

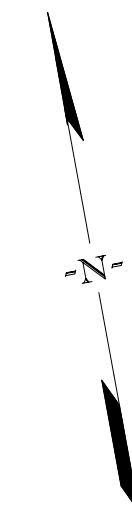
TOWN OF SUMMERVILLE



PROPOSED PLANS FOR

S-131 (NORTH MAPLE STREET) PROJECT ID P030733

FROM: S-59 (PARSONS ROAD)
TO: APPROXIMATELY 760 FEET SOUTH OF OLD DAIRY ROAD



Hydraulic Design Reference for these plans is the:
2009
Edition of SCDOT's "Requirements for Hydraulic Design Studies"

NPDES PERMIT INFORMATION
Disturbed Area = 17.40 Acre(s)
Project Area = 19.40 Acre(s)

Approximate Location of Roadway is
Begin
Latitude 33° 01'28" N
Longitude 80° 11'42" W
End
Latitude 33° 02'27" N
Longitude 80° 10'59" W

Hydraulic and NPDES Design provided by:
MICHAEL BAKER INTERNATIONAL, INC.
Designs may be obtained from the SCDOT Regional Production Group

Design Reference for these plans is the:
2001
AASHTO "A Policy on Geometric Design of Highways and Streets"

ENVIRONMENTAL PERMIT INFORMATION			
USACE PERMIT	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
NEPA DOCUMENT	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
401 CERTIFICATION	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
OCRM CAP	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
NAVIGABLE WATERS	<input type="checkbox"/> SC	<input type="checkbox"/> USCG	<input checked="" type="checkbox"/> USACE <input checked="" type="checkbox"/> 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

S-131 TRAFFIC DATA
2020 ADT 6,000
2040 ADT 9,800
TRUCKS 6 %

STA. 129+00.00
END CONSTRUCTION
S-131 (NORTH MAPLE STREET)

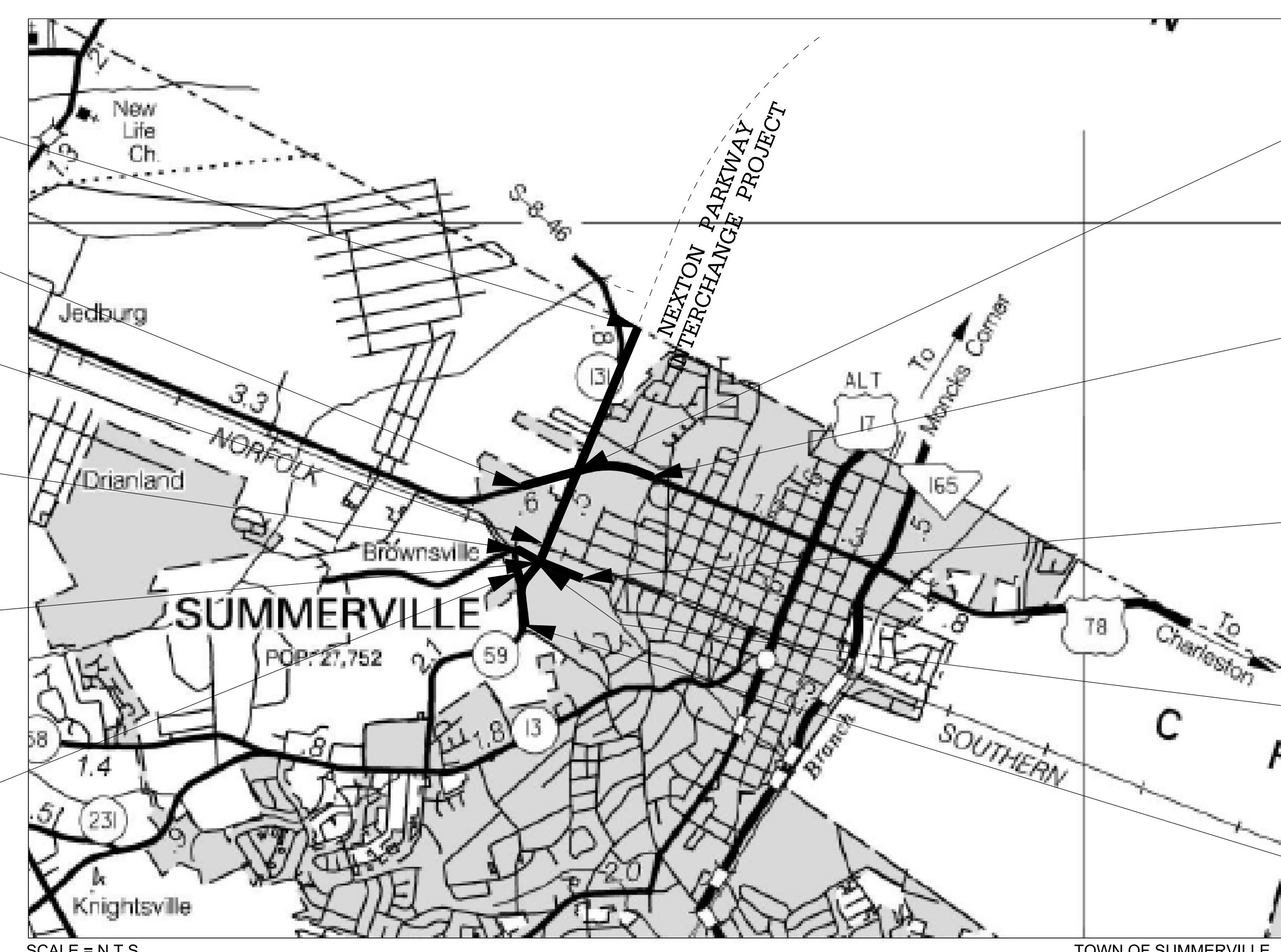
STA. 402+25.00
BEGIN CONSTRUCTION
US 78 (W 5TH N STREET)

EXCEPTION TO PROJECT
STA. 78+92.00 TO STA. 79+23.85
S-131 (NORTH MAPLE STREET)

STA. 303+21.58
BEGIN CONSTRUCTION
S-65 (W RICHARDSON AVE)

EXCEPTION TO PROJECT
STA. 310+79.57 TO STA. 311+24.18
S-65 (W RICHARDSON AVE)

STA. 200+21.50
BEGIN CONSTRUCTION
STA. 207+50.20
END CONSTRUCTION
LITTLE PARSONS COURT



EXCEPTION TO PROJECT
STA. 98+87.81 TO STA. 99+81.33
S-131 (NORTH MAPLE STREET)

STA. 424+15.00
END CONSTRUCTION
US 78 (W 5TH N STREET)

STA. 316+80.09
END CONSTRUCTION
S-65 (W RICHARDSON AVE)

STA. 74+54.84
END CONSTRUCTION
S-59 (PARSONS ROAD)
BEGIN CONSTRUCTION
S-131 (NORTH MAPLE STREET)

STA. 60+90.65
BEGIN CONSTRUCTION
S-59 (PARSONS ROAD)

SCDOT REVIEW	RIGHT-OF-WAY		CONSTRUCTION	
	INITIAL	DATE	INITIAL	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.

FOR RIGHT OF WAY ACQUISITION:
CONSULTANT ENGINEER OF RECORD _____ Date _____
REGIONAL PRODUCTION ENGINEER _____ Date _____

LAYOUT

	S-59 (PARSONS ROAD)	S-131 (NORTH MAPLE ST)	LITTLE PARSONS COURT	S-65 (W.RICHARDSON AVE)	US 78 (W 5TH N ST)	SIDE ROADS	TOTAL (MILES)
NET LENGTH OF ROADWAY	0.258	1.007	0.138	0.249	0.415	0.251	2.318
NET LENGTH OF BRIDGES	-	-	-	-	-	-	-
NET LENGTH OF PROJECT	0.258	1.007	0.138	0.249	0.415	0.251	2.318
LENGTH OF EXCEPTIONS	-	0.024	-	0.008	-	0.008	0.041
GROSS LENGTH OF PROJECT	0.258	1.031	0.138	0.257	0.415	0.259	2.359

EQUALITIES IN STATIONING:
S-59 EX. POT STA. 193+74.52 BACK = POT STA. 57+80.11 AHEAD (-13,594.41')
S-131 RELOC. POT STA. 78+65.55 BACK = RELOC. POT STA. 78+65.56 AHEAD (-0.01')
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.

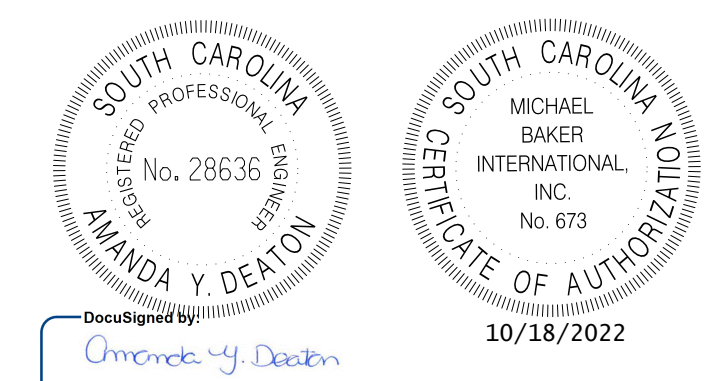
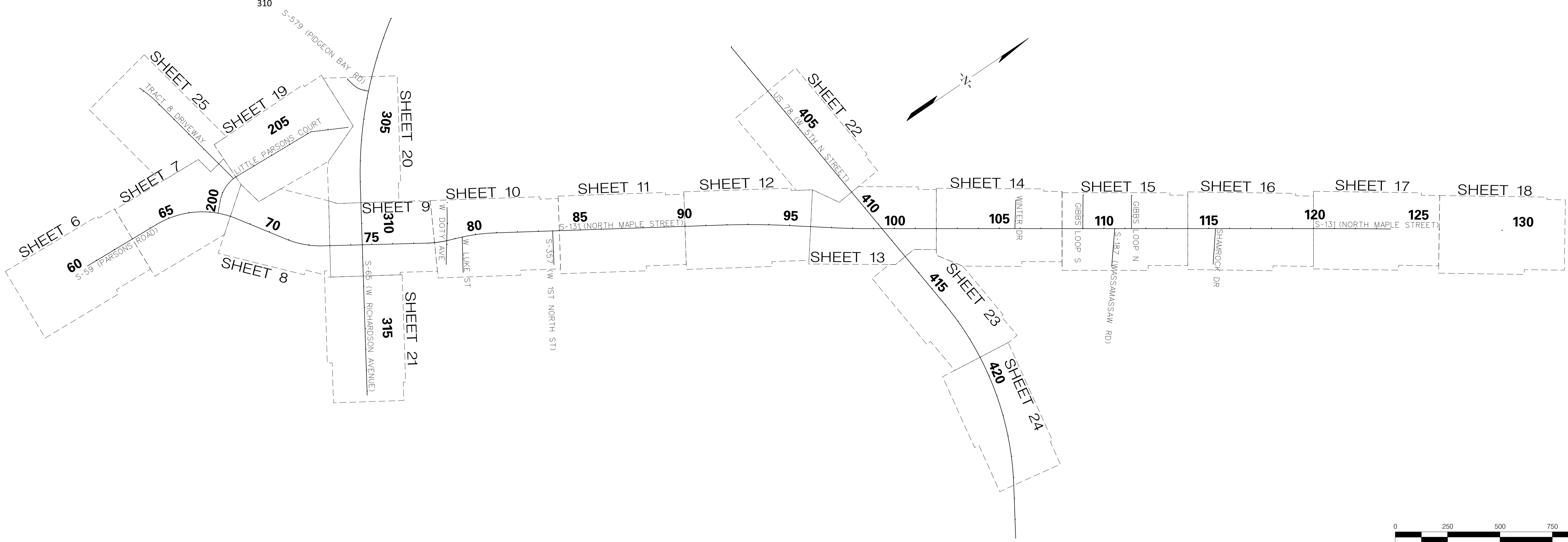
CONSULTING ENGINEERING FIRM
Michael Baker INTERNATIONAL

ENGINEER OF RECORD
AMANDA Y. DEATON
FOR CONSTRUCTION: Amanda Y. Deaton 10/18/2022
DATE

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	IL1

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	TOTAL
1	TITLE SHEET	1
IL1	SHEET INDEX/LAYOUT	1
2-2B	SUMMARY OF ESTIMATED QUANTITIES	3
2C	MOVING ITEMS	1
2D	REMOVAL & DISPOSAL ITEMS	1
3-3K	TYPICAL SECTIONS	12
4-4C	RIGHT OF WAY DATA SHEETS	4
4D-4N	PROPERTY STRIP MAP & PROPERTY CLOSURE MAP	11
5	GENERAL CONSTRUCTION NOTES	1
5A-5C	REFERENCE DATA SHEETS	3
5D-5E	STAKING PLAN SHEETS	2
5F	STREET SIGN LOCATIONS SHEET	1
5G	GEOTECHNICAL PLAN NOTES	1
6-27	PLAN AND PROFILE SHEETS	35
27-44	TOC PROFILE SHEETS	17
45-48	RADIUS RETURN ELEVATION SHEETS	4
D6-D25A	DRAINAGE PLAN SHEETS	40
TC1	TRAFFIC CONTROL NOTES	1
TC6-TC27	TRAFFIC CONTROL SHEETS	23
TCT51	TEMPORARY TRAFFIC SIGNAL SHEETS	1
PM6-PM24	PAVEMENT MARKING SHEETS	19
SN6-SN27	SIGNING SHEETS	22
TS1-TS2	TRAFFIC SIGNAL SHEETS	2
EC1	EROSION CONTROL GENERAL NOTES SHEET	1
EC2	EROSION CONTROL DATA SHEET	1
U1-U24	UTILITY RELOCATION SHEETS	23
X1-X70	CROSS SECTIONS	70
XP1-XP9	CROSSLINE PIPE CROSS SECTIONS	9
		310



4			
3			
2			
1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET SHEET INDEX

SHEET IL1

SCALE: 1" = 250'

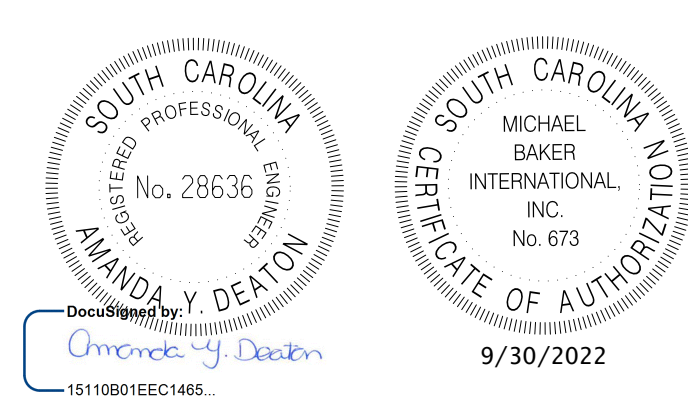
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2

TOWN OF SUMMERVILLE

SUMMARY OF ESTIMATED QUANTITIES

SECTION	DESCRIPTION	QUANTITY	UNIT
1031000	MOBILIZATION	1	LS
1032010	BONDS AND INSURANCE	1	LS
1050800	CONSTRUCTION STAKES, LINES & GRADES	1	EA
1052000	UTILITY RELOCATION (SEWER)	1	LS
1071000	TRAFFIC CONTROL	1	LS
1080300	CPM PROGRESS SCHEDULE	1	LS
1090200	AS-BUILT CONSTRUCTION PLANS	1	LS
2012000	CLEARING & GRUBBING WITHIN ROADWAY	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 1	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 2	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 3	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 4	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 5	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 6	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 7	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 8	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 9	1	LS
2022000	REMOVAL & DISPOSAL ITEM NO. 10	1	LS
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	10600	SY
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	3626	SY
2030010	FURNISH AND INSTALL MAILBOX	100	EA
2031000	UNCLASSIFIED EXCAVATION	15554	CY
2033000	BORROW EXCAVATION	30697	CY
2034000	MUCK EXCAVATION	10073	CY
2034518	18" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	581	LF
2034524	24" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	391	LF
2034530	30" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	100	LF
2034536	36" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	48	LF
2034560	60" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	146	LF
2081001	FINE GRADING	38436	SY
2103000	FLOWABLE FILL	810	CY
3069900	MAINTENANCE STONE	790	TON
3100310	HOT MIX ASPHALT BASE COURSE - TYPE A	14006	TON
4011004	LIQUID ASPHALT BINDER PG64-22	1679	TON
4012100	FULL DEPTH ASPH. PAV. PATCHING 10"UNIF	110	SY
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	3034	SY
4020320	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B	11738	TON
4020330	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C	230	TON

4030320	HOT MIX ASPHALT SURFACE COURSE TYPE B	8824	TON
4030340	HOT MIX ASPHALT SURFACE COURSE TYPE C	184	TON
6020106	SOLAR LED CHANGEABLE MESSAGE SIGN & DETECTION EQUIPMENT	7	EA
6021120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	1164	SF
6021125	PERMANENT CONSTRUCTION SIGNS (BARRICADE MOUNTED)	210	SF
6041200	BARRICADE - TYPE 3	252	LF
6250005	4" WHITE BROKEN LINES -(GAPS EXCLUDED)-FAST DRY PAINT	7320	LF
6250010	4" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT	25490	LF
6250015	8"WHITE SOLID LINES(CROSSWALK&CHANNELIZATION)FAST DRY PAINT	11580	LF
6250025	24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT	2299	LF
6250030	WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY PAINT	78	EA
6250035	WHITE WORD MESSAGE "ONLY"-FAST DRY PAINT	66	EA
6250043	WHITE LANE DROP ARROW (LEFT OR RIGHT)-FAST DRY PAINT	4	EA
6250045	RAILROAD CROSSING SYMBOLS - FAST DRY PAINT	4	EA
6250105	4" YELLOW BROKEN LINES(GAPS EXC) - FAST DRY PAINT	3580	LF
6250110	4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT	47794	LF
6250112	6" YELLOW SOLID LINE ON CURB/MEDIAN - FAST DRY PAINT	2685	LF
6250115	24" YELLOW DIAGONAL LINES - FAST DRY PAINT	235	LF
6271005	4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC- 90 MIL.	3760	LF
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	4348	LF
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	5857	LF
6271024	24IN X 36IN WHITE TRIANG. YIELD BAR (GAPS EXC)THERMO-125MIL	28	LF
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	1182	LF
6271030	WHITE SINGLE ARROWS (LT, STRGHT, RT) THERMO.-125 MIL.	41	EA
6271035	WHITE WORD MESSAGE "ONLY" -THERMOPLASTIC - 125 MIL.	36	EA
6271043	WHITE LANE DROP ARROW(LT.OR RT.)THERMO-125MIL	2	EA
6271045	RAILROAD CROSSING SYMBOLS - THERMOPLASTIC - 125 MIL.	2	EA
6271064	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	1918	LF
6271074	4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL.	24747	LF
6300005	PERMANENT CLEAR PAVEMENT MARKERS- MONO-DIR.- 4"X4"	256	EA
6301005	PERMANENT YELLOW PAVEMENT MARKERS MONO-DIR.- 4"X 4" PERM. YEL.	179	EA
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X4"	520	EA
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	366	SF
6510106	FLAT SHEET, TYPE III, SIZE DETERMINED BY MSG	65.25	SF
6510108	FLAT SHEET, TYPE XI, SIZE DETERMINED BY MSG, OVERHEAD	86	SF
6513020	F&I MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	9	EA
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	691	LF
6551110	SQUARE TUBING POST 12 GAUGE - 13/4" X 13/4" X 8	204	LF



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2	PLD	09/28/22	REVISED QUANTITIES FOR US 78 REDESIGN & NORTH MAPLE ADDITIONAL RIGHT TURN LANE
1	AYD	3/3/22	ADDED BID ITEM 1052000

DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
SUMMARY OF ESTIMATED QUANTITIES

SHEET 2 SCALE: NTS

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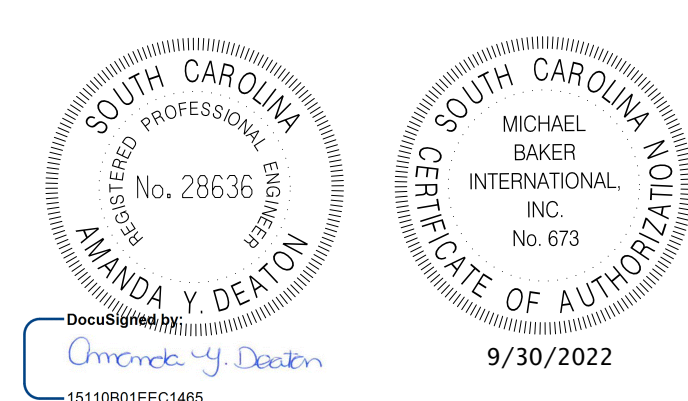
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2A

TOWN OF SUMMERVILLE

SUMMARY OF ESTIMATED QUANTITIES

SECTION	DESCRIPTION	QUANTITY	UNIT
6750213	2.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	3000	LF
6750220	3.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	500	LF
6750248	2.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	42	EA
675024C	3.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	6	EA
6750275	FURNISH & INSTALL 1.0" SCHEDULE 80 PVC CONDUIT	310	LF
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	1350	LF
675027C	FURNISH & INSTALL 3.0" SCHEDULE 80 PVC CONDUIT	80	LF
675027S	FURNISH & INSTALL 2.0" SCHD 80 PVC CONDUIT (DIRECTION.BORED)	2290	LF
6770388	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - BLACK	1005	LF
6770389	FURNISH & INSTALL NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	1005	LF
6770393	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1640	LF
6770394	FURNISH & INSTALL NO. 14 COPPER WIRE, 8 CONDUCTOR (GRAY)	2360	LF
6770413	FURNISH & INSTL NO. 14 COPPER WIRE, 1-CONDUCTOR FOR LOOP WIRE	5250	LF
6780495	SAWCUT FOR LOOP DETECTOR	2350	LF
6800499	FURNISH & INSTALL ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	2	EA
6800518	F&I-13"X24"X18"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	23	EA
680052C	F&I-17"X30"X24"D.ELEC.FLUSH UNDGRD.ENCLOS-(STR.POLY.CONC.)HD	3	EA
6825020	FURNISH & INSTALL - 35' WOOD POLE-CLASS II-CCA TR(0.60)	3	EA
6825045	FURNISH & INSTALL 3/8" BACK GUY FOR WOOD POLE	3	EA
682511F	F&I 21' STEEL POLE WITH 56' MAST ARM	1	EA
682511H	F&I 21' STEEL POLE WITH 60' MAST ARM	3	EA
682512K	27' STEEL POLE WITH 66' MAST ARM	4	EA
6825484	FURNISH & INSTALL 10' BREAK-AWAY ALUM PEDESTAL POLE AND BASE	10	EA
6825486	FURNISH & INSTALL ALUMINUM PEDESTAL POLE CONCRETE FOUNDATION	10	EA
6845511	F&I - CONTR 332/336 CABINET ASSEMBLY - BASE MOUNTED	3	EA
6865720	FURNISH & INSTALL -12" 4 SECTION SIGNAL HEAD	5	EA
6865723	FURNISH & INSTALL - 12" 3 SECTION SIGNAL HEAD	27	EA
6865783	F&I - 1-WAY-1SECT.(COUNTDOWN HAND/MAN EMBLEM)PED.SIG.HEAD	16	EA
6865794	F&I-PED PUSH BUTTON MICRO ASSEMBLY(9"X15")AND SIGN(R-10-3E or R10-4a	16	EA
6865830	VEHICLE TRAFFIC SIGNAL HEAD MOUNTING ASSEMBLY FOR SPAN WIRE	8	EA
6865831	F&I VEHICLE TRAFFIC SINGAL HEAD MOUNTING ASSEMBLY FOR MAST ARM	24	EA
6865834	BACKPLATE W/ RETROREFL.BORDERS FOR TRAFF. SIG.	32	EA
6885990	REMOVAL,SALVAGE,&DISP.OF EXISTING TRAF. SIGNAL EQUIPMENT	1	LS
6886041	INSTALL VIDEO DETECTION SYSTEM INCLUDING LEAD-IN	1	EA
6886042	FURNISH & INSTALL VIDEO DETECTION CAMERA W/ HARDWARE & LEAD-IN	4	EA
6887951	FURNISH & INSTALL CONCRETE CABINET FOUNDATION	3	EA
7141133	18" RC PIPE CUL.-CLASS V	100	LF
7141141	14"X 23" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III	340	LF
7141142	19"X 30" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III	60	LF
714114D	14"X 23" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-IV	700	LF

7143618	18" SMOOTH WALL PIPE	10510	LF
7143624	24" SMOOTH WALL PIPE	5128	LF
7143630	30" SMOOTH WALL PIPE	2000	LF
7143636	36" SMOOTH WALL PIPE	56	LF
7143660	60" SMOOTH WALL PIPE	164	LF
7149999	CLEANING EXISTING PIPE	1500	LF
7191005	CATCH BASIN -TYPE 1CB - TYPE 1	5	EA
7191605	CATCH BASIN -TYPE 16	114	EA
7191610	CATCH BASIN -TYPE 16 WITH MODIFIED BOX NO.(____)	7	EA
7191650	CATCH BASIN -TYPE 18	22	EA
7191655	CATCH BASIN -TYPE 18 WITH MODIFIED BOX NO.(____)	2	EA
7192020	DROP INLET (24" X 36")	48	EA
7192021	DROP INLET (24" X 36") WITH STANDARD 4' X 4' BOX	8	EA
7192022	DROP INLET (24" X 36") WITH STANDARD 5' X 5' BOX	2	EA
7192023	DROP INLET (24" X 36") WITH STANDARD 6' X 6' BOX	2	EA
7192105	MANHOLE	13	EA
7192260	48" X 48" JUNCTION BOX	10	EA
7196000	EXTRA DEPTH OF BOX	36	LF
7198495	MANHOLE-CONVERT CATCH BASIN	1	EA
7199100	BEVELING OF PIPE END	67	EA
7203210	CONCRETE CURB AND GUTTER(2'-0") VERTICAL FACE	19838	LF
7204100	CONCRETE SIDEWALK(4" UNIFORM)	7871	SY
7204900	DETECTABLE WARNING MATERIAL	773	SF
7205000	CONCRETE DRIVEWAY(6" UNIFORM)	2000	SY
7206000	CONCRETE MEDIAN	785	SY
7209000	PEDESTRIAN RAMP CONSTRUCTION	1028	SY
8041010	RIP-RAP (CLASS A)	26	TON
8041020	RIP-RAP (CLASS B)	675	TON
8048215	GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2)TYPE D	839	SY
8063100	48"-CHAIN LINK FENCE	250	LF
8064100	4' WIDE - CHAIN LINK FENCE GATE (48"HT)	2	EA
8068301	TEMPORARY BARRIER FENCE	1000	LF
8081000	MOVING ITEM NO. 1	1	LS
8081000	MOVING ITEM NO. 2	1	LS
8081000	MOVING ITEM NO. 3	1	LS
8081000	MOVING ITEM NO. 4	1	LS
8081000	MOVING ITEM NO. 5	1	LS
8081000	MOVING ITEM NO. 6	1	LS
8081000	MOVING ITEM NO. 7	1	LS
8081000	MOVING ITEM NO. 8	1	LS
8091010	RIGHT OF WAY MARKER(REBAR AND CAP)	197	EA
8091050	RIGHT OF WAY PLAT	1	LS



4			
3			
2			
1	PLD	09/28/22	REVISED QUANTITIES FOR US 78 REDESIGN & NORTH MAPLE ADDITIONAL RIGHT TURN LANE
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
SUMMARY OF ESTIMATED QUANTITIES

SHEET 2A SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2B

TOWN OF SUMMERVILLE

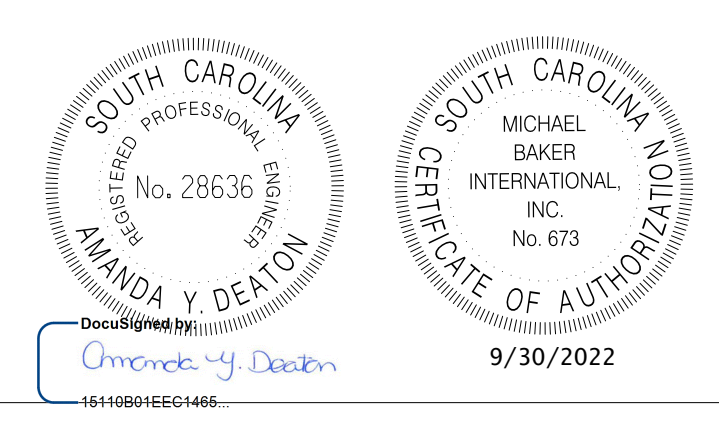
SUMMARY OF ESTIMATED QUANTITIES

SECTION	DESCRIPTION	QUANTITY	UNIT
8100100	PERMANENT COVER	7.600	ACRE
8100200	TEMPORARY COVER	15.200	ACRE
8101105	COMPOST	2034	CY
8101110	STRAW OR HAY MULCH WITH TACKIFIER	20	ACRE
8104005	FERTILIZER (NITROGEN)	758	LB
8104010	FERTILIZER (PHOSPHORIC ACID)	758	LB
8104015	FERTILIZER (POTASH)	758	LB
8105005	AGRICULTURAL GRANULAR LIME	15164	LB
8109050	SELECTIVE WATERING	135750	GAL
8109901	MOWING	46	ACRE
8131000	SODDING	0.5	MSY
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	25	ACRE
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	2920	LF
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	2780	LF
8152007	SEDIMENT TUBES FOR DITCH CHECKS	1140	LF
8153000	SILT FENCE	14150	LF
8153090	REPLACE/REPAIR SILT FENCE	1405	LF
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	3512	LF
8156205	INLET STRUCTURE FILTER - TYPE D1	58	EA
8156207	FILTER MATERIAL FOR INLET STRUCTURE FILTER - TYPE D1	110	EA
8156490	STABILIZED CONSTRUCTION ENTRANCE	1925	SY

MOBILIZATION	1	LS	AS DIRECTED BY ENGINEER
BONDS AND INSURANCE	1	LS	AS DIRECTED BY ENGINEER
CONSTRUCTION STAKES, LINES & GRADES	1	EA	AS DIRECTED BY ENGINEER
TRAFFIC CONTROL	1	LS	AS DIRECTED BY ENGINEER
CPM PROGRESS SCHEDULE	1	LS	AS DIRECTED BY ENGINEER
AS-BUILT CONSTRUCTION PLANS	1	LS	AS DIRECTED BY ENGINEER
CLEARING & GRUBBING WITHIN ROADWAY	1	LS	AS DIRECTED BY ENGINEER
FURNISH AND INSTALL MAILBOX	100	EA	AS DIRECTED BY ENGINEER
UNCLASSIFIED EXCAVATION	9358	CY	AS DIRECTED BY ENGINEER
BORROW EXCAVATION	14163	CY	AS DIRECTED BY ENGINEER
MUCK EXCAVATION	10073	CY	AS DIRECTED BY ENGINEER
18" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	581	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
24" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	391	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
30" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	100	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
36" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	48	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
60" DIAMETER PIPE ADDITIONAL FOUNDATION WORK	146	LF	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
FINE GRADING	38336	SY	AS DIRECTED BY ENGINEER
FLOWABLE FILL	810	CY	FOR CROSSLINE PIPES AS DIRECTED BY ENGINEER
MAINTENANCE STONE	790	TON	FOR MAINTENANCE OF DRIVES
LIQUID ASPHALT BINDER PG64-22	372	TON	FOR BUILDUP
MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	3034	SY	AS DIRECTED BY ENGINEER
HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B	7435	TON	FOR BUILDUP
SOLAR LED CHANGEABLE MESSAGE SIGN & DETECTION EQUIPMENT	6	EA	AS DIRECTED BY ENGINEER
2.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	3000	LF	FOR IN CONTRACT UTILITIES
3.0" SCHEDULE 40 PVC CONDUIT (GRAY W/ PULL STRING)	500	LF	FOR IN CONTRACT UTILITIES
2.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	42	EA	FOR IN CONTRACT UTILITIES
3.0" SCHEDULE 40 PVC CONDUIT - 90 DEGREE BEND (GRAY W/ PULL STRING)	6	EA	FOR IN CONTRACT UTILITIES
18" RC PIPE CUL.-CLASS V	8	LF	FOR ADDITIONAL DRAINAGE
14"X 23" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III	32	LF	FOR ADDITIONAL DRAINAGE
19"X 30" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III	8	LF	FOR ADDITIONAL DRAINAGE
14"X 23" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-IV	64	LF	FOR ADDITIONAL DRAINAGE
18" SMOOTH WALL PIPE	952	LF	FOR ADDITIONAL DRAINAGE
24" SMOOTH WALL PIPE	456	LF	FOR ADDITIONAL DRAINAGE
30" SMOOTH WALL PIPE	96	LF	FOR ADDITIONAL DRAINAGE
36" SMOOTH WALL PIPE	8	LF	FOR ADDITIONAL DRAINAGE
60" SMOOTH WALL PIPE	16	LF	FOR ADDITIONAL DRAINAGE
CLEANING EXISTING PIPE	1500	LF	FOR ADDITIONAL DRAINAGE
CATCH BASIN -TYPE 16	3	EA	FOR ADDITIONAL DRAINAGE
CATCH BASIN -TYPE 18	1	EA	FOR ADDITIONAL DRAINAGE
DROP INLET (24" X 36")	2	EA	FOR ADDITIONAL DRAINAGE
MANHOLE	1	EA	FOR ADDITIONAL DRAINAGE
48" X 48" JUNCTION BOX	1	EA	FOR ADDITIONAL DRAINAGE
EXTRA DEPTH OF BOX	3	LF	FOR ADDITIONAL DRAINAGE
BEVELING OF PIPE END	67	EA	AS DIRECTED BY ENGINEER
RIP-RAP (CLASS B)	645	TON	FOR ADDITIONAL DRAINAGE
GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2)TYPE D	738	SY	FOR ADDITIONAL DRAINAGE
48"-CHAIN LINK FENCE	250	LF	FOR TRACT 65
4' WIDE - CHAIN LINK FENCE GATE (48"HT)	2	EA	FOR TRACT 65
TEMPORARY BARRIER FENCE	1000	LF	AS DIRECTED BY ENGINEER
RIGHT OF WAY MARKER(REBAR AND CAP)	197	EA	AS DIRECTED BY ENGINEER
RIGHT OF WAY PLAT	1	LS	AS DIRECTED BY ENGINEER
PERMANENT COVER	8	ACRE	FOR EROSION CONTROL
TEMPORARY COVER	15	ACRE	FOR EROSION CONTROL
COMPOST	2034	CY	FOR EROSION CONTROL
STRAW OR HAY MULCH WITH TACKIFIER	20	ACRE	FOR EROSION CONTROL
FERTILIZER (NITROGEN)	758	LB	FOR EROSION CONTROL
FERTILIZER (PHOSPHORIC ACID)	758	LB	FOR EROSION CONTROL
FERTILIZER (POTASH)	758	LB	FOR EROSION CONTROL
AGRICULTURAL GRANULAR LIME	15164	LB	FOR EROSION CONTROL
SELECTIVE WATERING	135750	GAL	AS DIRECTED BY ENGINEER
MOWING	46	ACRE	AS DIRECTED BY ENGINEER
SODDING	0.5	MSY	AS DIRECTED BY ENGINEER
HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	25	ACRE	FOR EROSION CONTROL
INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	2920	LF	FOR EROSION CONTROL
INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	2780	LF	FOR EROSION CONTROL
SILT FENCE	14150	LF	FOR EROSION CONTROL
REPLACE/REPAIR SILT FENCE	1405	LF	FOR EROSION CONTROL
REMOVAL OF SILT RETAINED BY SILT FENCE	3512	LF	FOR EROSION CONTROL
FILTER MATERIAL FOR INLET STRUCTURE FILTER - TYPE D1	110	EA	FOR EROSION CONTROL
STABILIZED CONSTRUCTION ENTRANCE	1925	SY	AS DIRECTED BY ENGINEER

INCLUSIONS

THE FOLLOWING QUANTITIES COULD NOT BE ESTIMATED BASED ON THE PLANS, BUT THEY ARE INCLUDED IN THE SUMMARY OF ESTIMATED QUANTITIES FOR THE PURPOSE OF BID COMPARISON AND OTHER LIMITED PURPOSES. THESE "INCLUSIONS" ARE ARBITRARY NUMBERS OR REASONED GUESSES AT BEST, AND HAVE NOT BEEN COMPUTED USING ENGINEERING SKILL. THUS, THEY ARE NOT TO BE RELIED UPON FOR ANY PURPOSE. THEY MAY BE VARIED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. CHANGES INVOLVING INCREASED COST OR CHANGES IN ALIGNMENTS MUST BE SPECIFICALLY AUTHORIZED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.



