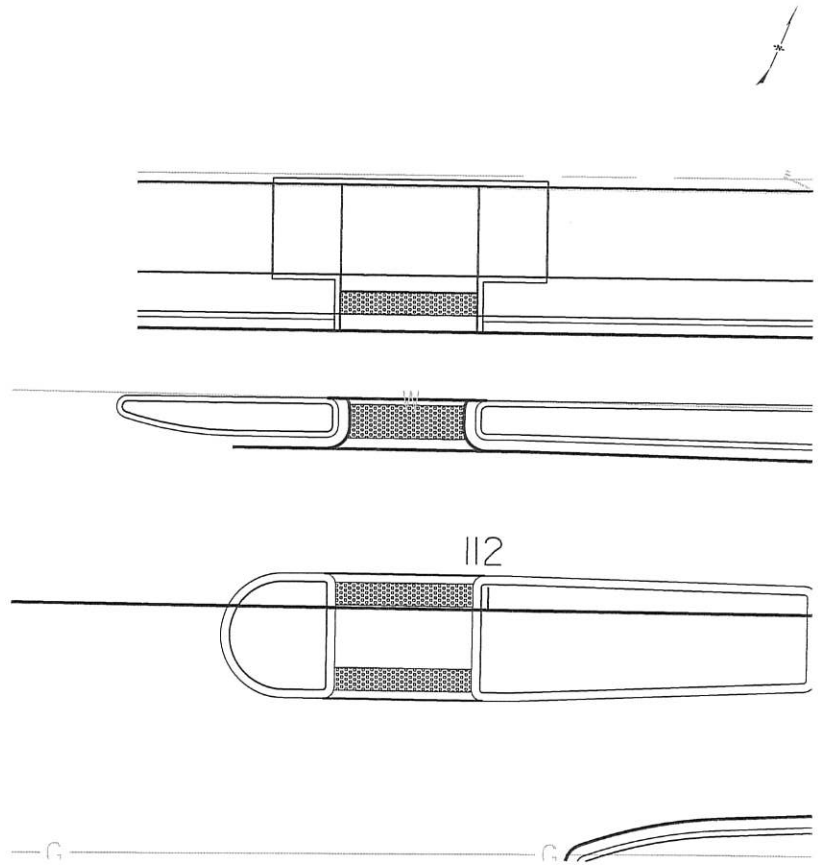
W. MAIN ST. & N. WALKER ST



W. MAIN ST. & S. WALKER ST
SW CORNER



W. MAIN ST. & S. WALKER ST
SE CORNER



W. MAIN ST. CROSSING
EAST OF S. WALKER ST

Preliminary Not for Construction

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SCALE IN FEET
0 5 10 20

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
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WEST MAIN STREET
PHASE
SPARTANBURG, SC

CURB RAMP DETAILS
SHEET 4 OF 6

SCALE 1"= 10'
SHEET NO. 25

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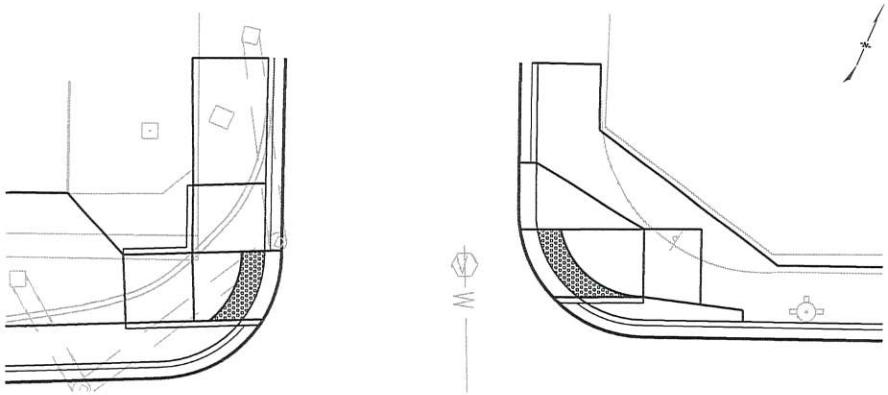
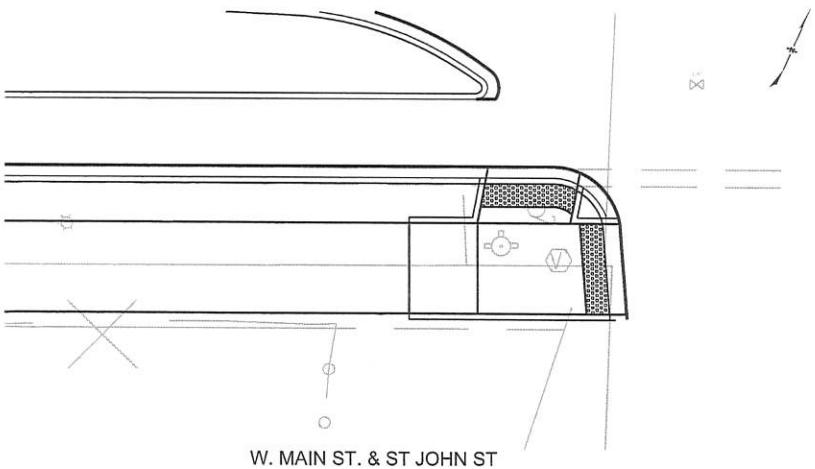
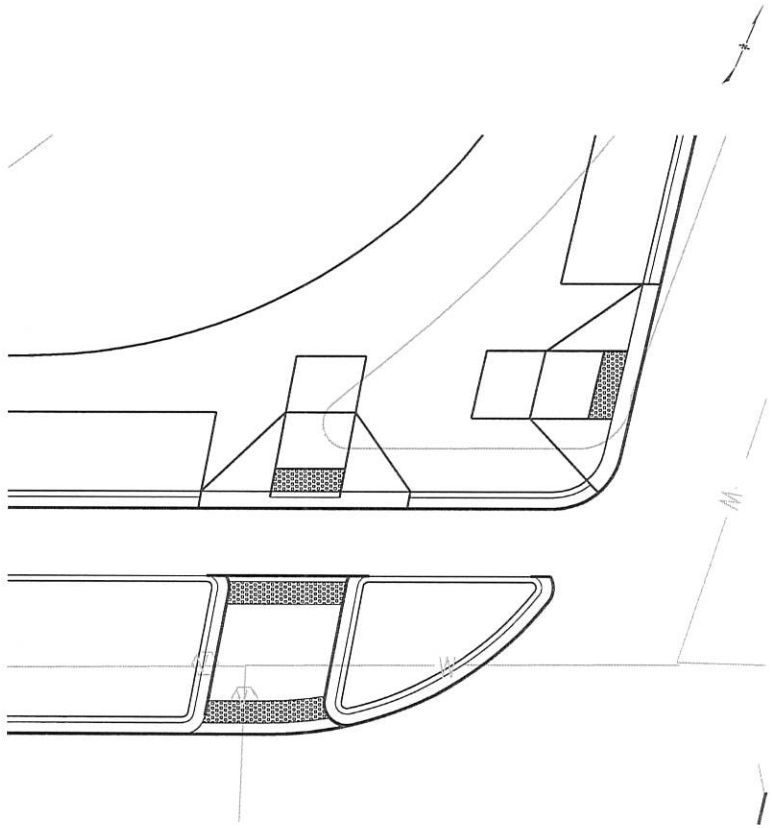
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	SJ-3	26



W. MAIN ST. & BRANCH ST



W. MAIN ST. & ST JOHN ST
SW CORNER



W. MAIN ST. & ST JOHN ST.
NW CORNER

Preliminary Not for Construction

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SCALE IN FEET
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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

CURB RAMP DETAILS
SHEET 5 OF 6

SCALE 1"= 10'

SHEET NO. 26

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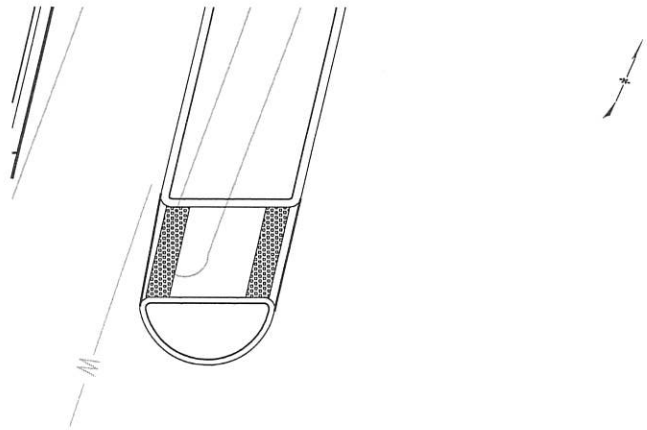
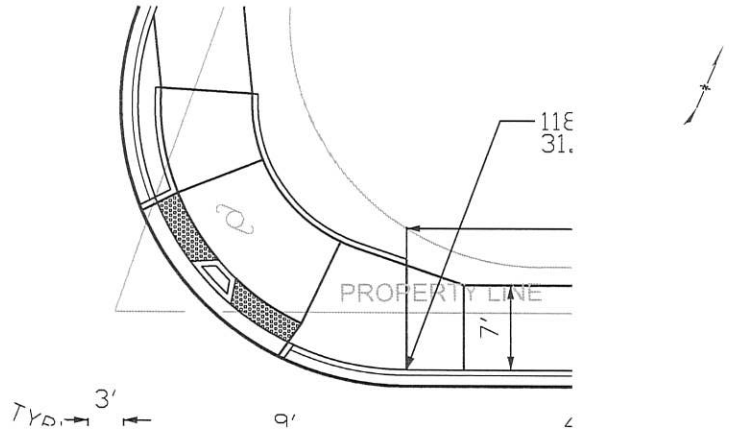
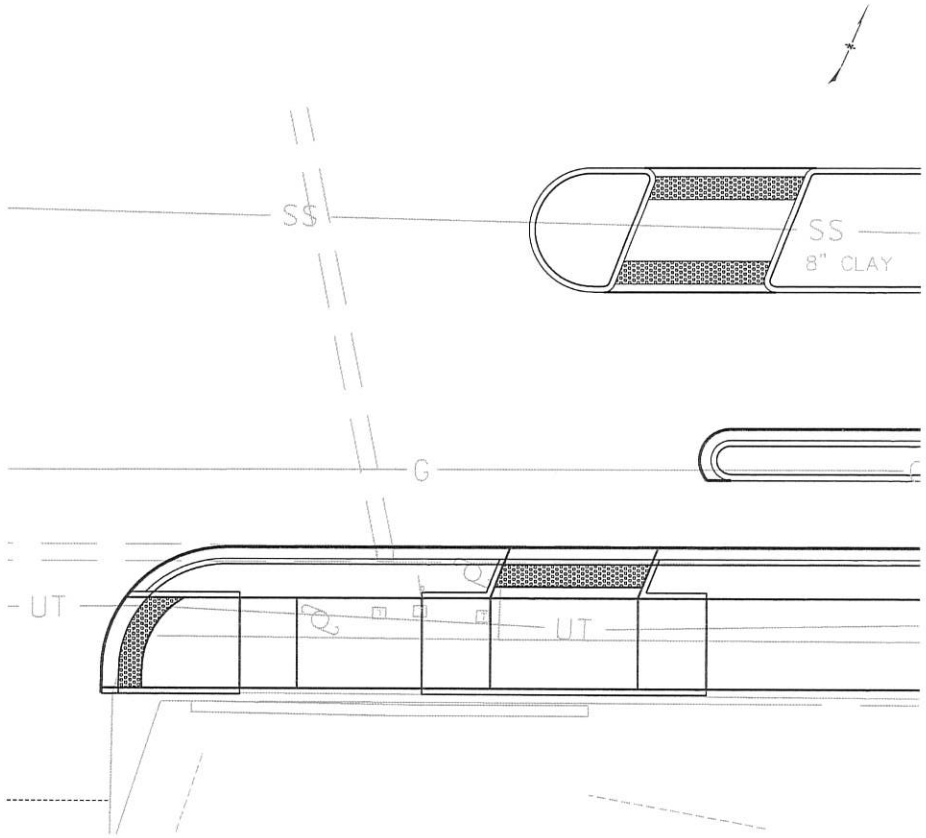
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	27



ST JOHN ST CROSSING
AT W. MAIN ST.



W. MAIN ST. & ST JOHN ST
NE CORNER



W. MAIN ST. & ST JOHN ST.
SW CORNER

Preliminary Not for Construction

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SCALE IN FEET
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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

CURB RAMP DETAILS
SHEET 6 OF 6

SCALE 1"= 10'

SHEET NO. 27

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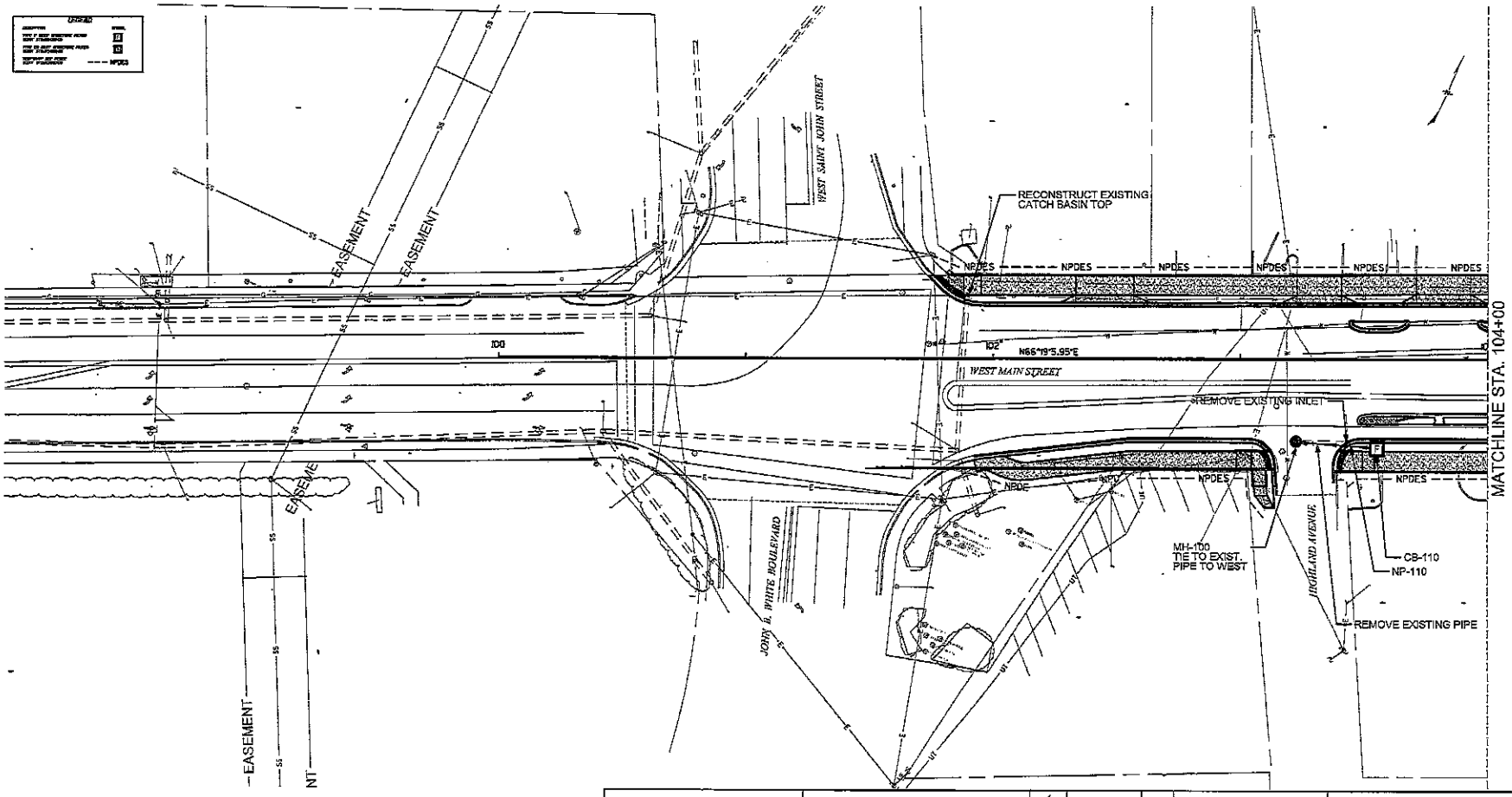
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	D-01