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1	PLD	09/28/22	REVISED QUANTITIES FOR US 78 REDESIGN & NORTH MAPLE ADDITIONAL RIGHT TURN LANE
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
SUMMARY OF ESTIMATED QUANTITIES

SHEET 2B SCALE: NTS

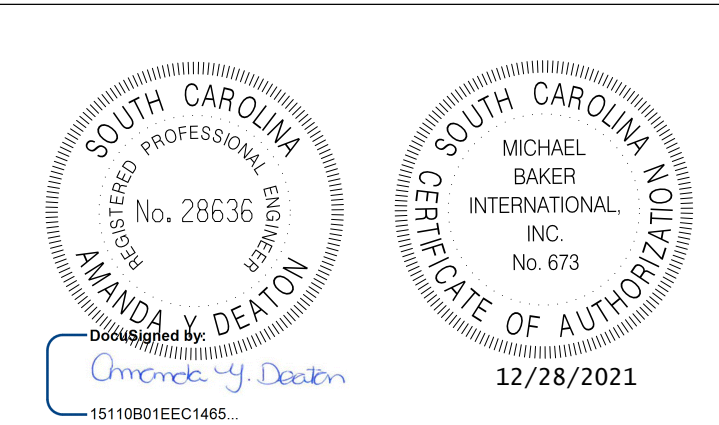
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2C

MOVING ITEMS

PROJECT ID NO. P030733 ROAD/ROUTE S-131 (NORTH MAPLE STREET) COUNTY DORCHESTER

ITEM NO.	LOCATION		DESCRIPTION	WORK TO BE DONE	UNIT	OWNER AND TRACT
	FEET RT or LT	STATION				
1	35' LT	81+30, NORTH MAPLE	WOODEN SIGN "WESTROCK"	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		KAPSTONE - 23
2	35' RT	89+00, NORTH MAPLE	WOODEN SIGN "WESTROCK"	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		KAPSTONE - 31
3	35' RT	93+10, NORTH MAPLE	WOODEN SIGN "ELKS LODGE"	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		405 NORTH MAPLE LLC - 38
4	45' LT	410+00, US-78	WOODEN SIGN "DA SHOP"	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		GAYLE E SCHOEN & ANN S SCHOEN, TRUSTEE - 40
5	60' RT	416+00 TO 417+20, US-78	3 RAIL SPLIT RAIL WHITE WOODEN FENCE	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		LINDA DEWSEE - 84
6	33' LT	105+30, NORTH MAPLE	"SUMMERVILLE MOBILE HOME PARK" SIGN	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		SUMMER VILLAGE MHP, LLC - 48
7	40' LT	403+50, US-78	"PEREZ FABRICATION" SIGN	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		RYAN PEREZ MANAGEMENT LLC - 78
8	50', LT	121+40 TO 121+70, NORTH MAPLE	WOODEN FENCE	MOVE AND RESET CLEAR OF NEW RIGHT OF WAY		WILLIAM TOLMAN SALISBURY JR - 97



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
 NORTH MAPLE STREET
 MOVING ITEMS
 SHEET 2C
 SCALE: NTS

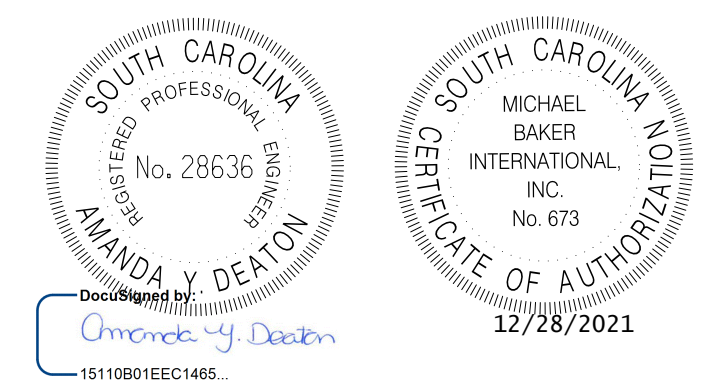
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	2D

REMOVAL & DISPOSAL ITEMS

PROJECT ID NO. P030733 **ROAD/ROUTE:** S-131 (NORTH MAPLE STREET) **COUNTY** CHARLESTON

ITEM NO.	LOCATION		DESCRIPTION	WORK TO BE DONE	UNIT	OWNER AND TRACT
	FEET RT or LT	STATION				
1	35' LT	75+00	SINGLE FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 11 - TOTAL TAKE
2	50' LT	75+25	CAR PORT	REMOVE & DISPOSE		TRACT 11 - TOTAL TAKE
3	45' RT	101+00	METAL BUILDING	REMOVE & DISPOSE		TRACT 44 - TOM LIMEHOUSE
4	45' RT	105+00	MULTI-FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 55 - TOTAL TAKE
5	45' RT	114+00	BRICK VENEER SINGLE-FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 65 - NAOMI NOLAN
6	50' RT	114+75	BRICK VENEER SINGLE-FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 68 - TOTAL TAKE
7	50' RT	116+00	BRICK VENEER SINGLE-FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 69 - TOTAL TAKE
8	45' RT	116+75	BRICK VENEER SINGLE-FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 70 - TOTAL TAKE
9	30' LT	310+00	CAR PORT	REMOVE & DISPOSE		TRACT 11 - TOTAL TAKE
10	50' LT	418+00	CONCRETE-BLOCK SINGLE-FAMILY RESIDENCE	REMOVE & DISPOSE		TRACT 82 - TOTAL TAKE



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
REMOVAL AND DISPOSAL ITEMS

SHEET 2D SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3

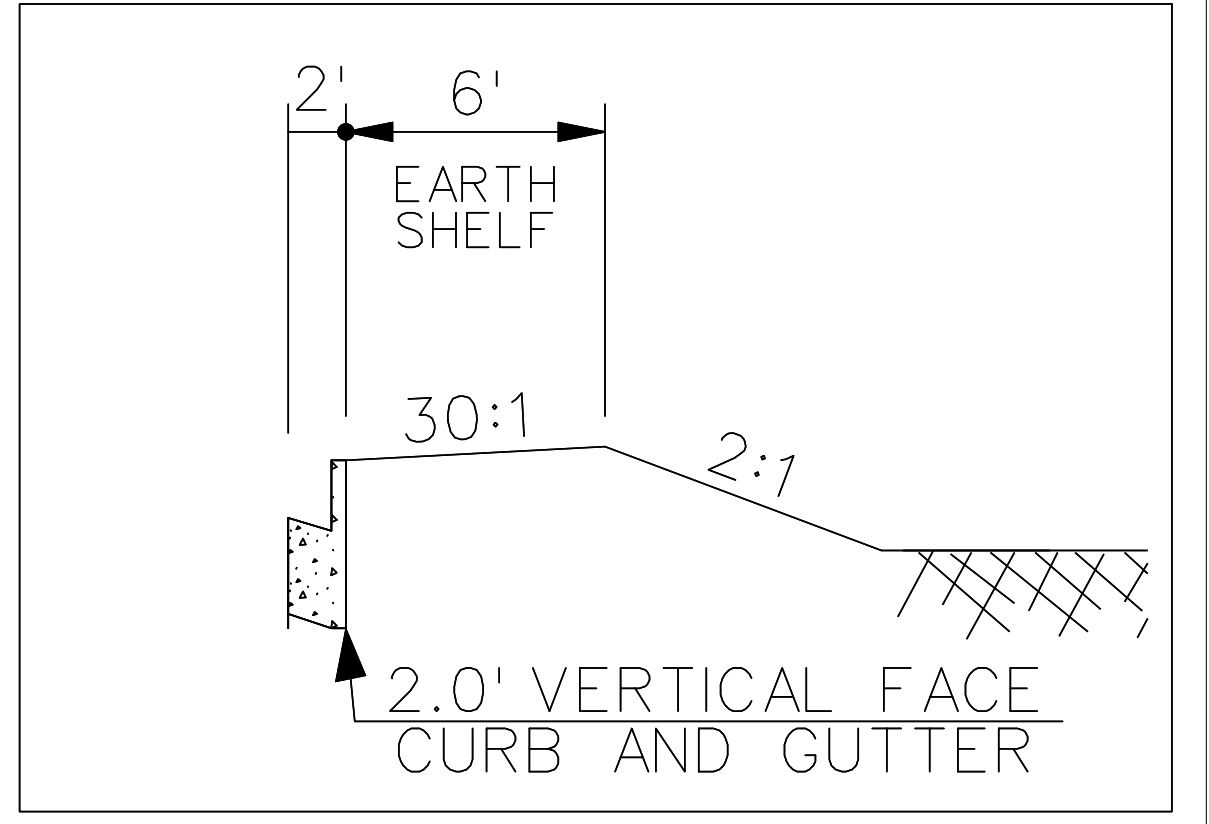
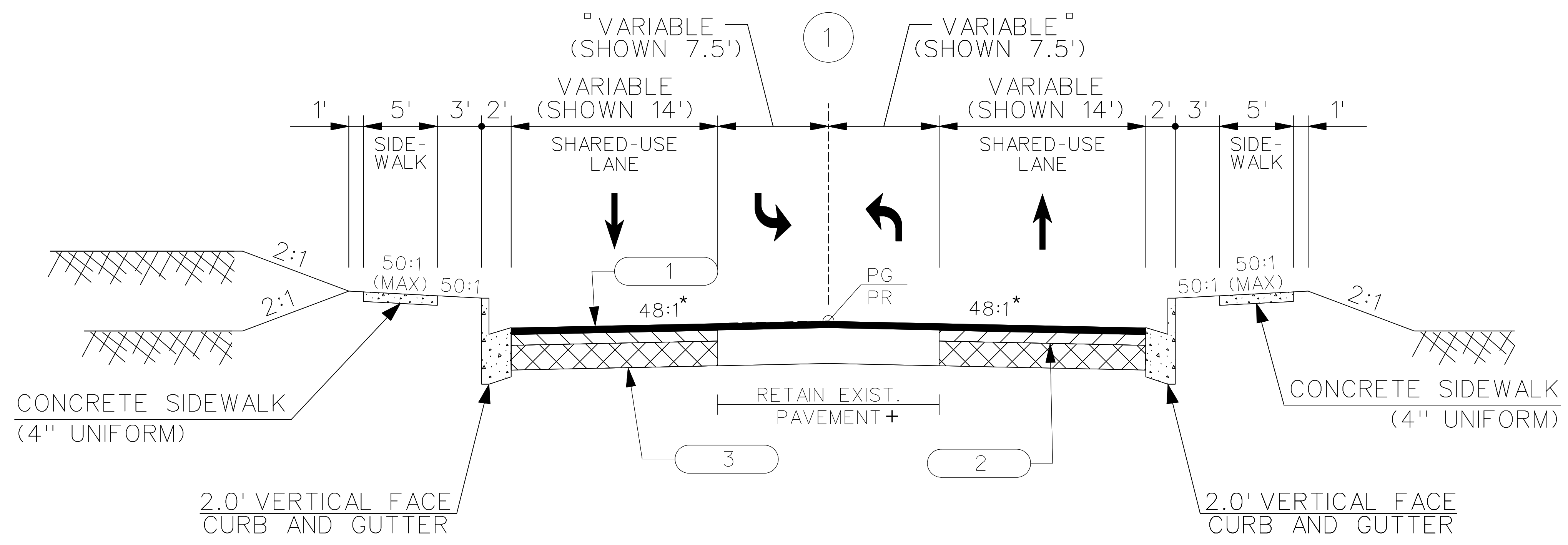
TOWN OF SUMMERVILLE



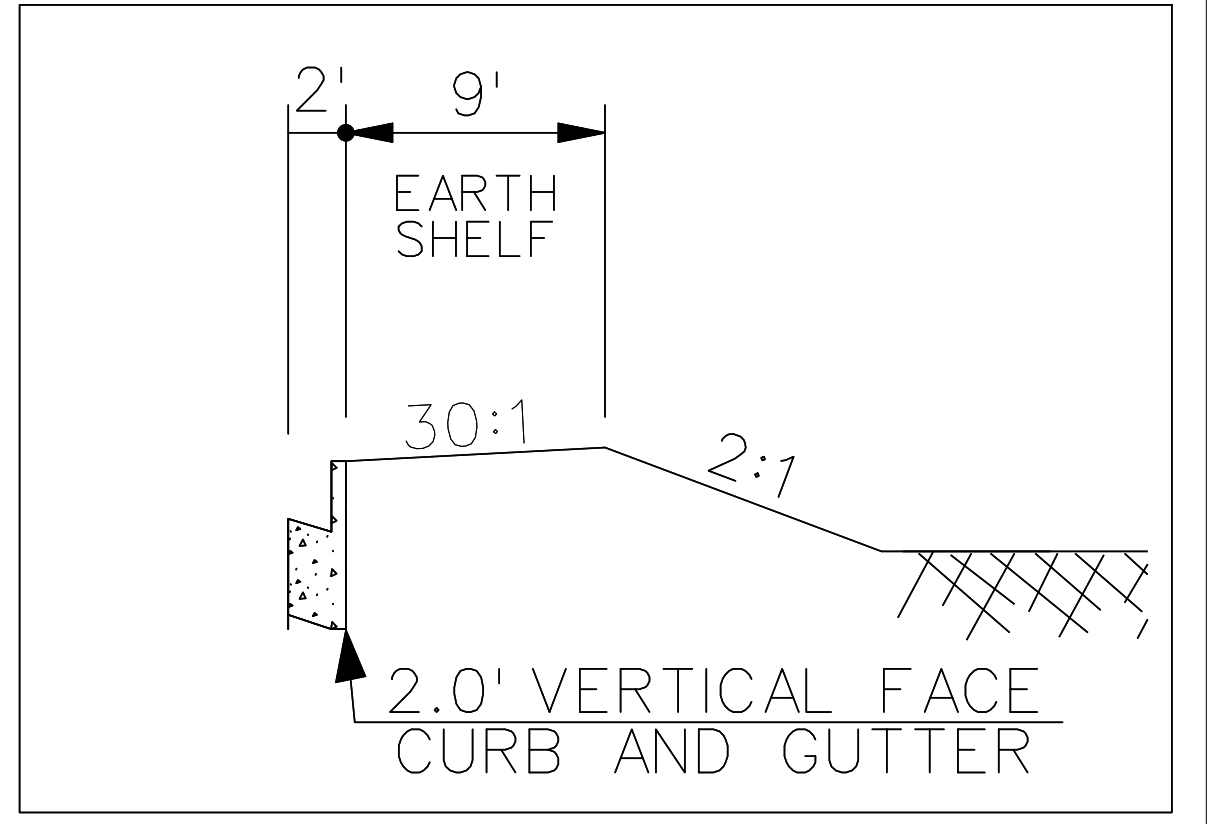
FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

- * VARIABLE - SEE CROSS SECTIONS
- FOR CONCRETE MEDIAN SEE PLAN VIEW AND CROSS SECTIONS
- + FULL PAVEMENT STRUCTURE TO BE REMOVED FROM STA. 80+50.00 TO STA. 83+00.00 BOTH LEFT AND RIGHT SIDE AND REPLACE WITH FULL PAVEMENT STRUCTURE TO PLAN GRADE.

TYPICAL SECTION



USE THIS SECTION ON S-59 (PARSONS ROAD) (LEFT & RIGHT SIDE) STA. 60+90.65 TO STA. 63+68.13



USE THIS SECTION ON S-59 (PARSONS ROAD) (RIGHT SIDE ONLY) STA. 63+68.13 TO STA. 65+94.87

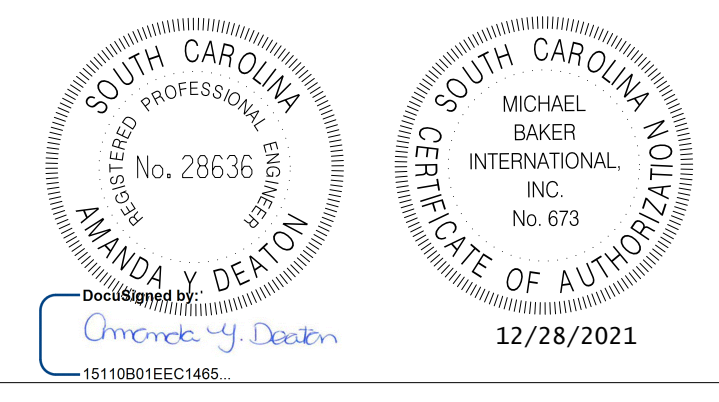
USE THIS SECTION ON S-59 (PARSONS ROAD) STA. 60+90.65 TO STA. 65+94.87
 USE THIS SECTION ON S-59 (PARSONS ROAD) STA. 74+42.38 TO STA. 74+54.84
 USE THIS SECTION ON S-131 (NORTH MAPLE STREET) STA. 74+54.84 TO STA. 78+92.00
 USE THIS SECTION ON S-131 (NORTH MAPLE STREET) STA. 79+23.85 TO STA. 91+16.71

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN LOCAL

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
PARSONS	S-59	35	60+90.65	74+54.84
NORTH MAPLE	S-131	35	74+54.84	91+16.17



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TYPICAL SECTION SHEET

SHEET 3 SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3A

TOWN OF SUMMERVILLE

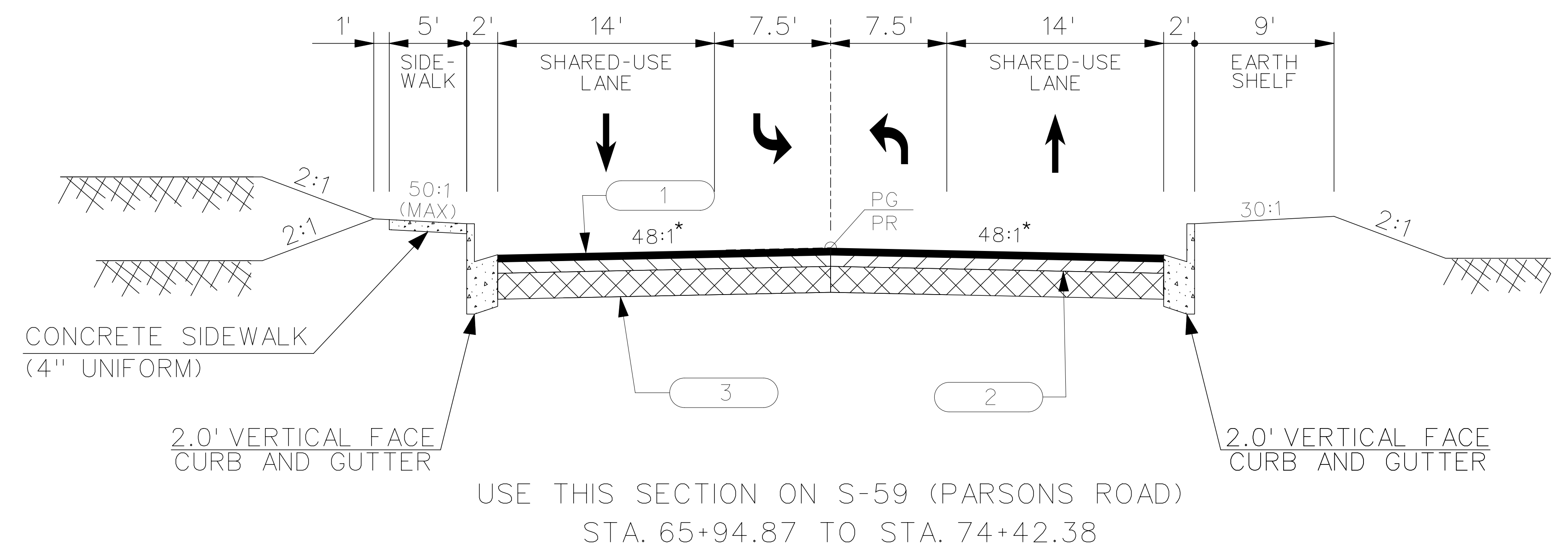


FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

* VARIABLE - SEE CROSS SECTIONS

TYPICAL SECTION

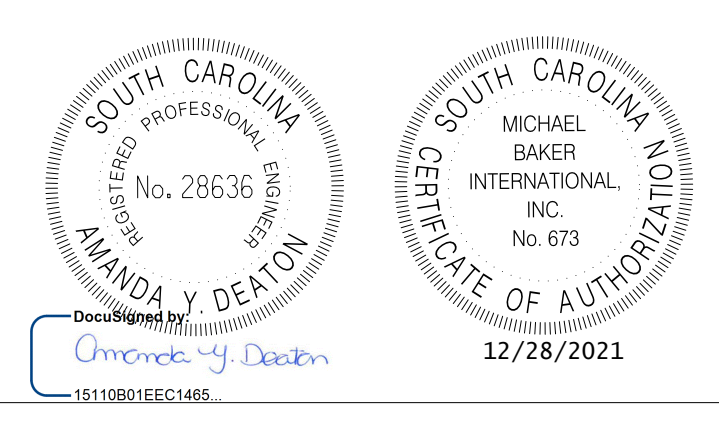
2



LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN LOCAL

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
PARSONS	S-59	35	60+90.65	74+54.84
NORTH MAPLE	S-131	35	74+54.84	91+16.17



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
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TOWN OF SUMMERVILLE	
S-131 (NORTH MAPLE STREET) TYPICAL SECTION SHEET	
SHEET 3A	SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3B

TOWN OF SUMMERVILLE

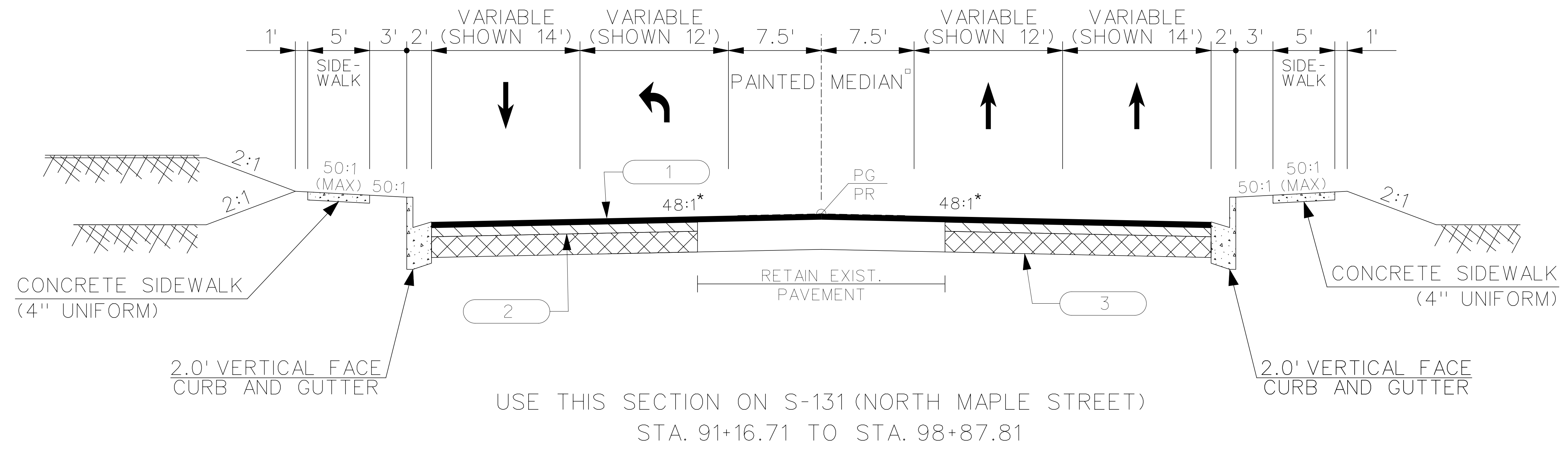


FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, CONCRETE MEDIANS HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS.

- * VARIABLE - SEE CROSS SECTIONS
- FOR CONCRETE MEDIAN SEE PLAN VIEW AND CROSS SECTIONS

TYPICAL SECTION

3



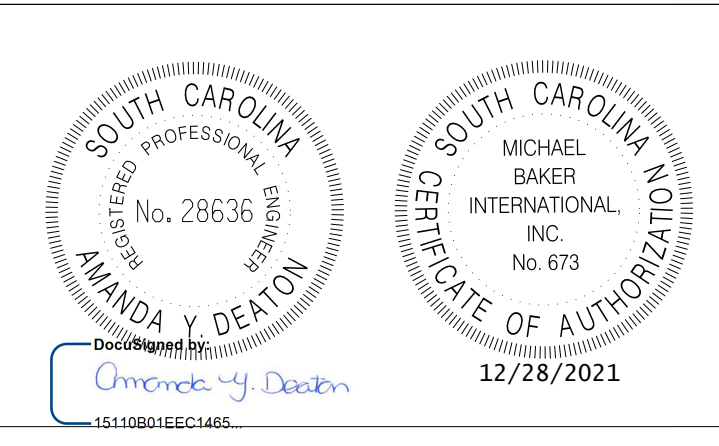
USE THIS SECTION ON S-131 (NORTH MAPLE STREET)
STA. 91+16.71 TO STA. 98+87.81

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN COLLECTOR

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
NORTH MAPLE	S-131	35	91 + 16.71	98 + 87.81



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE	
S-131 (NORTH MAPLE STREET) TYPICAL SECTION SHEET	
SHEET 3B	SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3C

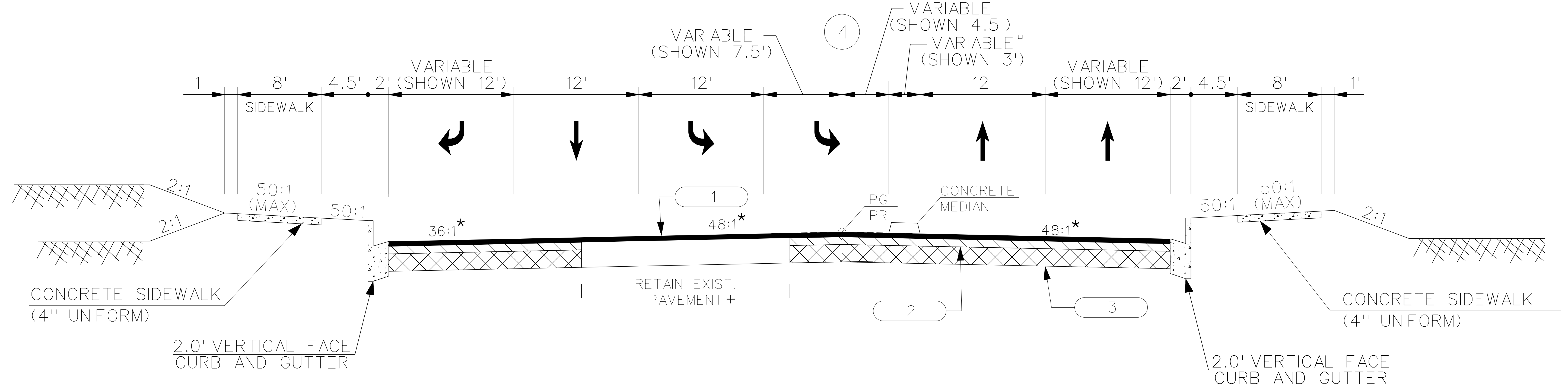
TOWN OF SUMMERVILLE



FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, CONCRETE MEDIANS HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS.

- * VARIABLE - SEE CROSS SECTIONS
- FOR CONCRETE MEDIAN SEE PLAN VIEW AND CROSS SECTIONS
- + FULL PAVEMENT STRUCTURE TO BE REMOVED 11 FEET FROM LEFT EOP FROM STA. 99+81.33 TO STA. 105+00.11 AND REPLACE WITH FULL PAVEMENT STRUCTURE TO PLAN GRADE.

TYPICAL SECTION



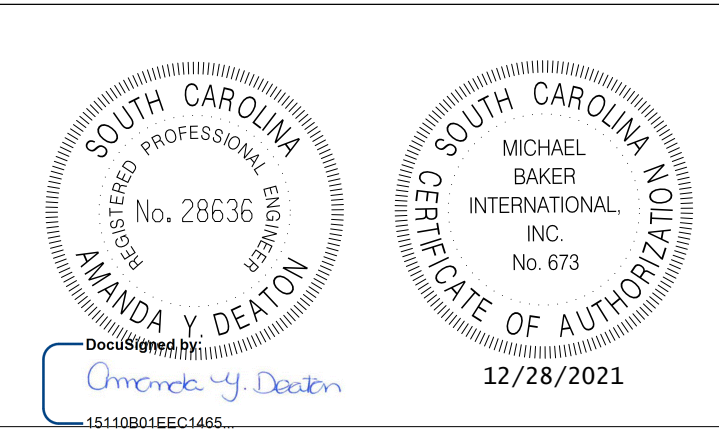
USE THIS SECTION ON S-131 (NORTH MAPLE STREET)
STA. 99+81.33 TO STA. 103+73.50

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN COLLECTOR

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
NORTH MAPLE	S-131	35	99+81.33	129+00.00



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
TYPICAL SECTION SHEET
SHEET 3C SCALE: NTS

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3D

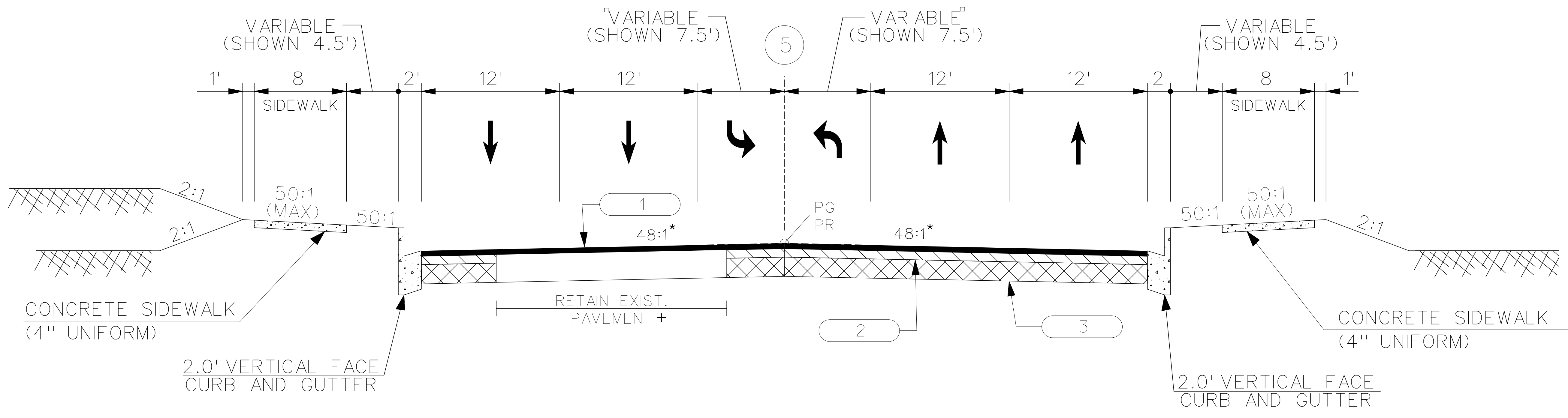
TOWN OF SUMMERVILLE



TYPICAL SECTION

FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, CONCRETE MEDIANS HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS.

- * VARIABLE - SEE CROSS SECTIONS
- FOR CONCRETE MEDIAN SEE PLAN VIEW AND CROSS SECTIONS
- + FULL PAVEMENT STRUCTURE TO BE REMOVED 11 FEET FROM LEFT EOP FROM STA. 99+81.33 TO STA. 105+00.11 AND 11.5 FEET FROM LEFT EOP FROM STA. 112+50.00 TO STA. 117+00.00 AND REPLACE WITH FULL PAVEMENT STRUCTURE TO PLAN GRADE.



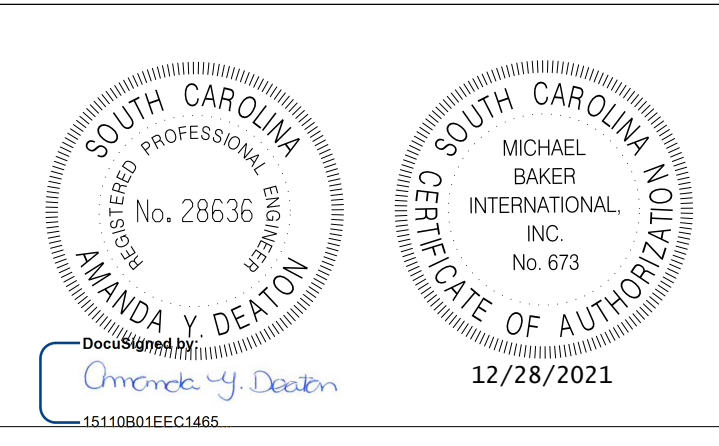
USE THIS SECTION ON S-131 (NORTH MAPLE STREET)
STA. 103+73.50 TO STA. 129+00.00

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN COLLECTOR

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
NORTH MAPLE	S-131	35	99+81.33	129+00.00



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
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 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
TYPICAL SECTION SHEET
SHEET 3D SCALE: NTS

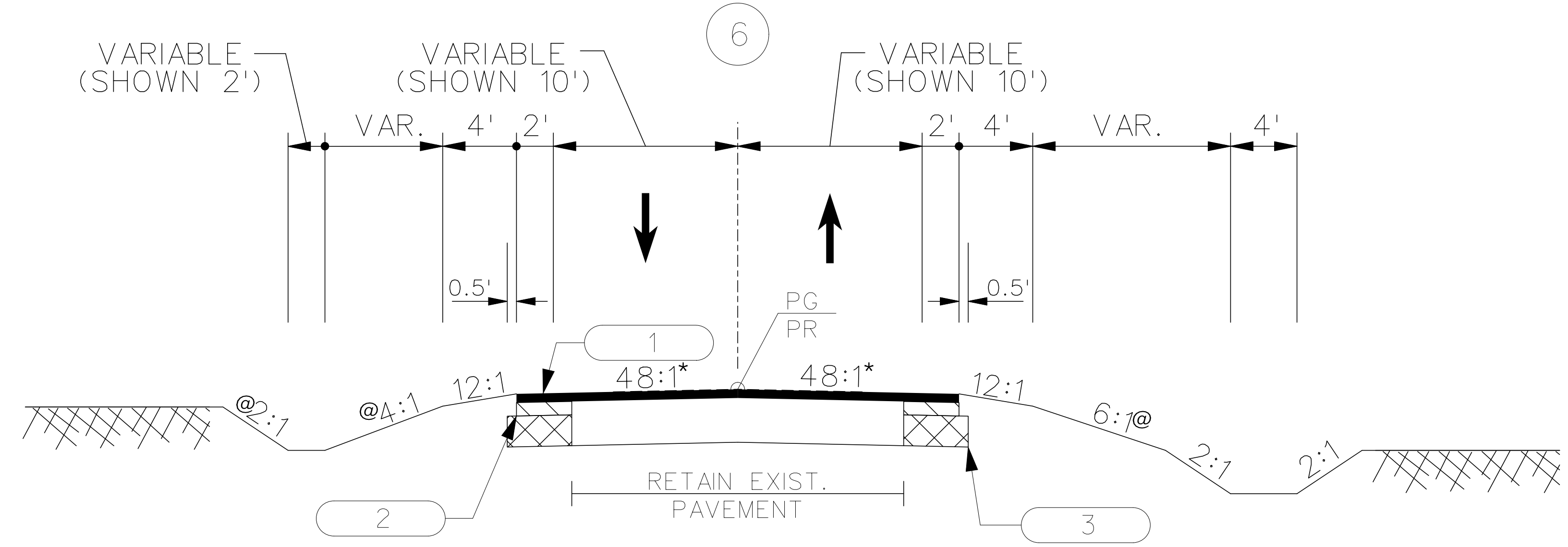
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3E

TOWN OF SUMMERVILLE



TYPICAL SECTION



FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

* VARIABLE - SEE CROSS SECTIONS
 @ THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES. USING A MINIMUM SLOPE OF 12:1 AND A MAXIMUM SLOPE OF 2:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 2:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE \varnothing CONTINUING THE 2:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH.

IN NON-CURB AND GUTTER AREAS WHERE THE WIDENING IS LESS THAN 2 FEET CONTRACTOR SHALL TRANSVERSALLY KEY-IN IN THE NEW WIDENING SECTION TO ENSURE ADEQUATE WIDTH FOR PROPER COMPACTION.

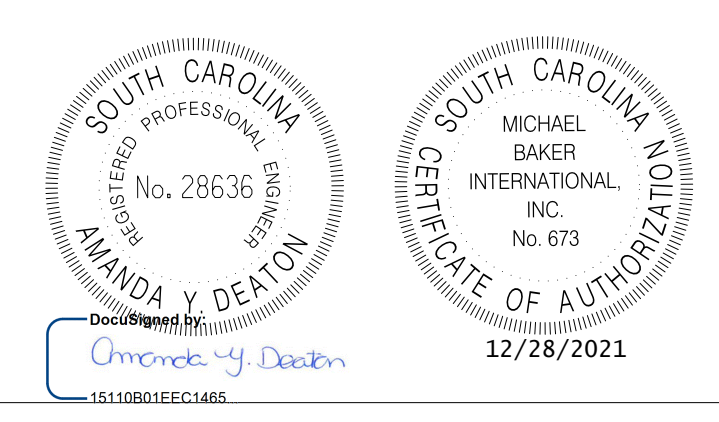
USE THIS SECTION ON LITTLE PARSONS COURT
 STA. 200+51.50 TO STA. 207+50.20

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
 URBAN LOCAL

DESIGN SPEED				
ROAD	LOCAL GROUP	MPH	FROM STA.	TO STA.
LITTLE PARSONS COURT	GROUP 3	35	200+21.50	207+50.20



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
 S-59 (PARSONS ROAD)
 TYPICAL SECTION SHEET
 SHEET 3E SCALE: NTS

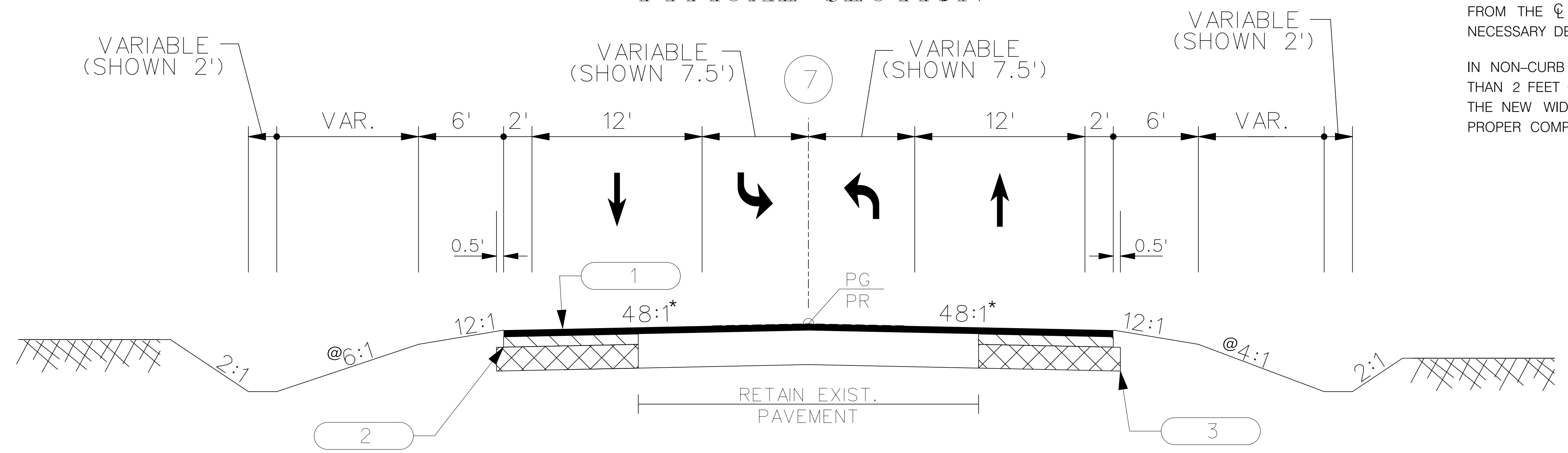
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3F

TOWN OF SUMMERVILLE



TYPICAL SECTION



FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

* VARIABLE - SEE CROSS SECTIONS

@ THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES. USING A MINIMUM SLOPE OF 12:1 AND A MAXIMUM SLOPE OF 4:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE \mathcal{C} CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH.

IN NON-CURB AND GUTTER AREAS WHERE THE WIDENING IS LESS THAN 2 FEET CONTRACTOR SHALL TRANSVERSALLY KEY-IN IN THE NEW WIDENING SECTION TO ENSURE ADEQUATE WIDTH FOR PROPER COMPACTION.

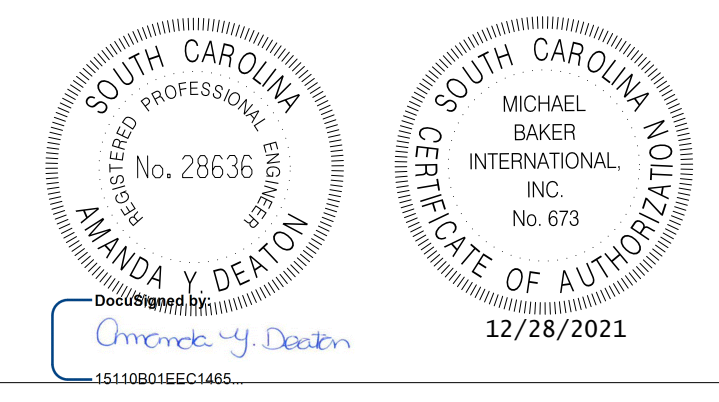
USE THIS SECTION ON S-65 (W RICHARDSON AVE)
STA. 303+21.58 TO STA. 310+79.57

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN COLLECTOR

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
W RICHARDSON	S-65	35	303+21.58	310+79.57



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
S-65 (W RICHARDSON AVE)
TYPICAL SECTION SHEET
SHEET 3F SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3G

TOWN OF SUMMERVILLE

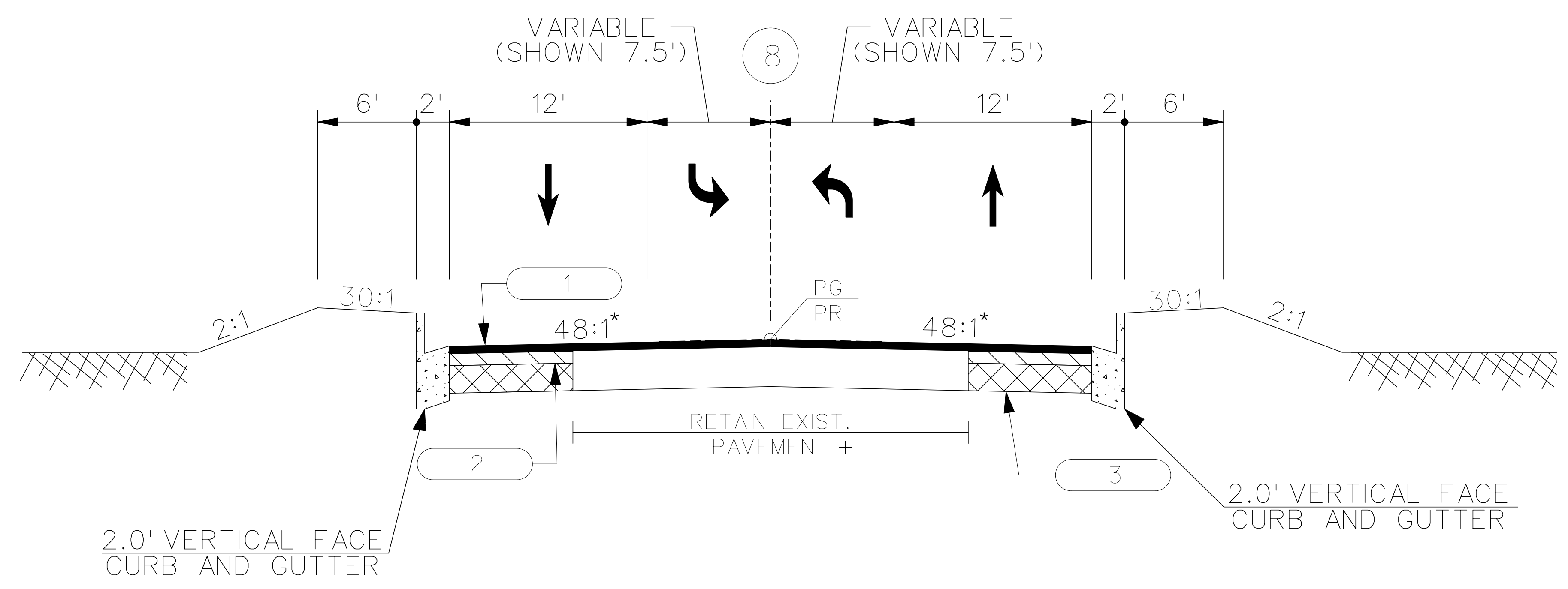


FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

* VARIABLE - SEE CROSS SECTIONS

+ FULL PAVEMENT STRUCTURE TO BE REMOVED FROM STA. 316+00.00 TO STA. 316+80.09 ON THE RIGHT SIDE AND REPLACE WITH FULL DEPTH PATCH TO PLAN GRADE.

TYPICAL SECTION



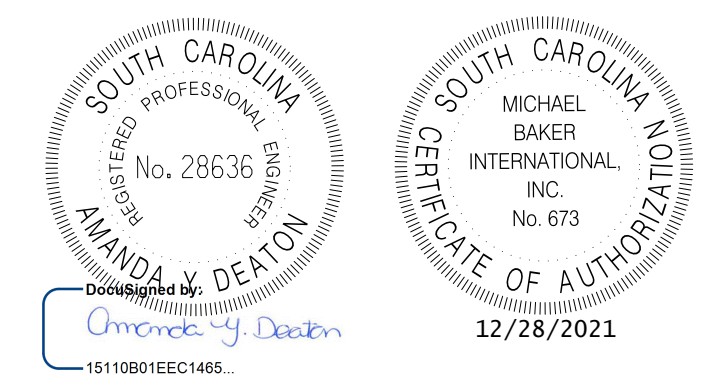
USE THIS SECTION ON S-65 (W RICHARDSON AVE)
STA. 311+24.18 TO STA. 316+80.09

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN COLLECTOR

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
W RICHARDSON	S-65	35	311+24.18	316+80.09



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
S-65 (W RICHARDSON AVE)
TYPICAL SECTION SHEET
SHEET 3G SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3H

TOWN OF SUMMERVILLE

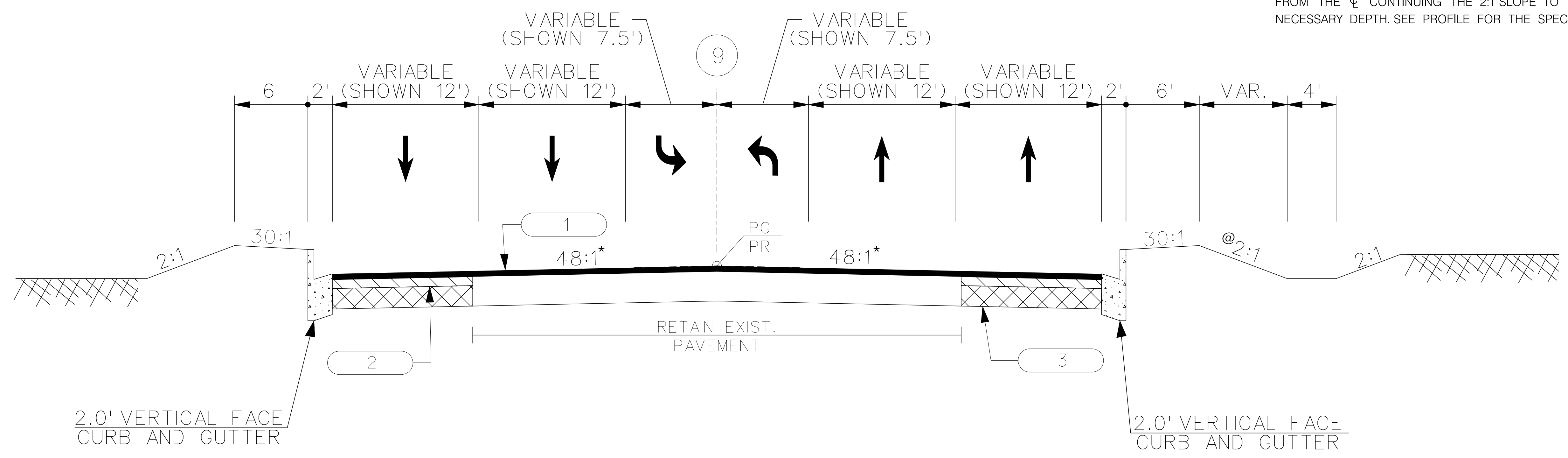


FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

* VARIABLE - SEE CROSS SECTIONS

@ THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES. USING A MINIMUM SLOPE OF 12:1 AND A MAXIMUM SLOPE OF 2:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 2:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE ϕ CONTINUING THE 2:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES.

TYPICAL SECTION



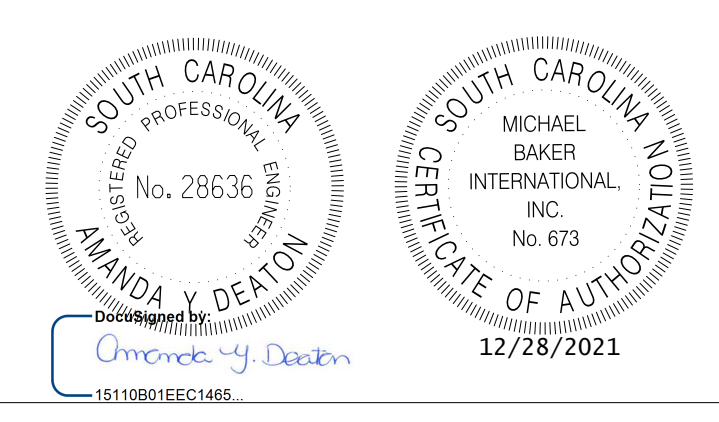
USE THIS SECTION ON US ROUTE 78 (W 5TH N STREET)
STA. 402+25.00 TO STA. 424+15.00

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN ARTERIAL

DESIGN SPEED				
ROAD	RTE.	MPH	FROM STA.	TO STA.
W 5TH N	US 78	40	402+25.00	424+15.00



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE	
US 78 (W 5TH N STREET) TYPICAL SECTION SHEET	
SHEET 3H	SCALE: NTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	31

TOWN OF SUMMERVILLE



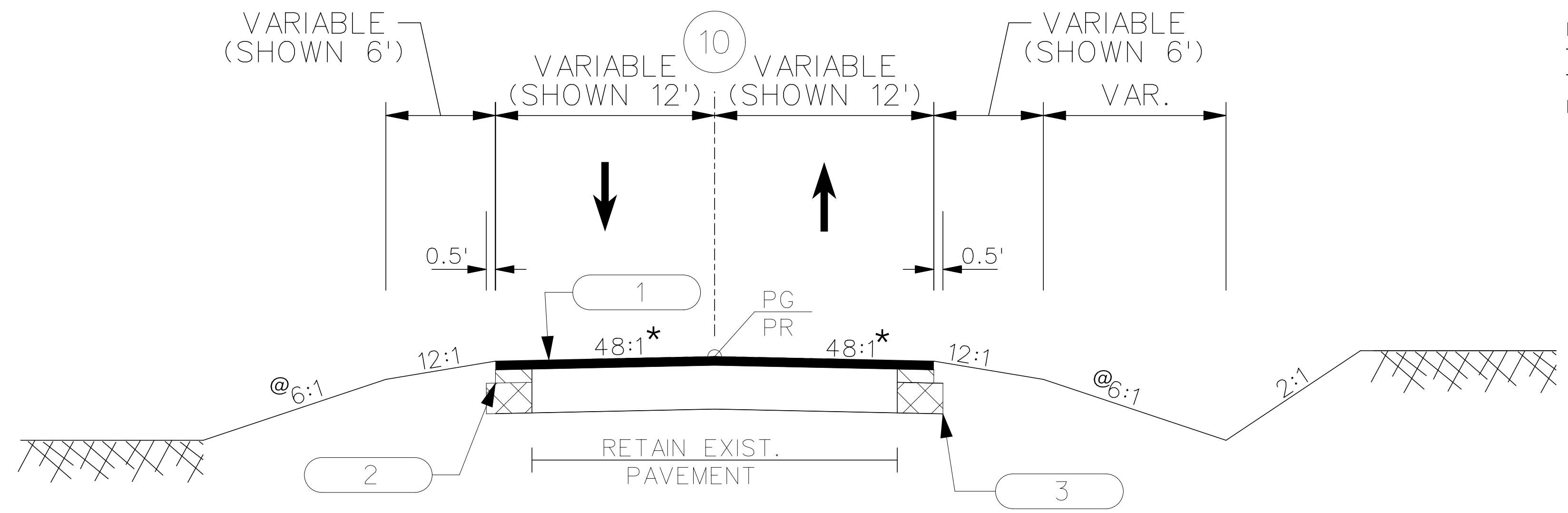
TYPICAL SECTION

FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES, HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

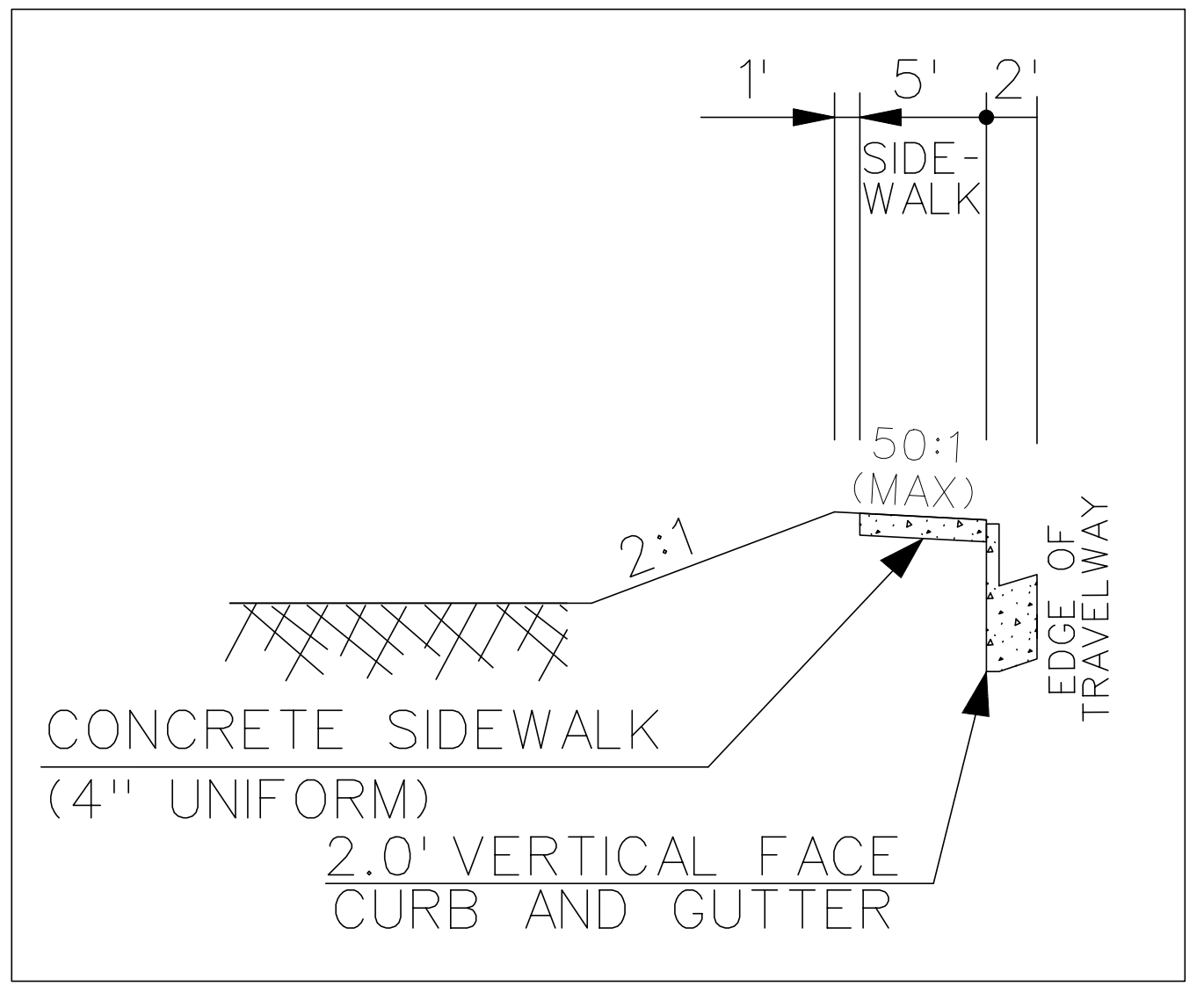
* VARIABLE - SEE CROSS SECTIONS

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IN NON-CURB AND GUTTER AREAS WHERE THE WIDENING IS LESS THAN 2 FEET CONTRACTOR SHALL TRANSVERSALLY KEY-IN IN THE NEW WIDENING SECTION TO ENSURE ADEQUATE WIDTH FOR PROPER COMPACTION.



USE THIS SECTION ON W DOTY AVENUE
 STA. 10+60.00 TO STA. 11+59.36
 STA. 12+03.72 TO STA. 12+95.00
 USE THIS SECTION ON S-357 (WEST 1ST NORTH STREET)
 STA. 10+21.50 TO STA. 11+21.71
 USE THIS SECTION ON S-579 (PIDGEON BAY ROAD)
 STA. 10+25.00 TO STA. 11+06.23



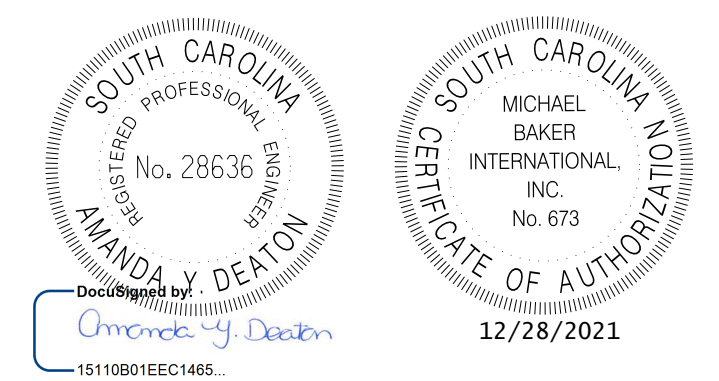
USE THIS SECTION ON S-357 (WEST 1ST NORTH STREET)
 STA. 10+21.50 TO STA. 11+21.71
 (LEFT SIDE ONLY)

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
URBAN LOCAL

DESIGN SPEED					
ROAD	RTE.	LOCAL GROUP	MPH	FROM STA.	TO STA.
W 1ST NORTH	S-357	GROUP 4	30	10+21.50	11+21.71
W DOTY AVE		GROUP 4	30	10+60.00	12+95.00
PIDGEON BAY RD	S-579	GROUP 4	30	10+25.00	11+06.23



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE	
SIDE ROADS TYPICAL SECTION SHEET	
SHEET 31	SCALE: NTS

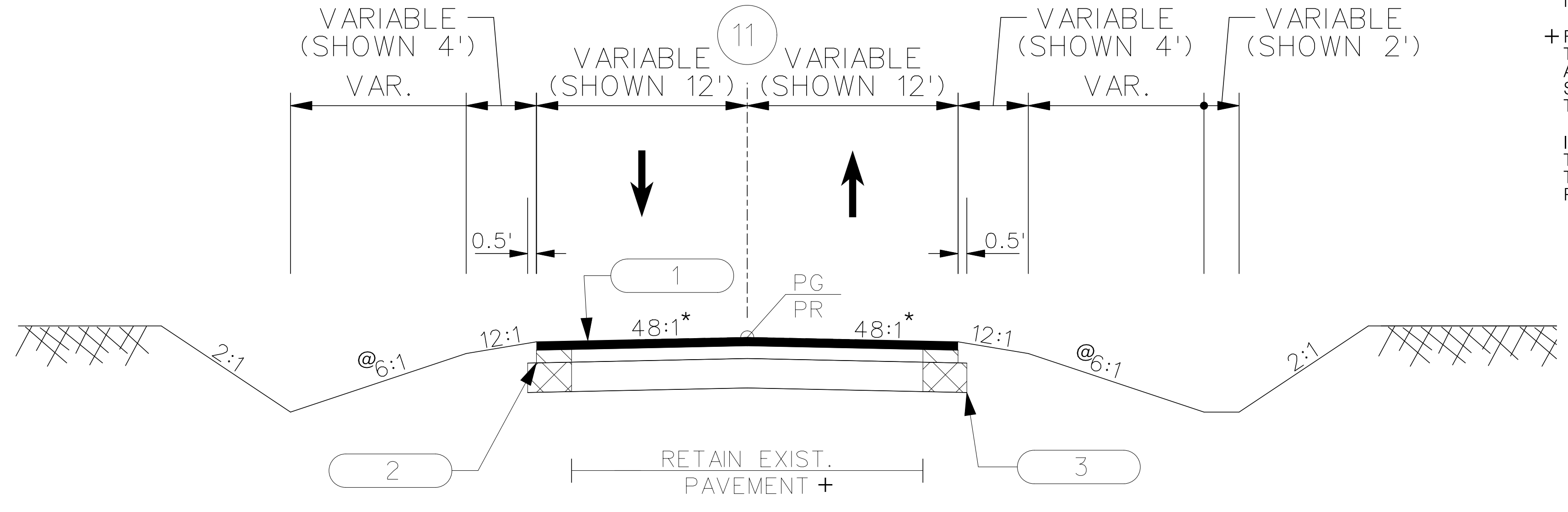
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3J

TOWN OF SUMMERVILLE



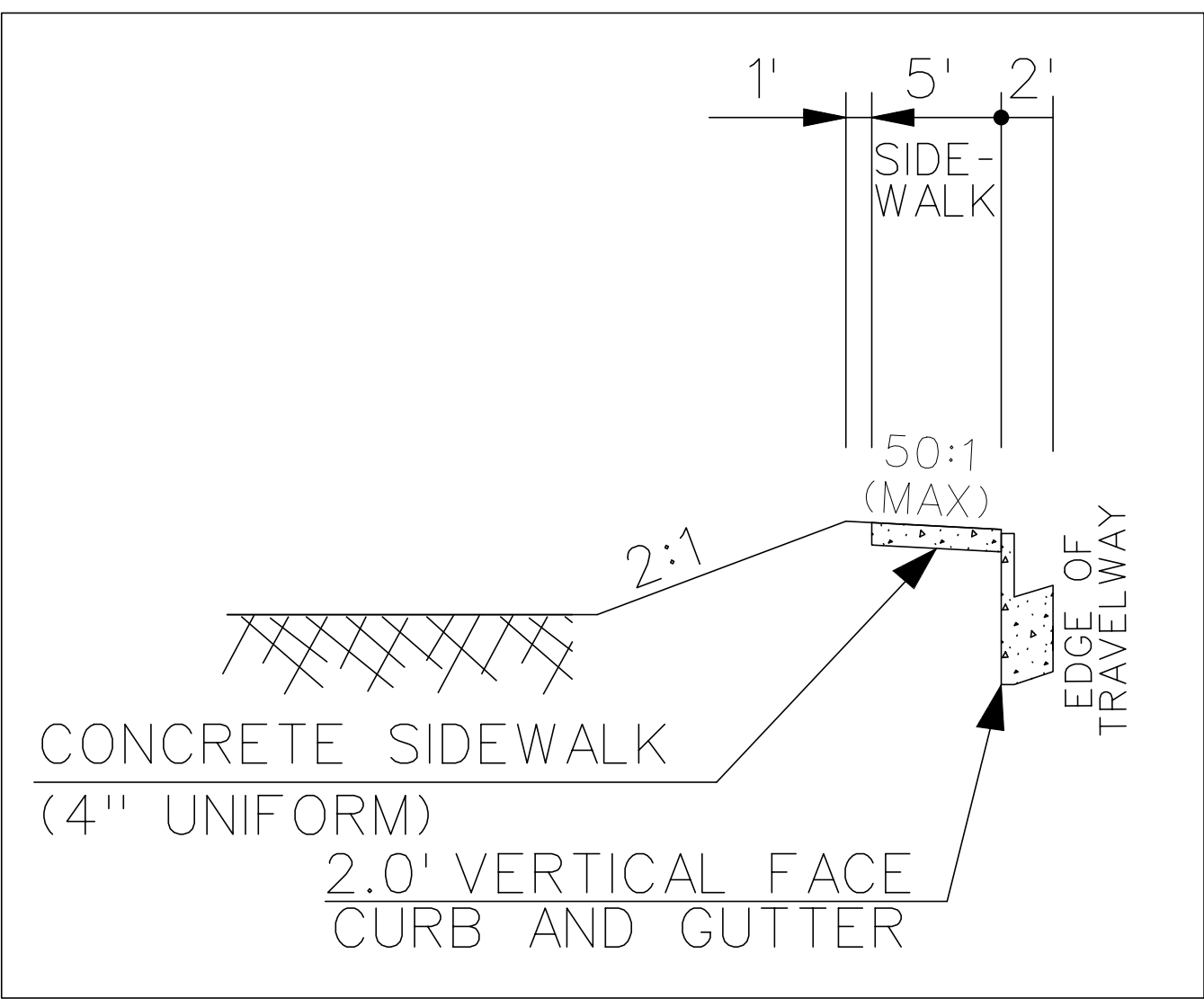
TYPICAL SECTION



USE THIS SECTION ON S-187 (WASSAMASSAW ROAD)
 STA. 10+31.60 TO STA. 11+40.30
 USE THIS SECTION ON GIBBS LOOP SOUTH
 STA. 10+19.14 TO STA. 11+29.67
 USE THIS SECTION ON SHAMROCK DRIVE
 STA. 10+31.57 TO STA. 11+39.69

FOR CURB AND GUTTER, SIDEWALKS, CONCRETE DRIVES,
 HANDICAP RAMPS, SEE 720 SERIES OF SCDOT STANDARD DRAWINGS

- * VARIABLE – SEE CROSS SECTIONS
- @ THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES. USING A MINIMUM SLOPE OF 12:1 AND A MAXIMUM SLOPE OF 2:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 2:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE ϕ CONTINUING THE 2:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH.
- + FULL PAVEMENT STRUCTURE TO BE REMOVED FROM STA. 10+19.14 TO STA. 11+29.67 BOTH LEFT AND RIGHT ON GIBBS LOOP SOUTH AND FROM STA. 10+31.57 TO STA. 11+39.69 BOTH LEFT AND RIGHT ON SHAMROCK DRIVE AND REPLACE WITH FULL PAVEMENT STRUCTURE TO PLAN GRADE.
- IN NON-CURB AND GUTTER AREAS WHERE THE WIDENING IS LESS THAN 2 FEET CONTRACTOR SHALL TRANSVERSALLY KEY-IN IN THE NEW WIDENING SECTION TO ENSURE ADEQUATE WIDTH FOR PROPER COMPACTION.



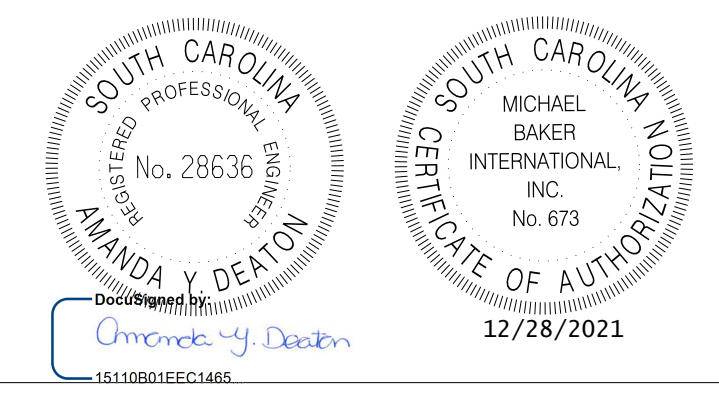
USE THIS SECTION
 ON S-187 (WASSAMASSAW ROAD)
 STA. 10+31.60 TO STA. 11+40.30
 (LEFT SIDE ONLY)

USE HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B FOR AREAS THAT REQUIRE BUILD-UP BASED ON CROSS SECTIONS

LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (200 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (600 LBS/SY)

FUNCTIONAL CLASS
 URBAN LOCAL

DESIGN SPEED					
ROAD	RTE.	LOCAL GROUP	MPH	FROM STA.	TO STA.
WASSAMASSAW	S-187	GROUP 3	35	10 + 31.60	11 + 40.30
GIBBS LOOP S		GROUP 1	20	10 + 19.14	11 + 29.67
SHAMROCK		GROUP 1	25	10 + 31.57	11 + 39.69



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

SIDE ROADS
 TYPICAL SECTION SHEET

SHEET 3J SCALE: NTS

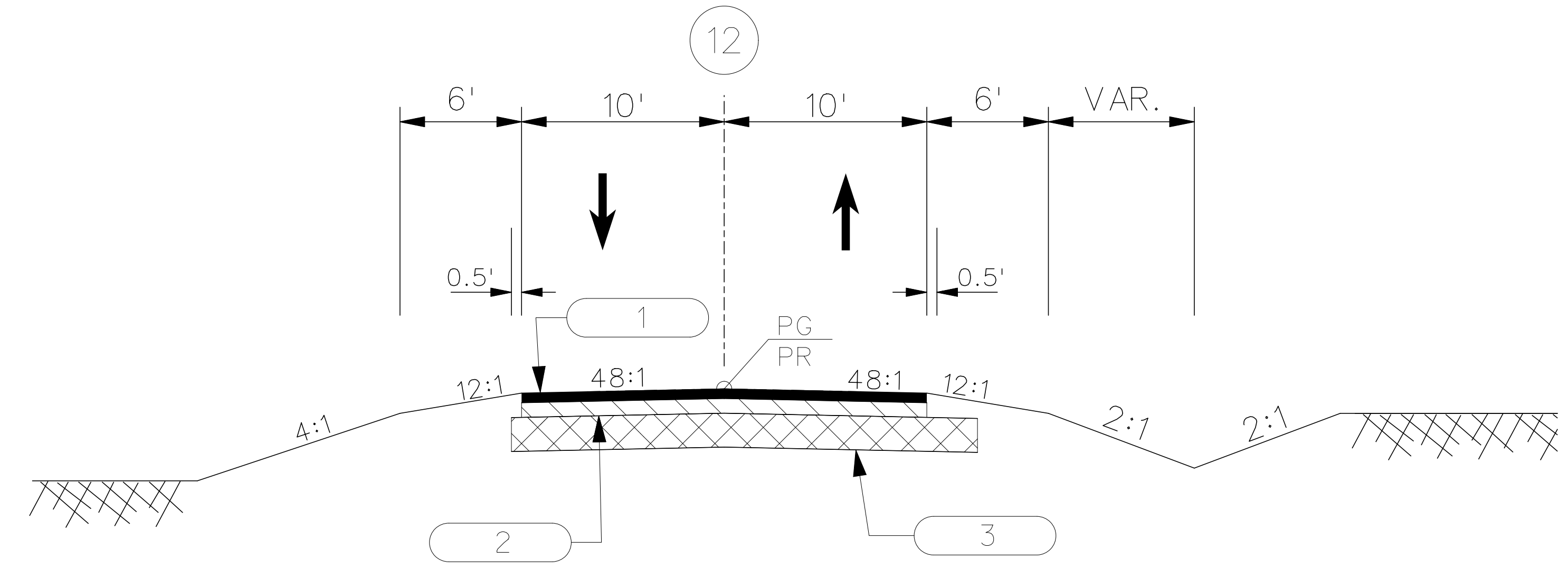
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	3K

TOWN OF SUMMERVILLE



TYPICAL SECTION



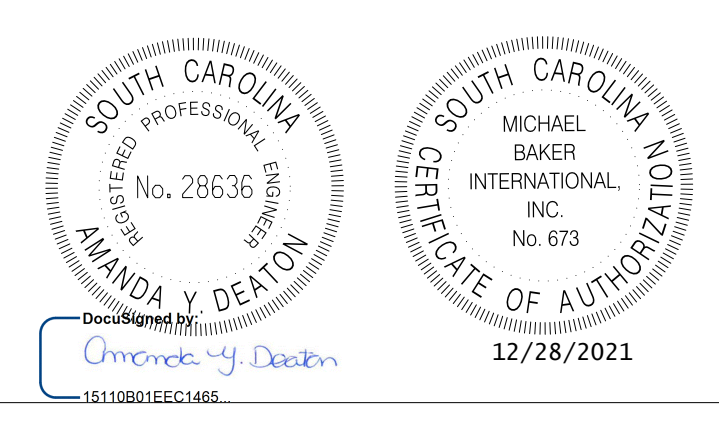
USE THIS SECTION ON TRACT 8 DRIVEWAY
STA. 10+17.11 TO STA. 16+23.46

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LEGEND	
1	HOT MIX ASPHALT SURFACE COURSE TYPE C (220 LBS/SY)
2	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C (275 LBS/SY)
3	HOT MIX ASPHALT BASE COURSE TYPE A (385 LBS/SY)

FUNCTIONAL CLASS
N/A

DESIGN SPEED					
ROAD	RTE.	LOCAL GROUP	MPH	FROM STA.	TO STA.
TRACT 8 DW		N/A	N/A	10 + 31.60	11 + 40.30



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

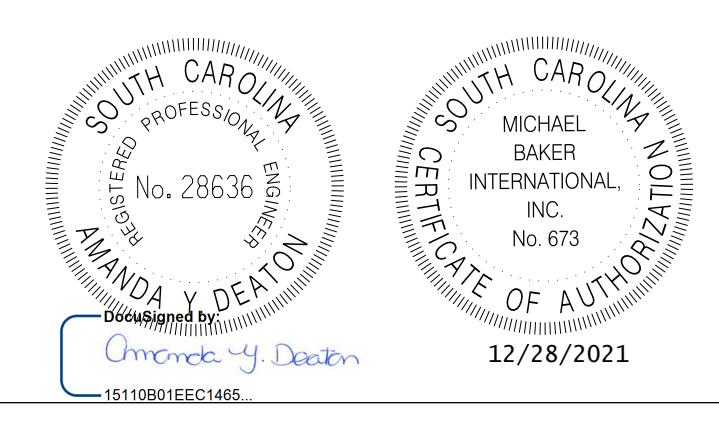
TOWN OF SUMMERVILLE	
TRACT 8 DRIVEWAY TYPICAL SECTION SHEET	
SHEET 3K	SCALE: NTS

RIGHT-OF-WAY DATA SHEET

ROW PLANS TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN ^A			REMAINDER LEFT ACRES ^B	REMAINDER RIGHT ACRES ^B	DATE ACQUIRED	TYPE OF INSTRUMENT	OUTFALL DITCH PERMISSION (YES)	SLOPE PERMISSION (YES)	DRAINAGE STRUCTURE PERMISSION (YES)	EROSION CONTROL PERMISSION (YES)	ENTRANCE CONSTRUCTION PERMISSION (YES)	REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT										
1	Eliza Hollimon	137-01-00-041	0.62													
2	Robert Buckler	137-01-00-010	0.36													
3	Robert Buckler	137-01-00-031	0.13													
4	Woodlands Village, LLC	137-00-00-002	29.51		79342.65 FT	77851.92 FT 1.787 AC	157194.57 FT									
5	Robert Buckler	137-01-00-009	0.23								YES					
6	Johnnie Leach	137-01-00-007	0.23		553.95 FT 0.013 AC		553.95 FT 0.013 AC									
7	Landy & Lenora Miller	137-01-00-006	0.96		1593.12 FT 0.037 AC		1593.12 FT 0.037 AC									
8	Billy C & Panzy C Ramsey Trustee	137-01-00-005	3.30								YES		YES	YES		
9	Patrick Miller	130-13-00-055	0.35													
10	Carolyn D Rutherford P Smith	130-13-00-014	1.02		3713.69 FT 0.085 AC		3713.69 FT 0.085 AC				YES					
11	Leonard Mazyck	130-13-00-017	0.20		5069.09 FT 0.116 AC		5069.09 FT 0.116 AC									
12	Willie Limehouse	130-13-00-018	0.20		641.03 FT 0.015 AC		641.03 FT 0.015 AC				YES	YES	YES			
13	Gloria Goodwine & Virtell Shabazz	130-13-00-019	0.20		711.41 FT 0.016 AC		711.41 FT 0.016 AC									
14	Henrietta Johnson	130-13-00-020	0.18		528.33 FT 0.012 AC		528.33 FT 0.012 AC				YES		YES			
15	Edward Washington	130-13-00-021	0.20		500.09 FT 0.012 AC		500.09 FT 0.012 AC				YES	YES	YES	YES		
16	Edward L & Blanche C Washington	130-13-00-022	0.24		644.27 FT 0.015 AC		644.27 FT 0.015 AC				YES		YES	YES		
17	Albert Glover Properties	130-13-00-047	0.44			4248.89 FT 0.098 AC	4248.89 FT 0.098 AC									
18	Norton Properties LLC	130-10-00-096	1.72													
19	Tonny Geddis	130-13-00-048	0.17			1069.14 FT 0.025 AC	1069.14 FT 0.025 AC									
20	Leonard Mazyck & John Smalls Jr	130-13-00-046	0.13			1066.17 FT 0.025 AC	1066.17 FT 0.025 AC									
21	Elvenia Young & Elbert Hutchinson	130-13-00-024	0.10		240.82 FT 0.006 AC		240.82 FT 0.006 AC						YES			
22	William Sanders Jr & Vivian B Sanders	130-13-00-023	0.22		724.86 FT 0.017 AC		724.86 FT 0.017 AC				YES		YES			
23	Kapstone Charleston Kraft, LLC	130-13-00-083	41.78		10923.41 FT		10923.41 FT 0.251 AC				YES	YES	YES			
24	Norfolk Southern Railroad Company															
25	Norton Properties LLC	130-10-00-035	0.64*											YES		
26	Sandra V & Bennett W Mazyck	130-10-00-039	0.45*		259.85 FT 0.006 AC		259.85 FT 0.006 AC							YES		
27	Joe Nathan Black	130-13-00-051	0.23			1332.83 FT 0.031 AC	1332.83 FT 0.031 AC									
28	Henderson Gibbs Jr & John Murray Gibbs	130-13-00-050	0.65			2085.29 FT 0.048 AC	2085.29 FT 0.048 AC									
29	Brownsville Community Church of God	130-13-00-049	0.53			1126.26 FT 0.026 AC	1126.26 FT 0.026 AC				YES	YES	YES			

NOTES:
^A TOTAL OBTAIN INCLUDES HIGHLAND, MARSH AND OUTFALL DITCHES.
 OBTAINS WILL BE SHOWN IN SQUARE FEET AND ACRES. ACRES WILL BE SHOWN IN PARENTHESES UNDER SQUARE FEET. IN RURAL AREAS OBTAINS MAY BE SHOWN IN ACRES ONLY. OUTFALL DITCHES WILL BE SHOWN IN ACRES ONLY.
^B SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RIGHT-OF-WAY DATA SHEET

SHEET 4 SCALE: NTS

RIGHT-OF-WAY DATA SHEET

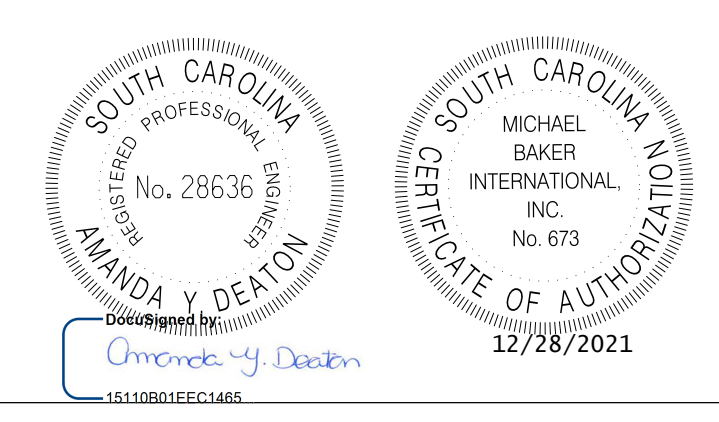
ROW PLANS TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN			REMAINDER LEFT ACRES'	REMAINDER RIGHT ACRES'	DATE ACQUIRED	TYPE OF INSTRUMENT	OUTFALL DITCH PERMISSION (YES)	SLOPE PERMISSION (YES)	DRAINAGE STRUCTURE PERMISSION (YES)	EROSION CONTROL PERMISSION (YES)	ENTRANCE CONSTRUCTION PERMISSION (YES)	REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT										
30	Baum Temple AME Zion	130-13-00-062	1.36			2885.94 FT 0.067 AC	2885.94 FT 0.067 AC									
31	Kapstone Charleston Kraft, LLC	130-13-00-085	5.21			4094.95 FT 0.094 AC	4094.95 FT 0.094 AC				YES	YES	YES			
32	Kapstone Charleston Kraft, LLC	130-13-00-079	0.09			636.18 FT 0.015 AC	636.18 FT 0.015 AC				YES		YES			
33	Kapstone Charleston Kraft, LLC	130-13-00-081	0.45		1096.95 FT 0.025 AC		1096.95 FT 0.025 AC						YES			
34	Kapstone Charleston Kraft, LLC	130-13-00-082	0.69		1367.29 FT 0.031 AC		1367.29 FT 0.031 AC						YES			
35	Kapstone Charleston Kraft, LLC	130-09-00-007	2.39		2692.14 FT 0.062 AC		2692.14 FT 0.062 AC				YES		YES			
36	C S Carter	130-09-00-006	1.85		13775.54 FT ²		13775.54 FT ²									
37	CDLM Remaining Properties, LLC	130-13-00-078	1.05			4769.51 FT 0.110 AC	4769.51 FT ² 0.110 AC									
38	Walter G Wall Jr	130-14-00-001	2.42			8929.37 FT 0.205 AC	8929.37 FT 0.205 AC						YES	YES		
39	Hills Automotive LLC	130-09-00-008	1.47		911.45 FT 0.021 AC		911.45 FT 0.021 AC				YES	YES	YES	YES		
40	Gayle E Schoen & Ann S Schoen (Trustee)	130-09-00-003	8.94		136.84 FT ² 0.003 AC		136.84 FT ² 0.003 AC				YES		YES			
41	C S Carter	130-09-00-002	5.03		2654.78 FT 0.061 AC		2654.78 FT ² 0.061 AC									
42	Rudolph Rochester Ford, Et Al	130-09-00-001	5.96		1765.32 FT 0.041 AC		1765.32 FT 0.041 AC					YES				
43	Walter G Wall Jr	130-10-00-022	4.23			25517.54 FT 0.586 AC	25517.54 FT 0.586 AC									
44	Thomas A Limehouse	130-10-00-066	0.34			9247.98 FT 0.212 AC	9247.98 FT 0.212 AC				YES		YES			
45	Ernest M Smith	130-10-00-082	1.10		3259.73 FT 0.075 AC		3259.73 FT 0.075 AC									
46	Florence Muckelvaney Life Estate	130-10-00-021	1.41		861.98 FT 0.020 AC		861.98 FT 0.020 AC				YES	YES	YES	YES		
47	Grayson Knight	130-10-00-020	0.54		421.61 FT 0.010 AC		421.61 FT 0.010 AC									
48	Summer Village MHP, LLC	130-10-00-090	22.69								YES		YES			
49	Ernest U & Johnnie G Mazzyck	130-10-00-018	0.64								YES	YES	YES			
50	David A Byrd	130-10-00-016	0.73													
51	Wanda G Byrd	130-10-00-017	0.21		214.74 FT 0.005 AC		214.74 FT 0.005 AC									
52	Ernest U & Johnnie G MaZzyck	130-10-00-015	0.51		537.87 FT 0.012 AC		537.87 FT 0.012 AC					YES				
53	Thomas A Limehouse	130-10-00-068	0.39			7083.16 FT 0.163 AC	7083.16 FT 0.163 AC				YES		YES			
54	Clarence B Brown Et Al	130-10-00-092	0.12			1516.47 FT 0.035 AC	1516.47 FT 0.035 AC						YES			
55	Albert A Glover Properties LLC	130-10-00-069	0.27			4026.98 FT 0.092 AC	4026.98 FT 0.092 AC									
56	Cornelius Smith	130-10-00-095 130-10-00-085	0.38			4085.72 FT 0.094 AC	4085.72 FT 0.094 AC									
57	David & Beatrice Lemon	130-10-00-070	1.78			14689.60 FT 0.337 AC	14689.60 FT 0.337 AC					YES				
58	Barbara W White	130-10-00-011	0.49								YES	YES		YES		
59	Noah Gibbs, Et Al	130-10-00-007	4.76								YES	YES	YES	YES		

NOTES:

A TOTAL OBTAIN INCLUDES HIGHLAND, MARSH AND OUTFALL DITCHES. OBTAINS WILL BE SHOWN IN SQUARE FEET AND ACRES. ACRES WILL BE SHOWN IN PARENTHESES UNDER SQUARE FEET. IN RURAL AREAS OBTAINS MAY BE SHOWN IN ACRES ONLY. OUTFALL DITCHES WILL BE SHOWN IN ACRES ONLY.

B SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.

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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RIGHT-OF-WAY DATA SHEET

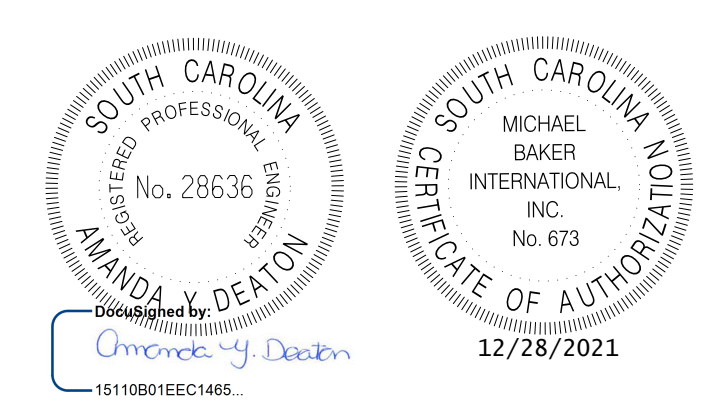
SHEET 4A SCALE: NTS

RIGHT-OF-WAY DATA SHEET

ROW PLANS TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN'			REMAINDER LEFT ACRES'	REMAINDER RIGHT ACRES'	DATE ACQUIRED	TYPE OF INSTRUMENT	OUTFALL DITCH PERMISSION (YES)	SLOPE PERMISSION (YES)	DRAINAGE STRUCTURE PERMISSION (YES)	EROSION CONTROL PERMISSION (YES)	ENTRANCE CONSTRUCTION PERMISSION (YES)	REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT										
60	Deidra Moore	130-10-00-006	0.72									YES	YES	YES		
61	Carolyn P Hadler	130-10-00-004	1.19									YES	YES	YES		
62	William Tolman Salisbury Family LP	130-00-00-004	142.18		5360.64 FT 0.123 AC		5360.64 FT 0.123 AC					YES		YES		
63	Donna M Scott	130-10-00-110	0.5			5086.66 FT 0.117 AC	5086.66 FT 0.117 AC					YES	YES	YES	YES	
64	Stephen G Scott	130-10-00-051	0.92			5382.15 FT 0.124 AC	5382.15 FT 0.124 AC									
65	Naomi W Nolan	130-10-02-002	0.19			2216.19 FT 0.051 AC	2216.19 FT 0.051 AC									
66	William T Salisbury & Kathy Jean (JTROS)	130-00-00-005	2.79		2342.36 FT 0.054 AC		2342.36 FT 0.054 AC					YES	YES	YES	YES	
67	Jennifer S & Danny L II Wright	130-00-00-006	1.18		1810.19 FT 0.042 AC		1810.19 FT 0.042 AC							YES		
68	Beatrice S Gilliard	130-10-02-001	0.19			2382.04 FT 0.055 AC	2382.04 FT 0.055 AC									
69	M Jackson (Trustee)	130-10-01-002	0.22			2471.17 FT 0.057 AC	2471.17 FT 0.057 AC									
70	Marie Mozee	130-10-01-001	0.24			2329.91 FT 0.054 AC	2329.91 FT 0.054 AC									
71	William Tolman Salisbury Family LP	130-00-00-018	5.62			9280.48 FT 0.213 AC	9280.48 FT 0.213 AC					YES		YES		
72	Rosemary S Harper Ward Trustee	130-00-00-008	24.98													
73	J & B Partnership, A SC Gen PTRS	130-13-00-013	2.19		6928.23 FT 0.159 AC		6928.23 FT 0.159 AC								YES	
74	Elvenia Young & Elbert Hutchinson	130-13-00-025	0.11		242.09 FT 0.006 AC		242.09 FT 0.006 AC							YES		
75	Linda H Patton	130-13-00-026	0.34		415.09 FT 0.010 AC		415.09 FT 0.010 AC					YES	YES	YES		
76	Jay Cameron	130-13-00-027	0.36		851.47 FT 0.020 AC		851.47 FT 0.020 AC									
77	Albert A Glover Properties	130-13-00-089	1.55		1580.53 FT 0.036 AC		1580.53 FT 0.036 AC									
78	Ryan Perez Management LLC	130-09-00-013	4.61		934.22 FT 0.021 AC		934.22 FT 0.021 AC					YES	YES	YES	YES	
79	Fairsprings Development Co Inc	130-10-00-076	0.52		2807.34 FT 0.064 AC		2807.34 FT 0.064 AC									
80	Hazel Humes	130-10-00-088	0.21		759.64 FT 0.017 AC		759.64 FT 0.017 AC									
81	Alphonso E Willis, Et Al	130-10-00-078	0.18		1032.70 FT 0.024 AC		1032.70 FT 0.024 AC								YES	
82	Eugene H Willis	130-10-00-047	0.22		1457.64 FT 0.034 AC		1457.64 FT 0.034 AC									
83	Thomasena Gibbs	130-10-00-106	0.11			716.37 FT 0.016 AC	716.37 FT 0.016 AC									
84	Linda Dewsee	130-10-00-104	0.29			2689.11 FT 0.062 AC	2689.11 FT 0.062 AC									
85	Constance & James Simmons Johnson (Trustee)	130-10-00-026	0.52			3697.22 FT 0.085 AC	3697.22 FT 0.085 AC									
86	Willie Lee Sheppard	130-13-00-038	0.32*											YES		
87	Timothy Aiken	130-13-00-037	0.34*											YES		
88	Almena Cummings	130-13-00-036	0.68*													
89	Anthony M Lemon	130-13-00-035	0.64													

NOTES:
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 OBTAINS WILL BE SHOWN IN SQUARE FEET AND ACRES. ACRES WILL BE SHOWN IN PARENTHESES UNDER SQUARE FEET. IN RURAL AREAS OBTAINS MAY BE SHOWN IN ACRES ONLY. OUTFALL DITCHES WILL BE SHOWN IN ACRES ONLY.
B SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.