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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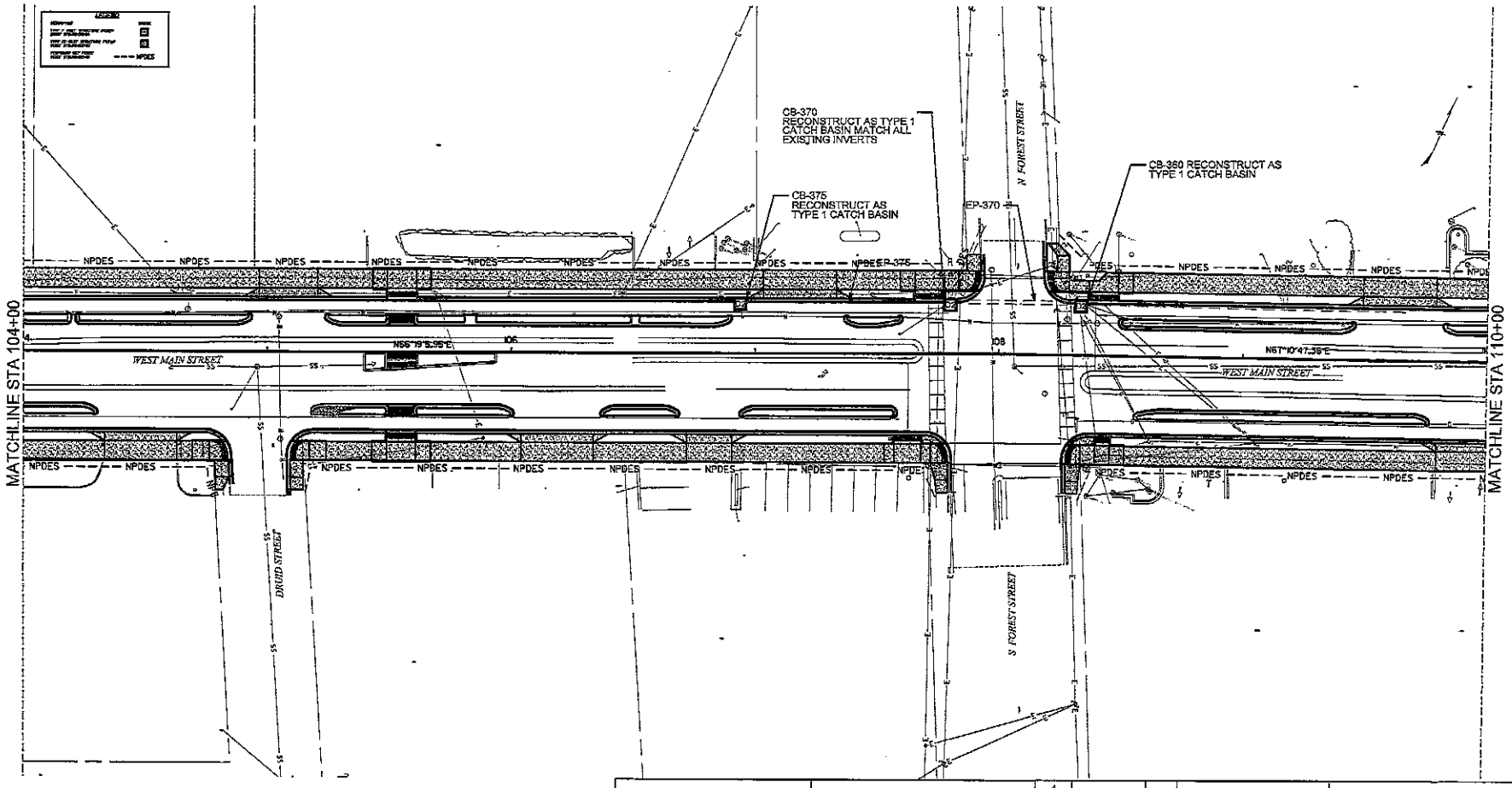
SQUAD

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

DRAINAGE
PLAN SHEET
1 OF 7

SCALE 1"= 20' RTE. S-3 DWG. NO. D-01

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	D-02



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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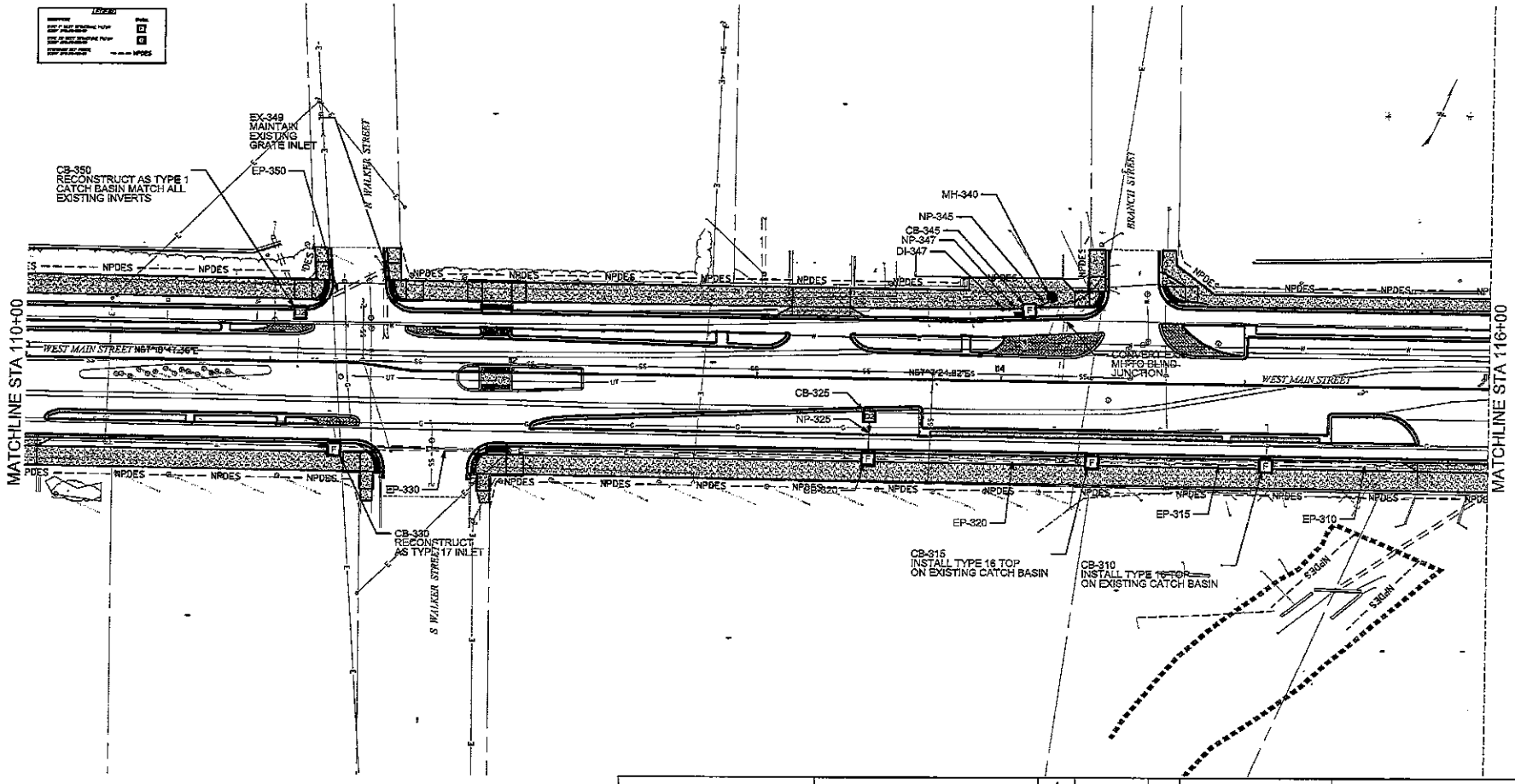
SQUAD

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

DRAINAGE
PLAN SHEET
2 OF 7

SCALE 1"= 30' RTE. S-3 DWG. NO. D-02

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	D-03



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

DRAINAGE
PLAN SHEET
3 OF 7

SCALE 1"= 30' | RTE. S-3 | DWG. NO. D-03

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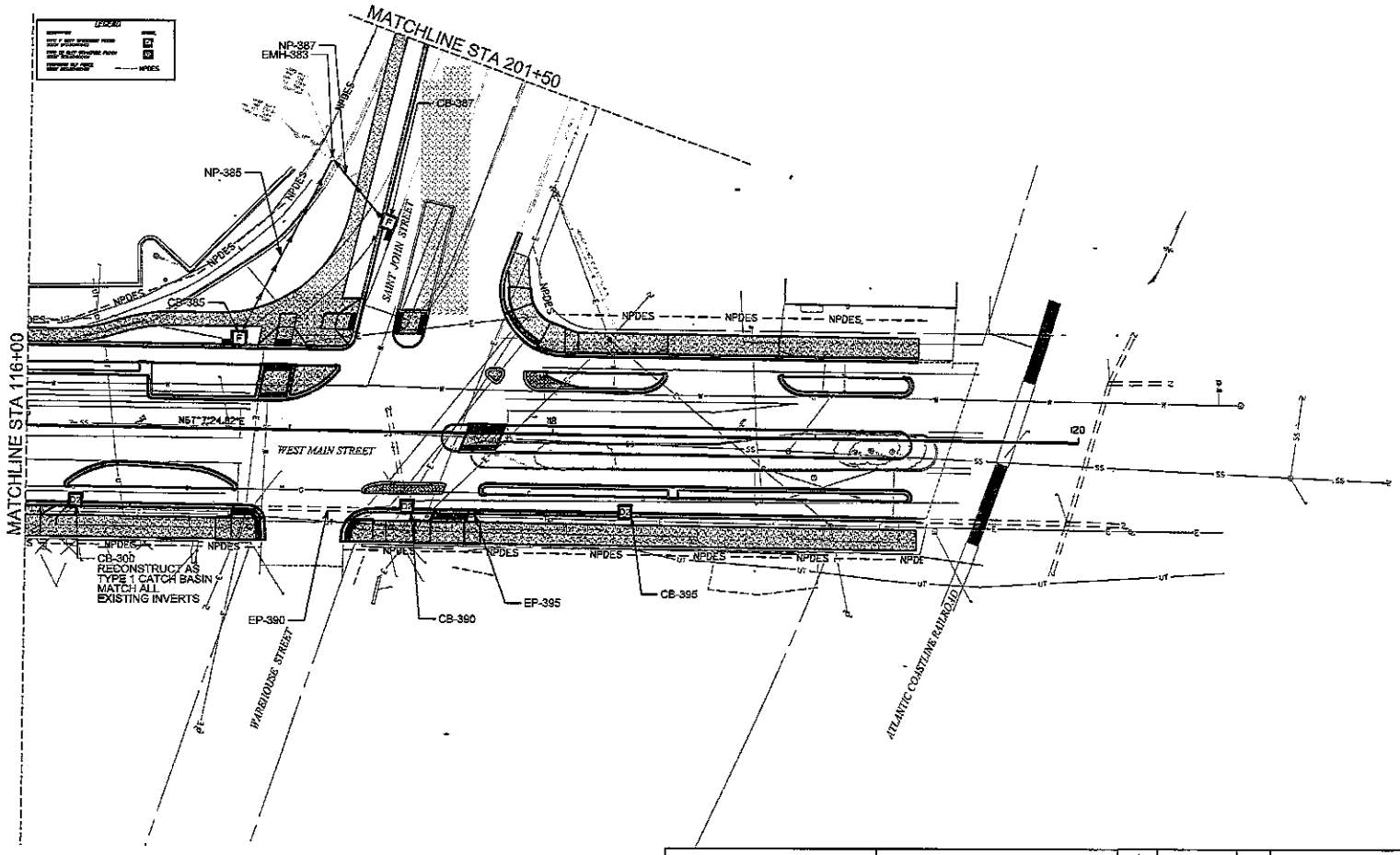
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	SLA	D-04



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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REV DATE

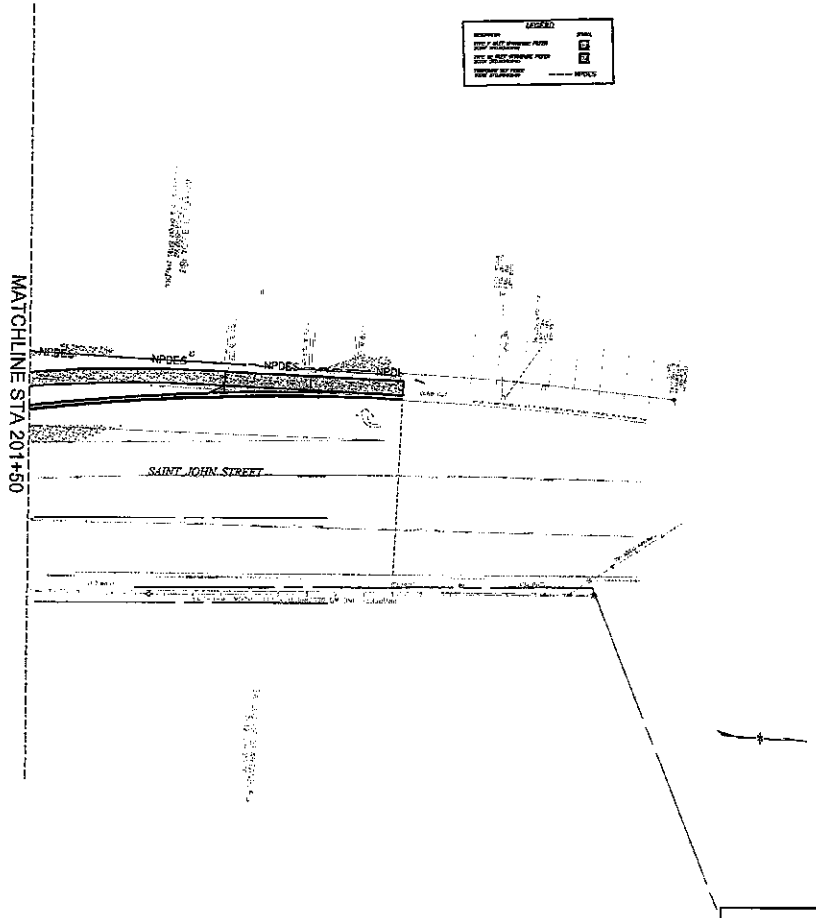
SQUAD

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

PLAN SHEET
OF 7

SCALE 1"= RTE. DWG. NO. D-04

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANSBURG	N/A	S-3	D-05



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TCPO. DATE
DWG. DATE
RW DATE

SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANSBURG, SC

DRAINAGE
PLAN SHEET
5 OF 7

SCALE 1"= 30' RTE. S-3 DWG. NO. D-05

$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	DUNE

		Smooth																					
		Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					
System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Node	Node	Node	Link Invert	Node	Node	Node	Link Invert	Min	Max	SPT "N"	Pressure	HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
100	NP-110	18	1	30.00	UNK	CB-110	C.B. TYPE 1*	103+55.36	759.70	MH-100	MANHOLE	113+22.05	Match Exist.	1.83	UNK		10	S		IV		16.00	
Note: NP-110 ties into an existing 15" pipe downstream																							
*Use bicycle safe grate per SCDOT Std. Dwg. 719-001-04																							
UNK= UNKNOWN																							

		Smooth																					
		Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					
System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Node	Node	Node	Link Invert	Node	Node	Node	Link Invert	Min	Max	SPT "N"	Pressure	HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
300	EP-395	18	1	81.00	UNK	CB-395	C.B. TYPE 1*	118+27.60	Match Exist.	CB-390	C.B. TYPE 1*	117+44.85	Match Exist.	0.93	2.43								
	NP-385	18	1	64.00	2.97	CB-385	C.B. TYPE 17	116+80.50	731.90	EMH-383	EXIST. MANHOLE	117+15.35	730.00	2.00	2.00		10			IV		16.00	
	NP-387	18	1	26.00	3.85	CB-387	C.B. TYPE 17	116+96.89	731.00	EMH-383	EXIST. MANHOLE	117+15.35	730.00	2.00	2.00		10			IV		16.00	
	EP-375	12	1	83.00	UNK	CB-375	C.B. TYPE 1*	105+93.73	Match Exist.	CB-370	C.B. TYPE 1*	107+80.02	Match Exist.	0.93	2.43								
	EP-370	15	1	90.00	UNK	CB-370	C.B. TYPE 1*	107+80.02	Match Exist.	CB-360	C.B. TYPE 1*	108+39.58	Match Exist.	3.36	4.86								
	EP-350	18	1	98.00	UNK	CB-350	C.B. TYPE 1*	111+12.18	Match Exist.	EX-349	EXIST. C.B. TYPE 1	111+48.79	Match Exist.	3.29	4.19								
	NP-347	18	1	9.00	1.11	DI-347	2'x2' JB w/18" GRATE	114+00.24	740.20	CB-345	C.B. TYPE 17	114+11.54	740.10	2.18	2.47		10			IV		16.00	
	NP-345	18	1	7.00	4.29	CB-345	C.B. TYPE 17	114+11.54	740.10	MH-340	MANHOLE, 5' DIA.	114+20.64	739.80	1.76	2.18		10			IV		16.00	
	EP-330	15	1	216.00	UNK	CB-330	C.B. TYPE 17	111+26.35	Match Exist.	CB-320	C.B. TYPE 18	113+45.79	Match Exist.	1.76	2.18								
	NP-325	18	1	14.00	2.29	CB-325	C.B. TYPE 1 MED.	113+46.73	743.70	CB-320	C.B. TYPE 18	113+45.79	743.38	2.00	2.18		10			IV		16.00	
	EP-320	15	1	88.00	UNK	CB-320	C.B. TYPE 18	113+45.79	Match Exist.	CB-315	C.B. TYPE 18	114+37.69	Match Exist.	2.18	3.36								
	EP-315	18	2	68.00	UNK	CB-315	C.B. TYPE 18	114+37.69	Match Exist.	CB-310	C.B. TYPE 18	115+08.87	Match Exist.	1.09	3.36								
	EP-310	24	1	106.00	UNK	CB-310	C.B. TYPE 18	115+08.87	Match Exist.	CB-300	C.B. TYPE 1, 5'x5' BOX	116+18.67	Match Exist.	1.00	1.88								
*Use bicycle safe grate per SCDOT Std. Dwg. 719-001-04																							
UNK= UNKNOWN																							

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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1			

TOPO. DATE
DWG. DATE
R/W DATE

SQUAD

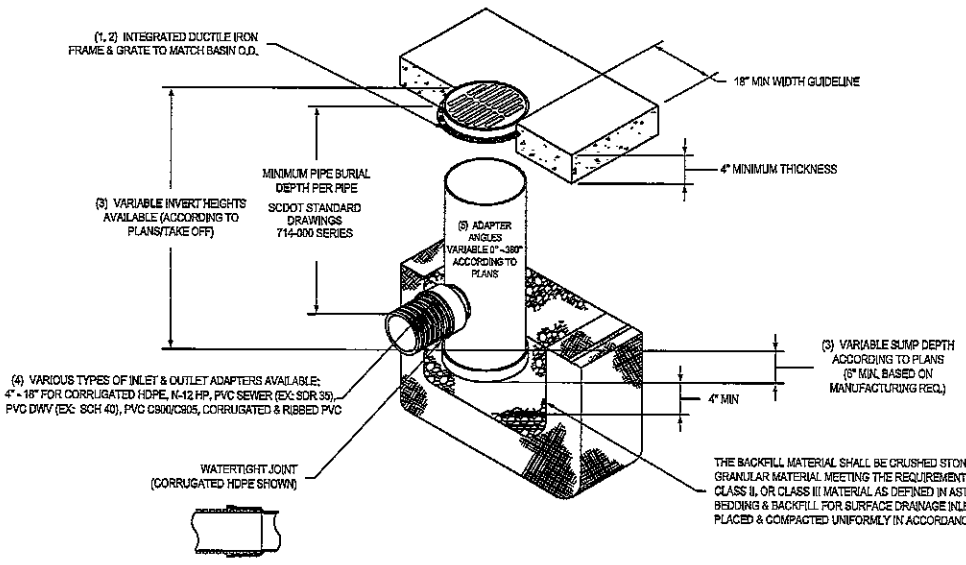
WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

DRAINAGE
PLAN SHEET
6 OF 7

SCALE 1"=30' RTE. S-3 DWG. NO. D-06

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S.A.	D-07

18" CIRCULAR GRATE INLET DETAIL



1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
4 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.