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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RIGHT-OF-WAY DATA SHEET

SHEET 4B SCALE: NTS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4C

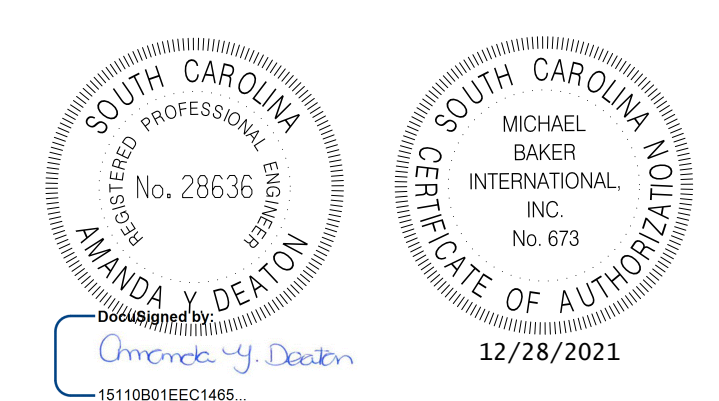
RIGHT-OF-WAY DATA SHEET

ROW PLANS TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN'			REMAINDER LEFT ACRES'	REMAINDER RIGHT ACRES'	DATE ACQUIRED	TYPE OF INSTRUMENT	OUTFALL DITCH PERMISSION (YES)	SLOPE PERMISSION (YES)	DRAINAGE STRUCTURE PERMISSION (YES)	EROSION CONTROL PERMISSION (YES)	ENTRANCE CONSTRUCTION PERMISSION (YES)	REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT										
90	Bankers Trust Company As Trustee	130-13-00-034	1.16												YES	
91	James L Robinson	130-13-00-012	0.63*								YES					
92	Christian Wright	130-10-00-046	0.4		1592.75 FT 0.037 AC		1592.75 FT 0.037 AC								YES	
93	Dorchester County School District Two	130-14-00-003	36.29			10816.04 FT	10816.04 FT				YES				YES	
94	Christia D Pennington	130-10-00-044	0.24		963.91 FT 0.022 AC		963.91 FT 0.022 AC								YES	
95	Marlie Enterprises	130-10-00-041	0.63*		820.55 FT 0.019 AC		820.55 FT 0.019 AC									
96	Judy Sampson Et Al	130-10-00-117	0.82		1699.53 FT 0.039 AC		1699.53 FT 0.039 AC									
97	Salisbury William Tolman Jr	130-00-00-020	2.27		266.10 FT2 0.006 AC		266.10 FT2 0.006 AC						YES			
98	Salisbury William Tolman Family LP	130-00-00-034	2.71													
99	Salisbury William T Jr	130-00-00-033	46.7													
100	Pansy C. Ramsey Trustee	137-01-00-004	5.16													

NOTES:

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^B SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.



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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RIGHT-OF-WAY DATA SHEET

SHEET 4C SCALE: NTS

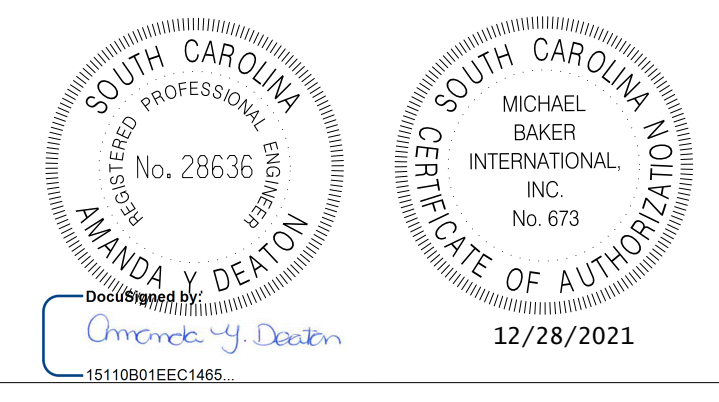
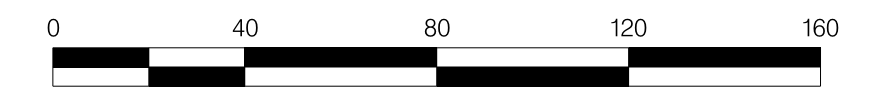
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4D



MATCHLINE STA. 202+00.00
SEE SHEET 4K

MATCHLINE STA. 69+00.00
SEE SHEET 4E



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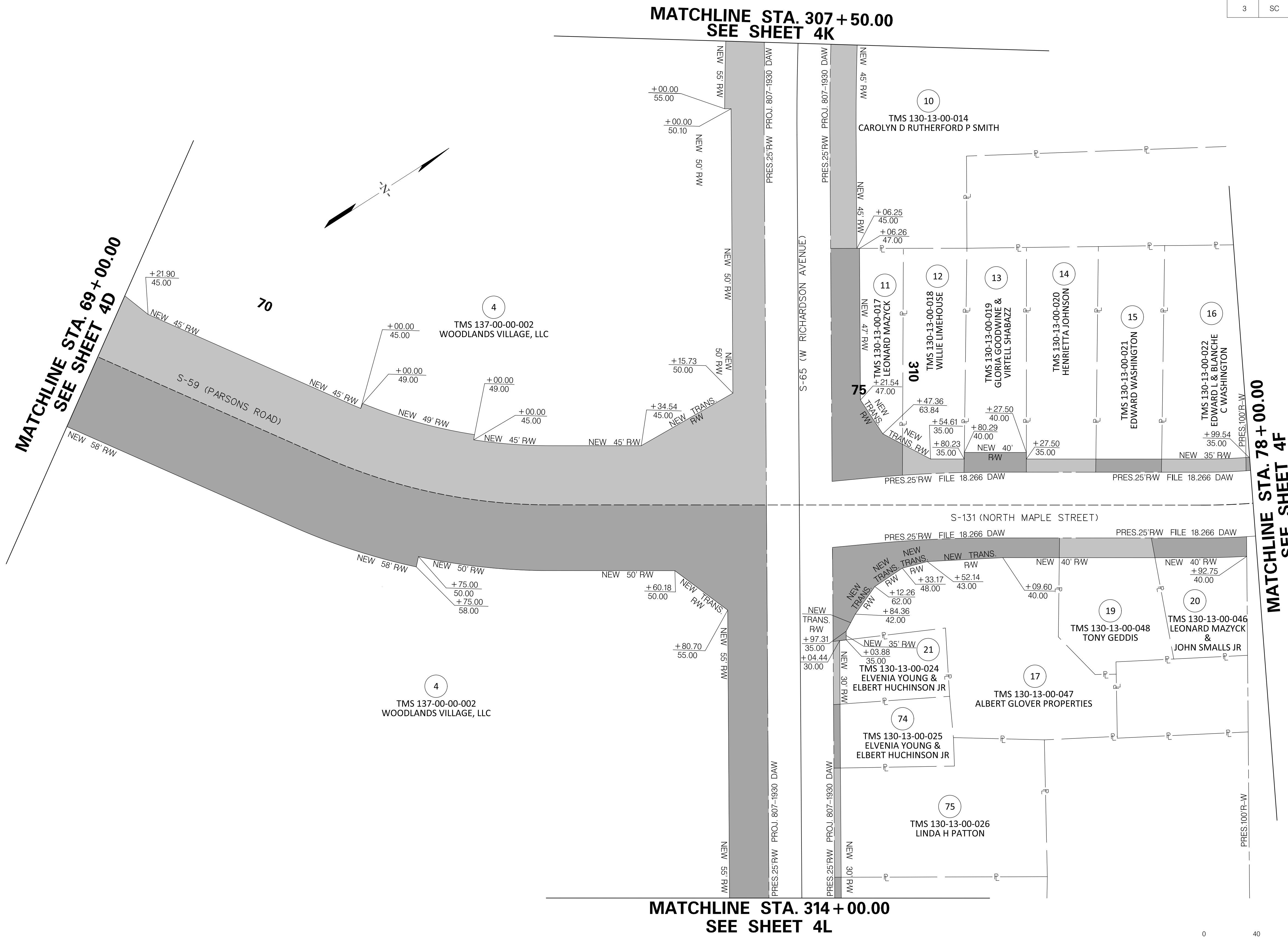
TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 60+90.65 TO STA. 69+00.00
STA. 200+30.65 TO STA. 202+00.00

SHEET 4D SCALE: 1" = 40'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4E

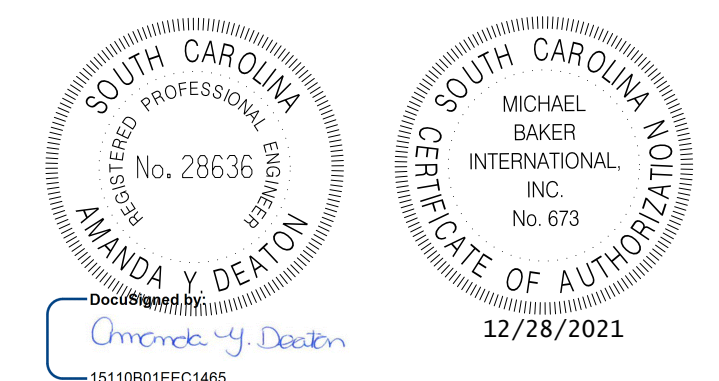
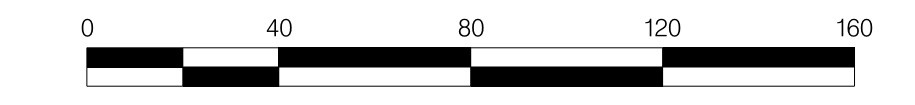


**MATCHLINE STA. 69 + 00.00
SEE SHEET 4D**

**MATCHLINE STA. 307 + 50.00
SEE SHEET 4K**

**MATCHLINE STA. 78 + 00.00
SEE SHEET 4F**

**MATCHLINE STA. 314 + 00.00
SEE SHEET 4L**



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DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 69 + 00.00 TO STA. 78 + 00.00
STA. 307 + 50.00 TO STA. 314 + 00.00

SHEET 4E SCALE: 1" = 40'

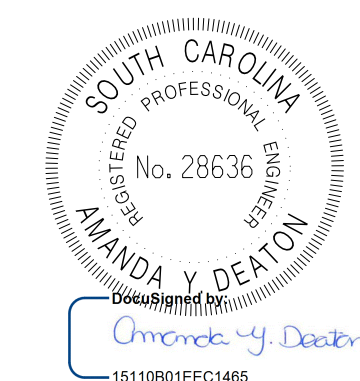
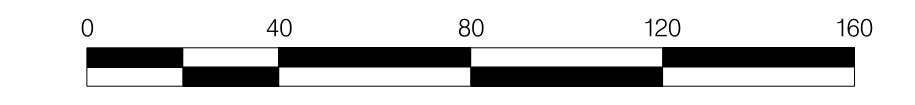
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4F



MATCHLINE STA. 78+00.00
SEE SHEET 4E

MATCHLINE STA. 89+00.00
SEE SHEET 4G



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TOWN OF SUMMERVILLE

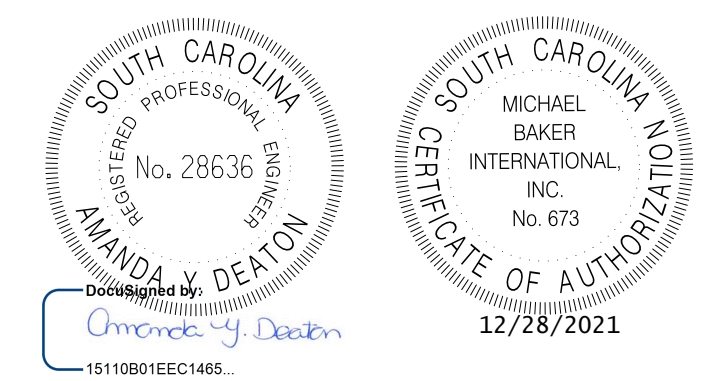
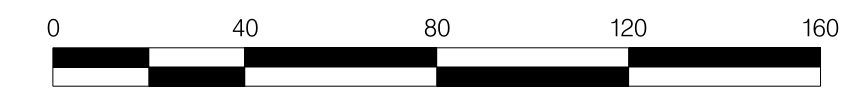
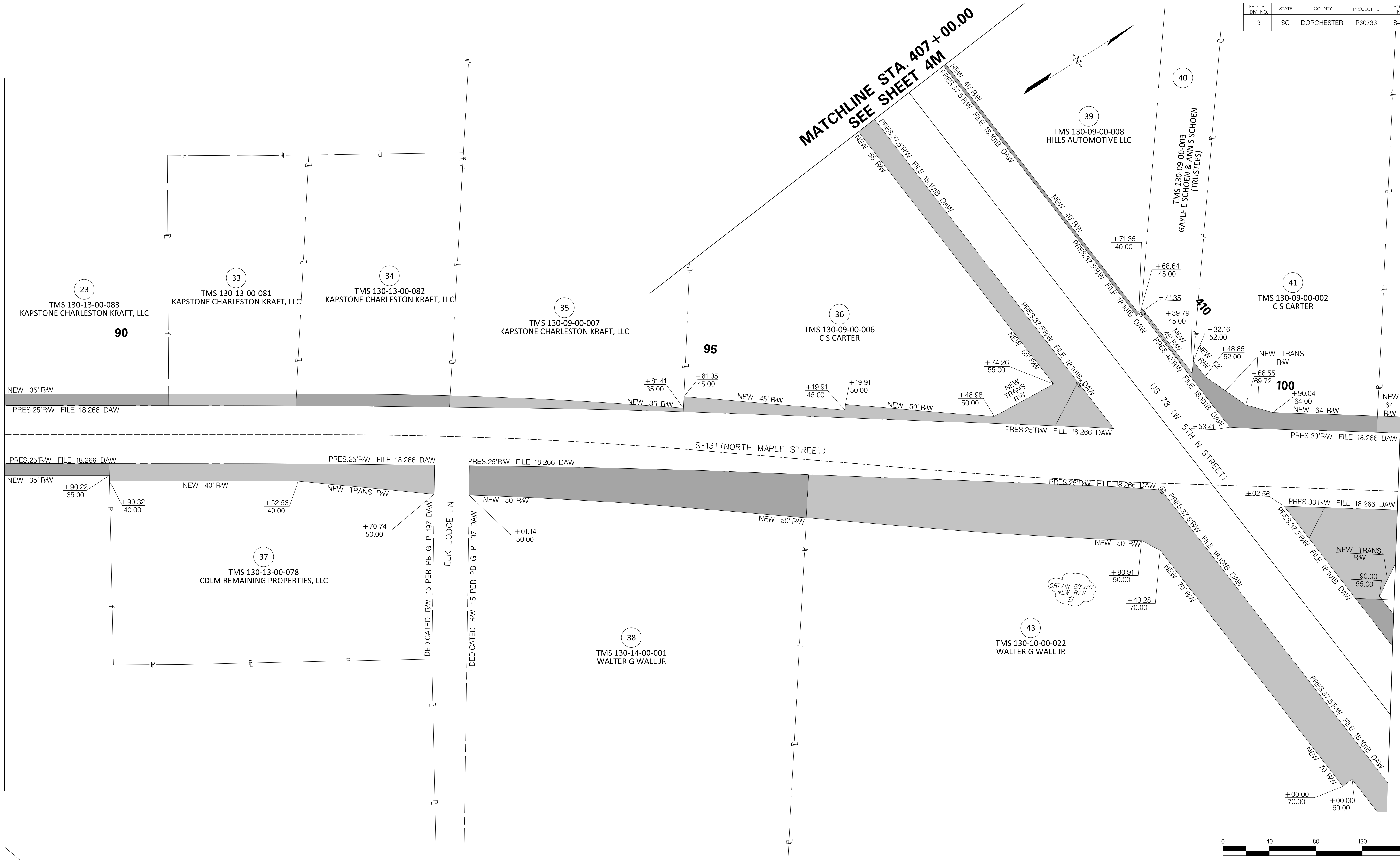
NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 78+00.00 TO STA. 89+00.00

SHEET 4F SCALE: 1" = 40'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4G

MATCHLINE STA. 89+00.00
SEE SHEET 4F

MATCHLINE STA. 101+00.00
SEE SHEET 4H



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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 89+00.00 TO STA. 101+00.00
STA. 407+00.00 TO STA. 413+76.22

SHEET 4G SCALE: 1" = 40'

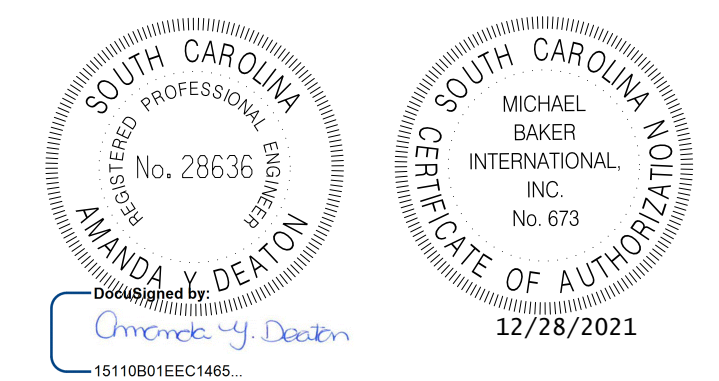
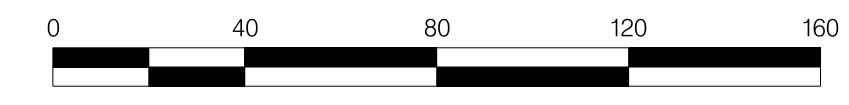
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4H

MATCHLINE STA. 101+00.00
SEE SHEET 4G

MATCHLINE STA. 113+00.00
SEE SHEET 4I



MATCHLINE STA. 415+00.00
SEE SHEET 4N



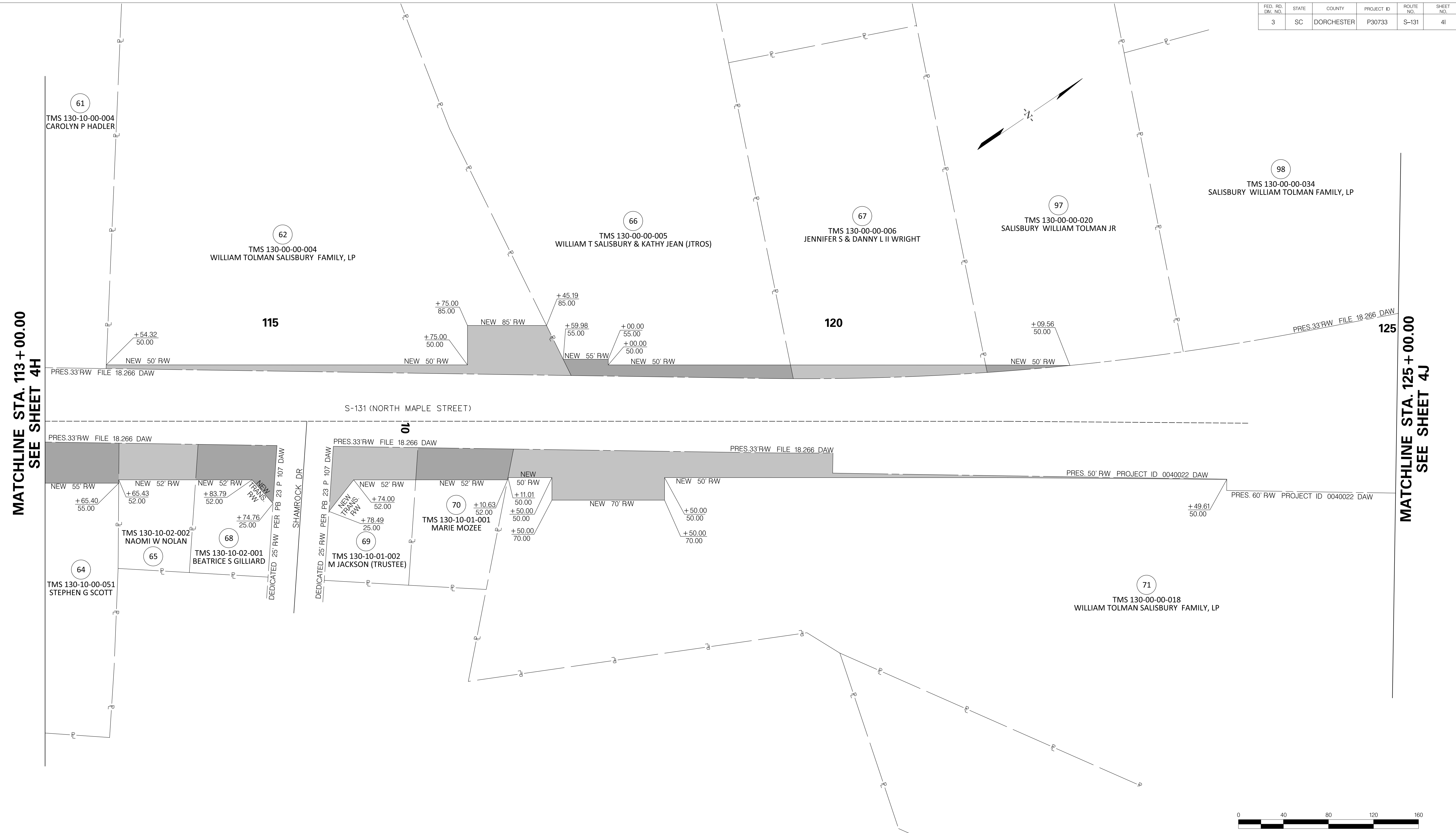
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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 101+00.00 TO STA. 113+00.00
STA. 413+76.22 TO STA. 415+00.00

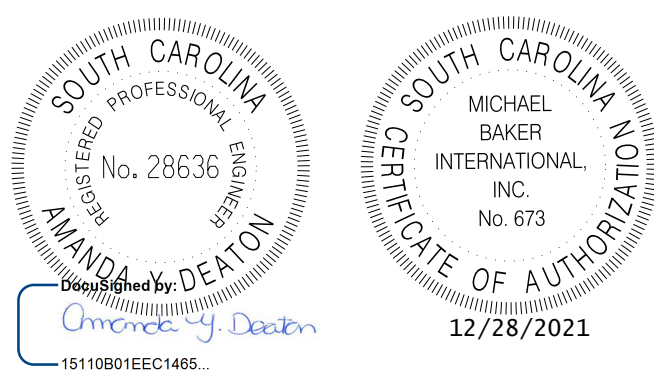
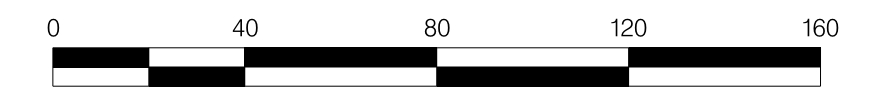
SHEET 4H SCALE: 1" = 40'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4I



MATCHLINE STA. 113 + 00.00
SEE SHEET 4H

MATCHLINE STA. 125 + 00.00
SEE SHEET 4J



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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 113+00.00 TO STA. 125+00.00

SHEET 4I SCALE: 1" = 40'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4J

98
TMS 130-00-00-034
SALISBURY WILLIAM TOLMAN FAMILY, LP

99
TMS 130-00-00-033
SALISBURY WILLIAM T JR

72
TMS 130-00-00-008
ROSEMARY S HARPER WARD TRUSTEE

72
TMS 130-00-00-008
ROSEMARY S HARPER WARD TRUSTEE

MATCHLINE STA. 125 + 00.00
SEE SHEET 4I

125

130

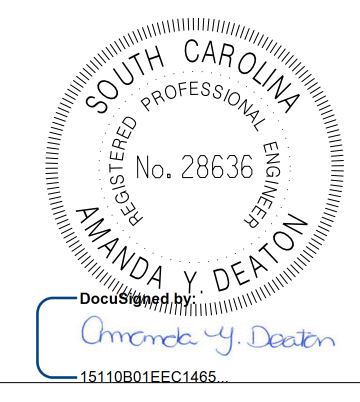
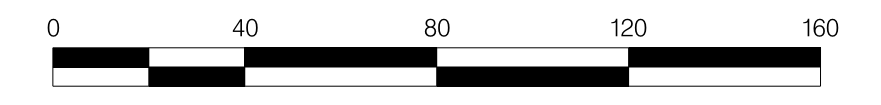
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PRES. 60' RW PROJECT ID 0040022 DAW

S-131 (NORTH MAPLE STREET)

PRES. 60' RW PROJECT ID 0040022 DAW

PRES. 60' RW PROJECT ID 0040022 DAW



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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 125+00.00 TO STA. 129+00.00

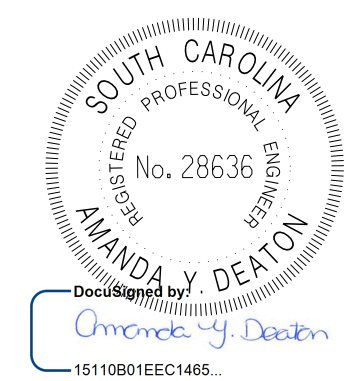
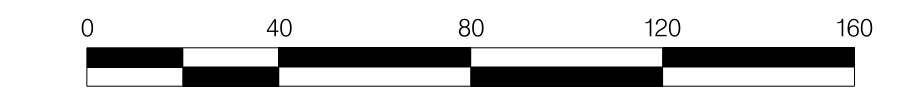
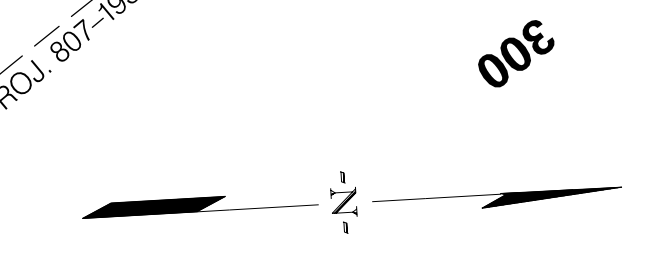
SHEET 4J SCALE: 1" = 40'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4K



MATCHLINE STA. 202 + 00.00
SEE SHEET 4D

MATCHLINE STA. 307 + 50.00
SEE SHEET 4E



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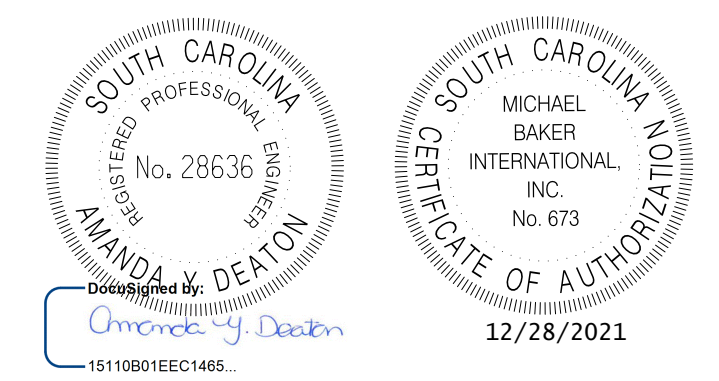
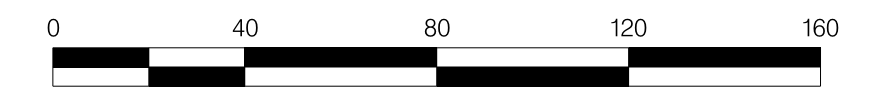
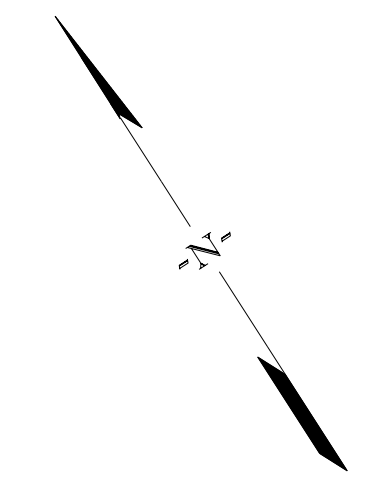
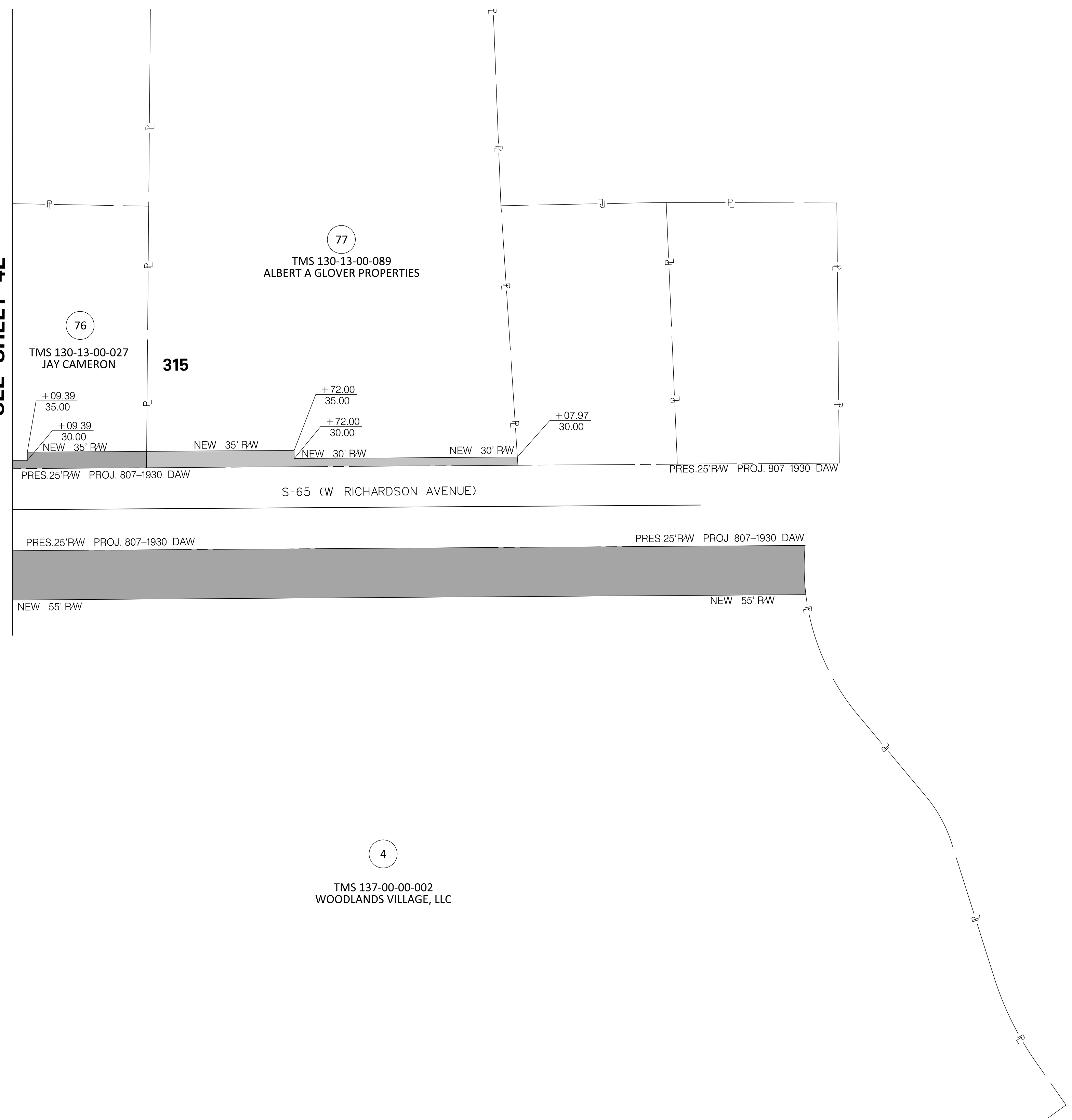
TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 202 + 00.00 TO STA. 207 + 50.20
STA. 303 + 21.58 TO 307 + 50.00

SHEET 4K SCALE: 1" = 40'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4L

MATCHLINE STA. 314 + 00.00
SEE SHEET 4E



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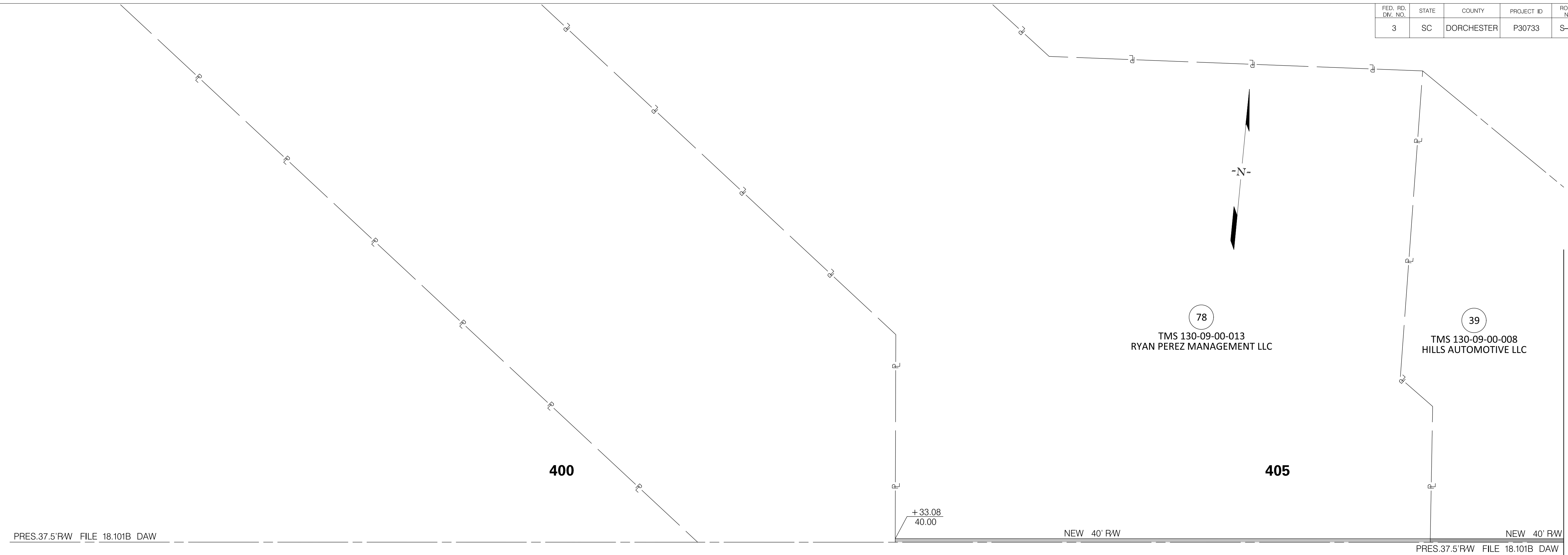
TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 314 + 00.00 TO 316 + 80.09

SHEET 4L

SCALE: 1" = 40'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4M



PRES.37.5'RW FILE 18.101B DAW

+33.08
40.00

NEW 40' RW

PRES.37.5'RW FILE 18.101B DAW

US 78 (W 5TH N STREET)

PRES.37.5'RW FILE 18.101B DAW

+00.00
37.50
+00.00
55.00

NEW 55' RW

NEW 55' RW

PRES.37.5'RW FILE 18.101B DAW

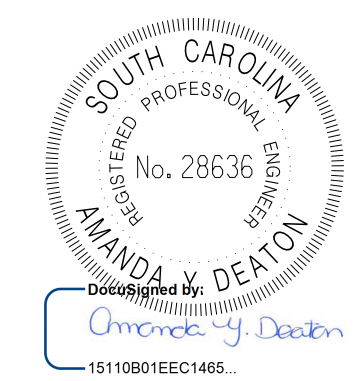
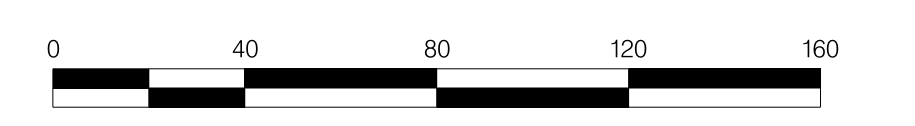
MATCHLINE STA. 407 + 00.00
SEE SHEET 4G

35
TMS 130-09-00-007
KAPSTONE CHARLESTON KRAFT, LLC

36
TMS 130-09-00-006
C S CARTER

78
TMS 130-09-00-013
RYAN PEREZ MANAGEMENT LLC

39
TMS 130-09-00-008
HILLS AUTOMOTIVE LLC



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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 402+85.46 TO STA. 407+00.00

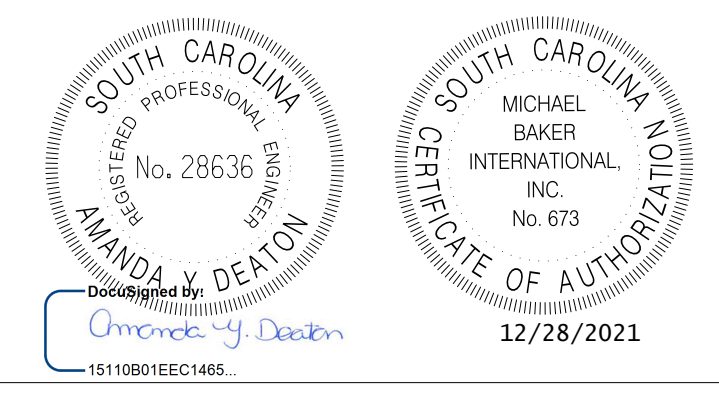
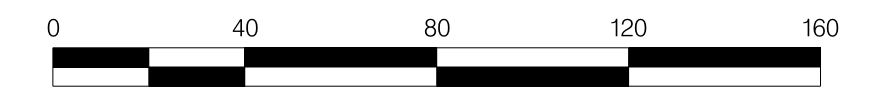
SHEET 4M SCALE: 1" = 40'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	4N



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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
PROPERTY STRIP MAP SHEET
STA. 415 + 00.00 TO STA. 424 + 15.00

SHEET 4N SCALE: 1" = 40'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	5

TOWN OF SUMMERVILLE



GENERAL CONSTRUCTION NOTES

1. PROJECT DESCRIPTION

THE PROJECT IS SITUATED IN DORCHESTER COUNTY, SOUTH CAROLINA AND INVOLVES S-59 (PARSONS ROAD), S-131 (NORTH MAPLE STREET), S-65 (W RICHARDSON AVENUE) AND US 78 (W 5TH N STREET). THE APPROXIMATE LENGTH IS 2.22 MILES.

MAJOR WORK ITEMS INCLUDE:

- A. GRADING, DRAINAGE, AND PAVING FOR S-59 (PARSONS ROAD), S-131 (NORTH MAPLE STREET), S-65 (W RICHARDSON AVENUE) AND US 78 (W 5TH N STREET)
- B. RELOCATION OF S-59 (PARSON ROAD)
- C. PAVEMENT MARKINGS, SIGNING, AND TRAFFIC CONTROL FOR ENTIRE PROJECT &
- D. STREET LIGHTING S-131 (ALONG NORTH MAPLE STREET).

2. SURVEY AND DESIGN INFORMATION

HORIZONTAL AND VERTICAL ALIGNMENT SURVEYS WERE PERFORMED BY MA ENGINEERING.

THE EXISTING SURVEY WAS COMPLETED IN DECEMBER 2015. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ELEVATIONS ESPECIALLY IN AREAS SPECIFIED IN NOTE I UNDER GENERAL NOTES ON THIS SHEET. THE COST FOR COORDINATION AND MEANS NECESSARY TO MAKE FIELD ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

3. CLEARING AND GRUBBING WITHIN THE ROADWAY FOR EROSION CONTROL

CLEARING & GRUBBING OPERATIONS SHALL ONLY BE PERFORMED IN THE IMMEDIATE AREA NECESSARY FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL REFERENCE THE WETLAND PERMIT IN REGARDS TO THE WETLAND IMPACTS FOR THE PROJECT. WHERE WETLANDS ARE BEING IMPACTED THE CONTRACTOR SHALL INSTALL ORANGE FENCE ALONG THE EDGE OF THE PERMITTED CONSTRUCTION LIMITS OUTSIDE OF THE SILT FENCE. THE ORANGE FENCE SHALL ALSO BE PLACED ALONG THE REMAINDER OF THE IMPACTED WETLANDS BOUNDARY AND ANY OTHER WETLAND LOCATED WITHIN OR IMMEDIATELY ADJACENT TO THE RIGHT-OF-WAY.

4. STRIPPING

THE CONTRACTOR SHALL STRIP THE TOPSOIL ALONG THE UNDEVELOPED PORTIONS OF THE PROPOSED ALIGNMENT TO A MINIMUM DEPTH OF 4 INCHES. THIS WILL BE PAID FOR UNDER UNCLASSIFIED EXCAVATION.

5. SIGNING

THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SIGNING AND MAINTENANCE OF EXISTING PERMANENT SIGNS DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE TOWN REGARDING PLACEMENT OF PERMANENT SIGNS IN AREAS OF THE PROJECT WHICH HAVE BEEN COMPLETED TO A STAGE REQUIRING PERMANENT SIGNING.

6. REMOVAL AND DISPOSAL OF EXISTING PAVEMENT AND ASPHALT PAVEMENT

ALL REMOVAL AND DISPOSAL OF EXISTING ASPHALT PAVEMENT WILL BE MEASURED AND PAID FOR AS DESCRIBED IN THE SPECIAL PROVISIONS. PAVEMENT TO BE REMOVED SHALL BE SAW CUT FULL DEPTH TO NEAT LINES. THE CONTRACTOR WILL BE REQUIRED TO REMOVED ASPHALT PAVEMENT THAT FALLS WITHIN THE PROJECT LIMITS WHICH INCLUDE BUT IS NOT LIMITED TO THE EXISTING ROADWAY AND PARKING LOTS AS DETAILED IN THE PLANS.

7. SPECIAL PROVISIONS

THE CONTRACTOR'S ATTENTION IS CALLED TO THE PROJECT SPECIAL PROVISIONS FOR ADDITIONAL CLARIFICATION OF PLAN INTENT AND ADDITIONAL INFORMATION.

8. TRAFFIC CONTROL

THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY PROVISIONS FOR TRAFFIC CONTROL FOR THE DURATION OF THE PROJECT. THESE PROVISIONS, AS IN EACH CASE IS APPLICABLE, WILL CONFORM TO THE REQUIREMENTS CONTAINED IN THE SCDOT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, SUPPLEMENTAL SPECIFICATIONS, SPECIAL PROVISIONS, THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER. THE LUMP SUM COST FOR TRAFFIC CONTROL SHALL INCLUDE ALL WORK AS DIRECTED ABOVE. THIS LUMP SUM COST SHALL INCLUDE ALL CONSTRUCTION SIGNS, BARRICADES, DRUMS, CHANGEABLE MESSAGE BOARDS, PAVEMENT MARKINGS (PLACEMENT AND REMOVAL OF EXISTING MARKINGS), TEMPORARY PAVEMENT MARKERS CONES, LIGHTS, AND OTHER ITEMS AS REQUIRED TO COMPLETE THIS WORK.

9. UTILITIES

A LIST OF KNOWN UTILITY OWNERS IS PROVIDED ON SHEET 6. THE LOCATIONS OF EXISTING UTILITIES AND STORM DRAINAGE FACILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED AS STATED IN THE UTILITY PLANS (U1-U24) AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE UTILITIES INFORMATION SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATION OF ALL UTILITIES BEFORE CONSTRUCTION. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THAT THE PROPER COORDINATION WITH THE VARIOUS UTILITY OWNERS HAS BEEN PERFORMED. EXISTING UTILITIES, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION, SHALL BE RELOCATED BY OTHERS, UNLESS OTHERWISE SHOWN ON PLANS, AND THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY DURING RELOCATION OPERATIONS. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE DRAWINGS OR LOCATED BY THE UTILITY COMPANY.

WATER VALVES AND SEWER MANHOLES SHALL BE ADJUSTED BY THE CONTRACTOR (RAISED OR LOWERED) TO MATCH THE SIDEWALK AND ROADWAY PROFILE. NO ADDITIONAL PAYMENT WILL BE MADE FOR ADJUSTING WATER VALVES OR SEWER MANHOLES. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE UNIT COST OF CLEARING AND GRUBBING AND SHALL INCLUDE ALL WORKMANSHIP AND MATERIALS NECESSARY TO COMPLETE THIS ITEM.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF DORCHESTER COUNTY'S SEWER LINE. THIS WORK WILL BE PAID FOR UTILIZING THE BID ITEMS SHOWN IN THERE RELOCATION PACKAGE AND SHALL BE INCLUSIVE OF ALL THE MATERIALS AND LABOR REQUIRED TO COMPLETE THE UTILITY RELOCATION WORK INDICATED IN THE UTILITY DRAWINGS, SPECIFICATIONS AND BID DOCUMENTS.