* CONSTRUCT THE SUBSTRUCTURE PER SCDOT STANDARD DETAIL 719-305-00
* ITEM WILL BE PAID FOR UNDER PAY ITEM 6271046 DROP INLET - SPECIAL

DRAINAGE STRUCTURE BOX TOP DETAIL

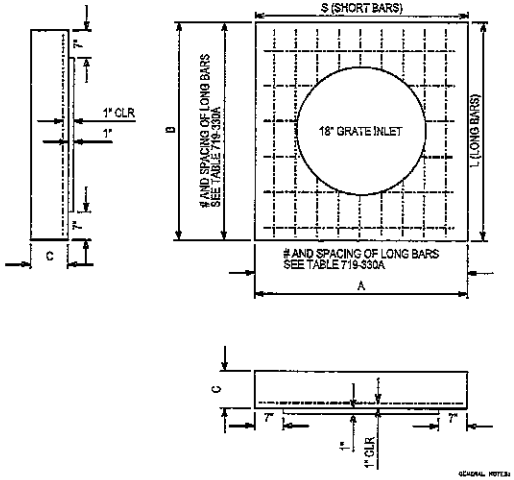


TABLE 719-330A

NAME	A	B	C	LONG BARS	L	SHORT BARS	#	LIST LBS	BAR AT CONCRETE
	(IN)	(IN)	(IN)	(SIZE) SIZE & SPACING	(SIZE) SIZE & SPACING		(#)	SY.	LBS. / CY.
2'-9" DB. TOP	26	26	5	(5) #4 BARS @ 7.5" O.C.	(5) #4 BARS @ 7.5" O.C.	32	4	17.5	0-15

* CONSTRUCT THE SUBSTRUCTURE PER SCDOT STANDARD DETAIL 719-305-00
* ITEM WILL BE PAID FOR UNDER PAY ITEM 6271046 DROP INLET - SPECIAL

GENERAL NOTES:

1. A MINIMUM OF CLASS AA/DOT CONCRETE SHALL BE USED. ALL MATERIALS IN THE CONCRETE MIXTURE SHALL BE FREE FROM ALKALI-SILICA REACTIVITY (ASR) AS DEFINED BY SCDOT SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).

2. REINFORCING STEEL SHALL BE ASTM A615/A615M-14, GRADE 60. ALL WIRE FABRIC SHALL BE ASTM A185/A185M-14. ALL WIRE BARS SHALL CONFORM TO ASTM A510-14 OR AISI 1010.

3. THE USE OF DIFFERENT METER BOX UNIT MATERIALS THE CONTRACTOR MUST INSTALL THE METER BOX IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. REFER TO THE DRAINAGE PLAN AND PROFILE DRAWINGS FOR ADDITIONAL DETAILS AND SPECIFICATIONS.

4. LIFT HOLES IN METER BOXES MAY BE PLACED AS NECESSARY FOR LIFTING BOXES. ALL LIFTING METHODS MUST MEET OSHA REGULATIONS.

5. THE CONTRACTOR SHALL USE A SINGLE SOURCE MANUFACTURER'S BOXES FROM THE PRODUCT LIST 14 FOR PRODUCTS OF THIS CHAPTER.

6. PRECAST MANUFACTURER SHALL FOLLOW GUARANTEE PROCEDURES.

7. CONTRACTOR MAY SUBMIT DESIGN DRAWINGS AND CALCULATIONS FOR METER BOX INSTALLATION TO A PROFESSIONAL ENGINEER FOR REVIEW. THE DESIGN DRAWINGS MUST MEET ALL ASTM, AASHTO, AND SCDOT SPECIFICATIONS. THE SUBMITTAL MUST BE SEALED AND BEARING THE ENGINEER'S SIGNATURE. THE CONTRACTOR MUST CONSIDERED COMPLIANT FOR REVIEW BY THE CHAPTER OF REQUIRED.

8. UPDATE METER INSTALLED METER AND PRECAST ITEMS TO BE CONSIDERED THAT THE METERS WITH A CLASS L (TYPE 3B) BOX MUST BE INSTALLED AS DEFINED BASED ITEM QUALIFIED PRODUCT LIST 14.

9. ANY LOCATION ABOVE THE GROUND INSTALLATION TANKS, THE METER BOX MUST BE INSTALLED AS DEFINED BASED ITEMS QUALIFIED PRODUCT LIST 14.

PAYMENT:

NO THE CONTRACT UNIT PRICE SHALL INCLUDE THE COSTS OF PROVIDING ALL MATERIALS AND LABOR NECESSARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS AS DEFINED IN THE SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
RW DATE

SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

PLAN SHEET
7 OF 7
DRAINAGE DETAIL

SCALE 1"= NTS RTE. DWG. NO. D-07

SCDOT
South Carolina Department of Transportation

EROSION CONTROL DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	SPARTANBURG		S-3	EC1

RECEIVING WATERS

ROAD / ROUTE	OUTFALL DITCH STATION	OUTFALL DITCH SIDE	NAME OF RECEIVING WATERS	NAME OF ULTIMATE RECEIVING WATERS
W. MAIN ST (S-3)	115+41	LT	SOUTH TYGER RIVER	FAIRFOREST CREEK

SOIL TYPES

ROAD / ROUTE	STATION TO STATION		SOIL PARTICLE SIZE (COARSE / FINE)	ZONE
W. MAIN ST. (S-3)	103+18	119+52	COARSE	PIEDMONT

TEMPORARY EROSION CONTROL BLANKET

ROAD / ROUTE	STATION TO STATION		SIDE	DEPTH OF BLANKET (FT)	DITCH BOTTOM WIDTH (FT)	SLOPES x : 1 FRONT	SLOPES x : 1 BACK	MSY
							TOTAL	

TURF REINFORCED MATTING (TRM)

ROAD / ROUTE	STATION TO STATION		SIDE	DEPTH OF MAT (FT)	SLOPES (x : 1) FRONT	SLOPES (x : 1) BACK	DITCH BOTTOM WIDTH (FT)	TYPE	TYPE 1 (MSY)	TYPE 2 (MSY)	TYPE 3 (MSY)
								TOTALS			

SEDIMENT TUBES IN DITCHES

ROAD / ROUTE	STATION TO STATION		SIDE	AVERAGE LENGTH	SPACING (FT)	TOTAL	COMMENTS
					TOTAL		

SEDIMENT DAM

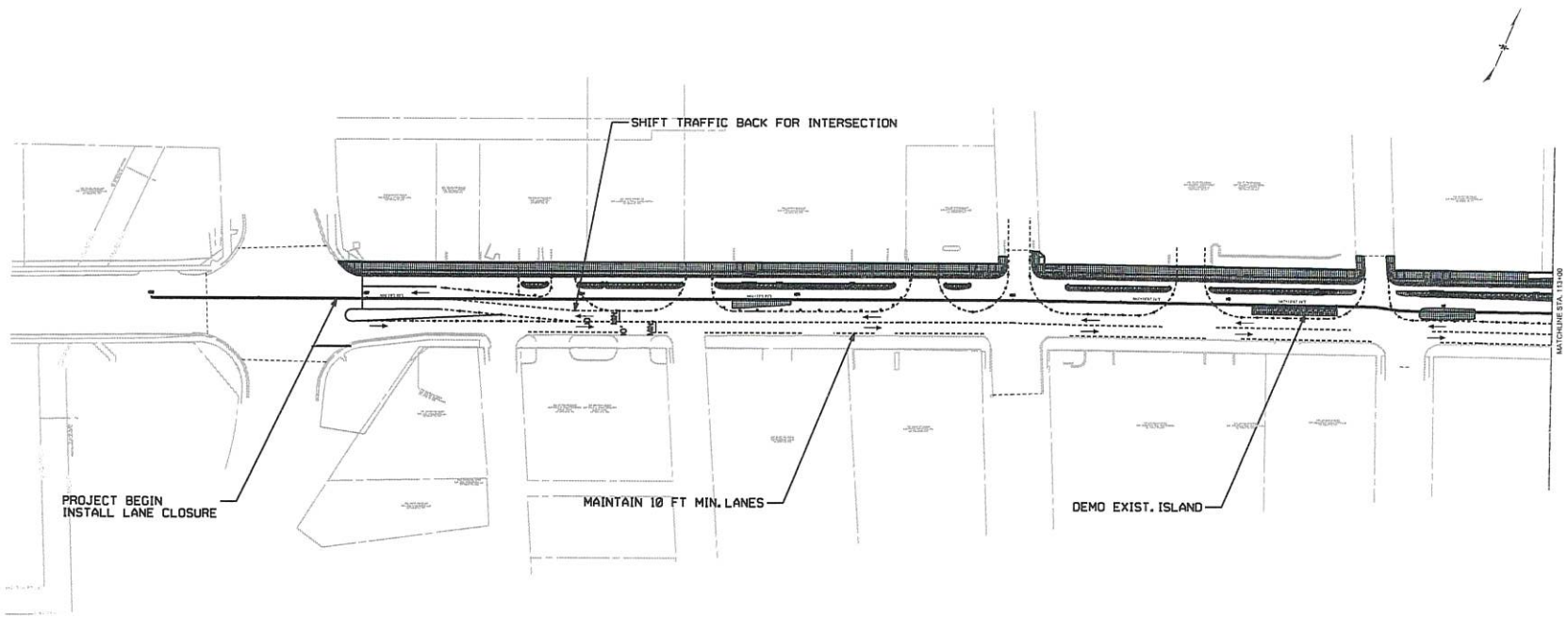
NO	ROAD / ROUTE	STATION	SIDE	DRAINED OR NOT DRAINED	LENGTH OF SILT BASIN	WIDTH OF SILT BASIN	DAM HEIGHT	SIDE SLOPE OF SILT BASIN	SPILLWAY BOTTOM WIDTH	DAM BOTTOM WIDTH	RIP RAP CLASS	TOTAL STORAGE VOLUME	SEDIMENT STORAGE HEIGHT	OUTFALL CHANNEL WIDTH	OUTFALL CHANNEL DEPTH	OUTFALL CHANNEL LENGTH

10/31/2023
L:\ACCdata\Projects\TIP\P0071\053_W_MAIN_ST_SPA\KT900_CAD_GIS\910_CADD\Design\W_MAIN_ST_EC\03.tif

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	TC 1

PHASE 1

MAINTENANCE OF TRAFFIC NOTES:
1. IMPLEMENT WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR WORK ZONE TRAFFIC CONTROL, AND MUTCD SECTION 6G.13 AND SECTION 6H TA-28 AND TA-29.
2. SEE SCDOT STANDARD DRAWING 610-515-00 FOR ROAD CLOSURE SIGNAGE.
3. CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN TO ENGINEER PRIOR TO BEGINNING WORK.



PHASE 1

SHIFT TRAFFIC TO SOUTHSIDE OF WEST MAIN ST.
CONSTRUCT MEDIANS FOR SEPARATED BIKE LANE ON NORTH SIDE.
CONSTRUCT SIDEWALKS, RAMPS, CURB AND GUTTER AND GRADING ON NORTH SIDE.

- DEMOLISH
- PATCH
- CONSTRUCTION
- BARREL
- ---- LANE GUIDANCE LINES
  - *USE FOR BARREL PLACEMENT, NOT TEMP. STRIPING

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
0 50 100 200

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

TRAFFIC CONTROL
PHASE 1
PLAN SHEET
1 OF 2

SCALE 1"= 50'

SHEET NO. TC 1

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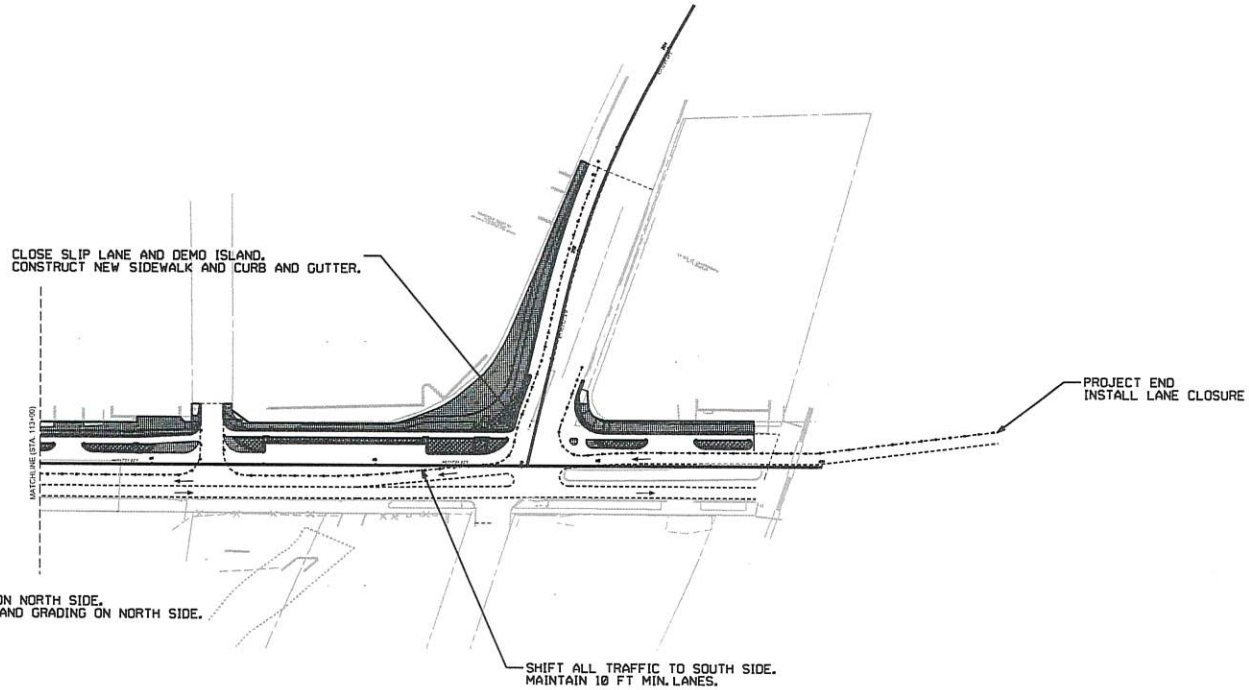
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	TC-2

PHASE 1

MAINTENANCE OF TRAFFIC NOTES:
1. IMPLEMENT WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR WORK ZONE TRAFFIC CONTROL, AND MUTCD SECTION 6G.13 AND SECTION 6H TA-28 AND TA-29.
2. SEE SCDOT STANDARD DRAWING 610-515-00 FOR ROAD CLOSURE SIGNAGE.
3. CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN TO ENGINEER PRIOR TO BEGINNING WORK.



PHASE 1:
SHIFT TRAFFIC TO SOUTHSIDE OF WEST MAIN ST.
CONSTRUCT MEDIANS FOR SEPARATED BIKE LANE ON NORTH SIDE.
CONSTRUCT SIDEWALKS, RAMPS, CURB AND GUTTER AND GRADING ON NORTH SIDE.

DEMOLISH
CONSTRUCTION
BARREL
---- LANE GUIDANCE LINES
*USE FOR BARREL PLACEMENT, NOT TEMP. STRIPING

0 25' 50' 100'
SCALE : 1" = 50'

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO DATE
DWG. DATE SQUAD -
R/W DATE

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

TRAFFIC CONTROL
PHASE 1
PLAN SHEET
2 OF 2

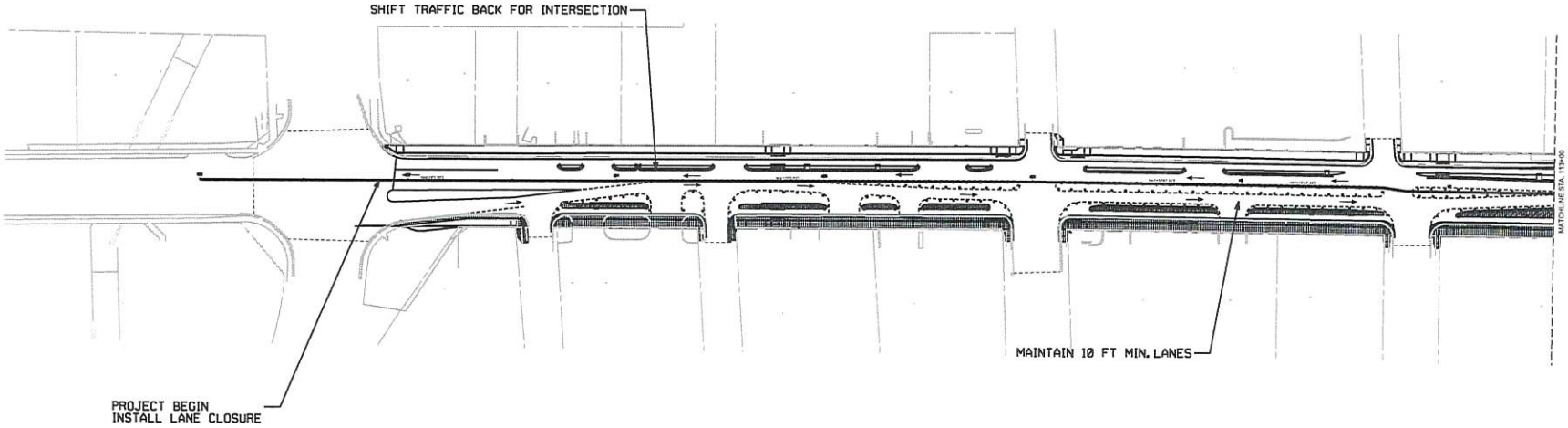
SCALE 1"= 50' SHEET NO. TC 2

RTE. DWG. NO.

$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	TC 3

MAINTENANCE OF TRAFFIC NOTES:
1. IMPLEMENT WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR WORK ZONE TRAFFIC CONTROL, AND MUTCD SECTION 6G.13 AND SECTION 6H TA-28 AND TA-29.
2. CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN TO ENGINEER PRIOR TO BEGINNING WORK.



PHASE 2:
SHIFT TRAFFIC TO NORTHSIDE OF WEST MAIN ST.
CONSTRUCT MEDIANS FOR SEPARATED BIKE LANE ON SOUTH SIDE.
CONSTRUCT SIDEWALKS, RAMPS, CURB AND GUTTER AND GRADING ON SOUTH SIDE.

DEMOLISH
CONSTRUCTION
BARREL
---- LANE GUIDANCE LINES
*USE FOR BARREL PLACEMENT, NOT TEMP. STRIPING

0 25' 50' 100'
SCALE : 1" = 50'

Preliminary Not for Construction

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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
DWG. DATE
RW DATE
SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

TRAFFIC CONTROL
PHASE 2
PLAN SHEET
1 OF 2

SCALE 1"=50'
SHEET NO. TC 3

$$user$$
$$$$$$pathsssssssssfilenamessssssss
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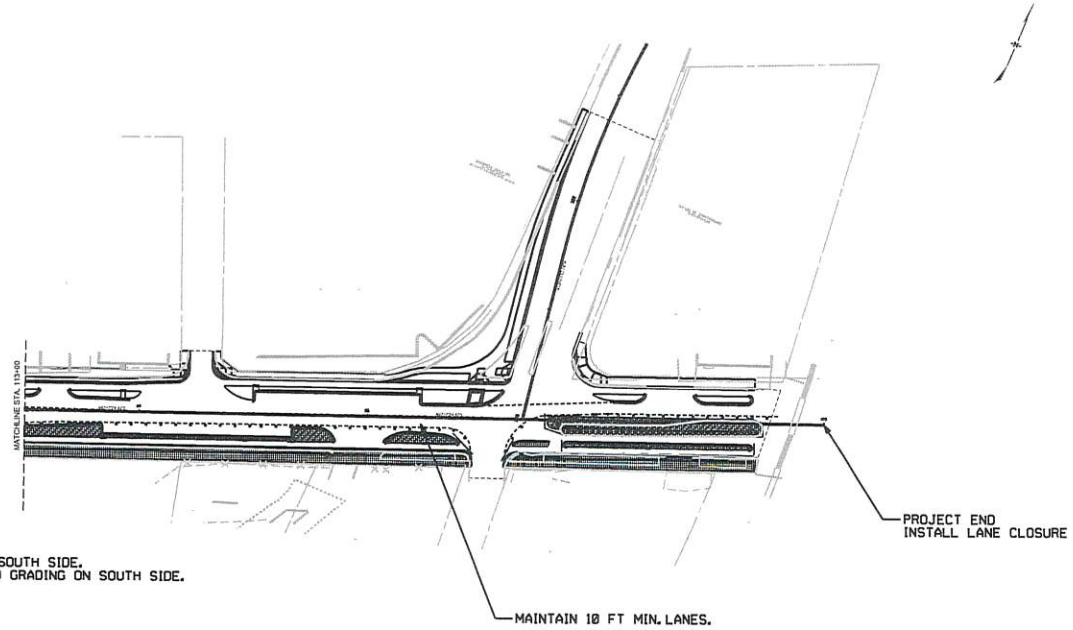
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	TC 4

MAINTENANCE OF TRAFFIC NOTES:
1. IMPLEMENT WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR WORK ZONE TRAFFIC CONTROL, AND MUTCD SECTION 6G.13 AND SECTION 6H TA-28 AND TA-29.
2. CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN TO ENGINEER PRIOR TO BEGINNING WORK.



PHASE 2:
SHIFT TRAFFIC TO NORTH SIDE OF WEST MAIN ST.
CONSTRUCT MEDIANS FOR SEPARATED BIKE LANE ON SOUTH SIDE.
CONSTRUCT SIDEWALKS, RAMPS, CURB AND GUTTER AND GRADING ON SOUTH SIDE.

- DEMOLISH
- PATCH
- CONSTRUCTION
- BARREL
- ---- LANE GUIDANCE LINES
  *USE FOR BARREL PLACEMENT, NOT TEMP. STRIPING

0 25' 50' 100'
SCALE: 1" = 50'

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

TRAFFIC CONTROL
PHASE 2
PLAN SHEET
2 OF 2

SCALE 1"=50'

SHEET NO. TC 4

$$user=$$
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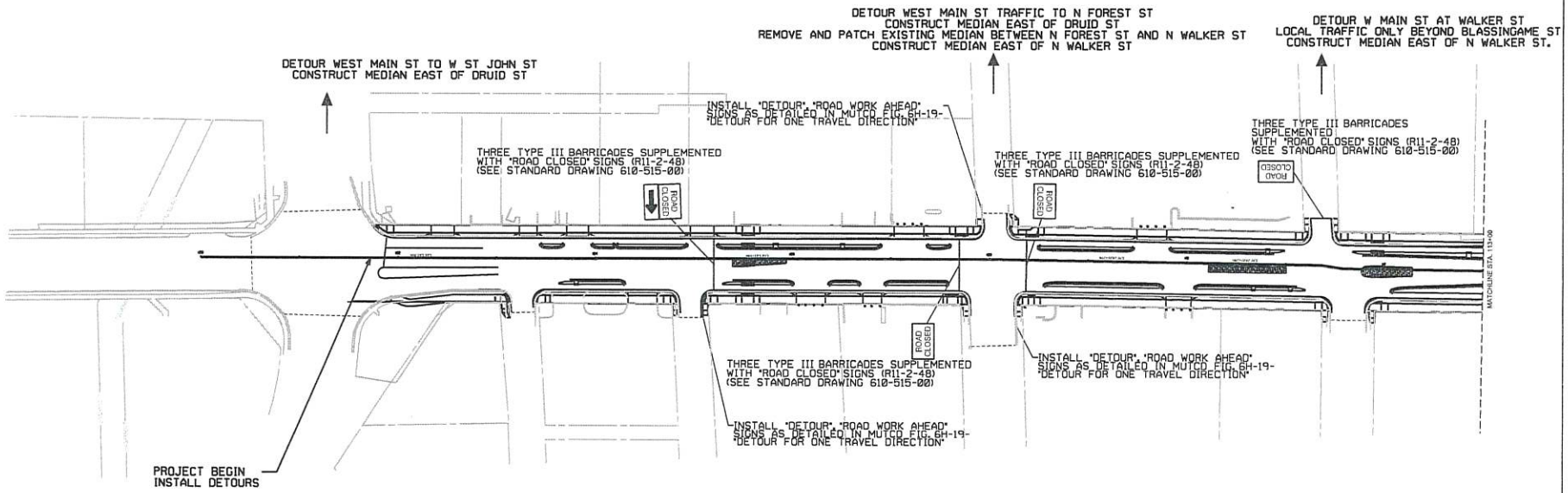
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	TC-6

MAINTENANCE OF TRAFFIC NOTES:
1. IMPLEMENT WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR WORK ZONE TRAFFIC CONTROL, AND MUTCD SECTION 6G.13 AND SECTION 6H TA-28 AND TA-29.
2. CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN TO ENGINEER PRIOR TO BEGINNING WORK.



PHASE 3:
DETOUR TRAFFIC ON WEST MAIN ST TO SIDE STREETS TO CONSTRUCT NEW MEDIAN ISLANDS.

- DEMOLISH
- PATCH
- CONSTRUCTION
- BARREL
- ---- LANE GUIDANCE LINES
  *USE FOR BARREL PLACEMENT, NOT TEMP. STRIPING

0 25' 50' 100'
SCALE: 1" = 50'

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
R/W DATE
SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

TRAFFIC CONTROL
PHASE 3
PLAN SHEET
1 OF 2

SCALE 1"=50' SHEET NO. TC 6

$$user$$
$$$$$$pathsssssssssfilenamessssssss
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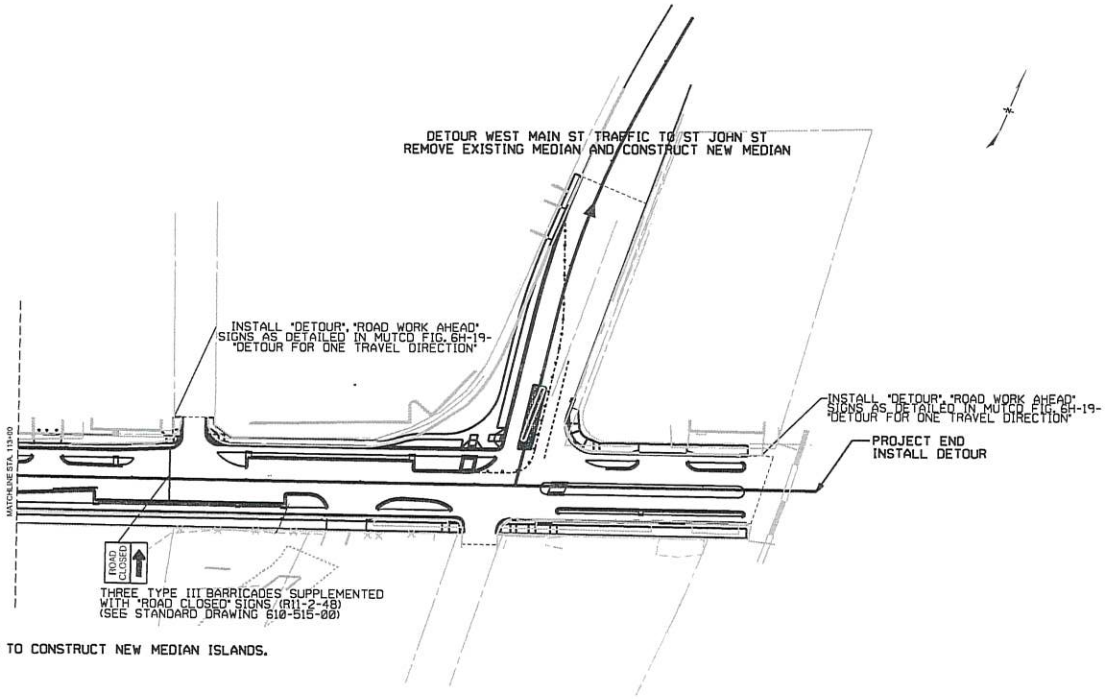
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	TC-6

MAINTENANCE OF TRAFFIC NOTES:
1. IMPLEMENT WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH THE SCDOT STANDARD DRAWINGS FOR WORK ZONE TRAFFIC CONTROL, AND MUTCD SECTION 6C.13 AND SECTION 6H TA-28 AND TA-29.
2. CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN TO ENGINEER PRIOR TO BEGINNING WORK.



PHASE 3:
DETOUR TRAFFIC ON WEST MAIN ST TO SIDE STREETS TO CONSTRUCT NEW MEDIAN ISLANDS.

- DEMOLISH
- CONSTRUCTION
- BARREL
- ---- LANE GUIDANCE LINES
  *USE FOR BARREL PLACEMENT, NOT TEMP. STRIPING

0 25' 50' 100'
SCALE: 1" = 50'

Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. DATE
DWG. DATE
RAW DATE

SQUAD -

WEST MAIN STREET
PHASE 1
SPARTANBURG, SC

TRAFFIC CONTROL
PHASE 3
PLAN SHEET
2 OF 2

SCALE 1"=50'

SHEET NO. TC 6

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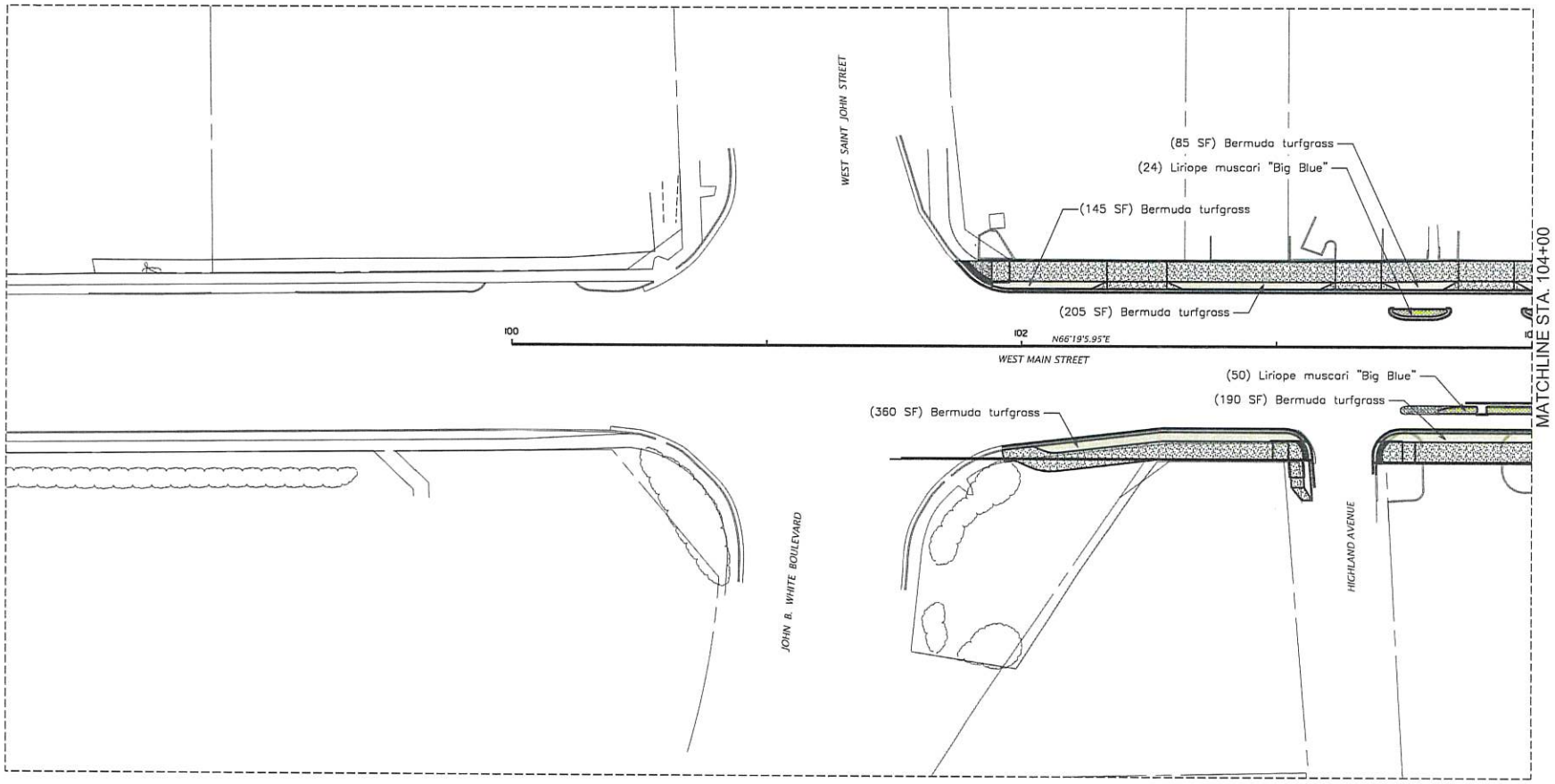
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	L1



Preliminary Not for Construction

All drawings are instruments of professional service. Reuse or alteration is at the user's sole risk.