GENERAL NOTES

A. THE CONTRACTOR SHALL MAINTAIN CENTERLINE POINTS AND STATIONS THROUGHOUT THE DURATION OF THE PROJECT.

B. THE TOWN OF SUMMERVILLE MUST SPECIFICALLY AUTHORIZE CHANGES INVOLVING INCREASED COST TO THE PROJECT THE ENGINEER IS PERMITTED UNDER THE DIRECTION OF THE TOWN OF SUMMERVILLE TO AUTHORIZE MINOR ALTERATIONS NOT IN CONFLICT WITH STANDARD PRACTICES OF THE DEPARTMENT. FORWARD INFORMATION ON ANY PROPOSED CHANGES IN ALIGNMENT TO THE ENGINEER AS SOON AS POSSIBLE.

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

D. MAILBOXES
ALL EXISTING MAILBOXES AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE RETAINED OR RELOCATED, AS DIRECTED BY ENGINEER. MAILBOXES ALONG NORTH MAPLE STREET AND PARSON ROAD ARE TO BE PLACED ON THE SAME SIDE OF STREET AS PROPERTY PARALLEL TO ROADWAY. MAILBOXES SHALL BE ACCESSIBLE AT ALL TIMES.

E. EXISTING OUTFALLS
CLEANING OF EXISTING OUTFALLS SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.

F. THE CONTRACTOR SHALL SAW-CUT EXISTING PAVEMENT EDGES AT EDGE OF TRAVELWAY TO MAKE A UNIFORM TIE-IN JOINT FOR CURB AND GUTTER PLACEMENT. THE PAVEMENT IS TO BE CLEAN OF ALL LOOSE DEBRIS. PAYMENT FOR THIS WORK SHALL BE PAID FOR UNDER REMOVAL OF EXISTING ASPHALT PAVEMENT.

G. THE CONTRACTOR SHALL COORDINATE WITH THE TOWN OF SUMMERVILLE TO ENSURE THAT THE SIGNS MEET THEIR STANDARDS BEFORE INSTALLATION. THIS WORK SHALL BE PAID FOR UNDER THE STREET SIGN BID ITEM AND SHALL INCLUDE ALL MATERIAL AND LABOR.

H. CONTRACTOR SHALL VERIFY TOPO AT THE PLACES BELOW AS CONDITIONS MAY VARY FROM WHAT IS SHOWN IN THE PLANS. THIS LIST MAY NOT INCLUDE ALL TRACTS WITH CHANGES.
- TRACT 37
- TRACT 43

I. NP-16-13 TO HAVE ADDITIONAL FOUNDATION WORK PER STANDARD DRAWING 714-020-00 AND TO BE BACKFILLED WITH FLOWABLE FILL MATERIAL. SEE SHEET D16 & D16A

J. OVERHAUL WILL NOT BE PAID FOR SEPARATELY AND WILL BE INCLUDED IN THE COST OF UNCLASSIFIED EXCAVATION.

K. CONTRACTOR SHALL COORDINATE WITH THE TOWN BEFORE REMOVING THE BUILDING ON TRACT 44 AS THE TOWN MAY WANT TO RELOCATE THE BUILDING.

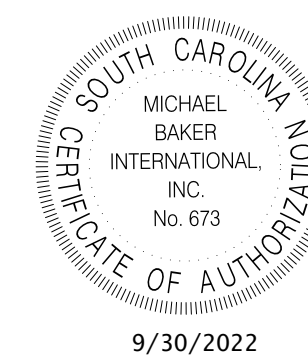
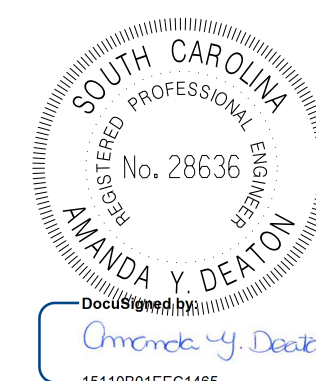
L. TRACT 96
ONCE CLEARING IS COMPLETE FOR TRACT 96, THE CONTRACTOR CANNOT PREFORM ANY WORK ON THIS SITE UNTIL APPROVAL FROM THE ENGINEER. THIS WILL TIME FOR THE BILLBOARD ON THE TRACT TO BE RELOCATED.

M. TRACT 65
THE CONTRACTOR SHALL INSTALL A 4' CHAIN LINK FENCE AROUND THE SIDES AND BACK PROPERTY LINES OF TRACT 65. THE CONTRACTOR SHALL COORDINATE TOWN AND PROPERTY OWNER ON THE LOCATION OF THE FENCE AND DOUBLE GATE FOR CARS.

Peter Dorcasville

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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
GENERAL CONSTRUCTION NOTES

SHEET 5

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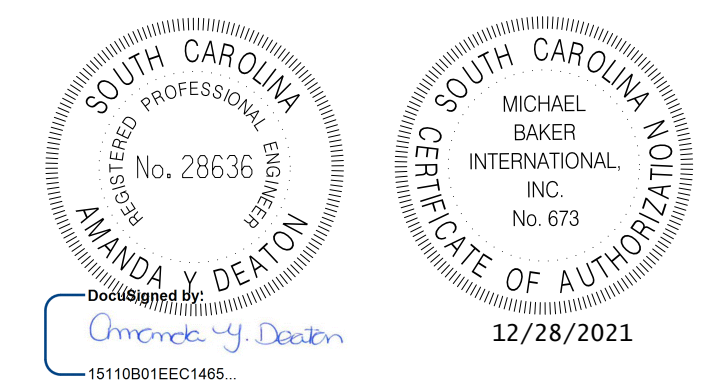
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	5A

ALL HORIZONTAL CONTROL POINT COORDINATES ARE ASSOCIATED WITH THE FOLLOWING PROJECTION INFORMATION.

1. ELLIPSOID MODEL = NAD83-2011 (NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT)
2. THE PROJECT DATUM (BASIS OF ELEVATIONS) FOR THIS PROJECT IS NAVD-88 (NORTH AMERICAN VERTICAL DATUM OF 1988).
3. PROJECTION = SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM LAMBERT CONFORMAL CONIC PROJECTION ZONE 3900.
4. DISTANCE UNIT = INTERNATIONAL FOOT.

ALL USERS OF THE CONTROL POINTS SHOULD BE REQUIRED TO CHECK BETWEEN ANY THREE POINTS, IN ORDER TO VERIFY THAT THEY HAVE NOT BEEN DISTURBED AND TO VERIFY THAT THE IDENTITIES OF THE OCCUPIED AND OBSERVED POINTS ARE CORRECT, BEFORE UTILIZING THESE POINTS FOR STAKING, CHECKING OR OTHER PURPOSES.

CONTROL POINTS				
POINT ID	CSF	NORTH	EAST	ELEV.
TGT-01	0.999858	434,103.9500	2,247,049.8200	73.89
TGT-02	0.999857	434,815.4800	2,245,944.0100	79.11
TGT-03	0.999857	435,863.9200	2,248,149.0800	78.74
TGT-04	0.999856	436,293.9900	2,246,656.2000	81.19
TGT-05	0.999856	436,418.3200	2,247,641.7900	78.38
TGT-06	0.999855	439,718.9600	2,249,857.2500	79.39
TGT-07	0.999855	439,542.1200	2,250,658.0200	77.88
TGT-08	0.999854	440,600.5200	2,250,254.7400	81.58
TGT-09	0.999856	437,779.6800	2,248,570.0700	80.25
CP-104	0.999857	435,410.8800	2,246,740.2500	79.64
CP-105	0.999857	434,595.3300	2,246,656.1100	77.90
CP-106	0.999857	436,039.8600	2,247,459.0700	78.75
CP-107	0.999856	436,664.8800	2,247,838.3400	80.02
CP-108	0.999856	437,325.2300	2,248,223.6200	80.86
CP-110	0.999855	438,438.1200	2,248,973.2500	78.84
CP-111	0.999855	439,183.5200	2,249,543.0600	77.30
CP-113	0.999857	435,797.8400	2,247,411.3100	78.40



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TOWN OF SUMMERVILLE

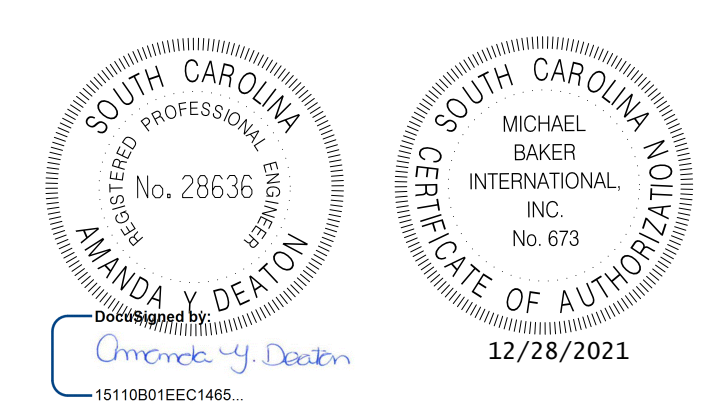
S-131 (NORTH MAPLE STREET)
REFERENCE DATA SHEET

SHEET 5A SCALE: NTS

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	5B

CHAIN	CURVE	LOCATION	STATION	NORTHING	EASTING	LOCATION	STATION	NORTHING	EASTING
NORTHMAPLE		POT	60+50.00	434,681.6462	2,246,680.2889				
	NORTHMAPLE-1	PC	64+33.70	435,064.7386	2,246,701.8761	PT	68+29.52	435,395.5829	2,246,892.1647
	NORTHMAPLE-2	PC	70+88.10	435,537.9811	2,247,108.0119	PT	72+65.12	435,662.9960	2,247,231.5271
	RELOC_CURVE3-1	PC	77+60.30	436,079.5890	2,247,499.2021	PT	78+65.55	436,173.3003	2,247,546.7236
	NORTHMAPLE-4	PC	79+24.05	436,227.8907	2,247,567.7418	PT	80+94.77	436,380.2397	2,247,644.1893
	NORTHMAPLE-5	PC	91+76.93	437,295.5874	2,248,221.4340	PT	94+99.52	437,560.8734	2,248,404.8034
	NORTHMAPLE-6	PC	96+91.42	437,713.9958	2,248,520.4782	PT	98+82.52	437,869.2874	2,248,631.8103
		POT	121+54.95	439,748.6277	2,249,909.3133				
		POT	123+69.31	439,924.9739	2,250,031.1708				
EX_NORTHMAPL		POT	74+54.86	435,817.5144	2,247,342.1350				
	EX_NORTHMAPL_1	PC	75+08.81	435,865.4476	2,247,366.8936	PT	76+03.14	435,947.0940	2,247,414.0696
	EX_NORTHMAPL_2	PC	77+62.37	436,081.0499	2,247,500.1408	PT	78+64.16	436,171.6798	2,247,546.0997
	EX_NORTHMAPL_3	PC	79+25.09	436,228.5455	2,247,567.9939	PT	80+34.73	436,327.3653	2,247,615.2229
	EX_NORTHMAPL_4	PC	80+68.77	436,356.8334	2,247,632.2579	PT	81+37.69	436,415.8953	2,247,667.7722
	EX_NORTHMAPL_5	PC	83+66.73	436,610.1184	2,247,789.1643	PT	84+30.88	436,664.4117	2,247,823.3410
	EX_NORTHMAPL_6	PC	85+66.40	436,778.8639	2,247,895.9005	PT	86+26.27	436,829.5257	2,247,927.8064
	EX_NORTHMAPL_7	PC	87+34.50	436,921.2768	2,247,985.2068	PT	87+76.93	436,957.2033	2,248,007.7890
	EX_NORTHMAPL_8	PC	91+05.58	437,235.0840	2,248,183.2788	PT	92+17.45	437,329.3271	2,248,243.5361
	EX_NORTHMAPL_9	PC	93+36.61	437,429.3675	2,248,308.2912	PT	95+33.47	437,593.1916	2,248,417.4263
	EX_NORTHMAPL_10	PC	98+22.57	437,831.6555	2,248,580.8677	PT	98+75.14	437,874.5023	2,248,611.3223
	EX_NORTHMAPL_11	PC	99+37.65	437,924.8313	2,248,648.4040	PT	99+77.69	437,957.5354	2,248,671.5044
	EX_NORTHMAPL_12	PC	103+42.29	438,259.4845	2,248,875.8474	PT	103+81.04	438,291.5546	2,248,897.5961
	EX_NORTHMAPL_13	PC	110+48.04	438,843.2255	2,249,272.4980	PT	111+22.61	438,904.5873	2,249,314.8703
		POT	119+38.46	439,572.4523	2,249,783.4456				
		POT	120+00.00	439,622.7533	2,249,818.8972				
		POT	136+06.52	440,937.3944	2,250,742.2794				
PARSONRELOC		POT	200+00.00	435,338.1092	2,246,822.4780				
	PARSONRELOC 1	PC	200+60.05	435,380.1143	2,246,779.5624	PT	202+09.22	435,515.0231	2,246,727.2495
		POT	206+17.80	435,922.9577	2,246,750.2365				
		POT	207+98.20	436,083.0816	2,246,833.3144				
EX_PARSONS		POT	192+00.00	434,507.4025	2,246,670.4703				
		POT	209+31.02	436,235.6805	2,246,767.8584				
RICHARDSON	RICHARDSON 1	PC	300+00.00	436,544.2352	2,246,517.0983	PT	308+19.65	435,973.1363	2,247,096.2970
		POT	318+19.36	435,438.4196	2,247,940.9962				
TRACT8DW_RELO		POT	10+00.00	435,492.4932	2,246,727.4326				
		PC	15+16.30	435,394.9955	2,246,220.4234	PT	15+96.19	435,373.7188	2,246,143.5064
		POT	16+23.43	435,364.3744	2,246,117.8882				



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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
REFERENCE DATA SHEET

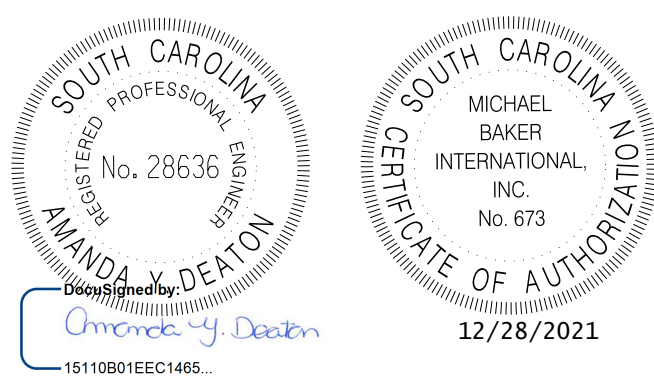
SHEET 5B SCALE: NTS

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	5C

CHAIN	CURVE	LOCATION	STATION	NORTHING	EASTING	LOCATION	STATION	NORTHING	EASTING
US 78		POT	400+00.00	437,808.9629	2,247,543.1073				
	US78 1	PC	415+95.97	437,962.2184	2,249,131.7066	PT	425+35.83	437,749.5896	2,250,029.9140
		POT	427+90.32	437,614.1769	2,250,245.3887				
PIDGEON		POT	10+00.00	436,207.9874	2,246,641.3043				
	PIDGEON_1	PC	10+39.27	436,216.7355	2,246,679.5890	PT	10+93.71	436,242.3645	2,246,726.8571
		POT	11+18.23	436,259.4200	2,246,744.4801				
EXWDOTY		POT	10+00.00	436,269.7012	2,247,394.5555				
	EXWOTY1	PC	10+22.48	436,257.6426	2,247,413.5229	PT	10+98.51	436,215.5054	2,247,476.8094
		POT	11+81.30	436,168.1780	2,247,544.7363				
EXWDOTY2		POT	10+00.00	436,161.6991	2,247,542.1334				
		POT	11+59.32	436,076.3625	2,247,676.6705				
WDOTY		POT	10+00.00	436,269.7012	2,247,394.5555				
	WDOTY1	PC	10+22.48	436,257.6426	2,247,413.5229	PT	11+27.41	436,198.7958	2,247,500.3862
	WDOTY2	PC	12+63.76	436,119.0624	2,247,610.9948	PT	12+93.43	436,102.4386	2,247,635.5603
		POT	13+42.11	436,076.3625	2,247,676.6705				
WLUKE		POT	10+00.00	436,237.9017	2,247,571.6670				
		POT	11+69.02	436,146.4651	2,247,713.8174				
1ST		POT	10+00.00	436,611.3370	2,247,789.9259				
		POT	11+60.45	436,526.4611	2,247,926.0901				
WINTER		POT	10+00.00	438,522.1196	2,248,911.0740				
		POT	11+36.13	438,441.8474	2,249,021.0145				
GIBBSLOOPS		POT	10+00.00	438,801.5740	2,249,070.6675				
		POT	11+61.17	438,709.5604	2,249,202.9954				
WASSAMASSAW		POT	10+00.00	438,835.9737	2,249,288.9263				
		POT	11+82.28	438,721.7886	2,249,431.0121				
GIBBSLOOPN		POT	10+00.00	438,990.6382	2,249,203.0078				
		POT	11+58.01	438,902.1245	2,249,333.8931				
SHAMROCK		POT	10+00.00	439,233.7740	2,249,559.3356				
		POT	11+70.62	439,128.5377	2,249,693.6321				

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DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
REFERENCE DATA SHEET

SHEET 5C SCALE: NTS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	5D

RELOC. CURVE DATA
 PARSONRELOC_1
 P.I. = 20+39.51
 $\Delta = 48^\circ 50' 22''$ (RT)
 D = 32' 44" 26"
 T = 79.46'
 L = 149.17'
 E = 17.19'
 R = 175.00'
 D.S. = N/A
 eMAX = N/A
 e = NC

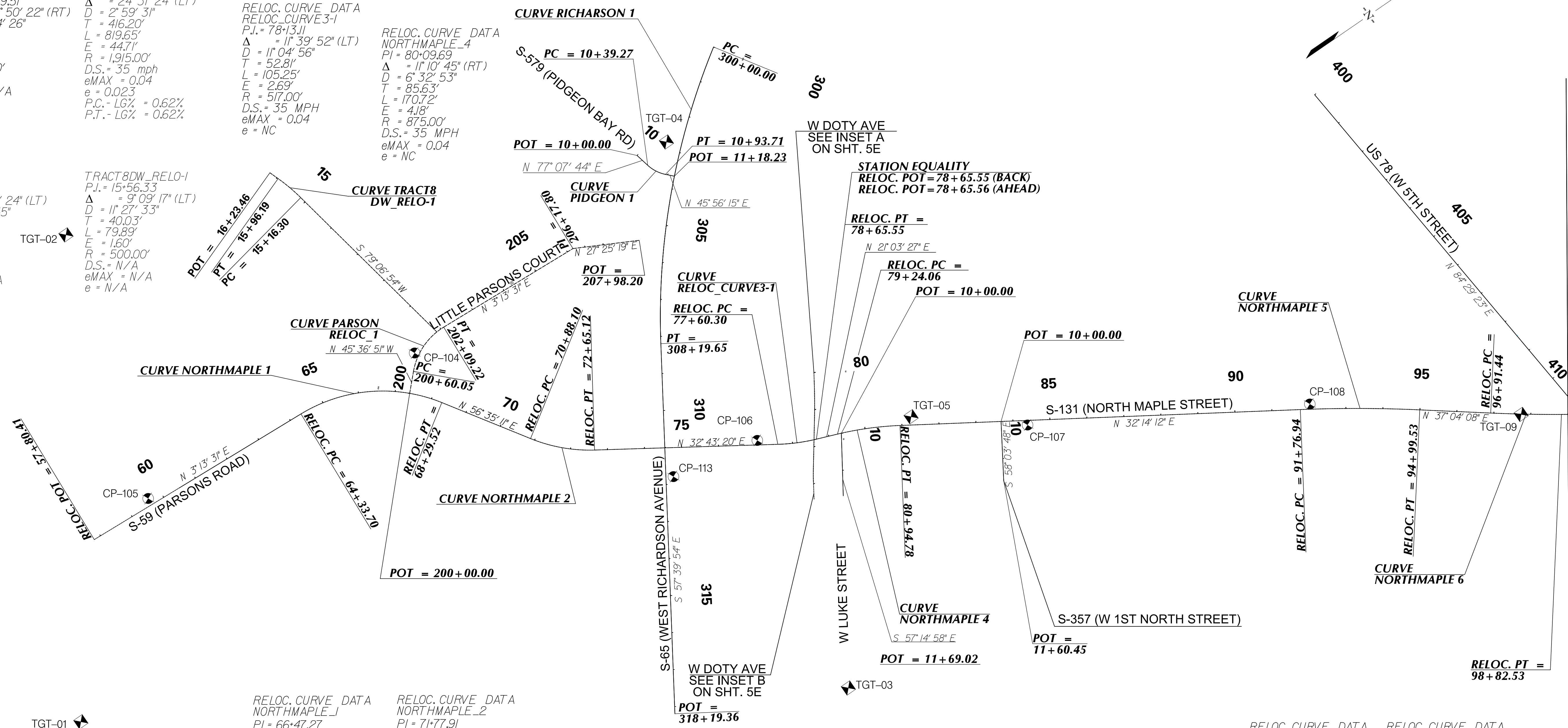
RICHARDSON_1
 P.I. = 304+16.20
 $\Delta = 24^\circ 31' 24''$ (LT)
 D = 2' 59' 31"
 T = 416.20'
 L = 819.65'
 E = 44.71'
 R = 1,915.00'
 D.S. = 35 mph
 eMAX = 0.04
 e = 0.023
 P.C. - LG% = 0.62%
 P.T. - LG% = 0.62%

RELOC. CURVE DATA
 RELOC_CURVE3-1
 P.I. = 78+13.11
 $\Delta = 1^\circ 39' 52''$ (LT)
 D = 11' 04' 56"
 T = 52.81'
 L = 105.25'
 E = 2.69'
 R = 517.00'
 D.S. = 35 MPH
 eMAX = 0.04
 e = NC

RELOC. CURVE DATA
 NORTHMAPLE_4
 P.I. = 80+09.69
 $\Delta = 1^\circ 10' 45''$ (RT)
 D = 6' 32' 53"
 T = 85.63'
 L = 170.72'
 E = 4.18'
 R = 875.00'
 D.S. = 35 MPH
 eMAX = 0.04
 e = NC

PIDGEON_1
 P.I. = 10+67.18
 $\Delta = 24^\circ 31' 24''$ (LT)
 D = 57' 17" 45"
 T = 27.91'
 L = 54.44'
 E = 3.82'
 R = 100.00'
 D.S. = N/A
 eMAX = N/A
 e = NC

TRACT8DW_RELO-1
 P.I. = 15+56.33
 $\Delta = 9^\circ 09' 17''$ (LT)
 D = 11' 27' 33"
 T = 40.03'
 L = 79.89'
 E = 1.60'
 R = 500.00'
 D.S. = N/A
 eMAX = N/A
 e = N/A

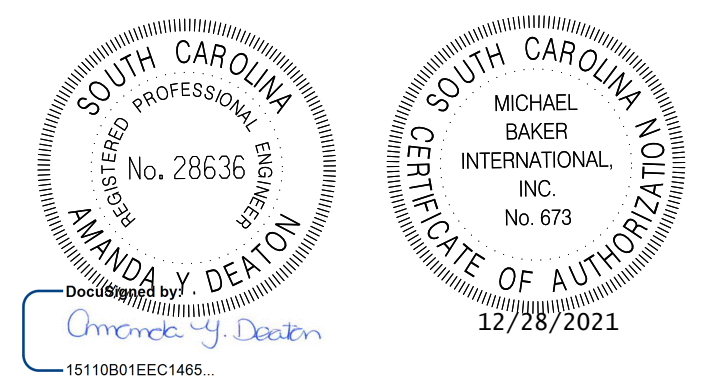


RELOC. CURVE DATA
 NORTHMAPLE_1
 P.I. = 66+47.27
 $\Delta = 53^\circ 21' 41''$ (RT)
 D = 13' 28' 53"
 T = 213.57'
 L = 395.82'
 E = 50.65'
 R = 425.00'
 D.S. = 35 MPH
 eMAX = 0.04
 e = 0.04
 P.C. - LG% = 0.62%
 P.T. - LG% = 0.62%

RELOC. CURVE DATA
 NORTHMAPLE_2
 P.I. = 71+77.91
 $\Delta = 23^\circ 51' 52''$ (LT)
 D = 13' 28' 53"
 T = 89.81'
 L = 177.02'
 E = 9.39'
 R = 425.00'
 D.S. = 35 MPH
 eMAX = 0.04
 e = 0.04
 P.C. - LG% = 0.62%
 P.T. - LG% = 0.62%

RELOC. CURVE DATA
 NORTHMAPLE_5
 P.I. = 93+38.34
 $\Delta = 4^\circ 49' 56''$ (RT)
 D = 1' 29' 53"
 T = 161.39'
 L = 322.59'
 E = 3.40'
 R = 3,825.00'
 D.S. = 35 MPH
 eMAX = 0.04
 e = NC

RELOC. CURVE DATA
 NORTHMAPLE_6
 P.I. = 97+87.01
 $\Delta = 2^\circ 51' 45''$ (LT)
 D = 1' 29' 53"
 T = 95.57'
 L = 191.10'
 E = 1.19'
 R = 3,825.00'
 D.S. = 35 MPH
 eMAX = 0.04
 e = NC



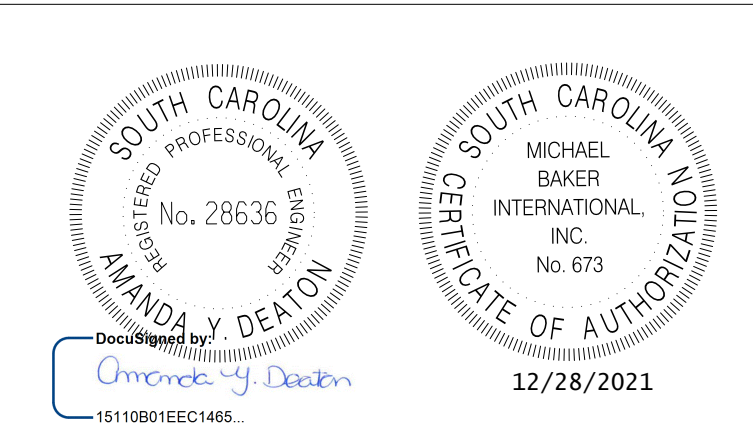
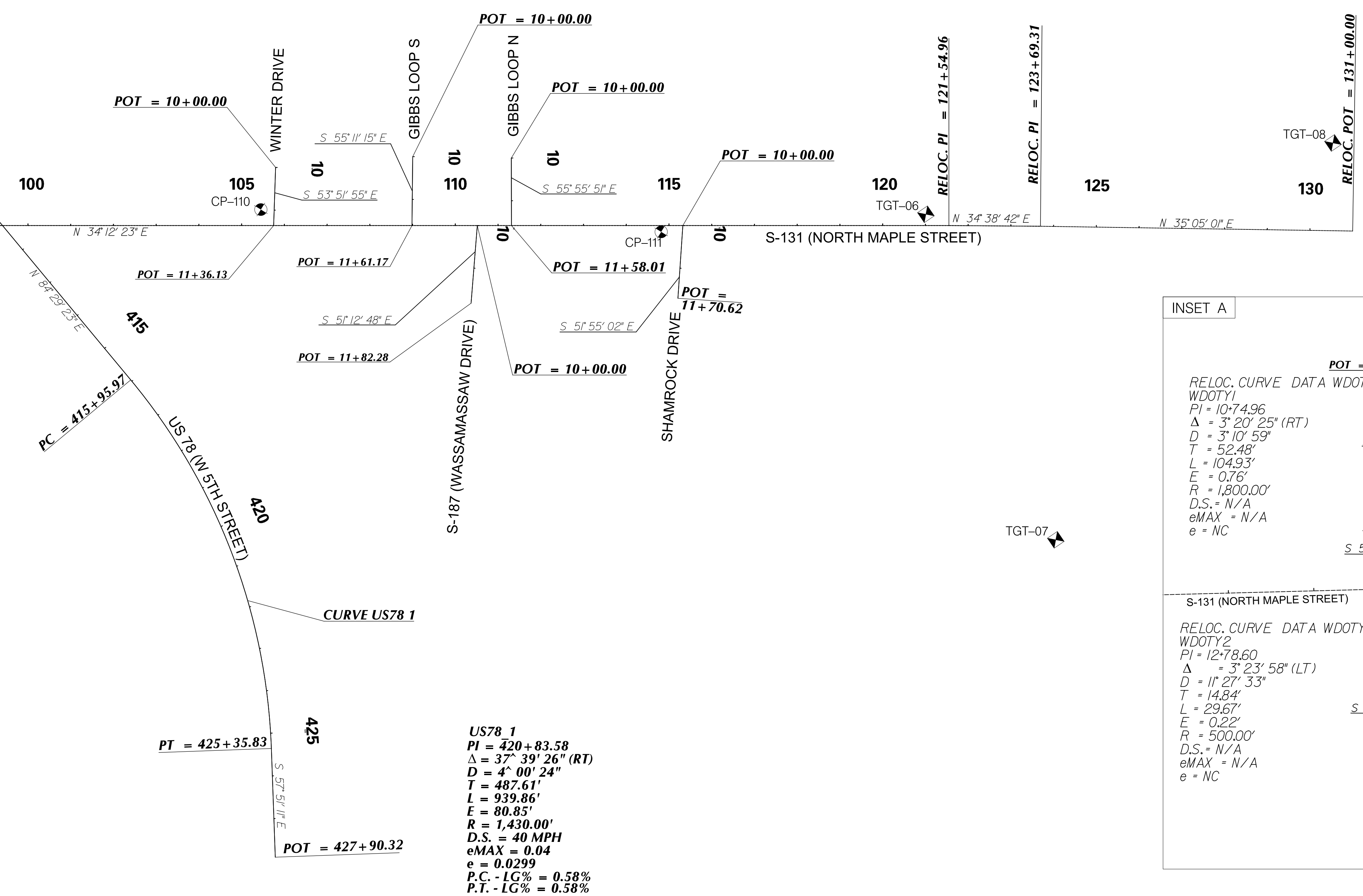
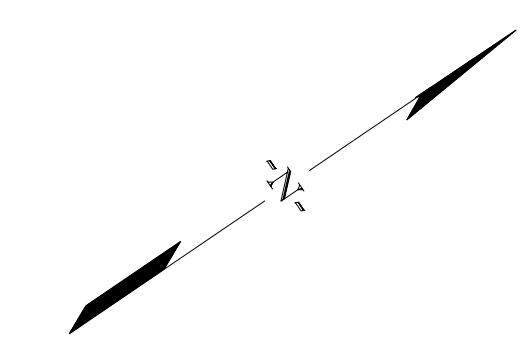
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TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 STAKING PLAN SHEET
 SHEET 5D
 SCALE: 1" = 150'

MATCHLINE STA. 99+00.00
SEE SHEET 5E

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	5E

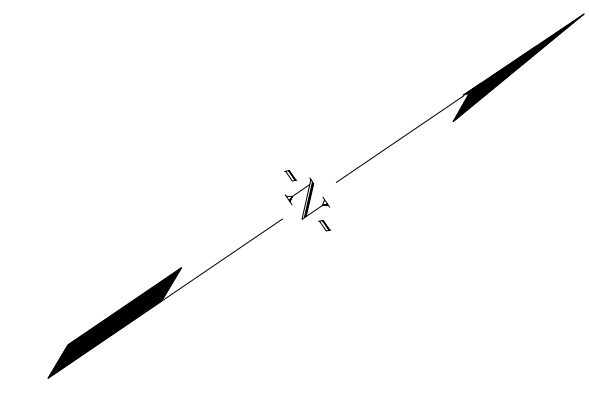
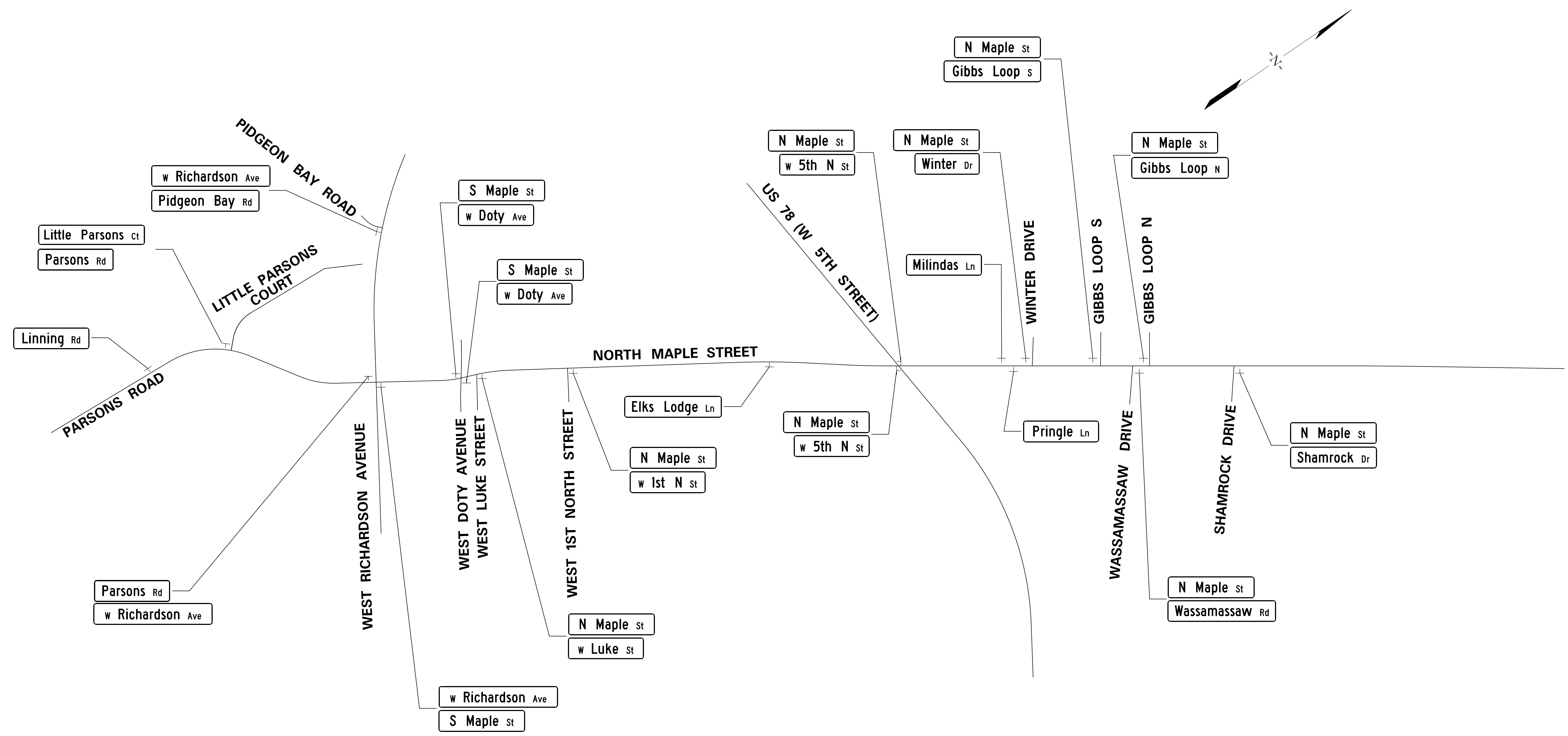
MATCHLINE STA. 99+00.00
SEE SHEET 5D



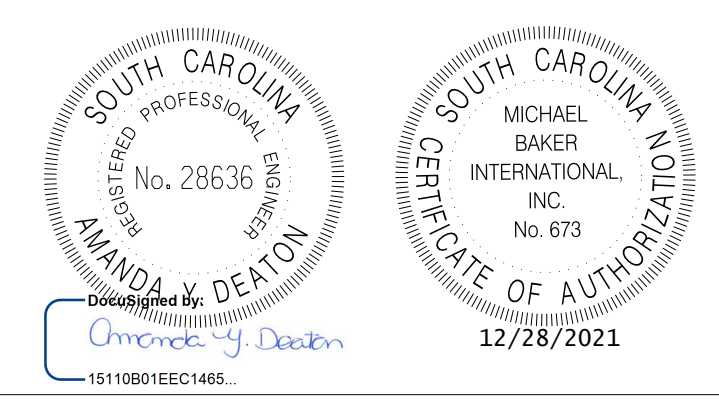
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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
STAKING PLAN SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	5F



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TOWN OF SUMMERVILLE	
NORTH MAPLE STREET STREET SIGN LOCATIONS	
SHEET 5F	SCALE: NTS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	5G

TOWN OF SUMMERVILLE



GEOTECHNICAL NOTES

1. GENERAL NOTES

SITE PREPARATION SHALL PROCEED ACCORDING TO THE SCDOT PROCEDURES OUTLINED IN THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2007.

BASED ON OUR SUBSURFACE EXPLORATION, GROUNDWATER MAY BE OF CONCERN AT STATION 102+00 TO STATION 118+00, STATION 201+00 TO 207+00, STATION 306+50 TO STATION 316+50, STATION 404+50 TO STATION 420+00 AND AT ALL CROSSLINE PIPES. FOR ALL THESE LOCATIONS AND ANY OTHER LOCATION WHERE SHALLOW GROUNDWATER WILL BE ENCOUNTERED, THE CONTRACTOR SHALL ENSURE THAT GROUNDWATER LEVEL IS MAINTAINED AT A MINIMUM 2 FEET BELOW THE FOUNDATION LEVEL.

FOR PIPE NP-16-13 (STA. 118+00 TO STA. 117+10), AND ANY OTHER PIPES NECESSARY, BACKFILL WITH FLOWABLE FILL TO PROVIDE ADDITIONAL SUPPORT TO THE PIPE AND A SMOOTH BEDDING.

2. EMBANKMENT FILL MATERIAL

ALL ROADWAY FILL MATERIAL SHALL MEET THE BORROW EXCAVATION REQUIREMENTS ON SECTION 203.2.1.8 OF SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2007. MECHANICAL PROPERTIES OF FILL MATERIAL ARE LISTED BELOW, IN ACCORDANCE WITH SCDOT'S BORROW MATERIALS DATABASE SPREADSHEET VERSION 2.0 - 12062018.

Fill Material Properties Table

Soil Property	Required Property	
	Total	Effective
Internal Friction, Φ	34°	35°
Cohesion, c	100 psf	50 psf
Total Unit Weight, γ	120 pcf	

3. GENERAL EMBANKMENT CONSTRUCTION

ALL ROADWAY FILL MATERIAL WILL MEET THE BORROW EXCAVATION REQUIREMENTS ON SECTION 203.2.1.8 OF SCDOT 2007 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE REQUIREMENTS OUTLINED IN THE BORROW MATERIALS SECTION OF THE PLAN NOTES.

BORROW WILL BE PLACED IN ACCORDANCE WITH SECTION 205 OF THE SCDOT 2007 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

BORROW PLACED ON EXISTING SLOPES WILL BE BENCHED AND COMPACTED IN ACCORDANCE WITH SECTION 205.4.4 OF THE SCDOT 2007 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

FINAL PAVEMENT SURFACE SHOULD NOT BE PLACED UNTIL AFTER A 15-DAY WAITING PERIOD TO ALLOW SETTLEMENT TO OCCUR.

4. TEMPORARY SHORING

THE FOLLOWING PLAN NOTES APPLY TO TEMPORARY SHORING WALLS.

USE BUOYANT UNIT WEIGHTS IN COMPUTATIONS FOR SOILS BELOW THE WATER LEVEL. DESIGNER SHALL DETERMINE APPROPRIATE WATER LEVEL AND CONSIDER ALL UNBALANCED WATER FORCES IN DESIGN. DESIGN SHALL ACCOMMODATE LIVE LOADING. USE THE FOLLOWING SOIL STRENGTH PARAMETERS FOR DETERMINING EARTH PRESSURE COEFFICIENTS.

Temporary Wall Earth Pressure Coefficients between Sta. 101+00 to 115+00

Depth (ft)	Cohesion (c) (psf)	Phi (Φ) (degrees)	Saturated Unit Weight (γ_{sat}) (pcf)	K_0	K_a	K_p
0 - 5	--	30	105	0.5	0.33	3.0
5 - 10	250	--	110	1.0	1.0	1.0

Temporary Wall Earth Pressure Coefficients between Sta. 116+00 to 119+00

Depth (ft)	Cohesion (c) (psf)	Phi (Φ) (degrees)	Saturated Unit Weight (γ_{sat}) (pcf)	K_0	K_a	K_p
0 - 16	250	--	110	1.0	1.0	1.0

Temporary Wall Earth Pressure Coefficients at Sta. 406+00 to 407+00

Depth (ft)	Cohesion (c) (psf)	Phi (Φ) (degrees)	Saturated Unit Weight (γ_{sat}) (pcf)	K_0	K_a	K_p
0 - 8	-	30	105	0.5	0.33	3.0
8 - 10	250	--	110	1.0	1.0	1.0

Temporary Wall Earth Pressure Coefficients Everywhere Else on the Project

Depth (ft)	Cohesion (c) (psf)	Phi (Φ) (degrees)	Saturated Unit Weight (γ_{sat}) (pcf)	K_0	K_a	K_p
0 - 10	-	30	105	0.5	0.33	3.0

5. MUCK EXCAVATION

THE FOLLOWING AREAS HAVE BEEN IDENTIFIED AS REQUIRING MUCK EXCAVATION:

- STA. 69+00, 50 FT R OF PROPOSED CENTERLINE TO STA. 73+50, 50 FT R OF PROPOSED CENTERLINE TO A DEPTH OF 2 FT BENEATH THE EXISTING GROUND SURFACE.
- STA. 114+00, 30 FT R OF PROPOSED CENTERLINE TO STA. 118+00, 50 FT R OF PROPOSED CENTERLINE TO A DEPTH OF 2 FT BENEATH THE EXISTING GROUND SURFACE.

ANY ADDITIONAL AREAS THAT ARE DISCOVERED TO DEFLECT OR SETTLE MAY REQUIRE MUCK EXCAVATION AS DIRECTED BY THE RCE. THE RCE WILL DETERMINE THE LATERAL EXTENT OF THE UNDERCUTTING. THE UNDERCUTTING SHOULD NOT EXTEND BEYOND THE TOE OF SLOPE. THE FINAL DEPTH OF MUCK EXCAVATION SHALL NOT EXCEED 5 FEET, UNLESS OTHERWISE SPECIFIED IN THE PLANS AND/OR SPECIFICATIONS. CONTACT THE GEOTECHNICAL ENGINEER-OF-RECORD (GEOR) IF MUCK EXCAVATION NEEDS TO EXCEED 5 FEET AND IT HAS NOT BEEN PREVIOUSLY SPECIFIED IN THE PLANS OR SPECIFICATIONS.

IF THE UNDERCUTTING COMPLETELY REMOVES THE MATERIALS IDENTIFIED AS MUCK, THEN BRIDGE LIFT MATERIALS MAY BE PLACED DIRECTLY ON THE FIRM MATERIALS.

IF BECAUSE OF THE DEPTH OF MUCK, MUCK MATERIALS MUST BE LEFT IN PLACE, PLACE A STABILIZATION GEOSYNTHETIC MEETING THE REQUIREMENTS OF SC-M-203-1. GEOSYNTHETIC MATERIALS FOR SEPARATION AND STABILIZATION. AFTER THE PLACEMENT OF THE INITIAL BRIDGE LIFT MATERIAL, EXPOSE APPROXIMATELY 1 SQUARE FOOT OF THE GEOSYNTHETIC FOR VISUAL OBSERVATION TO IDENTIFY ANY DAMAGE CAUSED BY THE PLACEMENT OF THE BRIDGE LIFT MATERIAL. AFTER ASCERTAINING THAT THE GEOSYNTHETIC HAS NOT BEEN DAMAGED, REPLACE THE BRIDGE LIFT MATERIAL EXCAVATED TO ALLOW OBSERVATION OF THE GEOSYNTHETIC. IF THE GEOSYNTHETIC APPEARS TO BE DAMAGED, EXPOSE A LARGER AREA AND CONTACT THE GEOR FOR INSTRUCTIONS. ANY DAMAGED AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE DEPARTMENT.

ANY RUTS THAT DEVELOP IN BRIDGE LIFT MATERIALS SHALL BE FILLED IN WITH SIMILAR BRIDGE LIFT MATERIALS. DO NOT BLADE DOWN THE RUTS, SINCE THIS WILL DECREASE THE THICKNESS OF THE BRIDGE LIFT.

IN AREAS THAT REQUIRE MUCKING OR UNDERCUTTING, BORROW MATERIAL SOIL MAY BE PLACED AS A BRIDGE LIFT AS LONG AS THE GRADE ON WHICH THE MATERIAL IS BEING PLACED IS AT LEAST 2 FEET ABOVE THE GROUNDWATER OR SURFACE WATER LEVEL. PLACE BORROW MATERIAL BRIDGE LIFTS IN SINGLE LIFT THICKNESSES NO GREATER THAN 2 FEET. DO NOT PLACE A BRIDGE LIFT CONSISTING OF BORROW MATERIAL WITHIN 3 FEET OF THE BASE OF THE PAVEMENT SECTION. PLACE ONLY COMPACTED BORROW MATERIAL SOIL OR STONE BRIDGE LIFT WITHIN THIS ZONE.

IN THE EVENT THAT GROUNDWATER/SURFACE WATER DOES NOT ALLOW BACKFILLING WITH BORROW MATERIAL SOIL, USE EITHER STONE OR GRANULAR BRIDGE LIFT MATERIALS MEETING THE REQUIREMENTS OF BRIDGE LIFT MATERIALS SUPPLEMENT SPECIFICATION. PLACE THE BRIDGE LIFT MATERIALS IN SINGLE LIFTS NOT EXCEEDING A 2-FOOT THICKNESS. IF ADDITIONAL COMPACTED BORROW MATERIAL SOIL IS NEEDED TO REACH GRADE, PLACE A GEOTEXTILE FOR SEPARATION MEETING THE REQUIREMENTS OF SC-M-203-1, GEOSYNTHETIC MATERIALS FOR SEPARATION AND STABILIZATION BETWEEN THE STONE BRIDGE LIFT AND THE OVERLYING COMPACTED SOIL. AFTER THE PLACEMENT OF THE INITIAL LIFT OF COMPACTED MATERIAL, EXPOSE APPROXIMATELY 1 SQUARE FOOT OF THE GEOSYNTHETIC FOR VISUAL OBSERVATION TO IDENTIFY ANY DAMAGE CAUSED BY THE PLACEMENT OF THE COMPACTED MATERIAL. AFTER ASCERTAINING THAT THE GEOSYNTHETIC HAS NOT BEEN DAMAGED, REPLACE AND COMPACT THE MATERIAL EXCAVATED TO ALLOW OBSERVATION OF THE GEOSYNTHETIC. IF THE GEOSYNTHETIC APPEARS TO BE DAMAGED, EXPOSE A LARGER AREA AND CONTACT THE GEOR FOR INSTRUCTIONS. ANY DAMAGED AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE DEPARTMENT.

THE QUANTITIES ASSOCIATED WITH MUCKING AND UNDERCUTTING, I.E. MUCKING, BRIDGE LIFT MATERIAL, GEOGRID, AND GEOTEXTILE FOR SEPARATION OF SUB-GRADE AND SUB-BASE, ARE FOR BID ESTIMATION PURPOSES ONLY. DO NOT PURCHASE OR STOCKPILE THESE BID ITEMS ON SITE WITHOUT PRIOR WRITTEN APPROVAL FROM THE RCE UNLESS SPECIFIC AREAS AND DETAILS ARE DEFINED IN THE PLANS.

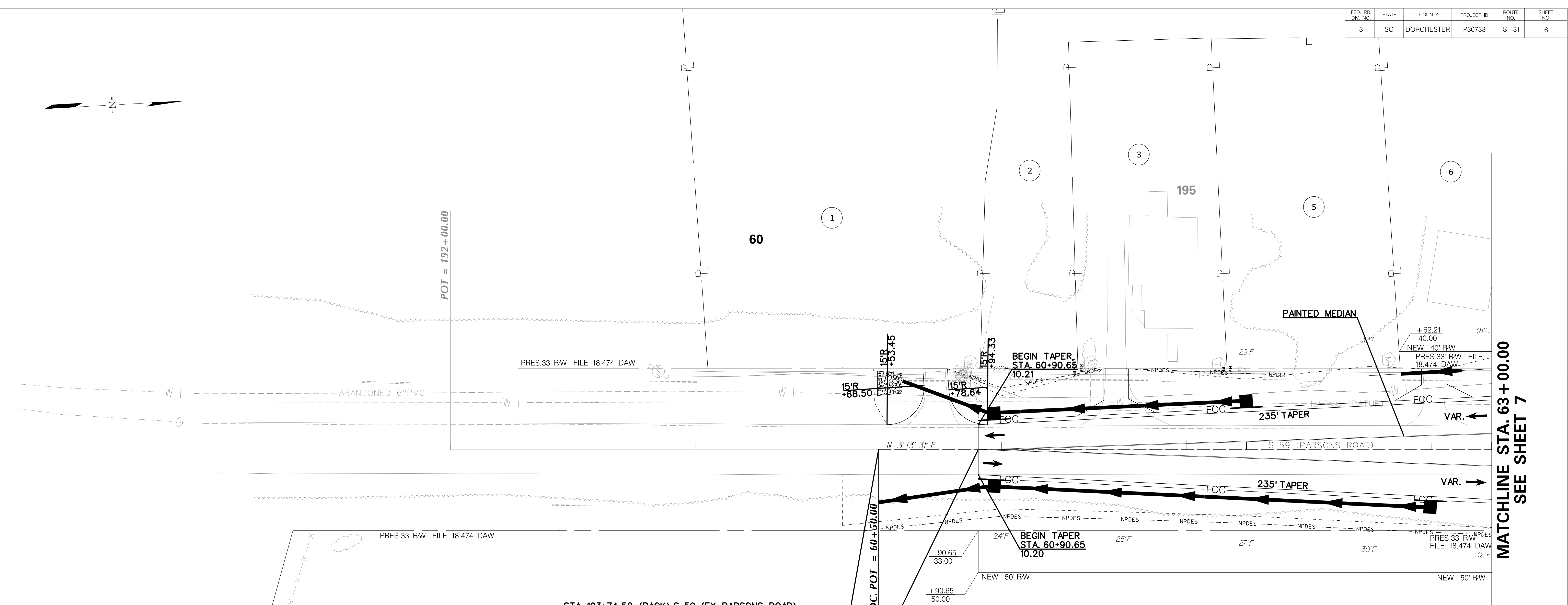
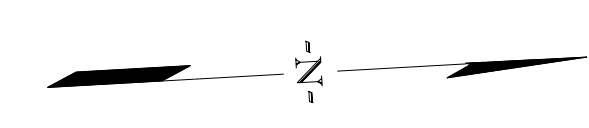


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TOWN OF SUMMERVILLE	
NORTH MAPLE STREET GEOTECHNICAL NOTES	
SHEET 5G	SCALE: NTS

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3	SC	DORCHESTER	P30733	S-131	6

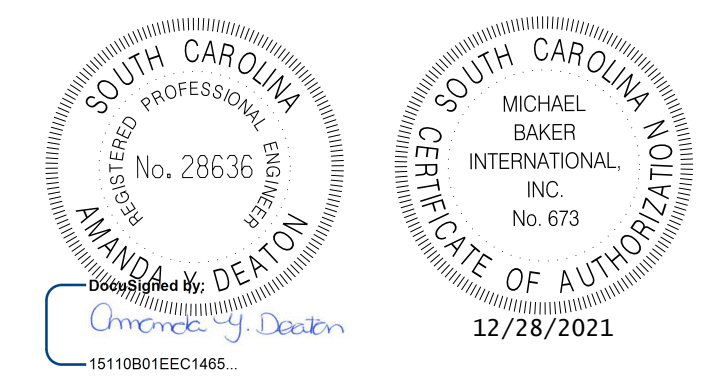
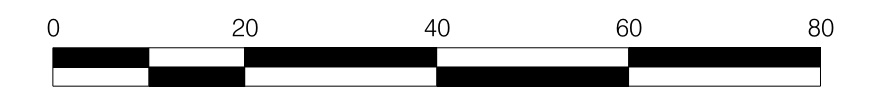


STA 193+74.52 (BACK) S-59 (EX PARSONS ROAD)-
 STA 57+80.11 (AHEAD) S-59 (PARSONS ROAD)
 (-13,594.41)

STA 60+90.65
 BEG. CONSTRUCTION
 S-59 (PARSONS ROAD)

Utility	Owner	Contact	Phone	Email	Address
Power-Distribution	Dominion Energy	Timothy Ridgell	(843) 851-4954	timothy_ridgell@dominionenergy.com	129 Spaniel Lane Summerville, SC 29483
Water	Summerville CPW	Chris Kahler	(843) 875-8754	rckahler@summervillecpw.com	PO Box 817 Summerville, SC 29484
		Micah Miley	(843) 412-3734	mmiley@summervillecpw.com	
Sewer	Dorchester County Water & Sewer	Jason Coffman	(843) 832-0083	jcoffman@dorchestercounty.net	235 Deming Way Summerville, SC 29483
Gas	Dominion Energy	Jordan Reese	(843) 576-8027	william.reese@dominionenergy.com	6099 Fain Street N. Charleston, SC 29418
		Jerry Mondo	(843) 277-4487	gerald.mondo@dominionenergy.com	
Telephone/CATV	AT&T	Kaye Jefferson	(843) 745-4424	cj9951@att.com	385 Meeting Street Room 318 Charleston, SC 29403
	Segra	Bill Meyerhoff	(843) 834-2828	bill.meyerhoff@segra.com	5900 Core Drive North Charleston SC 29406
	Spectrum	Steve Sizemore	(843) 285-7621	michael.s.sizemore@charter.com	410 Trolley Road Summerville SC 29485

SEE SHEETS D6 - D25A FOR
 DRAINAGE INFORMATION
 ALIGNMENT CONTROL CAN BE FOUND ON
 REFERENCE DATA SHEET 5D



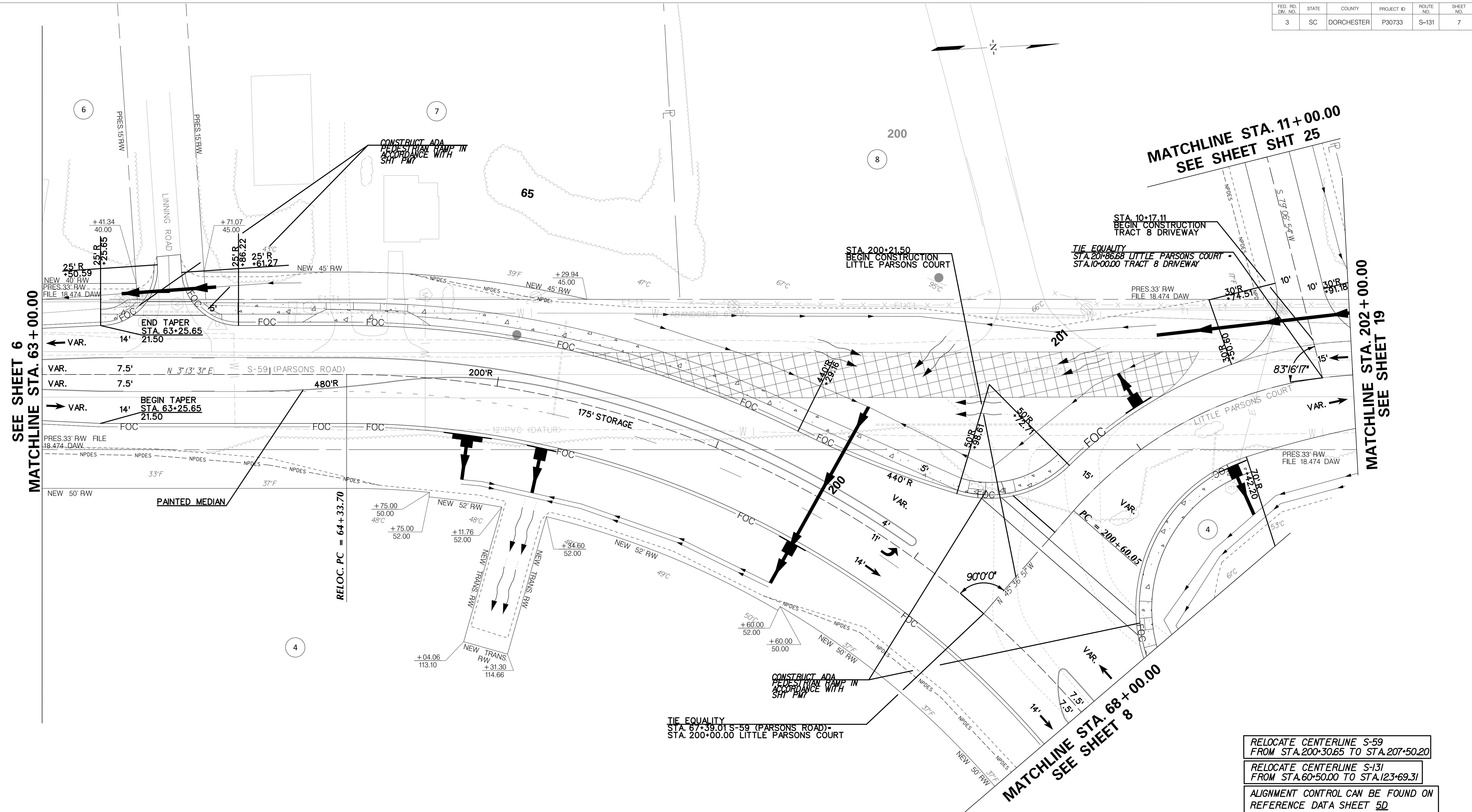
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TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PLAN SHEET
 STA. 60+90.65 TO STA. 63+00.00
 SHEET 6 SCALE: 1" = 20'

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MATCHLINE STA. 63+00.00
 SEE SHEET 7

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	7



SEE SHEET 6
MATCHLINE STA. 63+00.00

MATCHLINE STA. 11+00.00
SEE SHEET 25

MATCHLINE STA. 202+00.00
SEE SHEET 19

MATCHLINE STA. 68+00.00
SEE SHEET 8

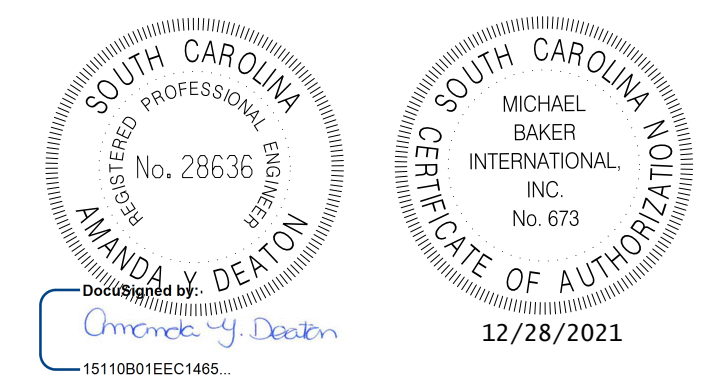
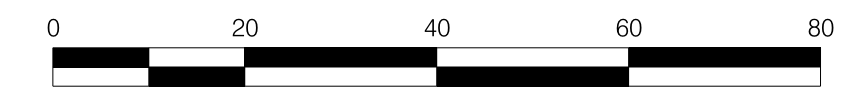
PAVEMENT REMOVAL

SEE SHEET 19A FOR LITTLE PARSONS COURT PROFILE
SEE SHEET 25A FOR TRACT 8 DRIVEWAY PROFILE

RELOCATE CENTERLINE S-59
FROM STA. 200+30.65 TO STA. 207+50.20

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D



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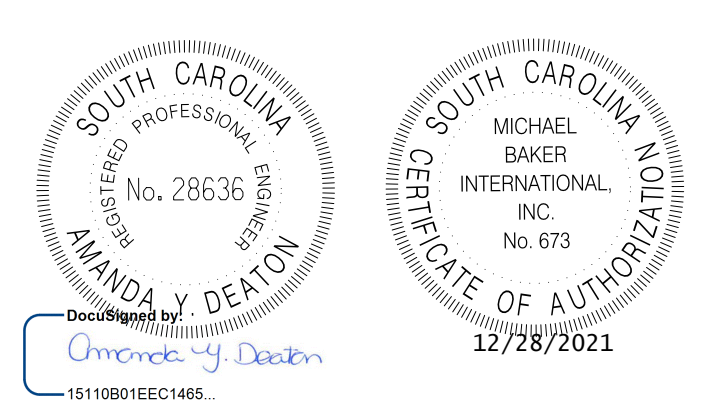
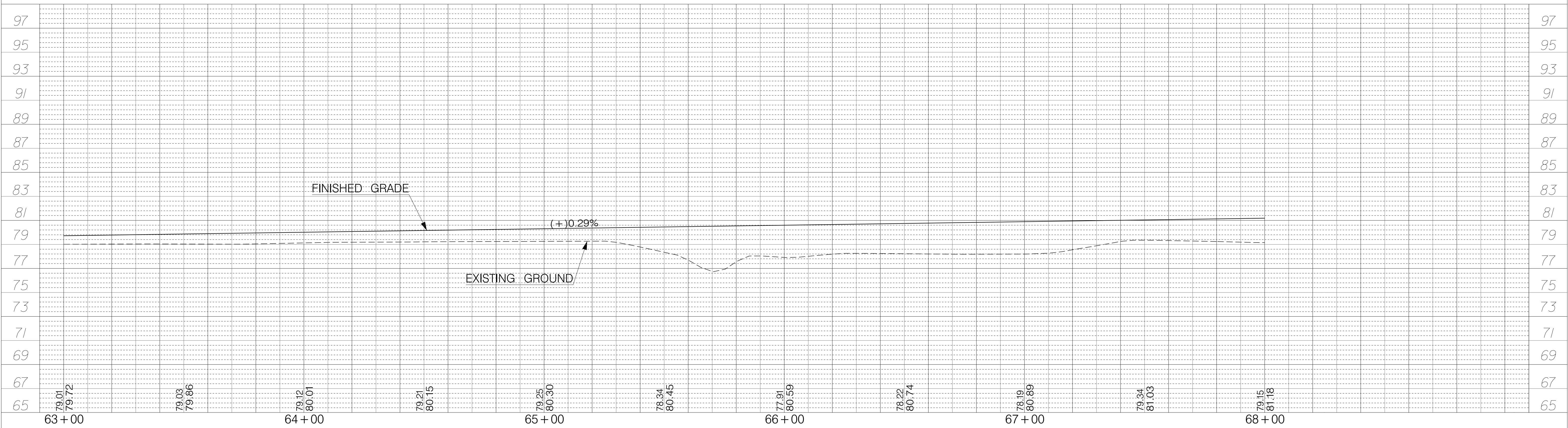
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
PLAN SHEET
STA. 62+00.00 TO STA. 68+00.00
STA. 200+00.00 TO STA. 202+00.00

SHEET 7 SCALE: 1" = 20'

R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH1_07.dgn 15-DEC-2021 08:41 Peter.Donard@mbi.com

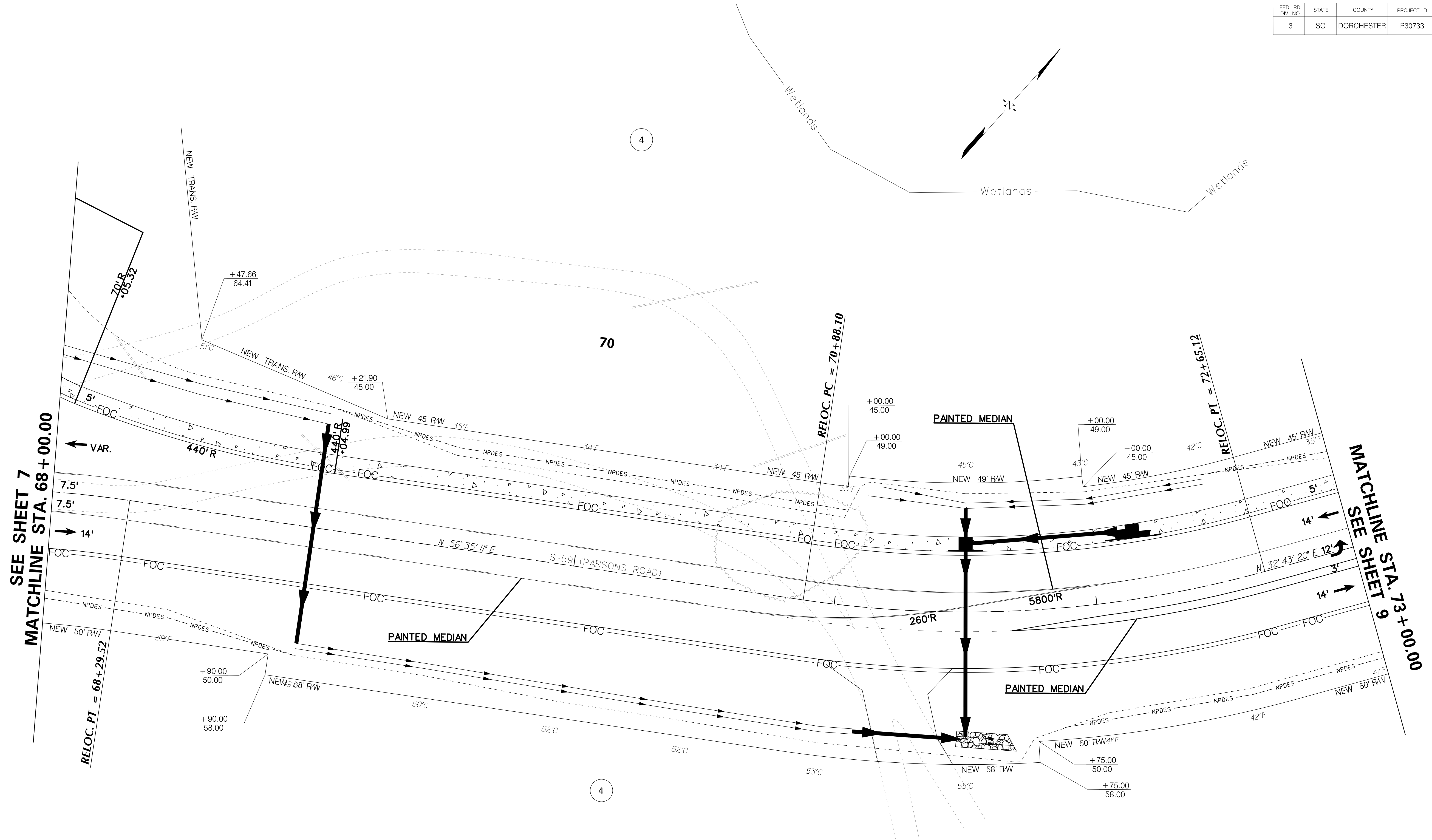
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	7A



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 STA. 60+90.65 TO STA. 68+00.00

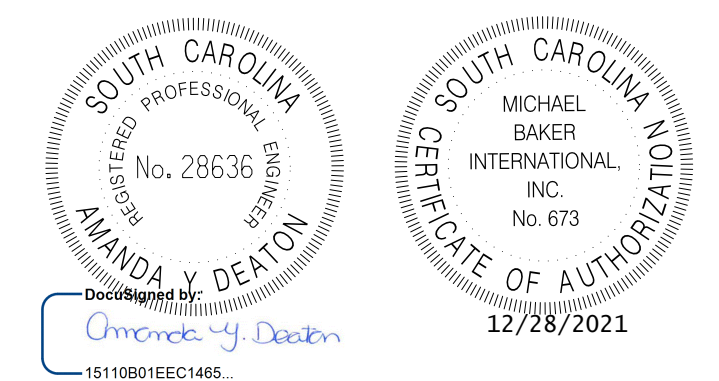
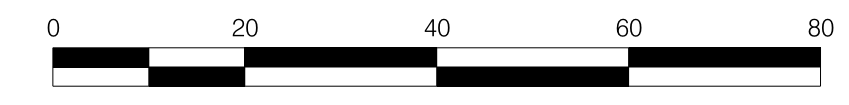
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	8



SEE SHEET 7
MATCHLINE STA. 68+00.00

MATCHLINE STA. 73+00.00
SEE SHEET 9

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31
ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 68+00.00 TO STA. 73+00.00
SHEET 8
SCALE: 1" = 20'

15-DEC-2021 08:42 Peter.Dondanville R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH1_08.dgn

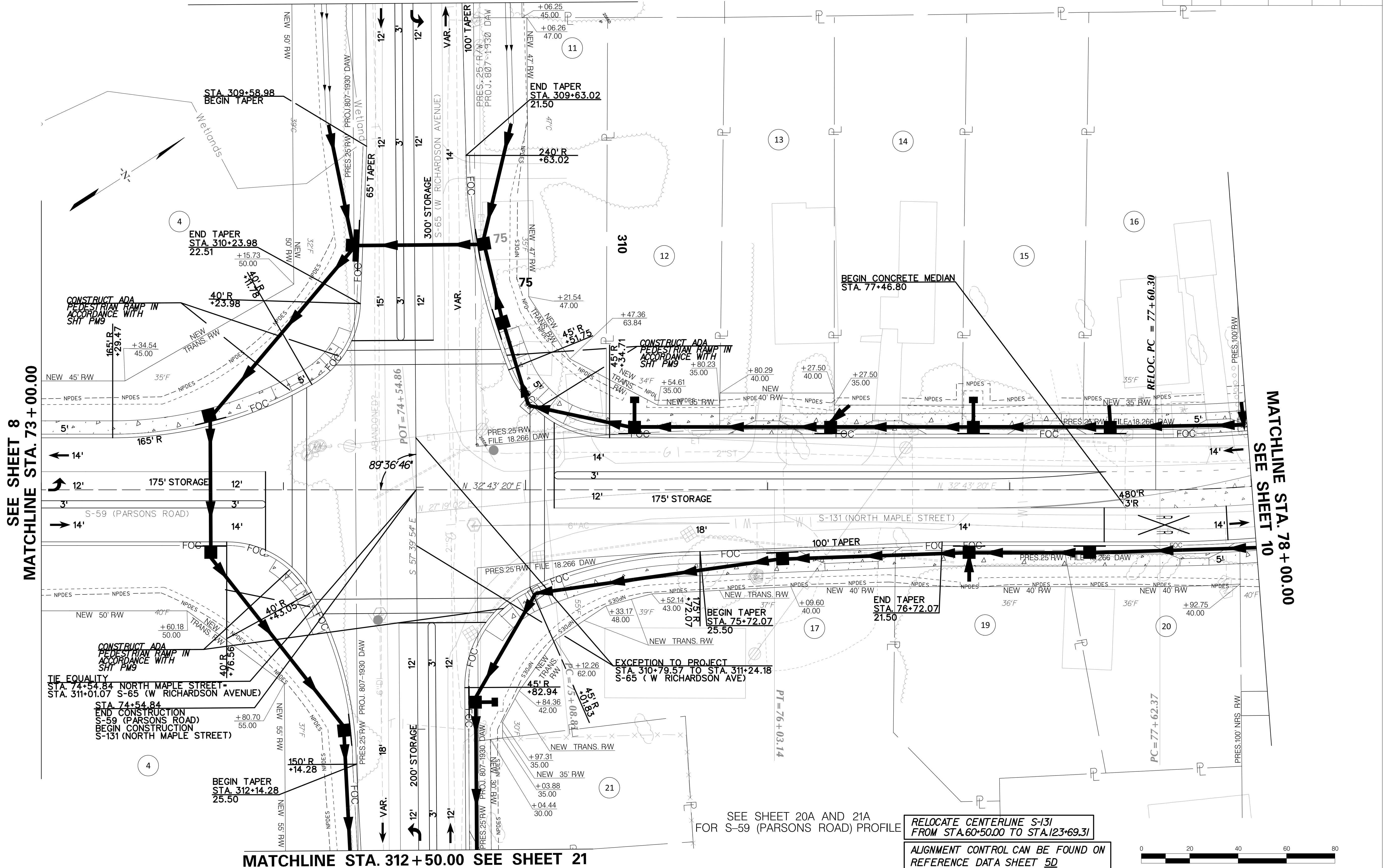
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	9

MATCHLINE STA. 309+00.00 SEE SHEET 20

SEE SHEET 8
MATCHLINE STA. 73+00.00

MATCHLINE STA. 78+00.00
SEE SHEET 10

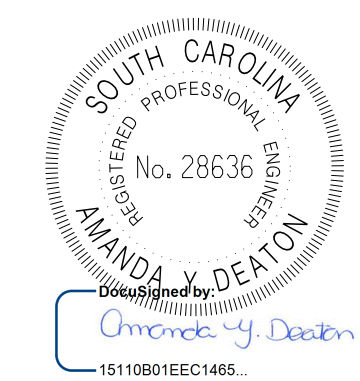
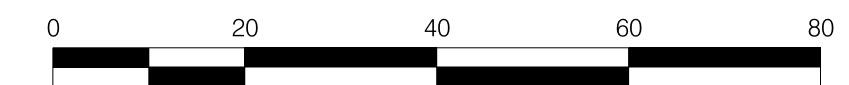
MATCHLINE STA. 312+50.00 SEE SHEET 21



SEE SHEET 20A AND 21A
FOR S-59 (PARSONS ROAD) PROFILE

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

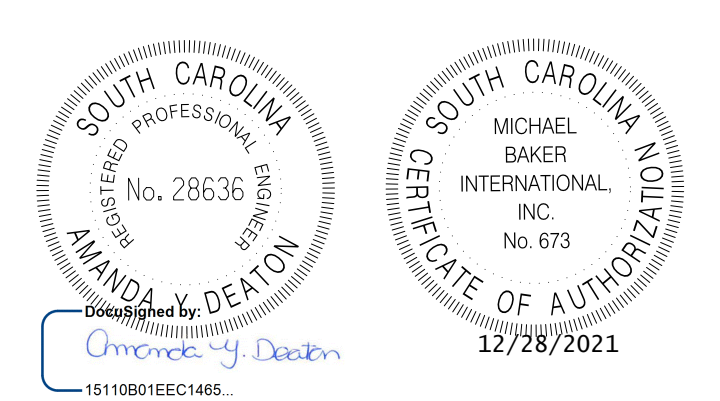
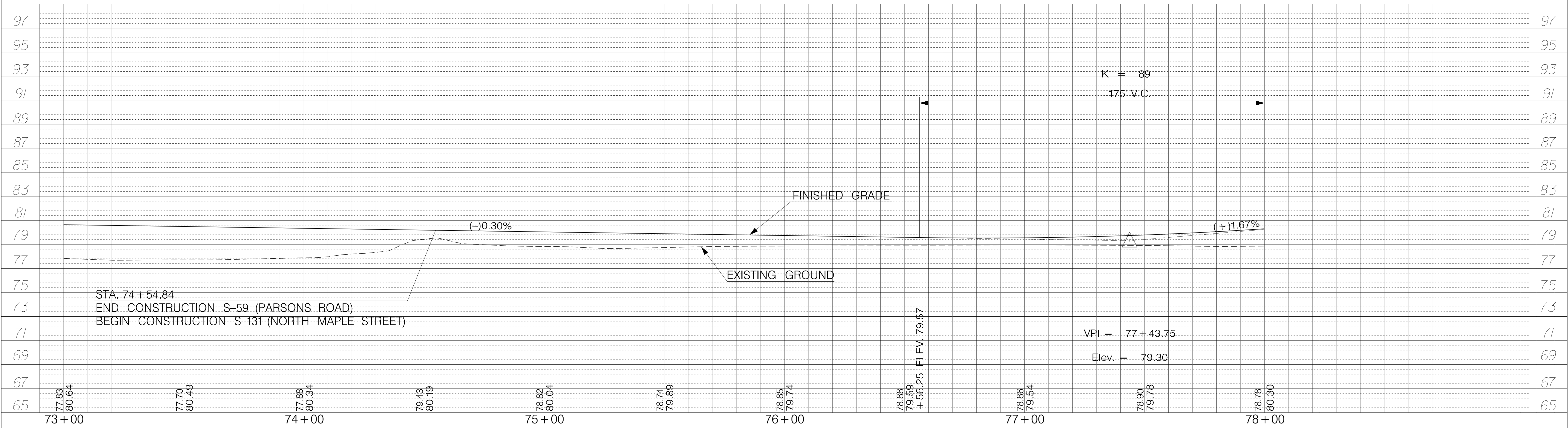
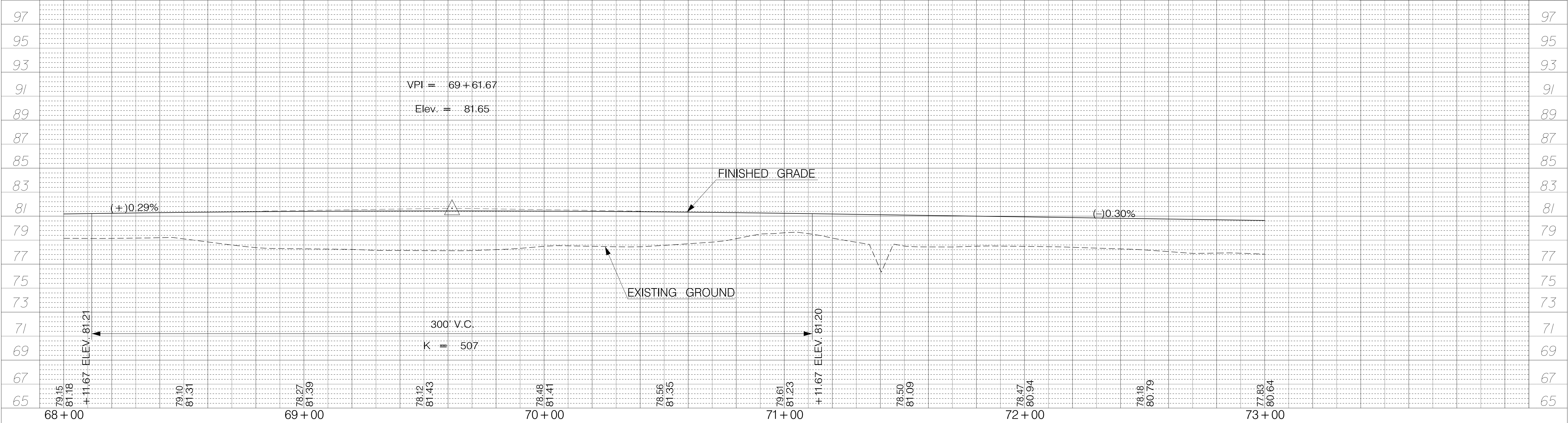
S-131 (NORTH MAPLE STREET) /
S-65 (W RICHARDSON AVE)
PLAN SHEET
STA. 73+00.00 TO STA. 78+00.00
STA. 309+00.00 TO STA. 312+50.00

SHEET 9

SCALE: 1" = 20'

15-DEC-2021 08:42 Peter.Dondanville R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SHT_09.dgn

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	9A

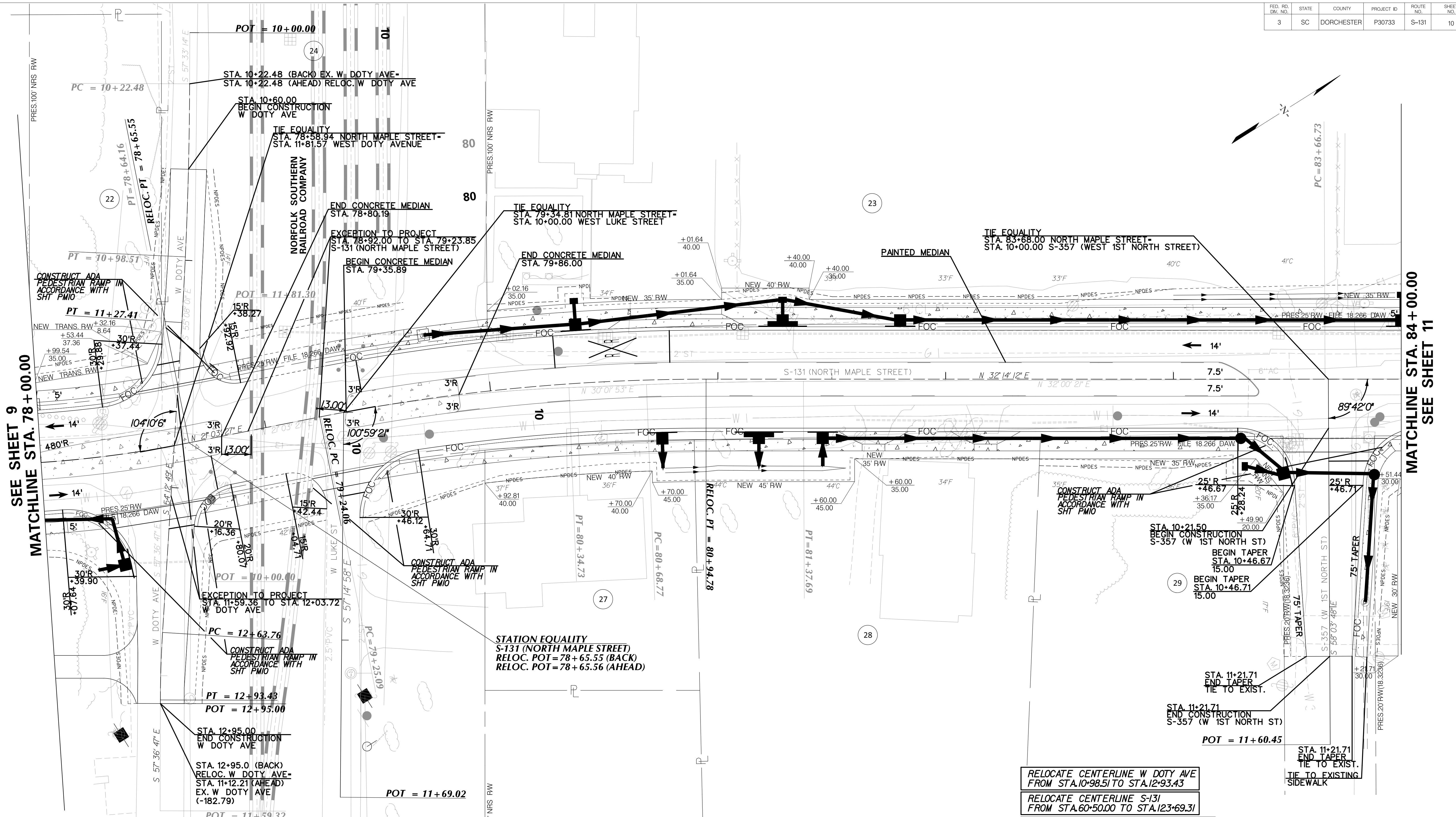


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PROFILE SHEET
STA. 68+00.00 TO STA. 78+00.00

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	10



SEE SHEET 9
MATCHLINE STA. 78+00.00

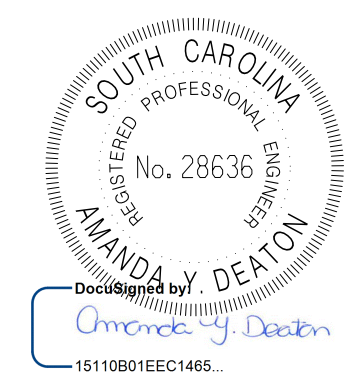
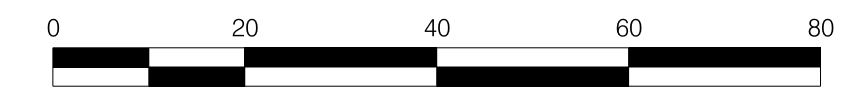
MATCHLINE STA. 84+00.00
SEE SHEET 11

SEE SHEET 26 FOR W DOTY AVENUE PROFILE
SEE SHEET 26 FOR S-357 (WEST 1ST STREET) PROFILE

RELOCATE CENTERLINE W DOTY AVE
FROM STA. 10+98.51 TO STA. 12+93.43

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D5E



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

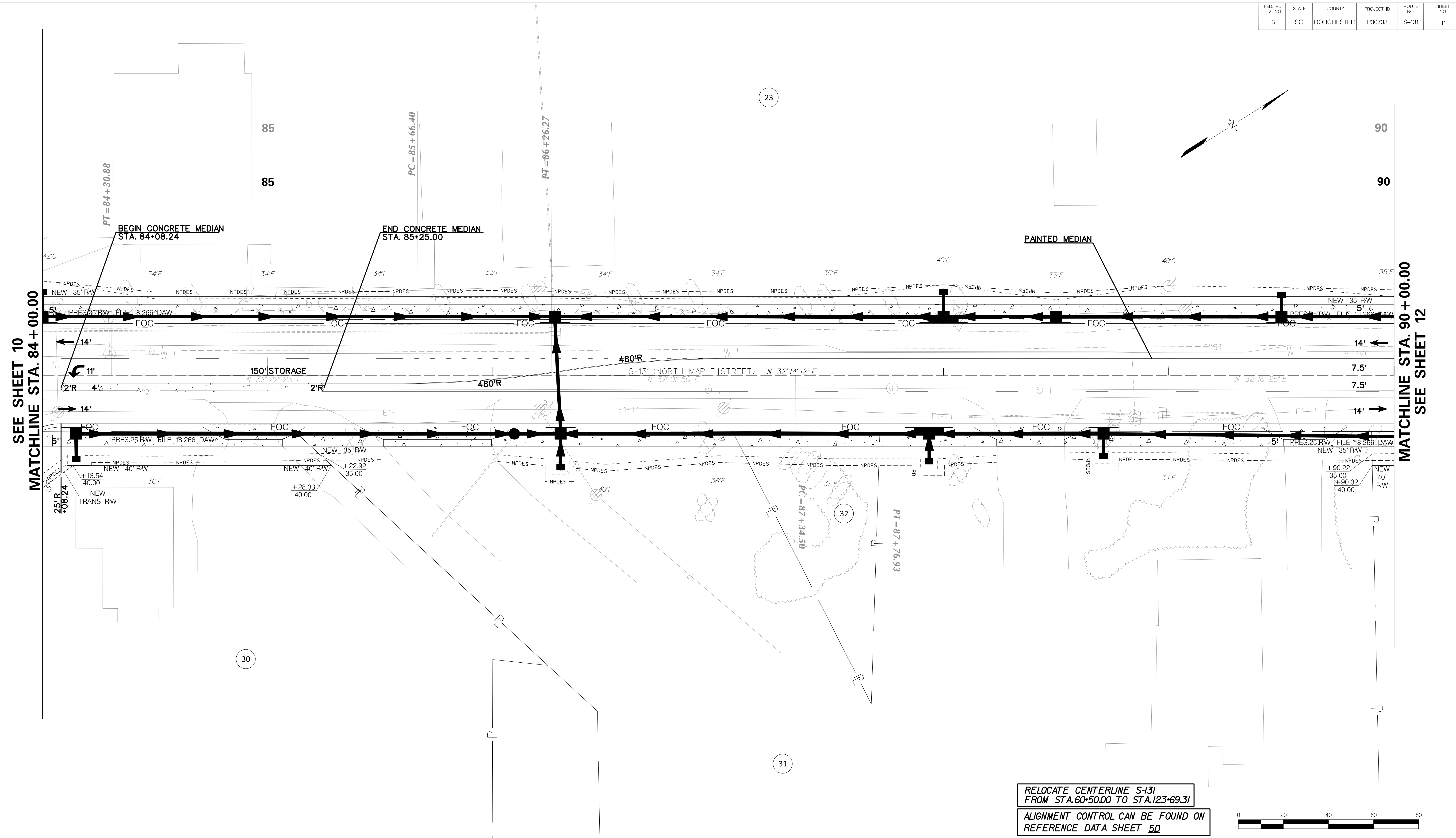
S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 78+00.00 TO STA. 84+00.00