SCALE IN FEET
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TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

LANDSCAPING
PLAN SHEET
1 OF 5

SCALE 1"= 20'

SHEET NO. L1

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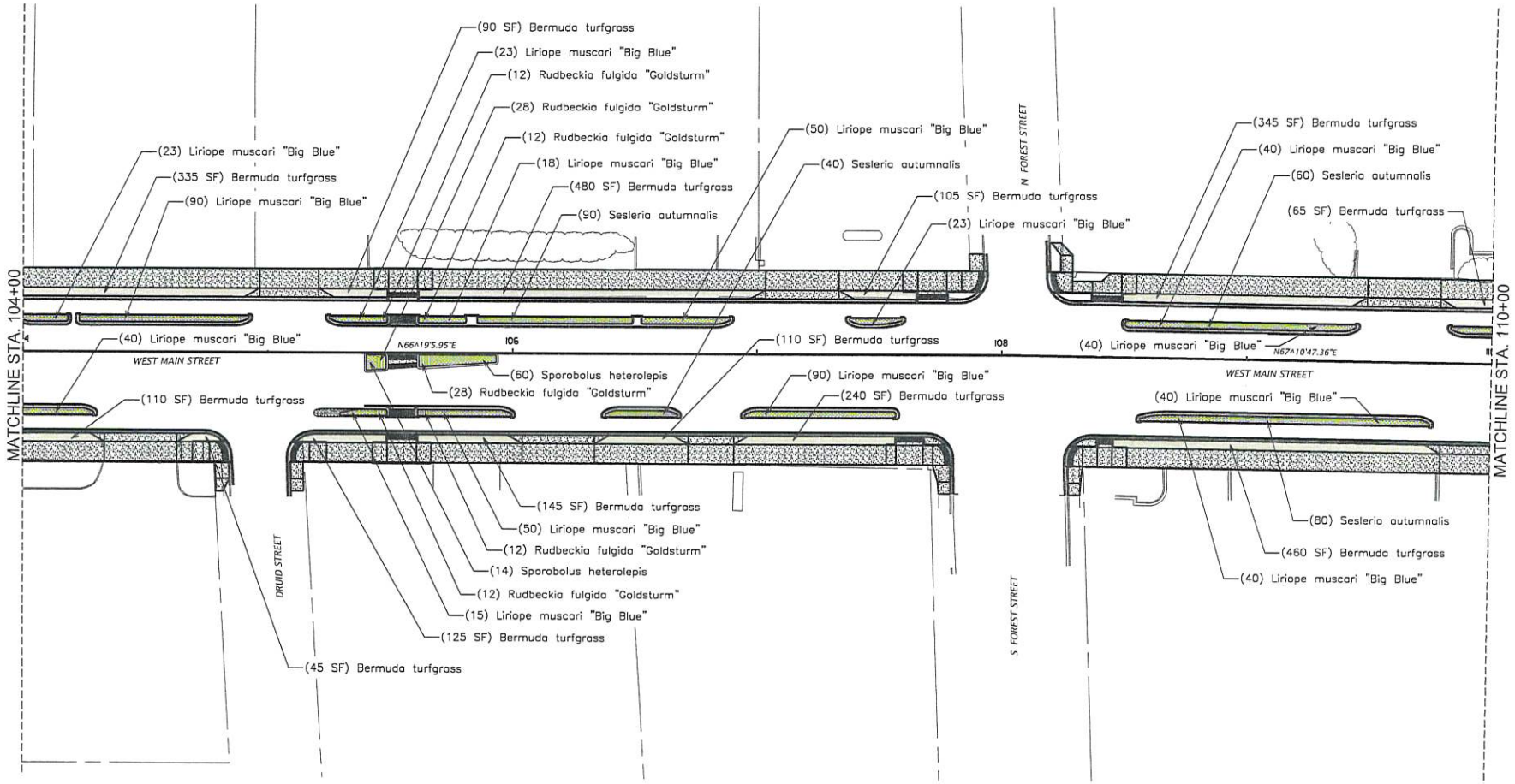
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	N-S	L2



Preliminary Not for Construction

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SCALE IN FEET
0 20 40 80

TOOLE DESIGN

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. DATE
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SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

LANDSCAPING PLAN SHEET
2 OF 5

SCALE 1"= 20'

SHEET NO. L2

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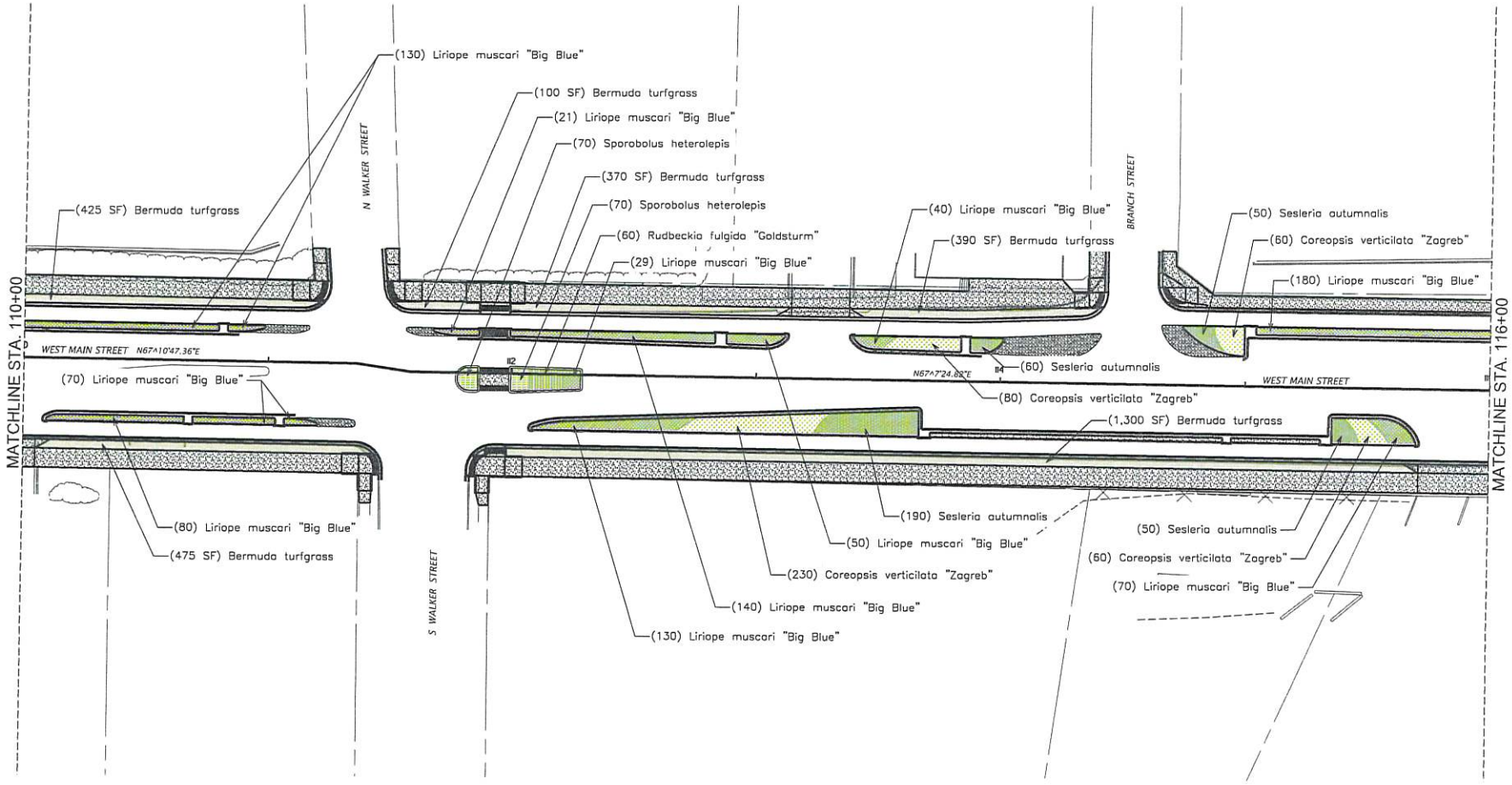
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	L3



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SCALE IN FEET
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SQUAD -

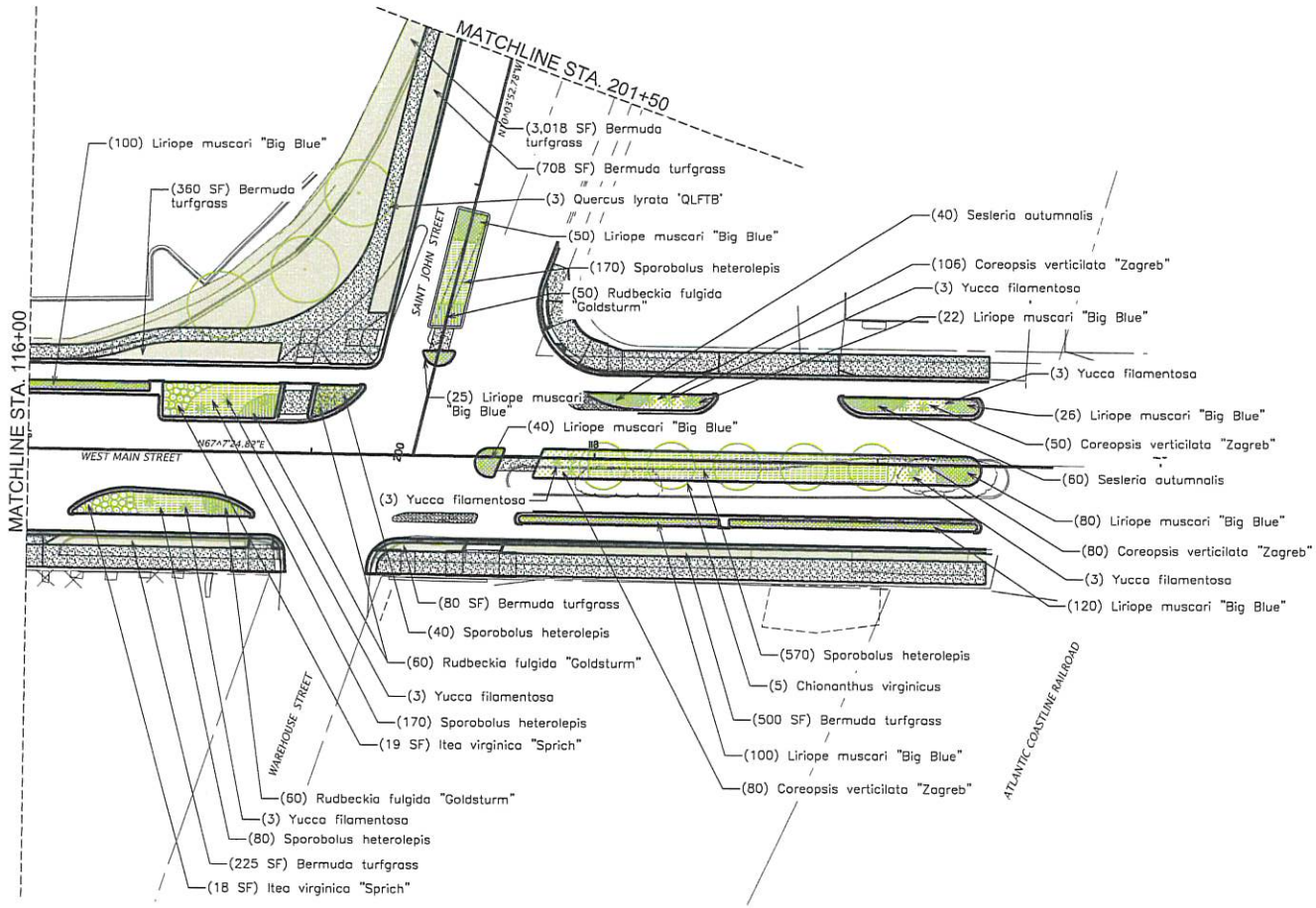
WEST MAIN STREET
PHASE
SPARTANBURG, SC

LANDSCAPING
PLAN SHEET
3 OF 5

SCALE 1"= 20'

SHEET NO. L3

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	L4



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SCALE IN FEET
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SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

LANDSCAPING PLAN SHEET
4 OF 5

SCALE 1"= 20'

SHEET NO. L4

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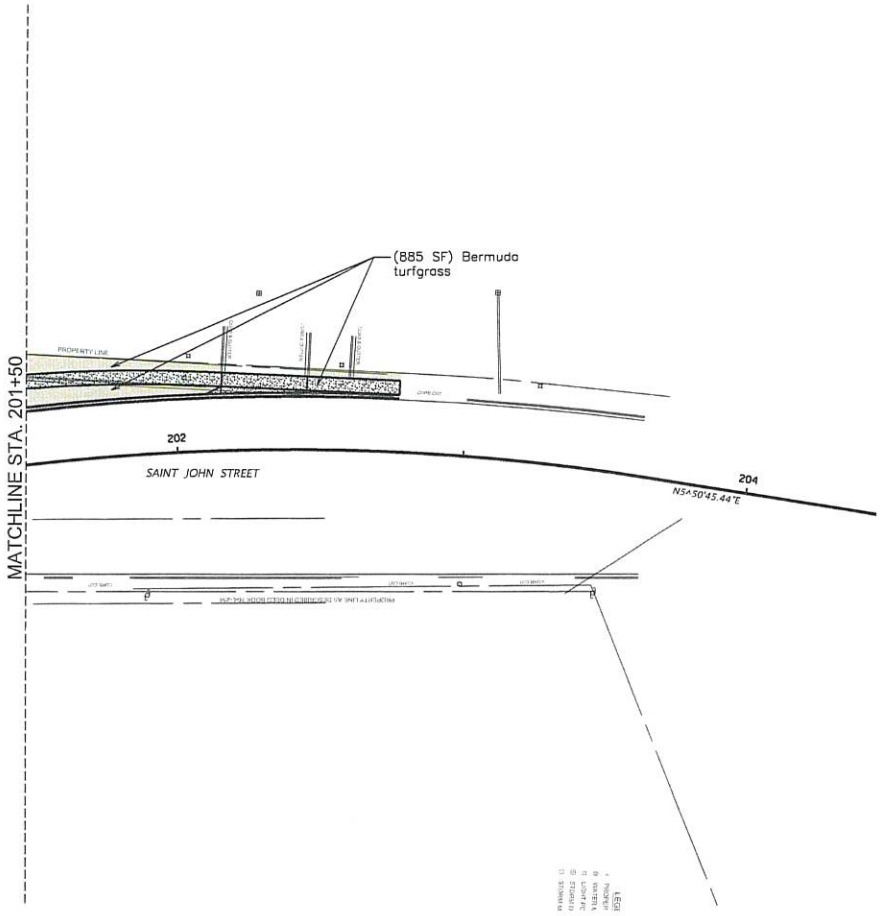
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	L5



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SCALE IN FEET
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SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

LANDSCAPING PLAN SHEET
5 OF 5

SCALE 1"= 20' SHEET NO. L5

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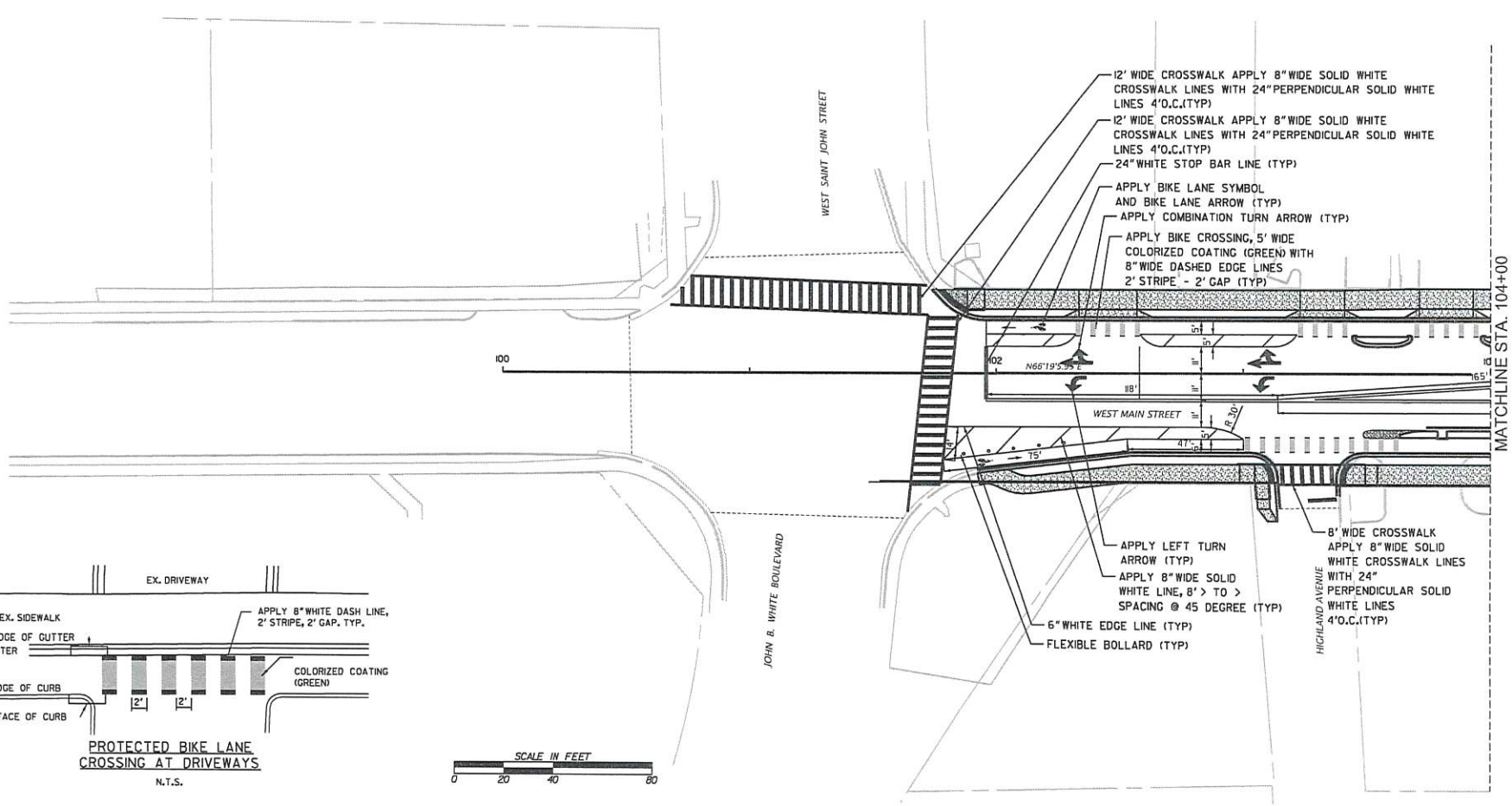
STATE	COUNTY	PROJECT NO	ROUTE NO	SHEET NO
SC	SPARTANBURG	N/A	S-3	PM1



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TOOLE DESIGN

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WEST MAIN STREET PHASE
SPARTANBURG, SC

PAVEMENT MARKINGS PLAN SHEET
1 OF 5

SCALE 1"= 20'

SHEET NO. PM1

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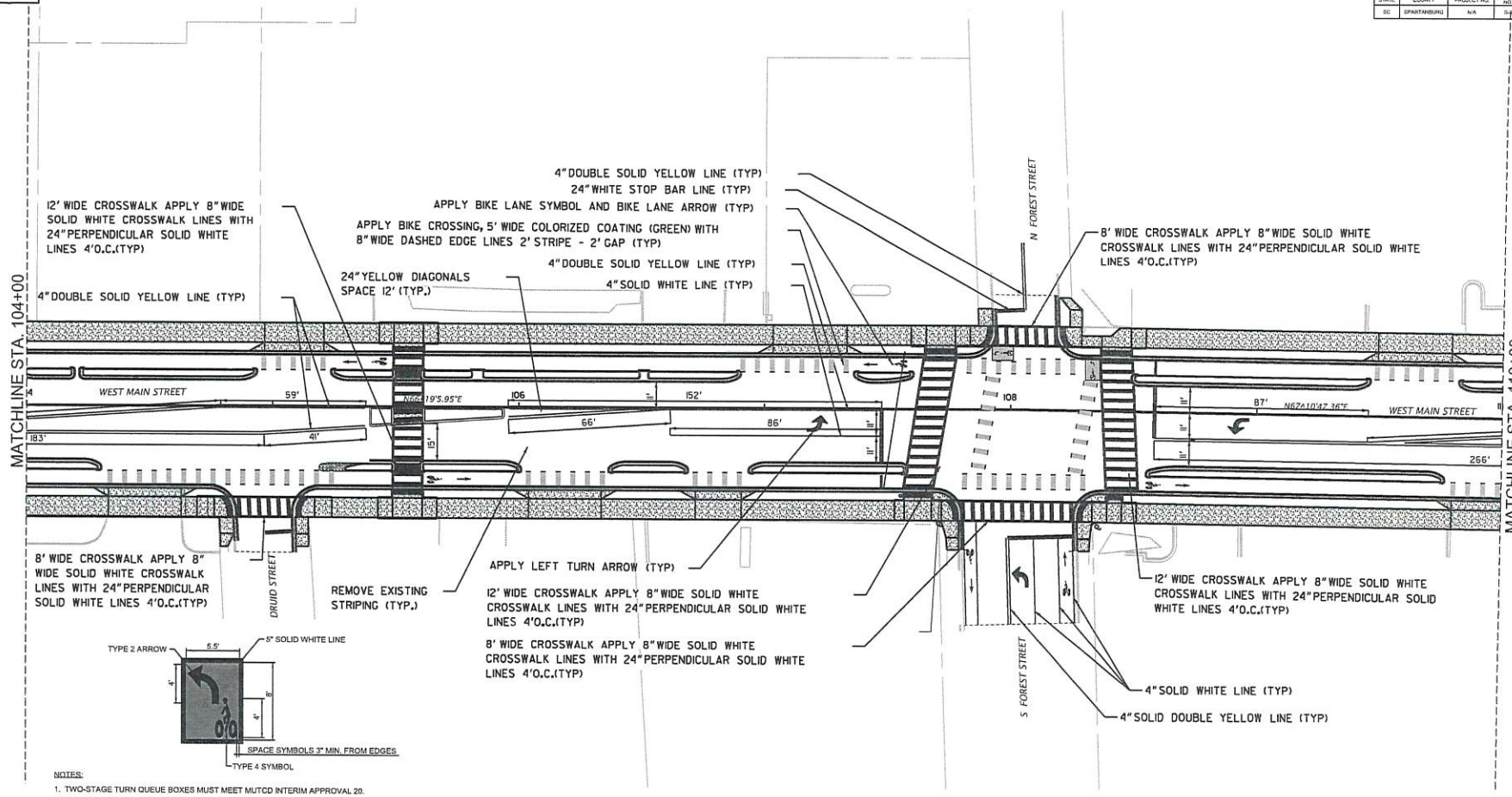
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	N/A	PM2



NOTES:

1. TWO-STAGE TURN QUEUE BOXES MUST MEET MUTCD INTERIM APPROVAL 20.
2. WHEN A THERMOPLASTIC MARKING IS LOCATED WITHIN COLORED PAVEMENT, THE CONTRACTOR SHOULD AFFIX THE THERMOPLASTIC MARKING TO THE PAVEMENT PRIOR TO APPLYING MMA OR OTHER APPROVED GREEN AREA PAINT. ONCE MARKINGS ARE SETTLED, IT SHOULD BE PROTECTED TO PREVENT FROM POTENTIAL PAINT STAINS.
3. SEE GDOT STANDARD DETAILS T-12B AND T-16 FOR ARROW AND SYMBOL DIMENSIONAL PROPORTIONS. USE 4' HEIGHT SYMBOLS PER THIS DETAIL SHEET.

TWO-STAGE TURN QUEUE BOX
N.T.S.

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SCALE IN FEET
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

PAVEMENT MARKINGS
PLAN SHEET
2 OF 5

SCALE 1"= 20'

SHEET NO. PM2

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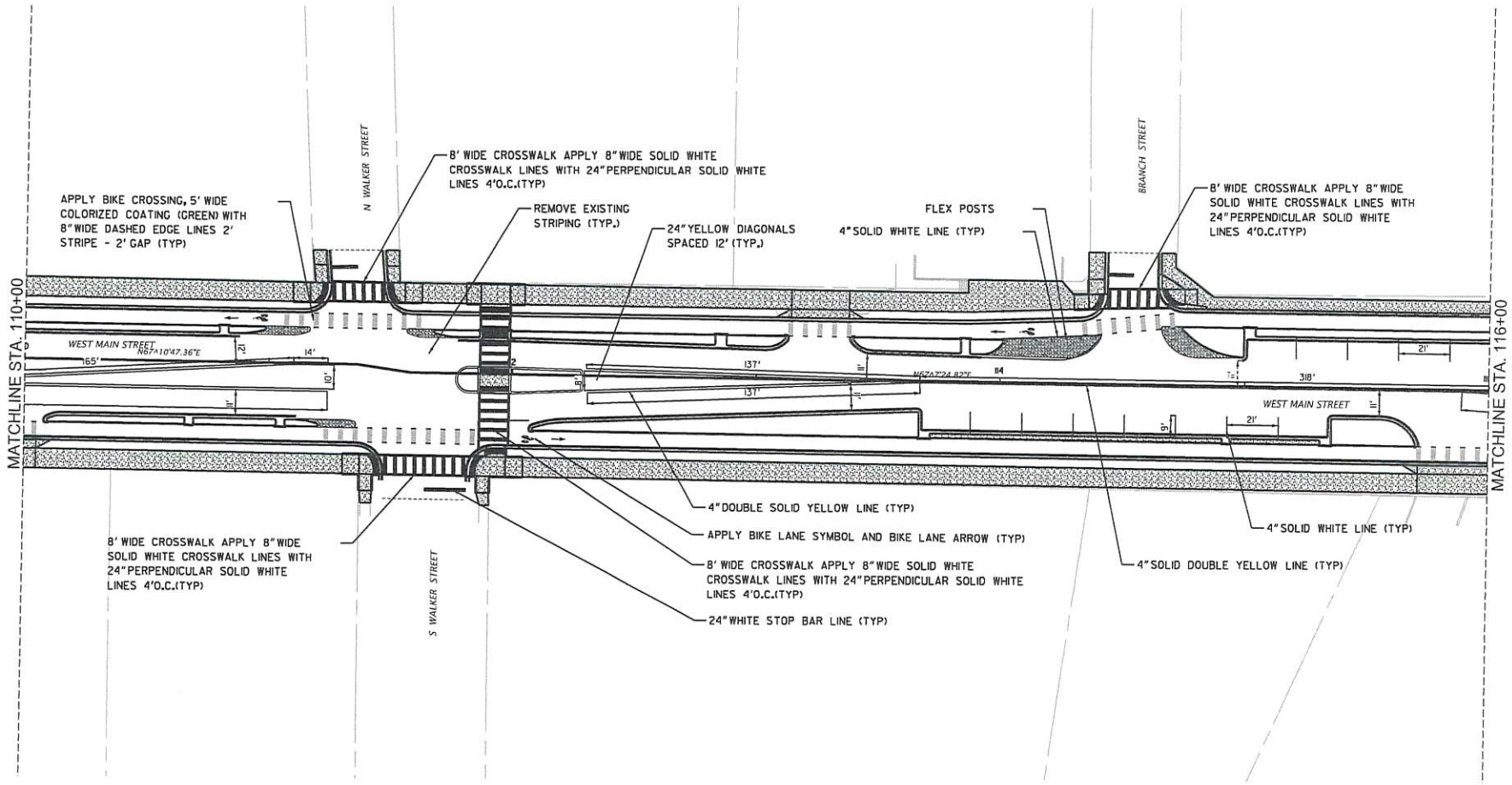
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	PM3



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SCALE IN FEET
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

PAVEMENT MARKINGS
PLAN SHEET
3 OF 5

SCALE 1"= 20'

SHEET NO. PM3

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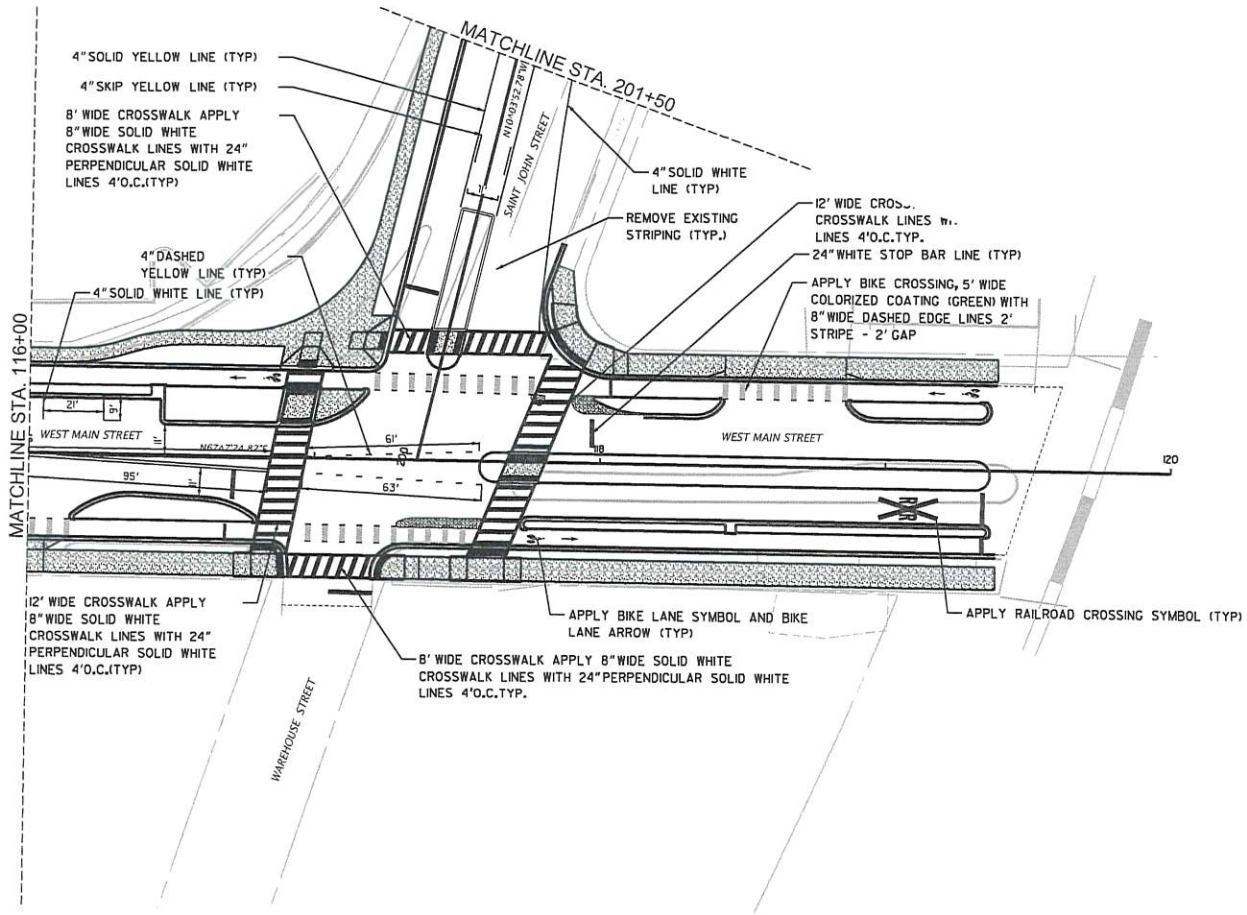
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	SJ-3	PM4



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SCALE IN FEET
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

PAVEMENT MARKINGS
PLAN SHEET
4 OF 5

SCALE 1"= 20'

SHEET NO. PM4

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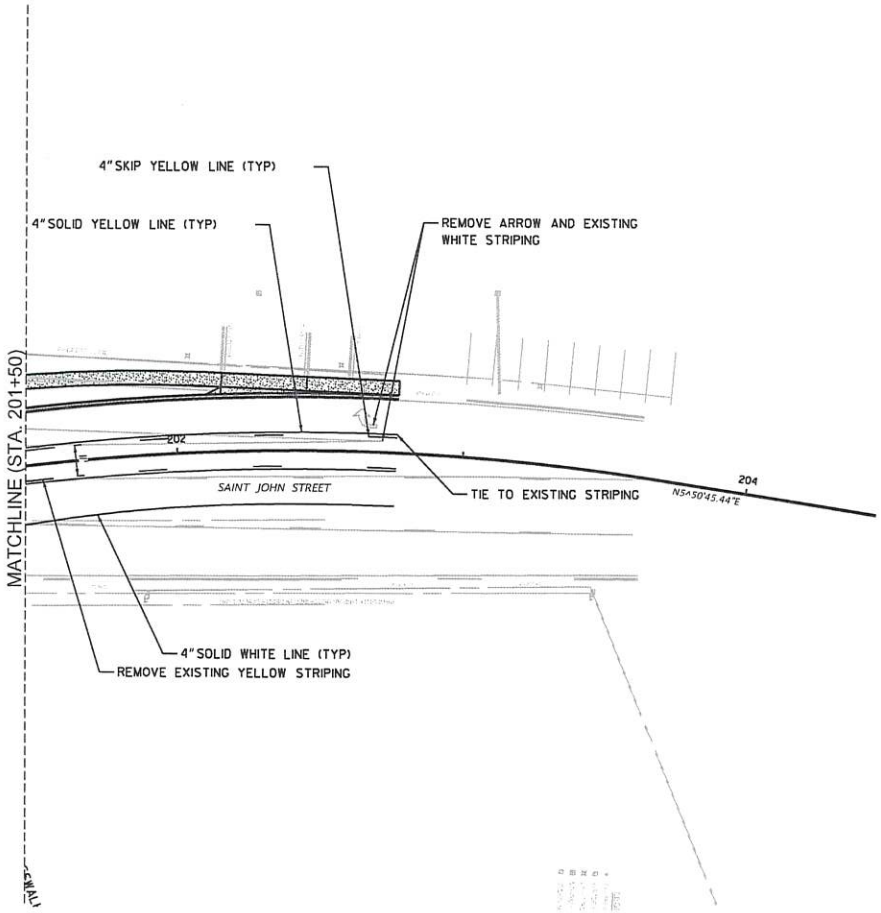
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	I-85	PM5



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SCALE IN FEET
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

PAVEMENT MARKINGS
PLAN SHEET
5 OF 5

SCALE 1"= 20'

SHEET NO. PM5

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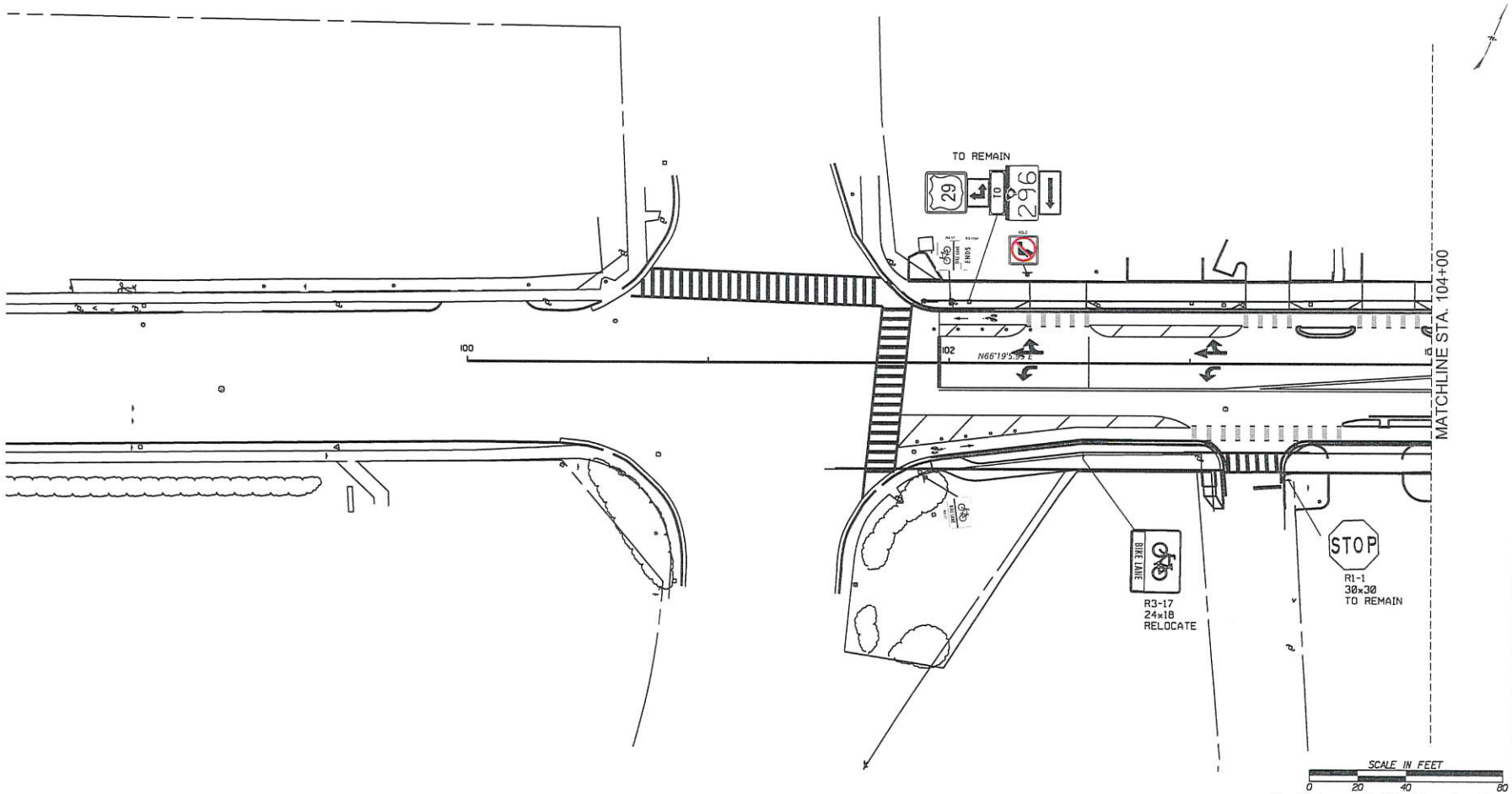
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	SN1