SHEET 10

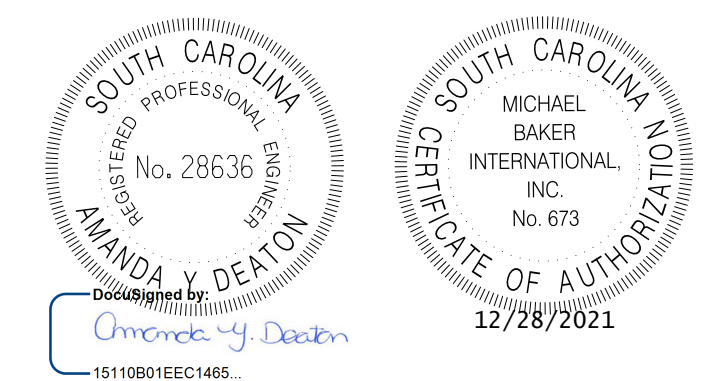
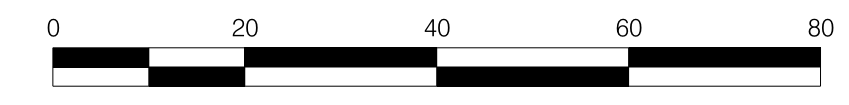
SCALE: 1" = 20'

15-DEC-2021 08:42 Peter.Dondanville R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SHT_10.dgn

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	11



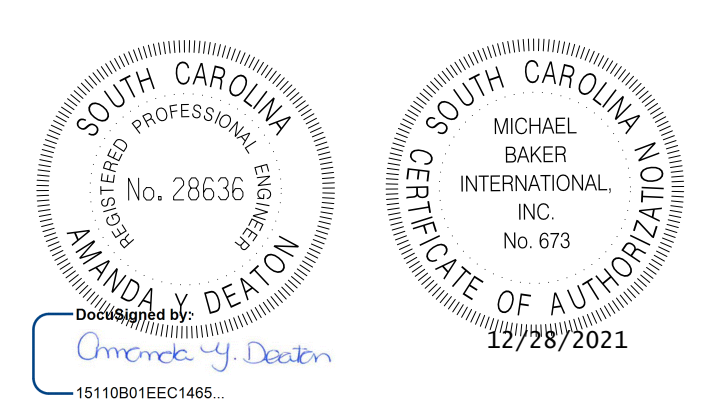
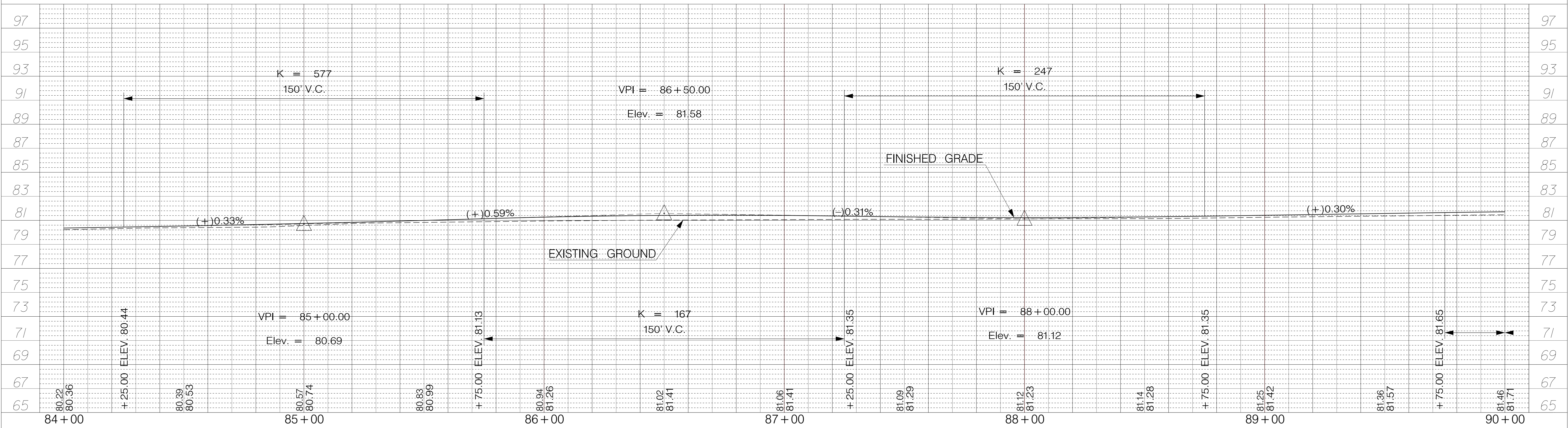
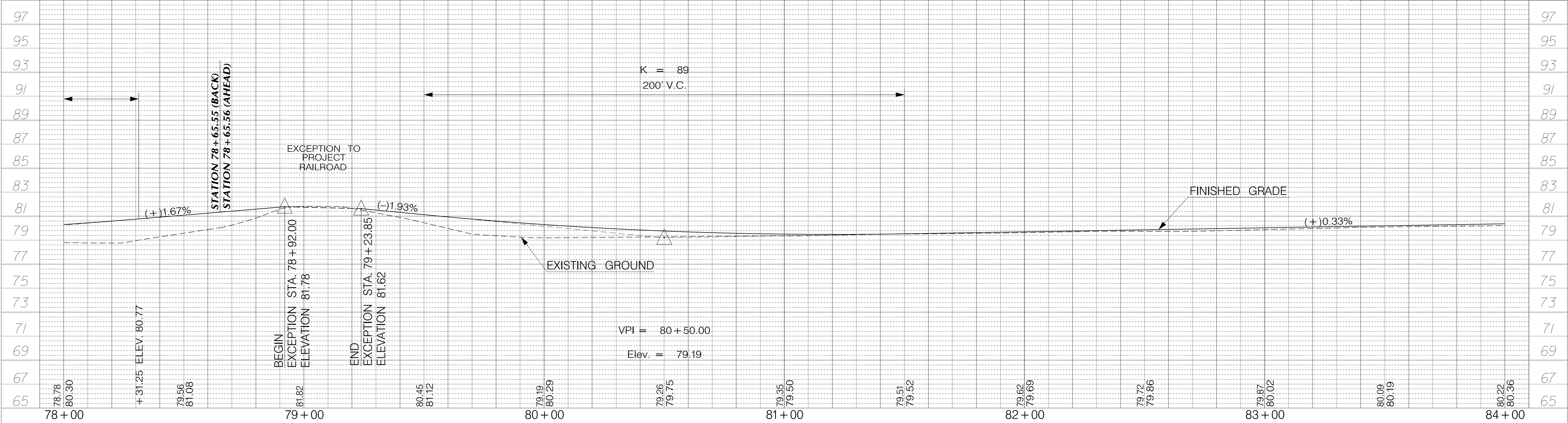
RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31
ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 84 + 00.00 TO STA. 90 + 00.00
SHEET 11 SCALE: 1" = 20'

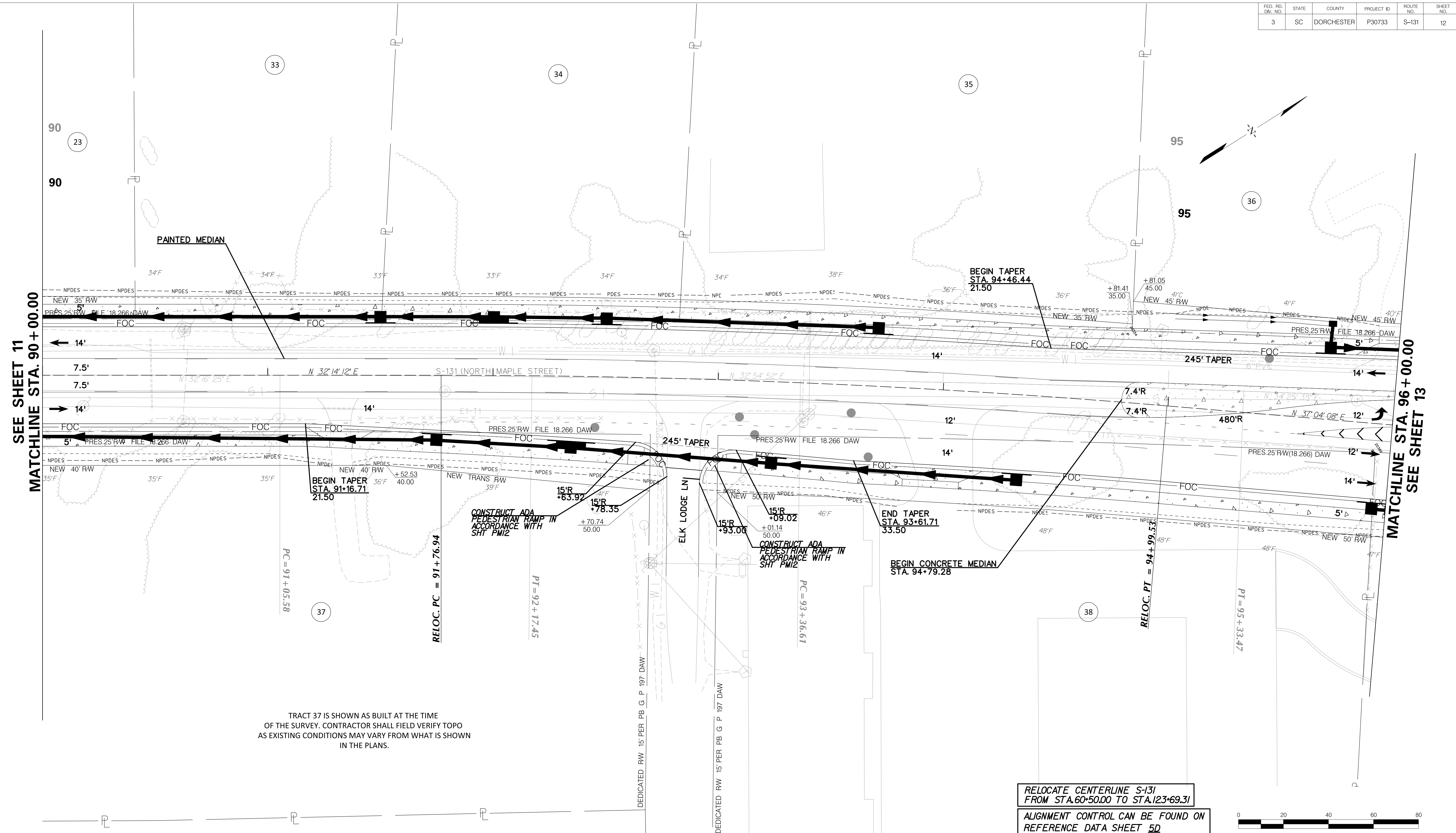
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	11A



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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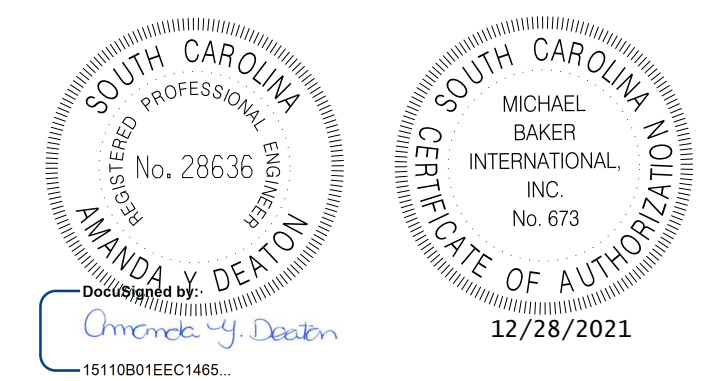
TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 STA. 78+00.00 TO STA. 90+00.00

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	12



TRACT 37 IS SHOWN AS BUILT AT THE TIME OF THE SURVEY. CONTRACTOR SHALL FIELD VERIFY TOPO AS EXISTING CONDITIONS MAY VARY FROM WHAT IS SHOWN IN THE PLANS.

RELOCATE CENTERLINE S-131 FROM STA. 60+50.00 TO STA. 123+69.31
ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET 5D



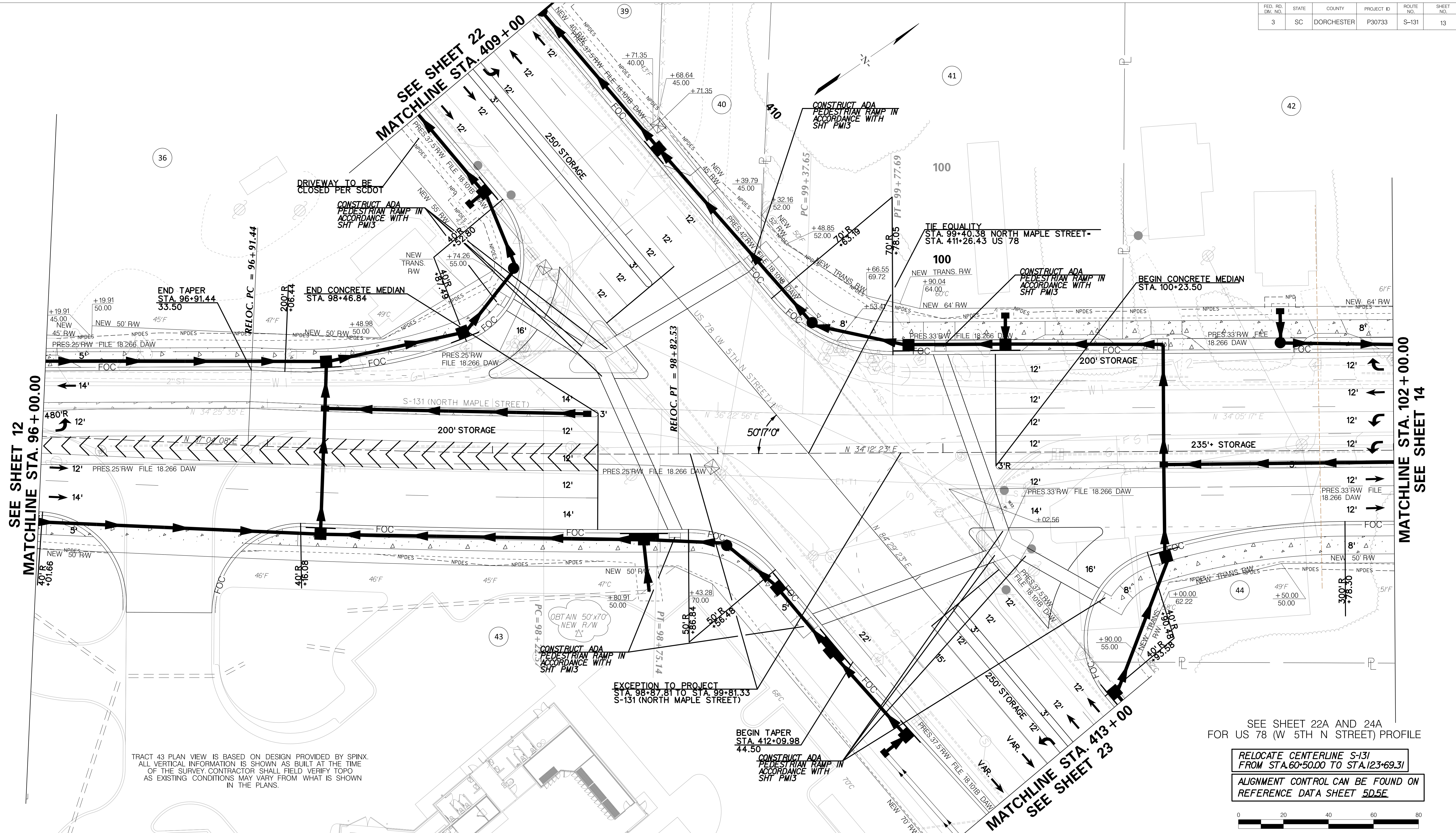
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PLAN SHEET
 STA. 90+00.00 TO STA. 96+00.00
 SHEET 12
 SCALE: 1" = 20'

15-DEC-2021 08:42 Peter.Dondanville
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	13



SEE SHEET 12
MATCHLINE STA. 96+00.00

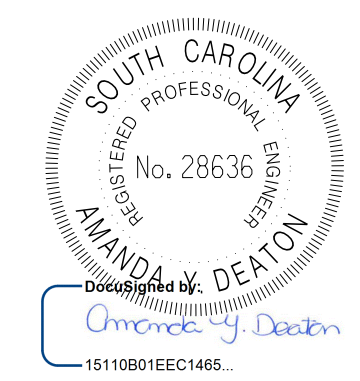
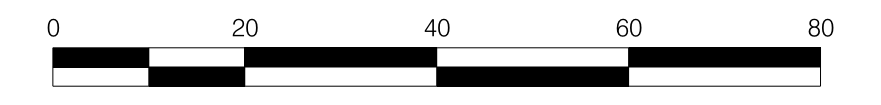
MATCHLINE STA. 102+00.00
SEE SHEET 14

TRACT 43 PLAN VIEW IS BASED ON DESIGN PROVIDED BY SPINX. ALL VERTICAL INFORMATION IS SHOWN AS BUILT AT THE TIME OF THE SURVEY. CONTRACTOR SHALL FIELD VERIFY TOPO AS EXISTING CONDITIONS MAY VARY FROM WHAT IS SHOWN IN THE PLANS.

EXCEPTION TO PROJECT
STA. 98+87.81 TO STA. 99+81.33
S-131 (NORTH MAPLE STREET)

SEE SHEET 22A AND 24A
FOR US 78 (W 5TH N STREET) PROFILE

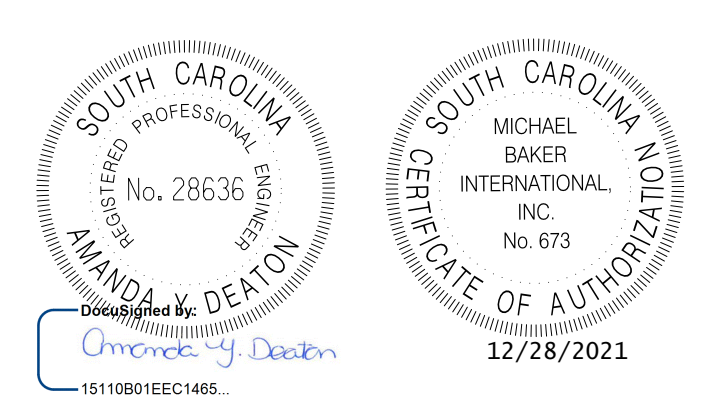
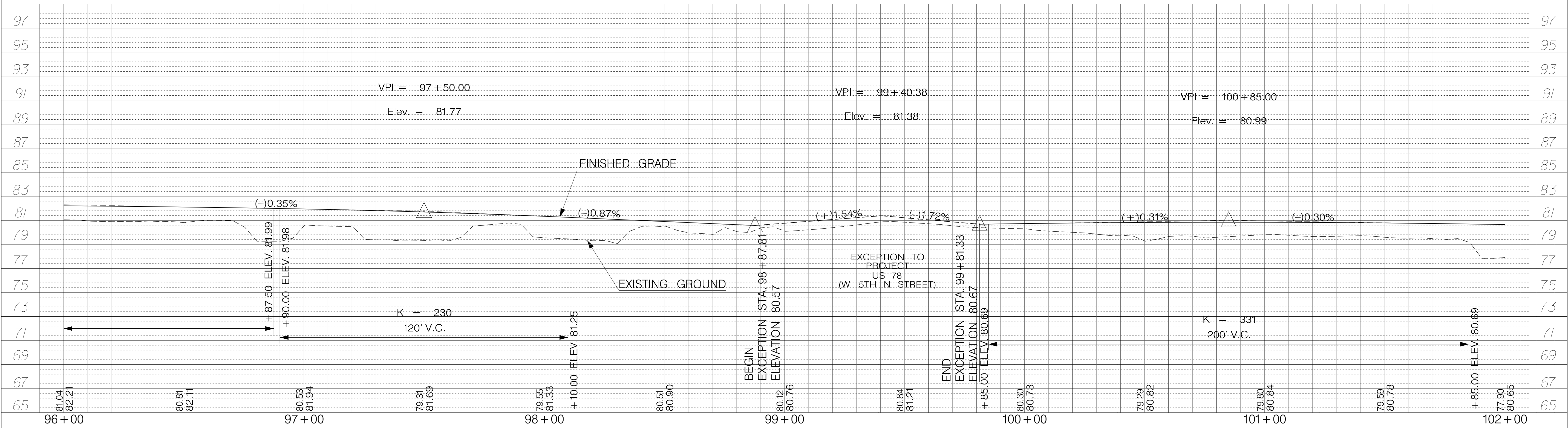
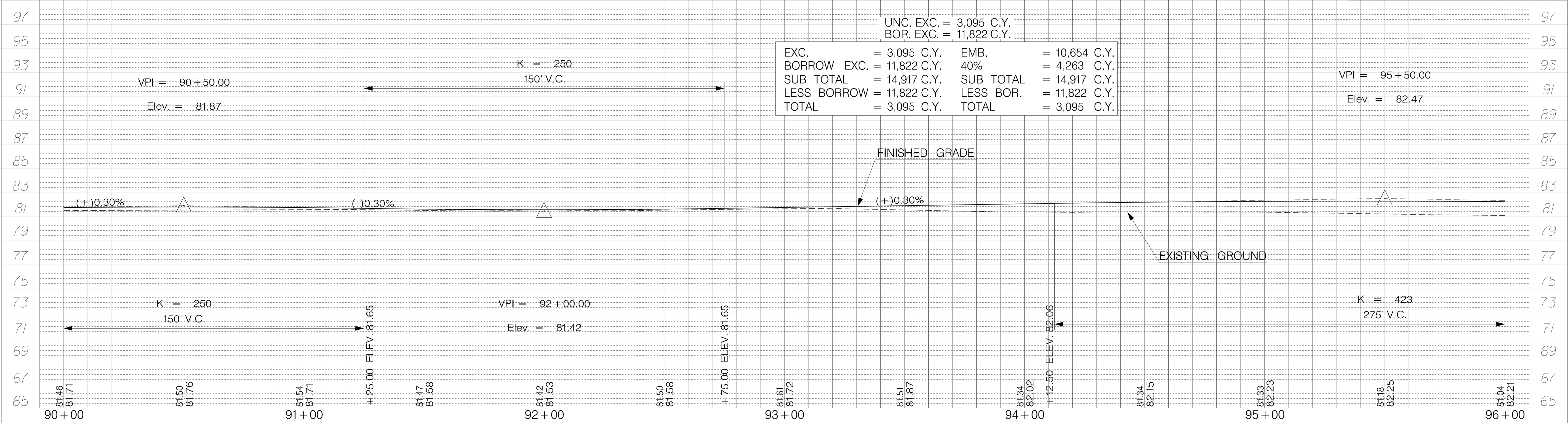
RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31
ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D.5E



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE
US 78 (W 5TH N STREET) /
S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 409+00.00 TO STA. 413+00.00
STA. 96+00.00 TO STA. 102+00.00
SHEET 13 SCALE: 1" = 20'

15-DEC-2021 08:42 Peter.Donard@mbi.com R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH1_13.dgn



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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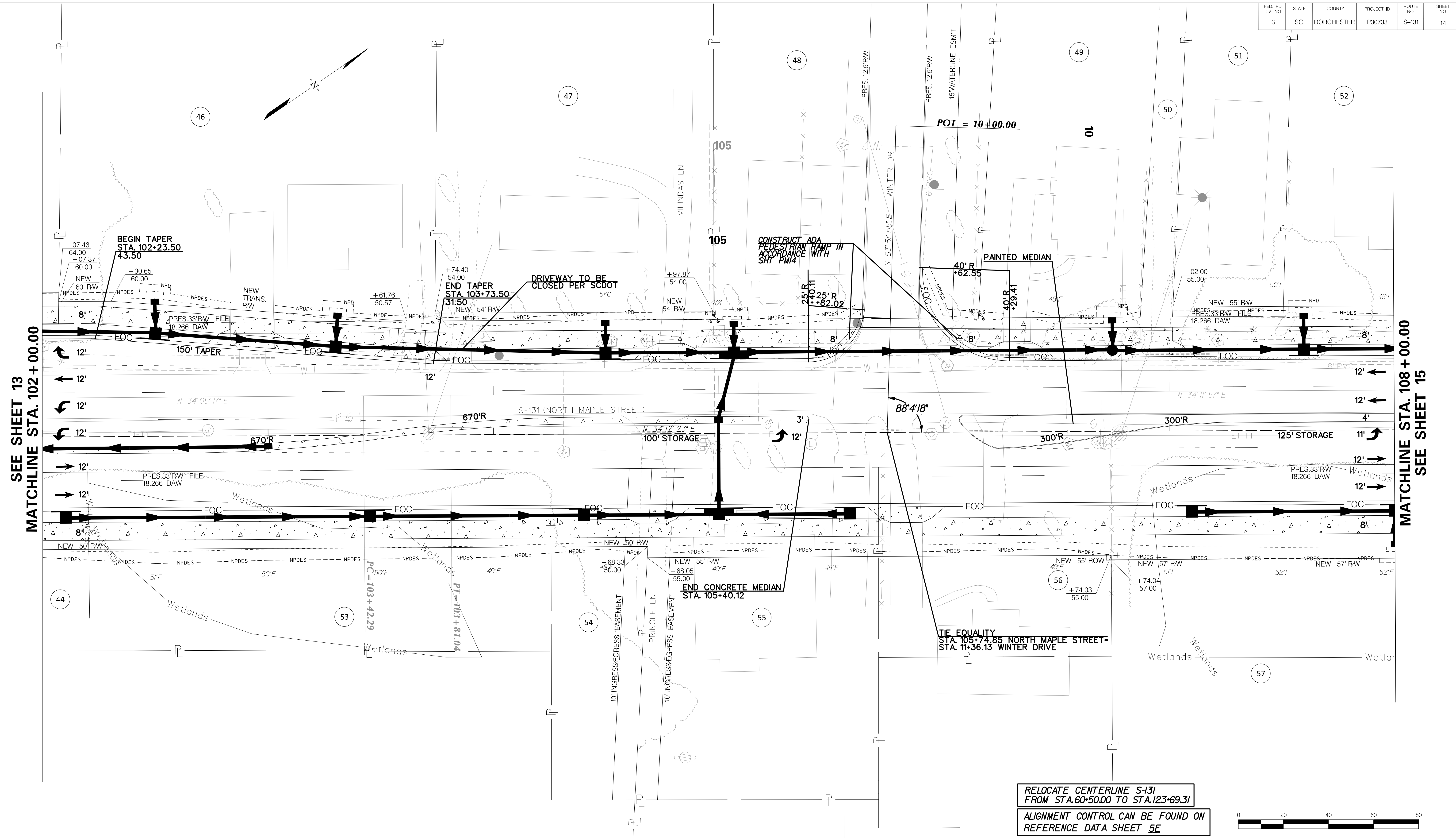
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PROFILE SHEET
STA. 90+00.00 TO STA. 102+00.00

SHEET 13A

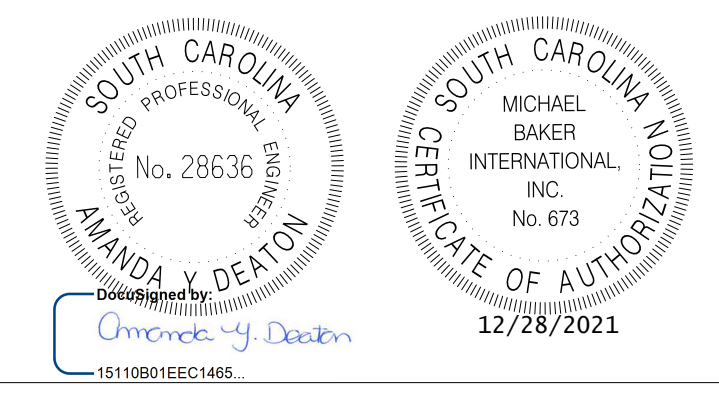
SCALE: 1" = 20'

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3	SC	DORCHESTER	P30733	S-131	14

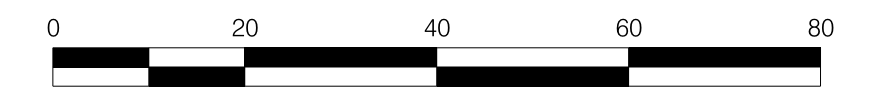


SEE SHEET 13
MATCHLINE STA. 102 + 00.00

MATCHLINE STA. 108 + 00.00
SEE SHEET 15



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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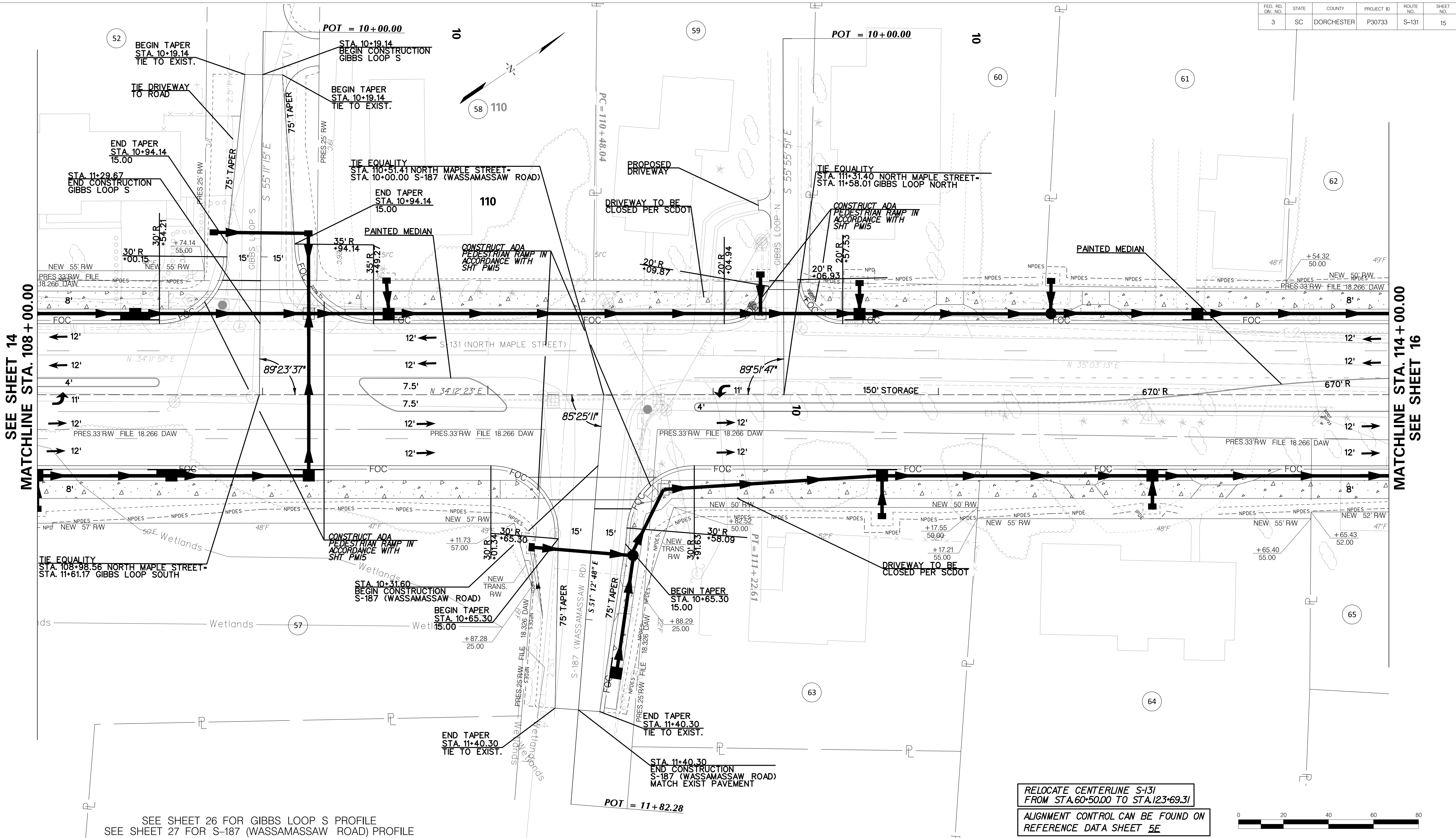


TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 102 + 00.00 TO STA. 108 + 00.00

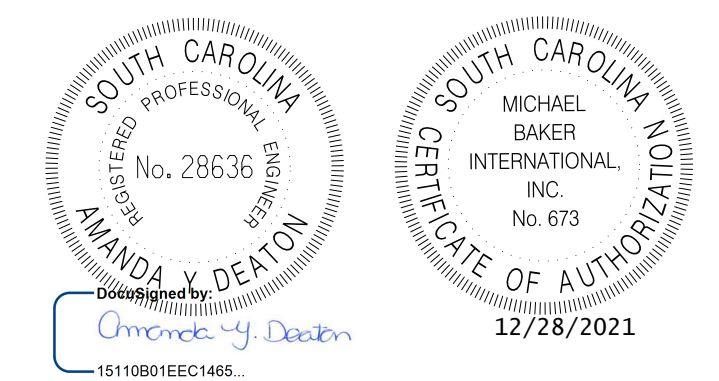
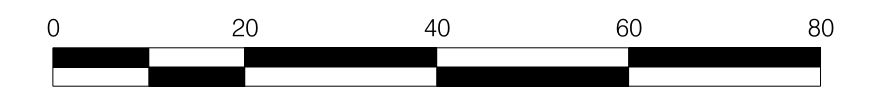
SHEET 14 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	15



SEE SHEET 26 FOR GIBBS LOOP S PROFILE
 SEE SHEET 27 FOR S-187 (WASSAMASSAW ROAD) PROFILE

RELOCATE CENTERLINE S-131
 FROM STA. 60+50.00 TO STA. 123+69.31
 ALIGNMENT CONTROL CAN BE FOUND ON
 REFERENCE DATA SHEET 5E



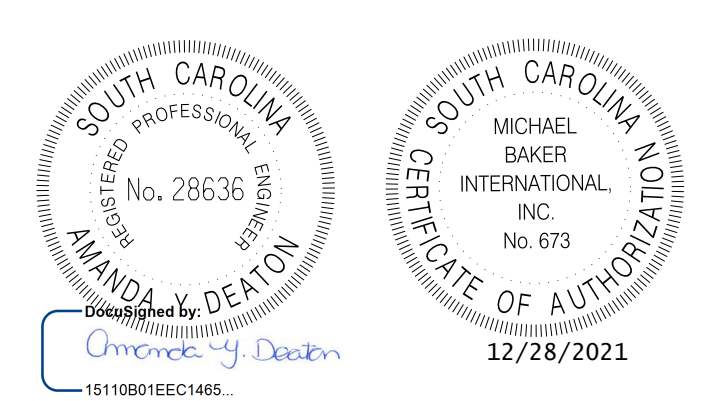
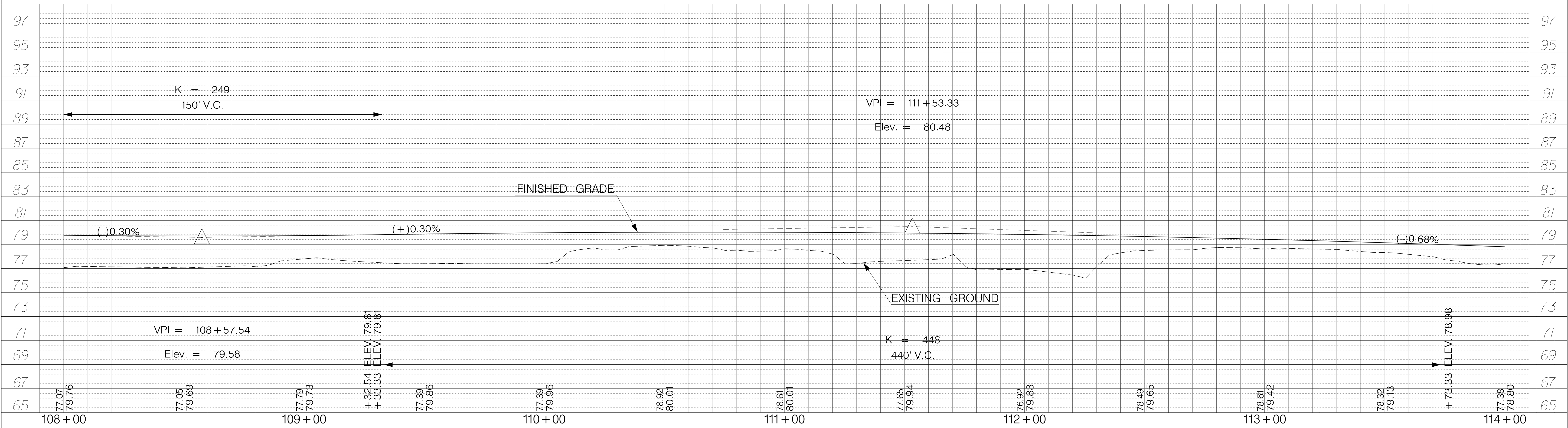
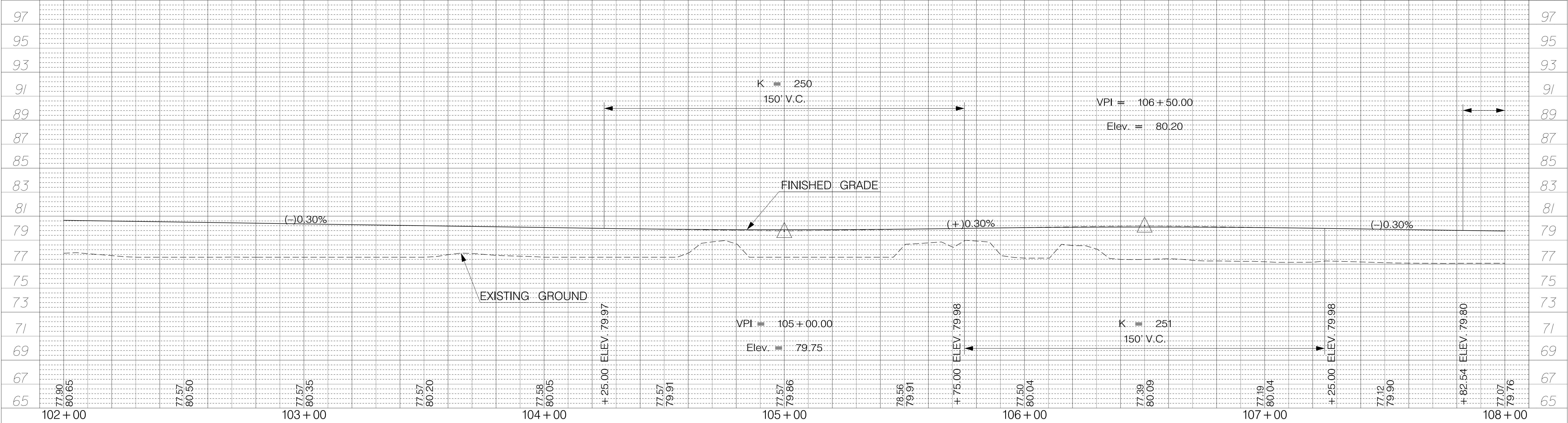
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 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PLAN SHEET
 STA. 108+00.00 TO STA. 114+00.00
 SHEET 15
 SCALE: 1" = 20'

15-DEC-2021 08:43 Peter.Dondanville R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH_15.dgn