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SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

SIGNING PLAN SHEET 1 OF 5

SCALE 1"= 20'

SHEET NO. SN1

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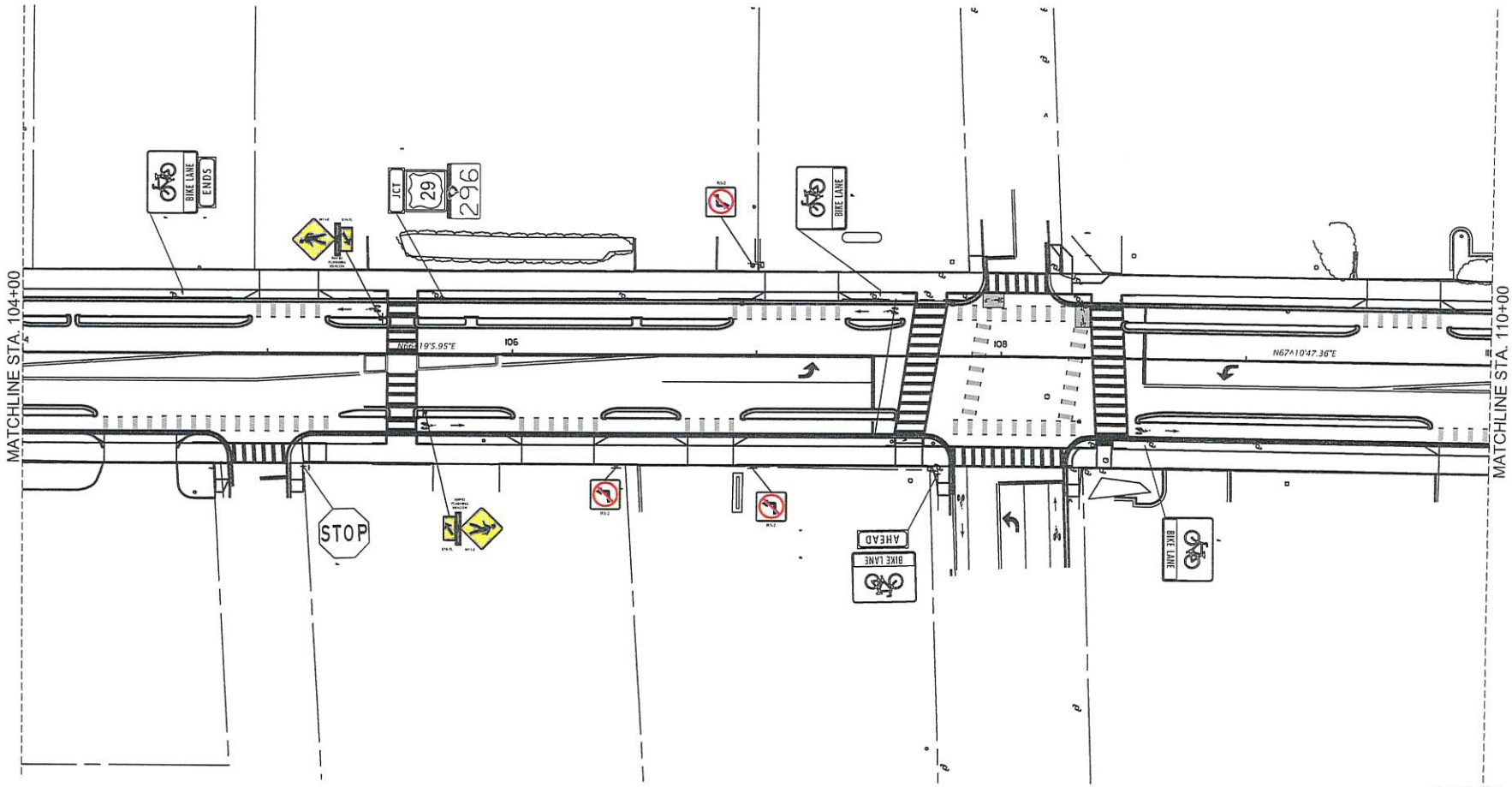
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	SN2



SCALE IN FEET
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

SIGNING
PLAN SHEET
2 OF 5

SCALE 1"= 20'

SHEET NO. SN2

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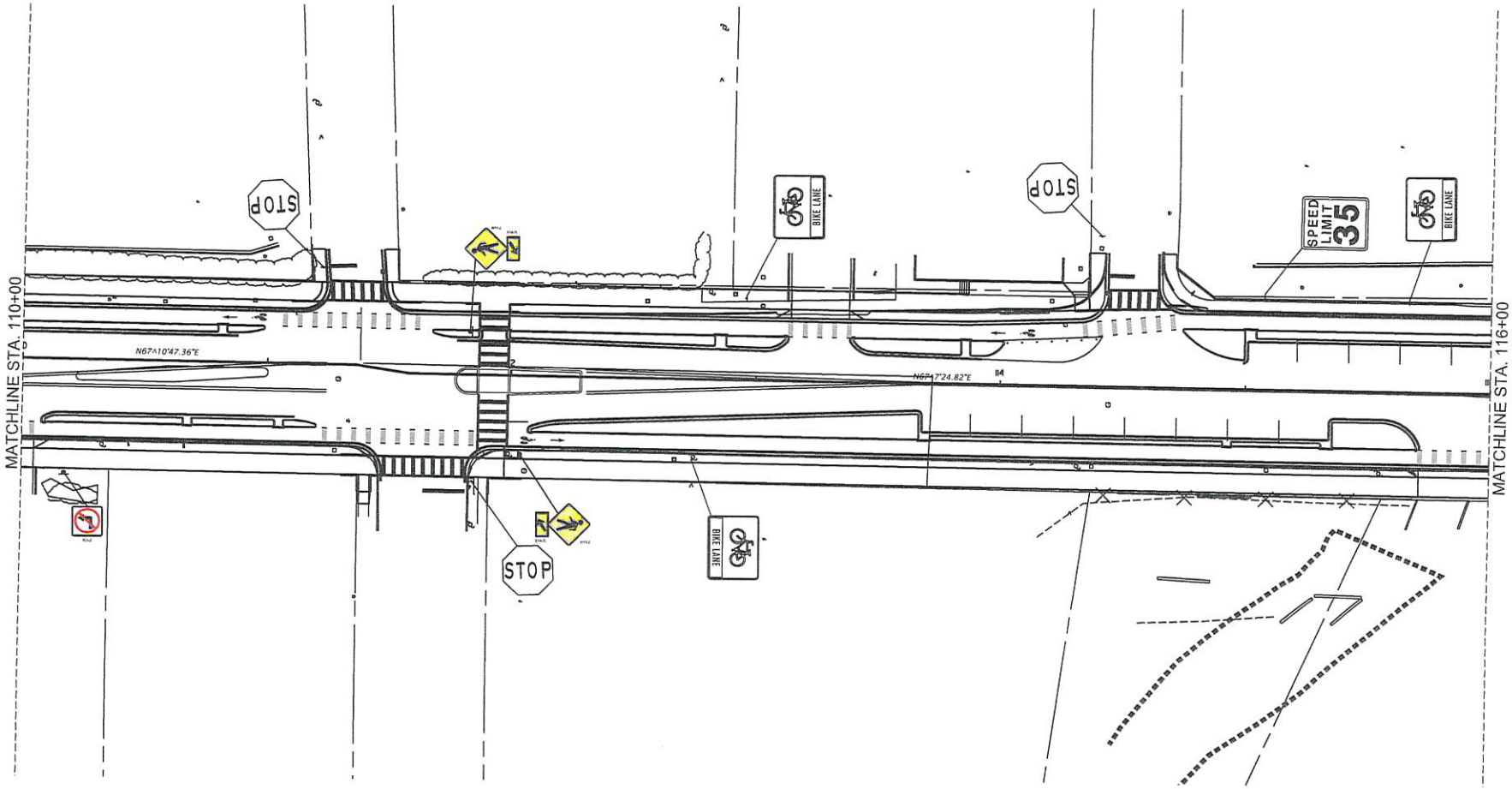
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	SN3



SCALE IN FEET
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SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

SIGNING PLAN SHEET 3 OF 5

SCALE 1"= 20'

SHEET NO. SN3

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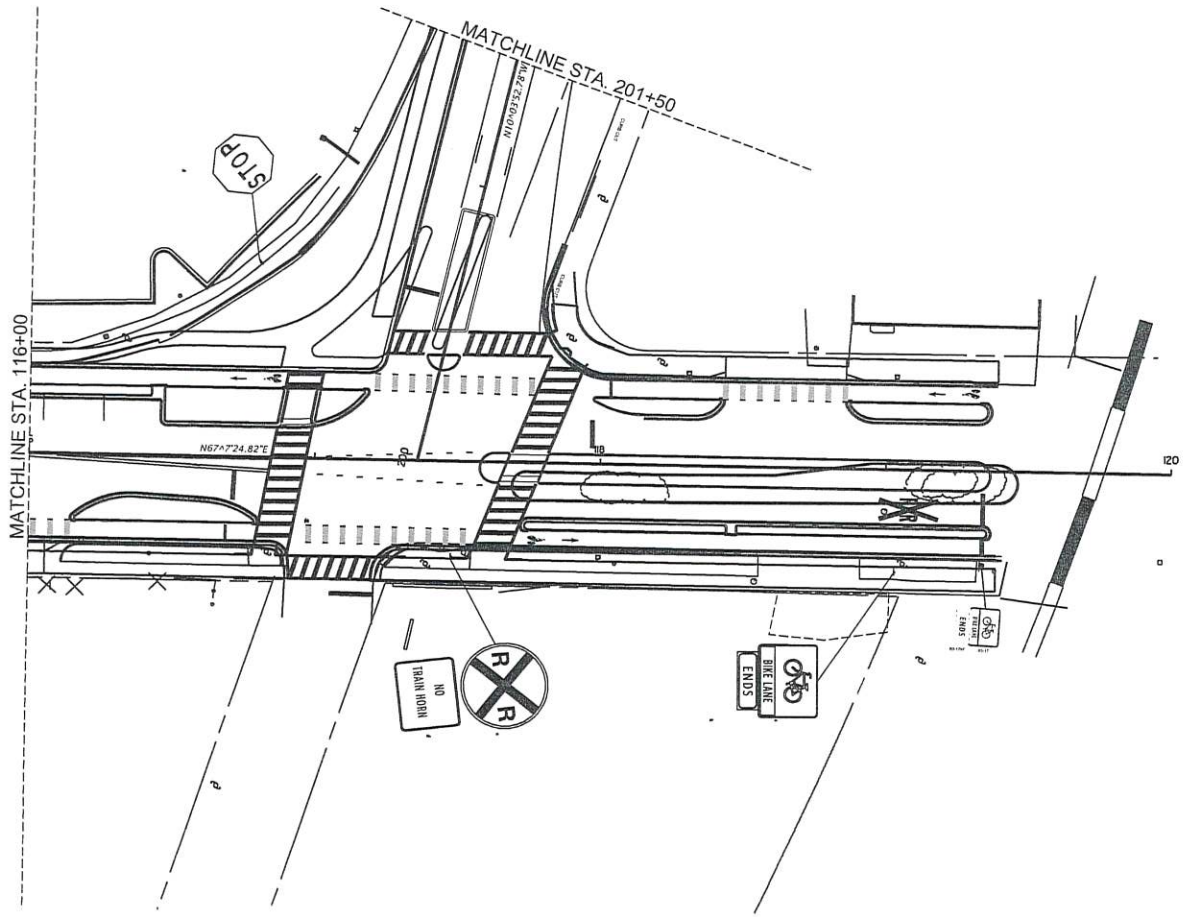
$$$$DATE$$$$

STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	SN4



SCALE IN FEET
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TOOLE DESIGN

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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

SIGNING
PLAN SHEET
4 OF 5

SCALE 1"= 20'

SHEET NO. SN4

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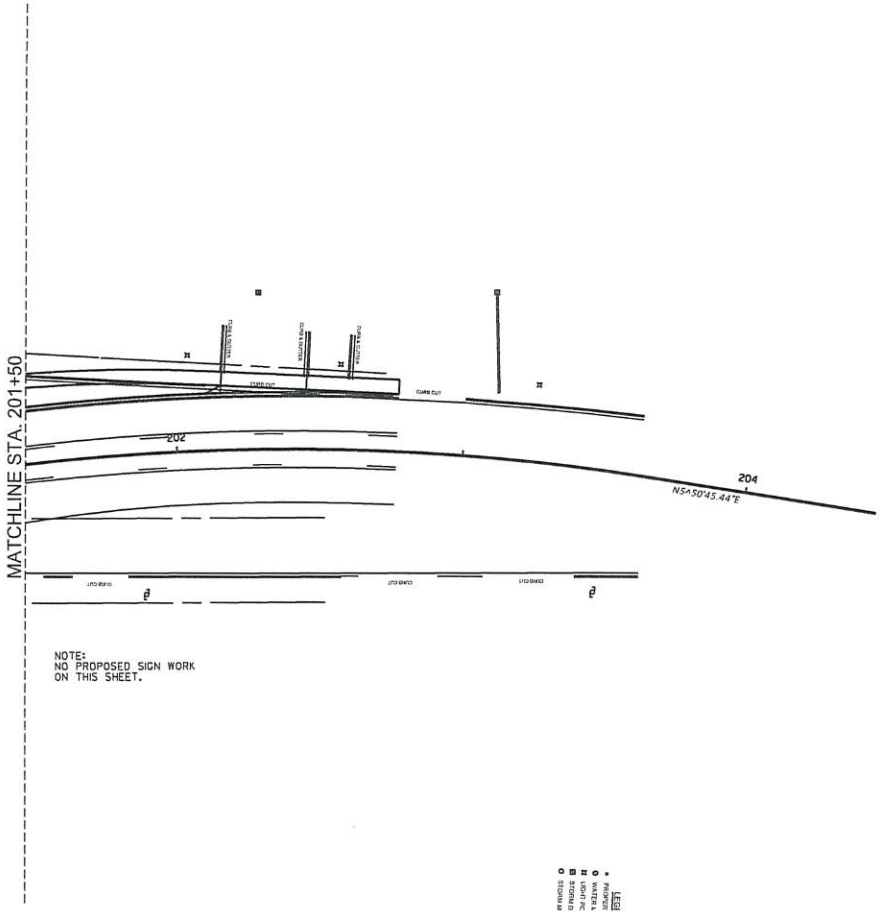
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	SN5



NOTE:
NO PROPOSED SIGN WORK
ON THIS SHEET.

SCALE IN FEET
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Preliminary Not for Construction

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WEST MAIN STREET
PHASE
SPARTANBURG, SC

SIGNING
PLAN SHEET
5 OF 5

SCALE 1"= 20'

SHEET NO. SN5

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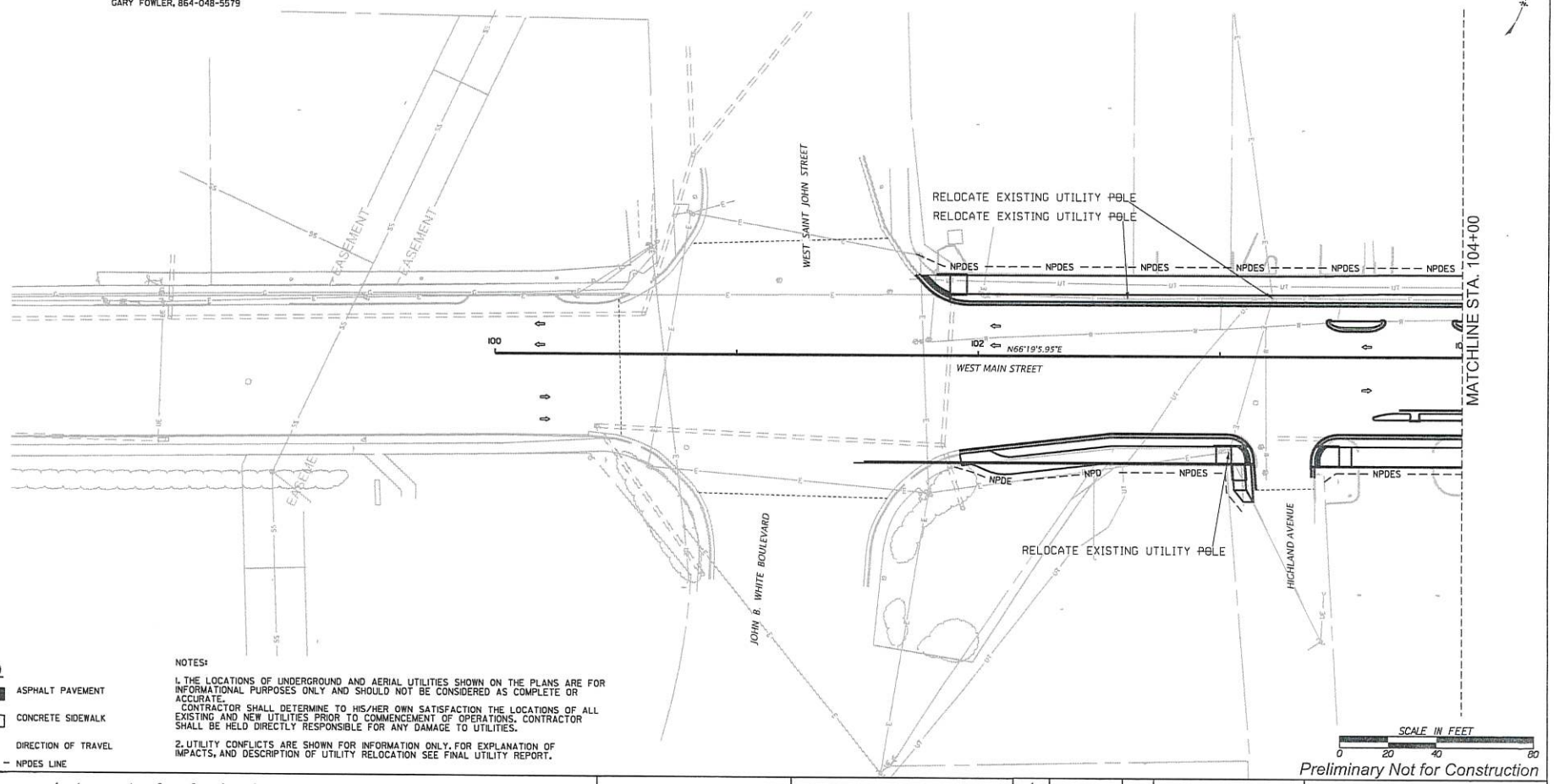
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	U1

UTILITY	CONTACT
AT&T	LEE SADLER, 704-478-7917
SPECTRUM	LARRY CAMP, 864-598-0817
SPARTANBURG WATER & SEWER	KEVIN SMITH, 864-580-5649
PIEDMONT NATURAL GAS	THOMAS PRESSLEY, 864-775-0744
DUKE ENERGY	GARY FOWLER, 864-048-5579



LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES – NPDES LINE

NOTES:

1. THE LOCATIONS OF UNDERGROUND AND AERIAL UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE CONSIDERED AS COMPLETE OR ACCURATE.
   CONTRACTOR SHALL DETERMINE TO HIS/HER OWN SATISFACTION THE LOCATIONS OF ALL EXISTING AND NEW UTILITIES PRIOR TO COMMENCEMENT OF OPERATIONS. CONTRACTOR SHALL BE HELD DIRECTLY RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
2. UTILITY CONFLICTS ARE SHOWN FOR INFORMATION ONLY. FOR EXPLANATION OF IMPACTS, AND DESCRIPTION OF UTILITY RELOCATION SEE FINAL UTILITY REPORT.

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TOOLE DESIGN

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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

UTILITY RELOCATION PLAN
SHEET 1 OF 5

SCALE 1"= 20'
SHEET NO. U1

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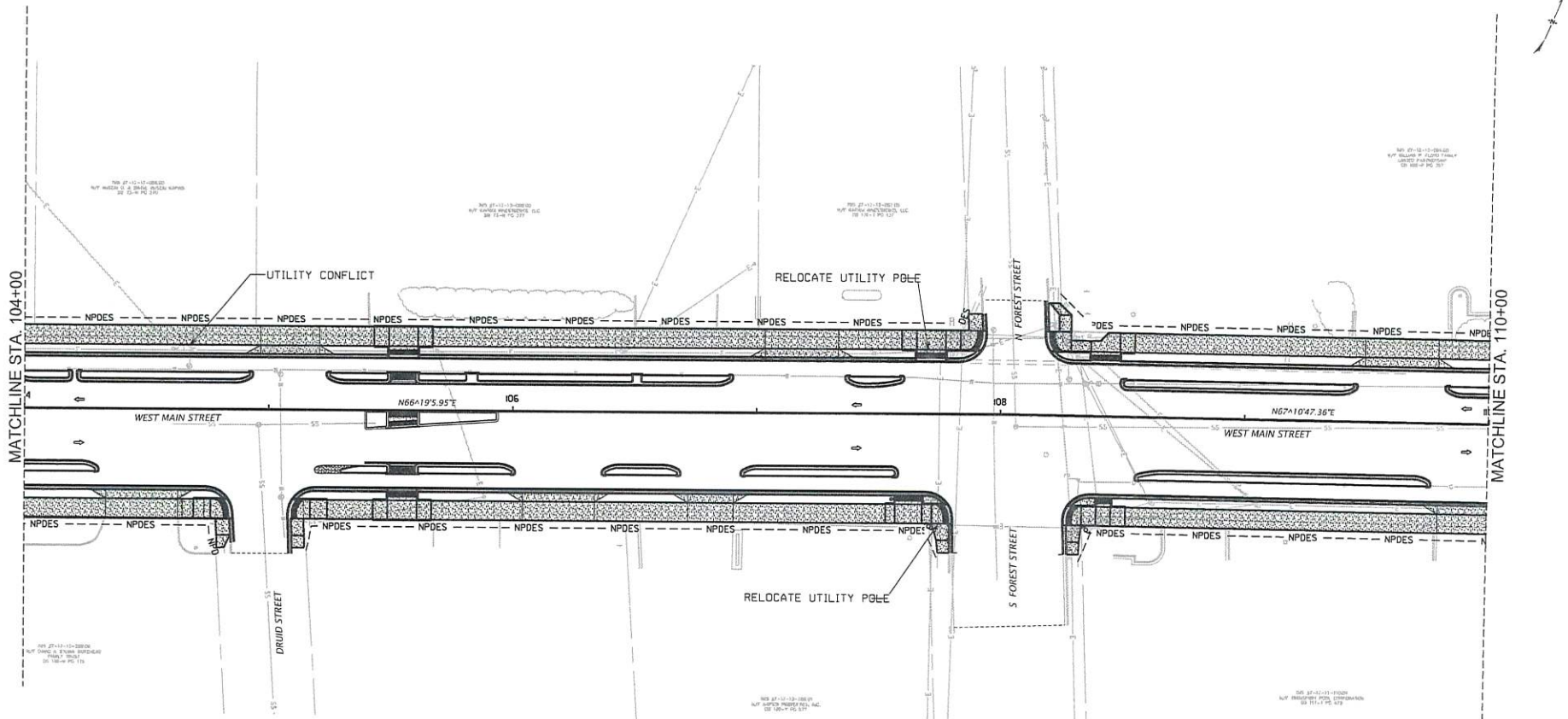
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-1	U2



LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES – NPDES LINE

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SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

UTILITY RELOCATION PLAN
SHEET 2 OF 5

SCALE 1"= 20'

SHEET NO. U2

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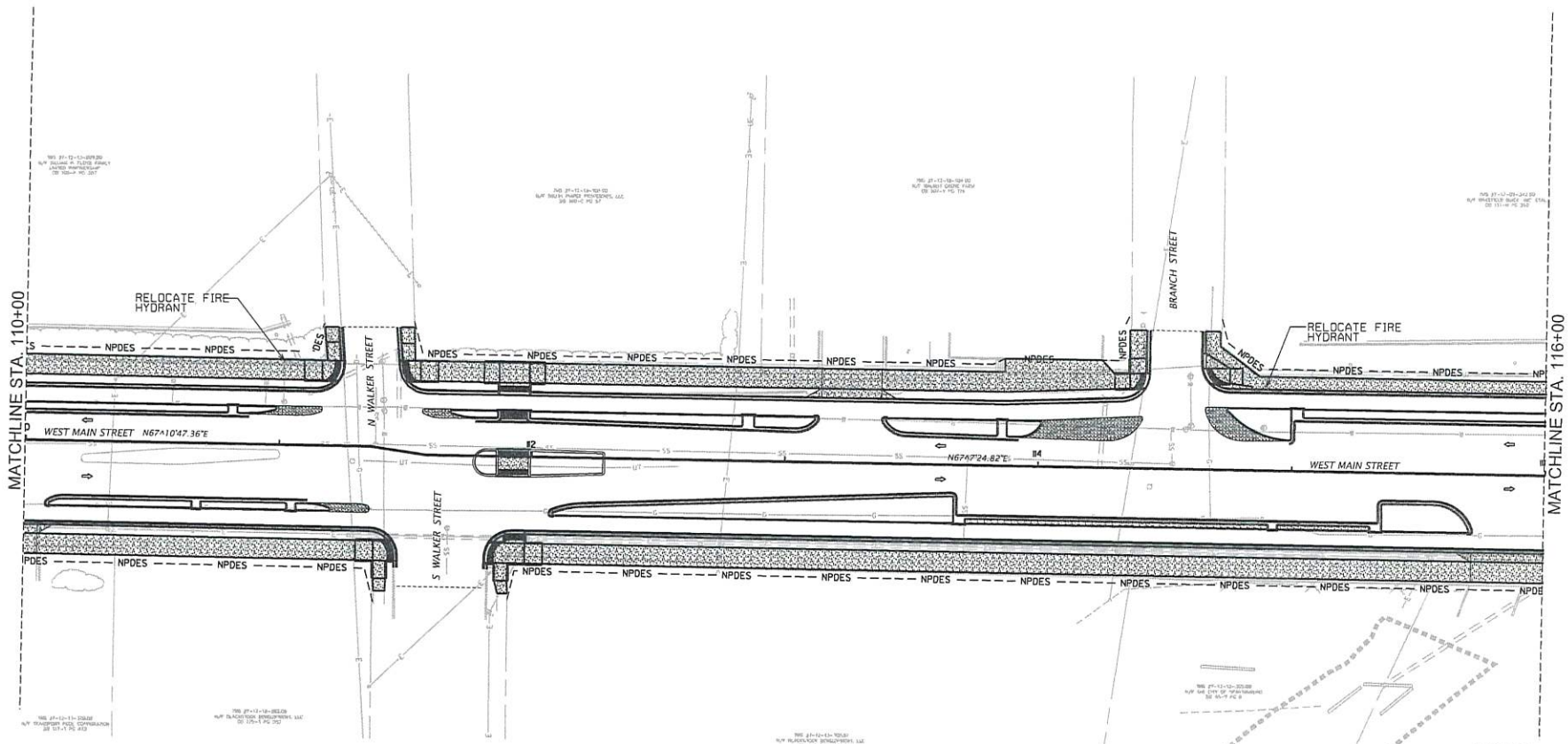
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	B-3	U3



LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES – NPDES LINE

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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

UTILITY RELOCATION PLAN
SHEET 3 OF 5

SCALE 1"= 20'

SHEET NO. U3

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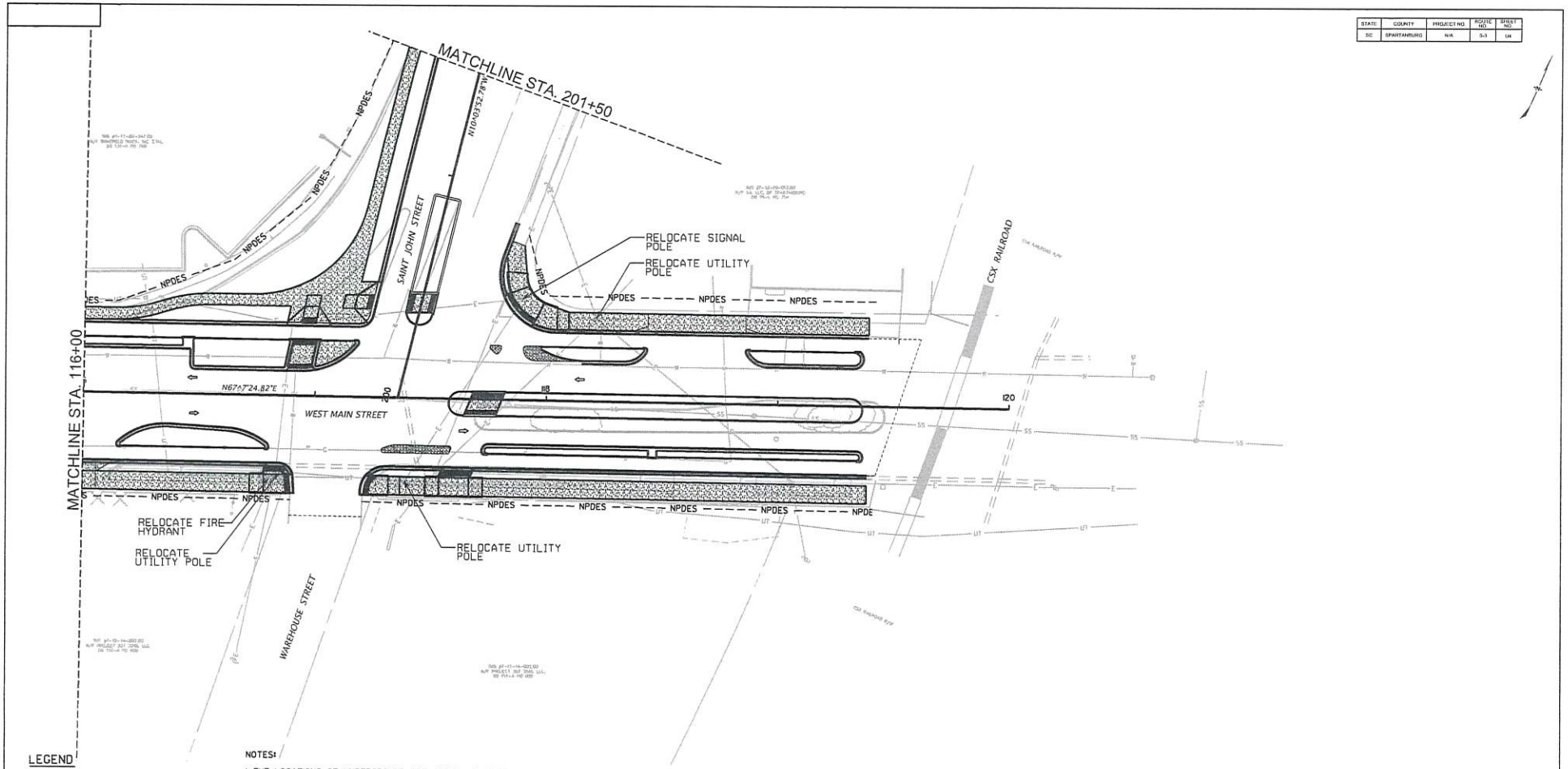
STATE	COUNTY	PROJECT NO	ROUTE NO	SHEET NO
SC	SPARTANBURG	N/A	S-3	U4



LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES – NPDES LINE

NOTES:

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SCALE IN FEET
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SQUAD -

WEST MAIN STREET
PHASE
SPARTANBURG, SC

UTILITY RELOCATION PLAN
SHEET 4 OF 5

SCALE 1"= 20'

SHEET NO. U4

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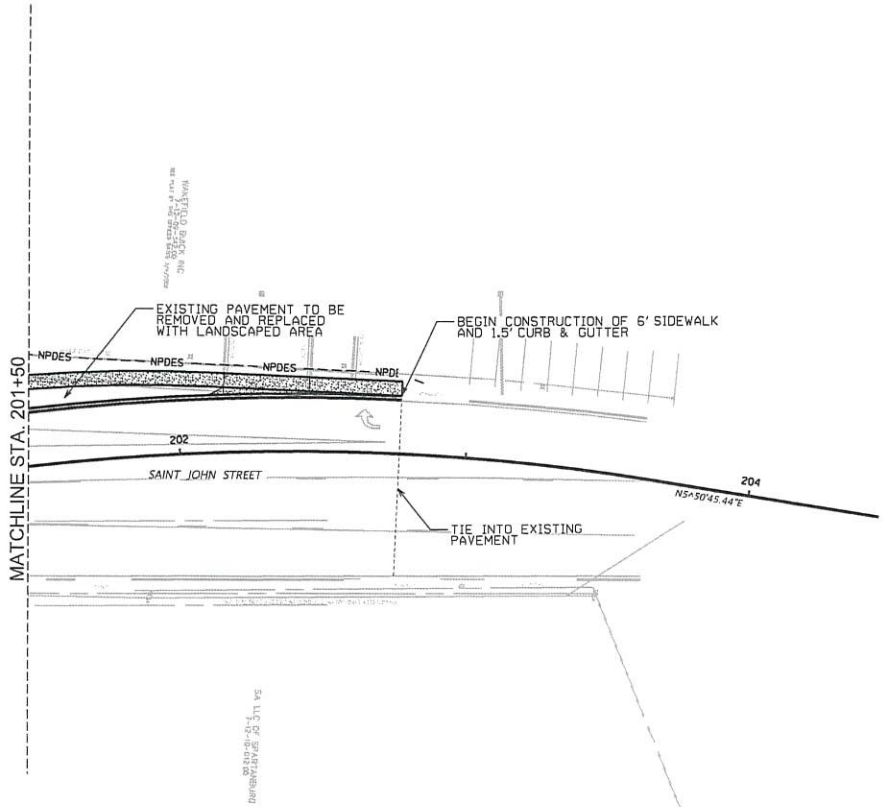
STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	SPARTANBURG	N/A	S-3	U5



LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- DIRECTION OF TRAVEL
- NPDES – NPDES LINE

NOTES:

1. PEDESTRIAN RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH SCDOT STD. DWG. 720-929-02 UNLESS OTHERWISE NOTED. INSTALL DETECTABLE WARNING MATERIAL AS PER STD. DWG. 720-910-01.
2. ADJUST POLE FOUNDATION TO MATCH SIDEWALK ELEVATION.
3. SEE SHEET D5 FOR DRAINAGE STANDARD DRAWINGS AND SCHEDULE.
4. PAVEMENT MARKINGS ARE FOR REFERENCE ONLY. FOR COMPLETE PAVEMENT MARKING LAYOUT SEE THE PAVEMENT MARKING PLANS (SHEETS PM1-PM5)

SCALE IN FEET

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Preliminary Not for Construction

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TOOLE DESIGN

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TOPO. DATE
DWG. DATE
R/W DATE

SQUAD -

WEST MAIN STREET PHASE
SPARTANBURG, SC

UTILITY RELOCATION PLAN
SHEET 5 OF 5

SCALE 1"= 20'

SHEET NO. U5

$$$$User$$
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