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	15A



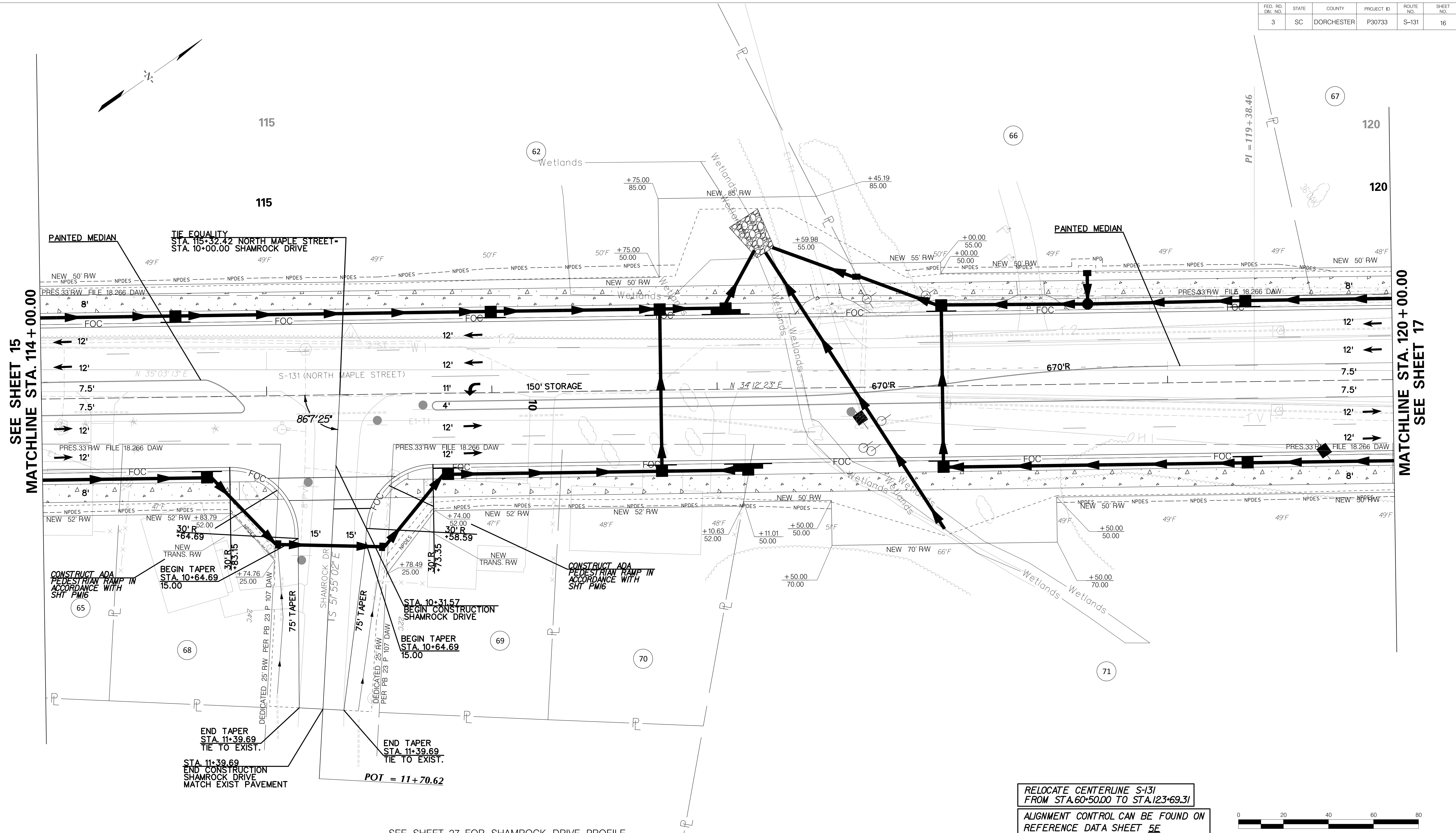
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PROFILE SHEET
STA. 102+00.00 TO STA. 114+00.00

SHEET 15A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	16



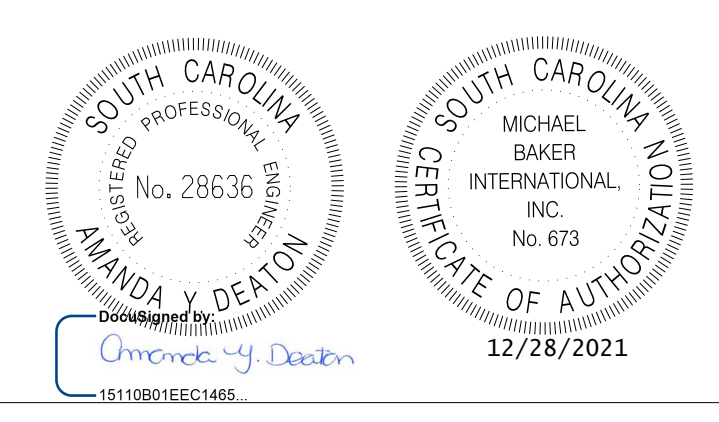
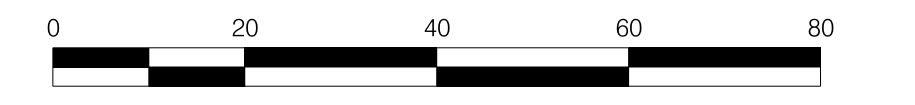
SEE SHEET 15
MATCHLINE STA. 114 + 00.00

MATCHLINE STA. 120 + 00.00
SEE SHEET 17

SEE SHEET 27 FOR SHAMROCK DRIVE PROFILE

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5E



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

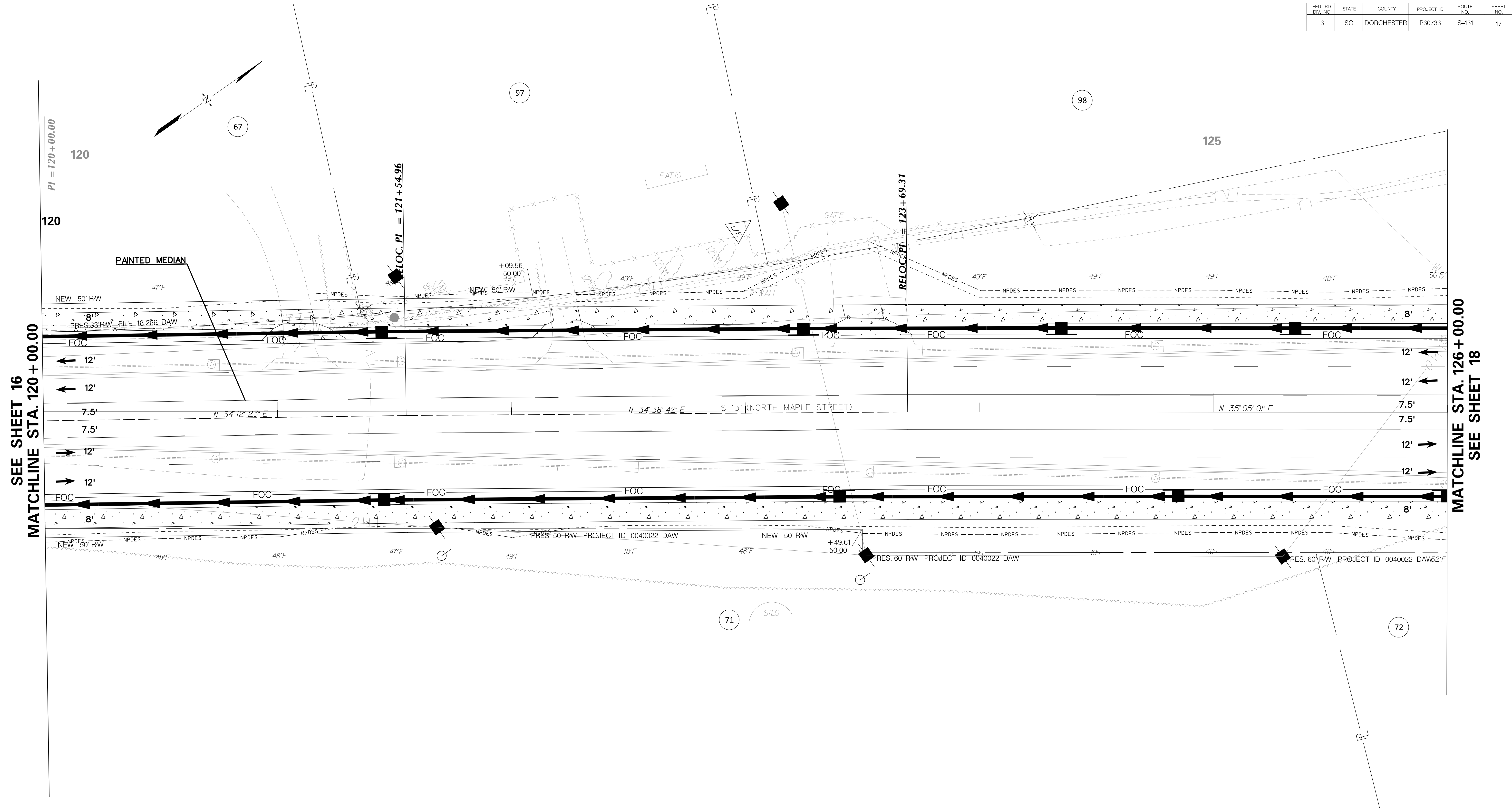
S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 114 + 00.00 TO STA. 120 + 00.00

SHEET 16

SCALE: 1" = 20'

15-DEC-2021 08:43 Peter.Dondanville R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHETS\SH1_16.dgn

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	17

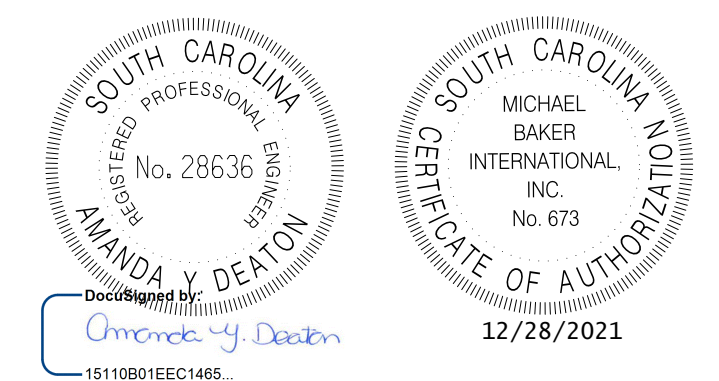
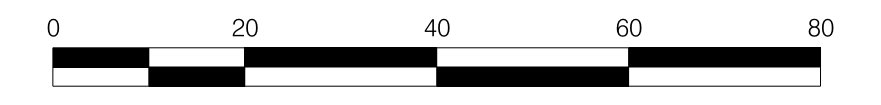


SEE SHEET 16
MATCHLINE STA. 120+00.00

MATCHLINE STA. 126+00.00
SEE SHEET 18

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5E



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:		DATE		
DRAWN BY:		DATE		
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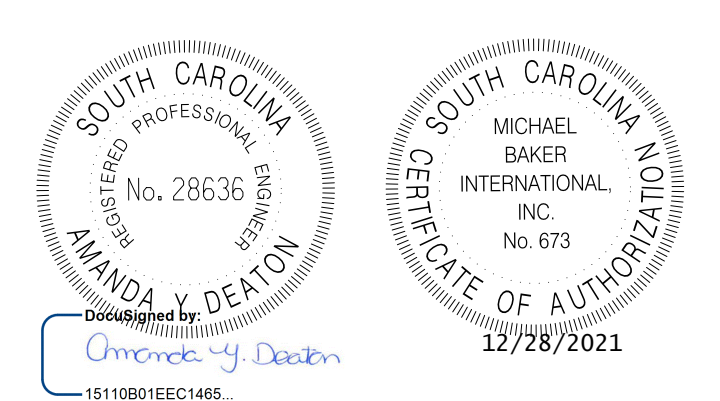
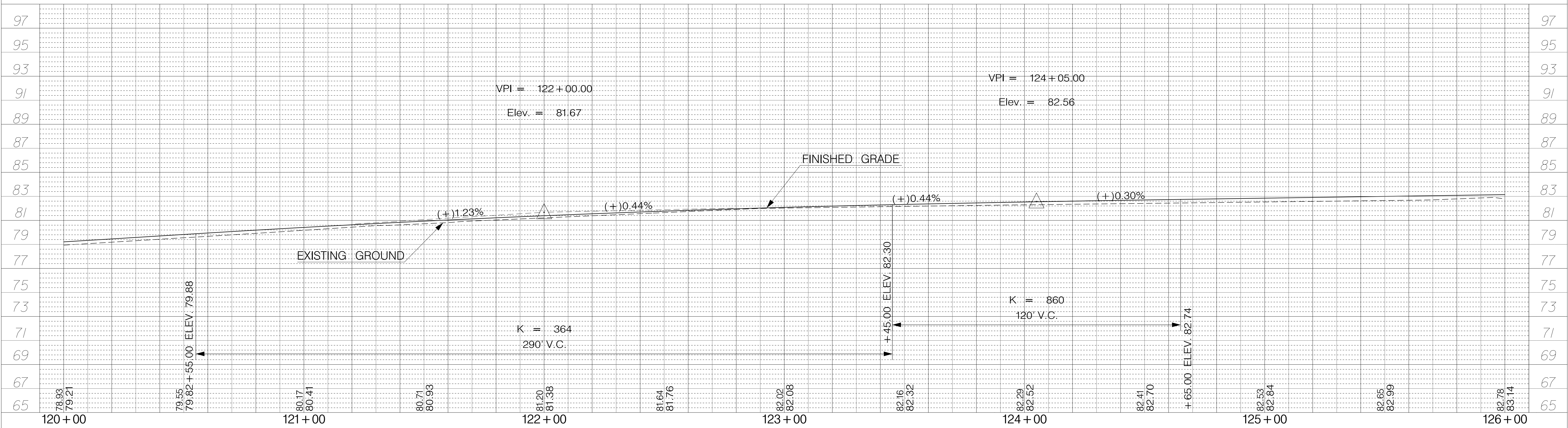
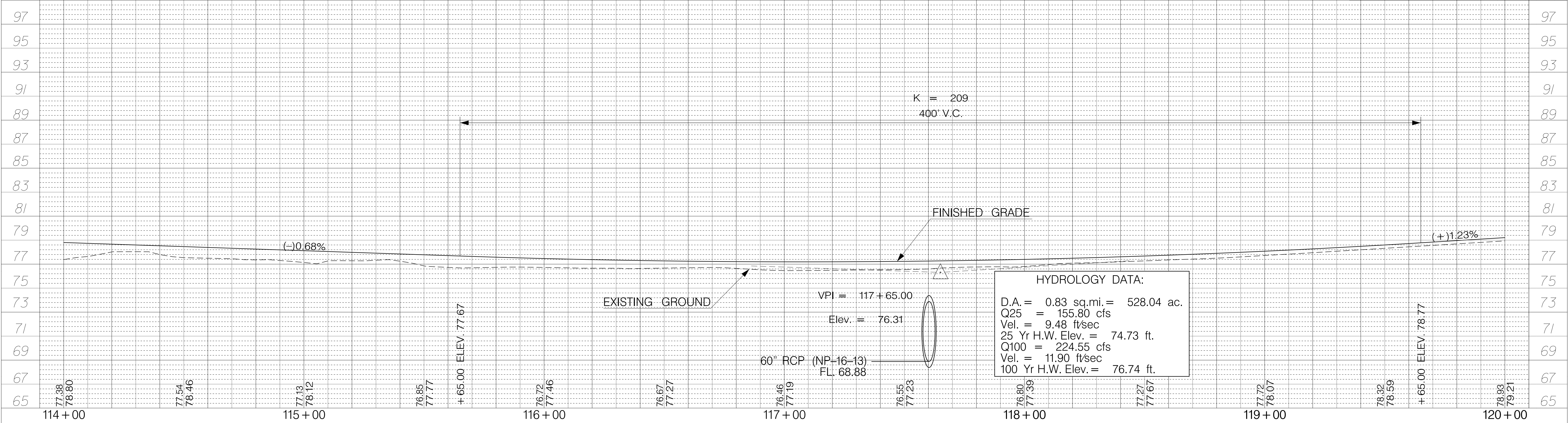
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 120+00.00 TO STA. 126+00.00

SHEET 17

SCALE: 1" = 20'

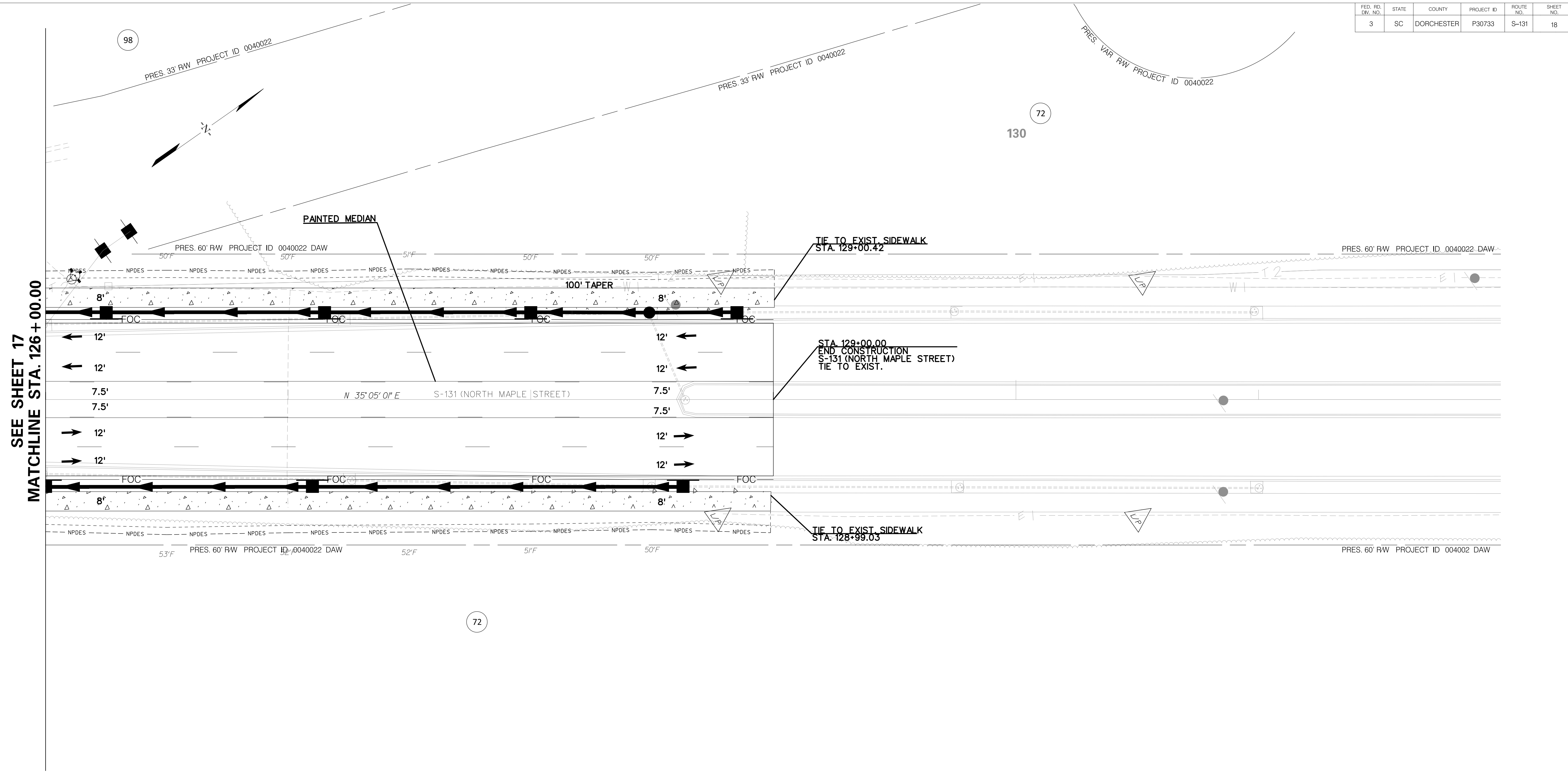
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	17A



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 STA. 114+00.00 TO STA. 126+00.00
 SHEET 17A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	18



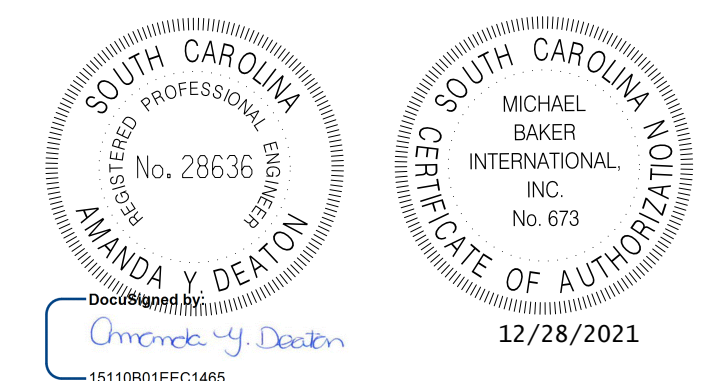
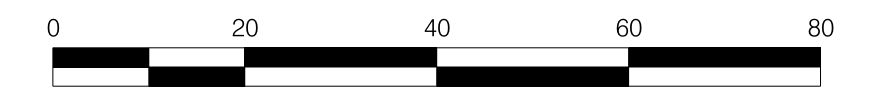
SEE SHEET 17
MATCHLINE STA. 126+00.00

TIE TO EXIST. SIDEWALK
STA. 129+00.42

STA. 129+00.00
END CONSTRUCTION
S-131 (NORTH MAPLE STREET)
TIE TO EXIST.

TIE TO EXIST. SIDEWALK
STA. 128+99.03

RELOCATE CENTERLINE S-131
FROM STA. 60+50.00 TO STA. 123+69.31
ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5E



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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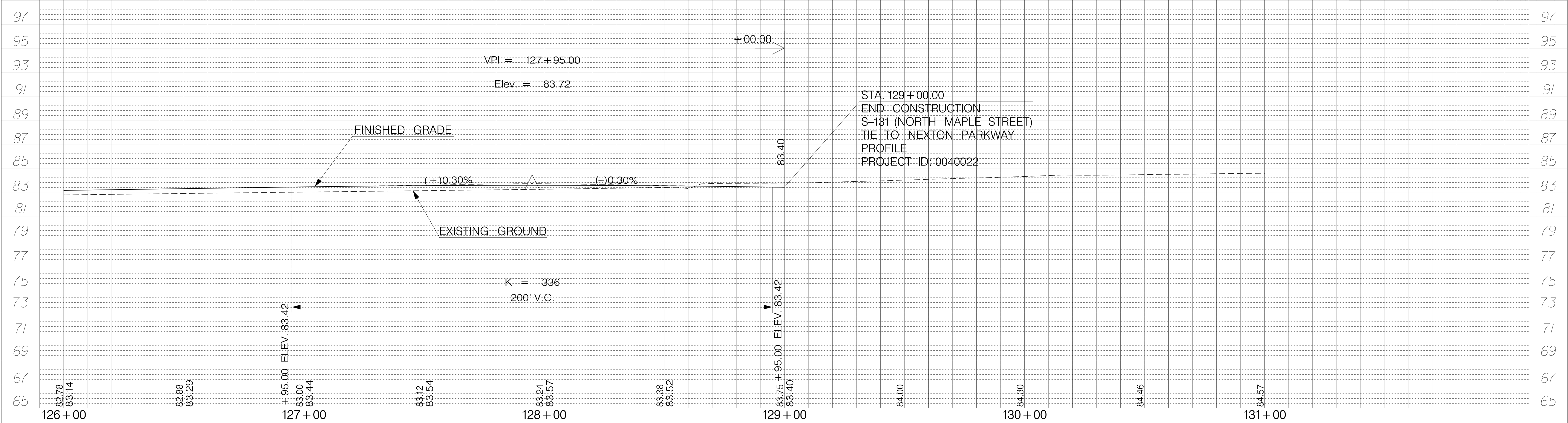
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

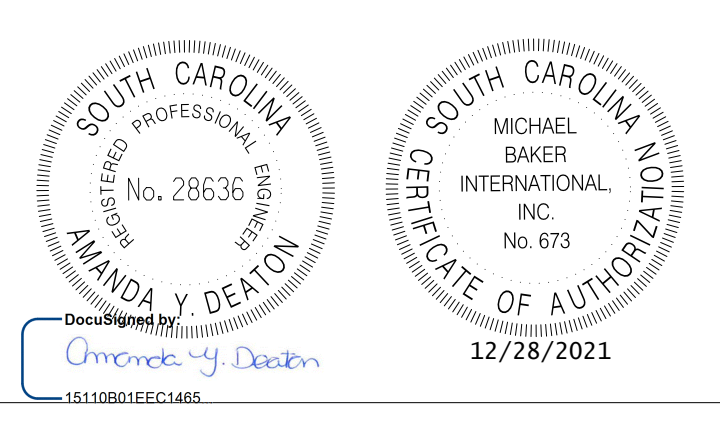
S-131 (NORTH MAPLE STREET)
PLAN SHEET
STA. 126+00.00 TO STA. 128+70.00

SHEET 18 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	18A



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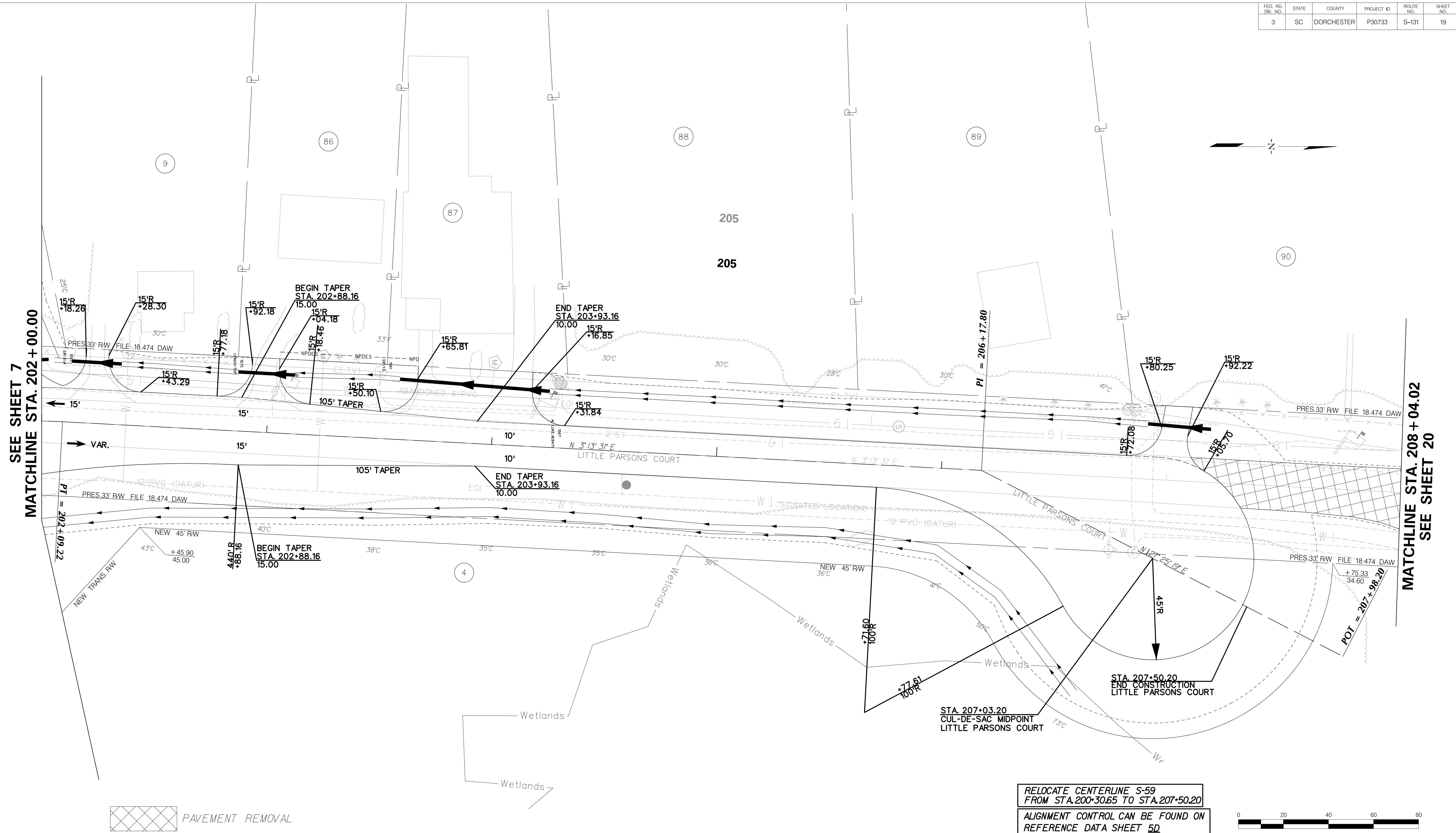
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PROFILE SHEET
STA. 126+00.00 TO STA. 128+70.00

SHEET 18A

SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	19

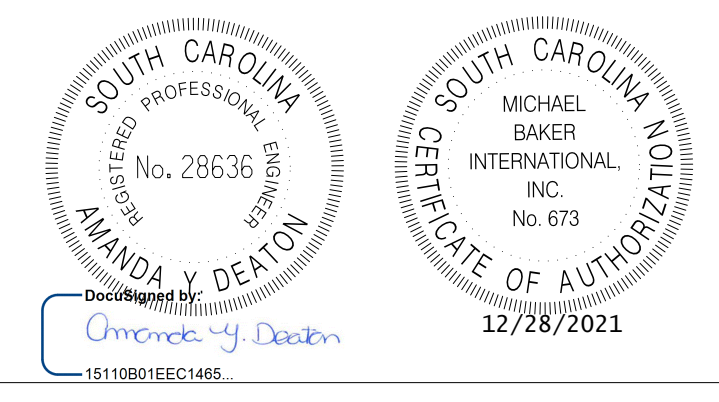


SEE SHEET 7
MATCHLINE STA. 202 + 00.00

MATCHLINE STA. 208 + 04.02
SEE SHEET 20

PAVEMENT REMOVAL

RELOCATE CENTERLINE S-59
FROM STA. 200+30.65 TO STA. 207+50.20
ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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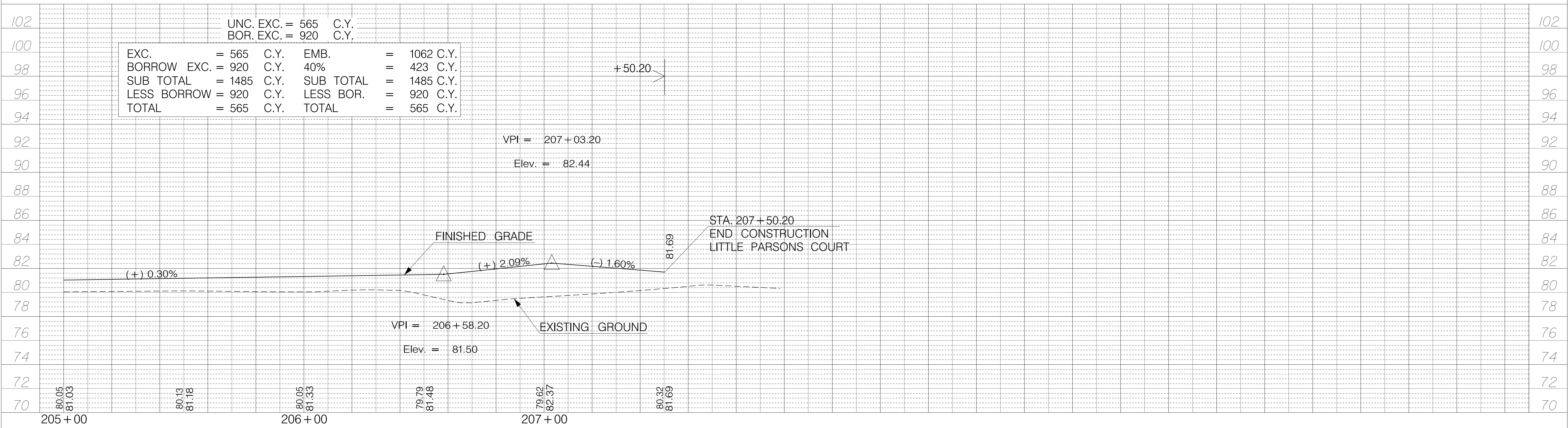
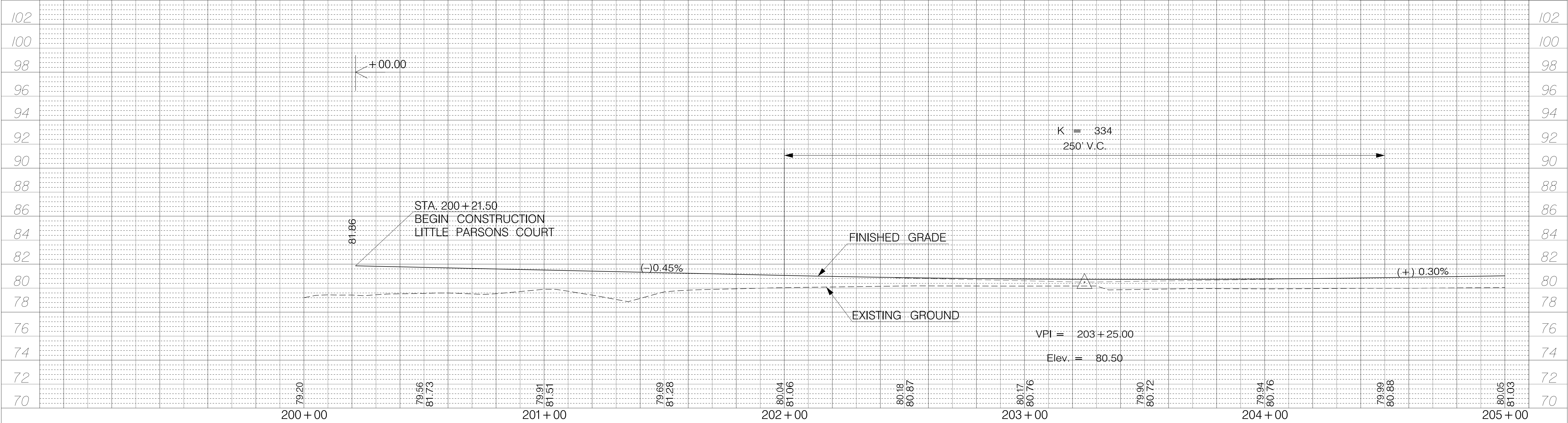
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

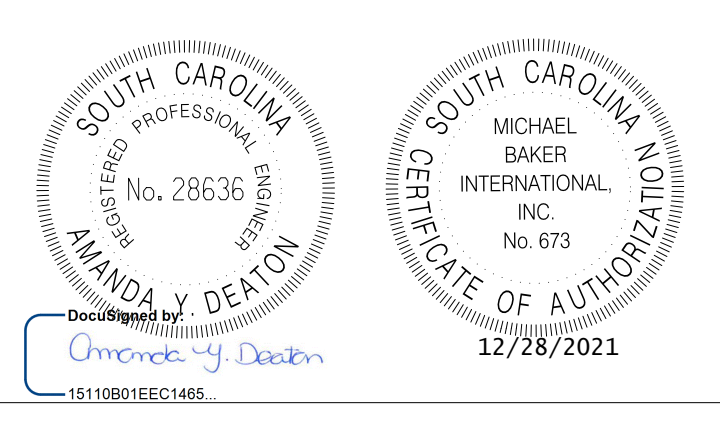
S-59 (PARSONS ROAD)
 PLAN SHEET
 STA. 202 + 00.00 TO STA. 207 + 50.20

SHEET 19 SCALE: 1" = 20'

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UNC. EXC.	= 565	C.Y.	EMB.	= 1062	C.Y.
BOR. EXC.	= 920	C.Y.	40%	= 423	C.Y.
EXC.	= 565	C.Y.	SUB TOTAL	= 1485	C.Y.
BORROW	= 920	C.Y.	LESS BOR.	= 920	C.Y.
TOTAL	= 565	C.Y.	TOTAL	= 565	C.Y.



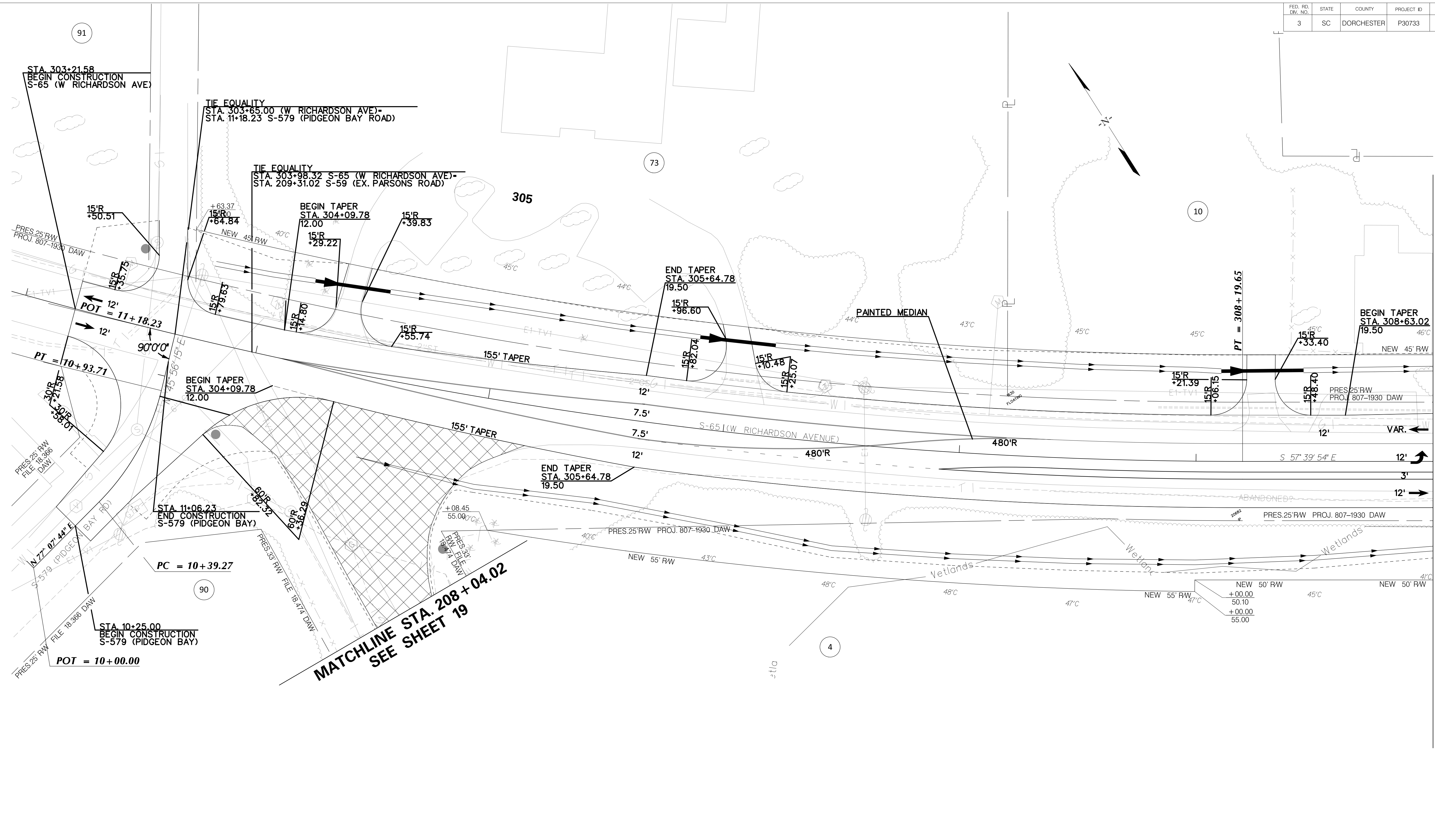
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
LITTLE PARSONS COURT
STA. 200+00.00 TO STA. 207+50.20

SHEET 19A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	20



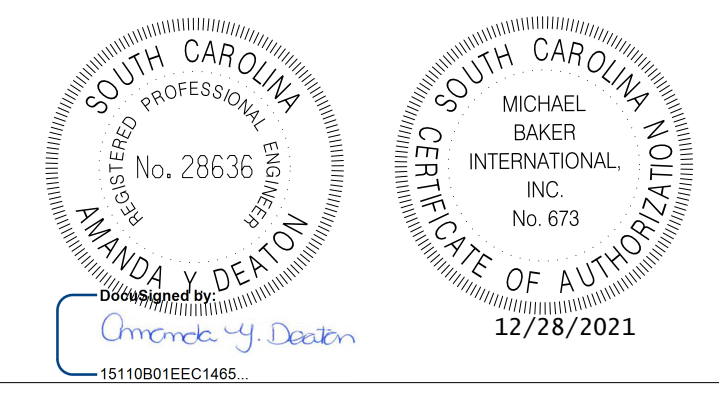
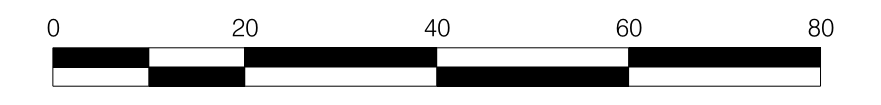
MATCHLINE STA. 309 + 00.00
SEE SHEET 9

MATCHLINE STA. 208 + 04.02
SEE SHEET 19

PAVEMENT REMOVAL

SEE SHEET 27 FOR S-579 (PIDGEON BAY ROAD) PROFILE

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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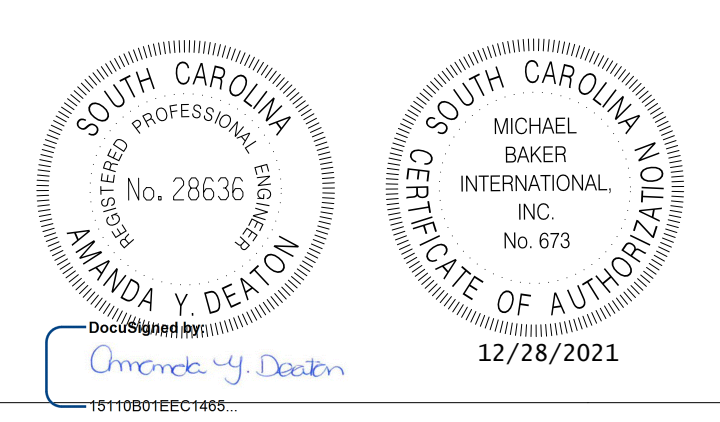
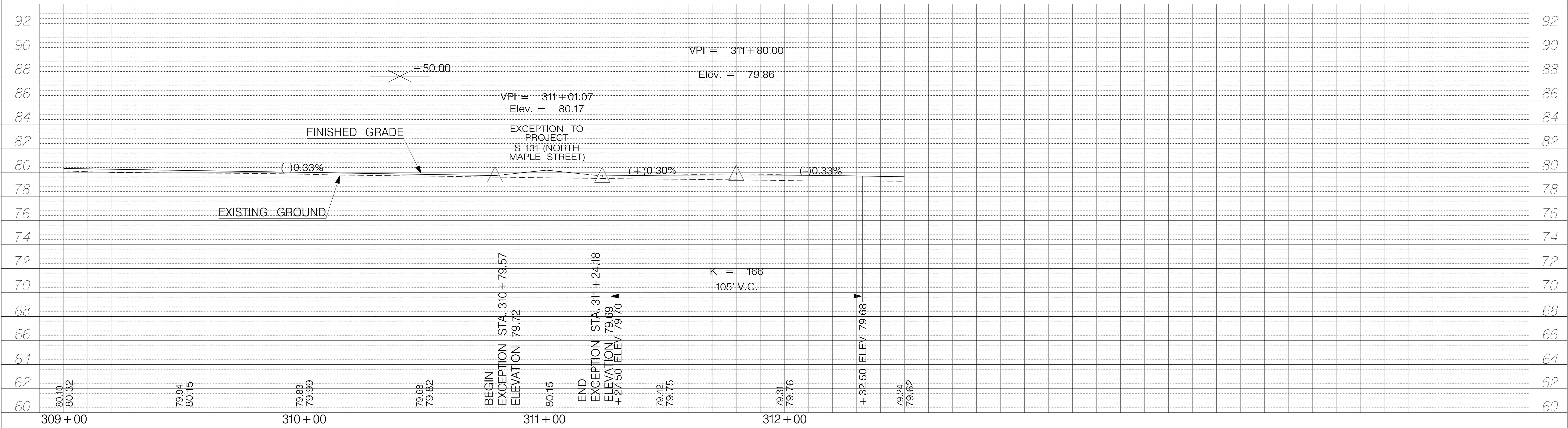
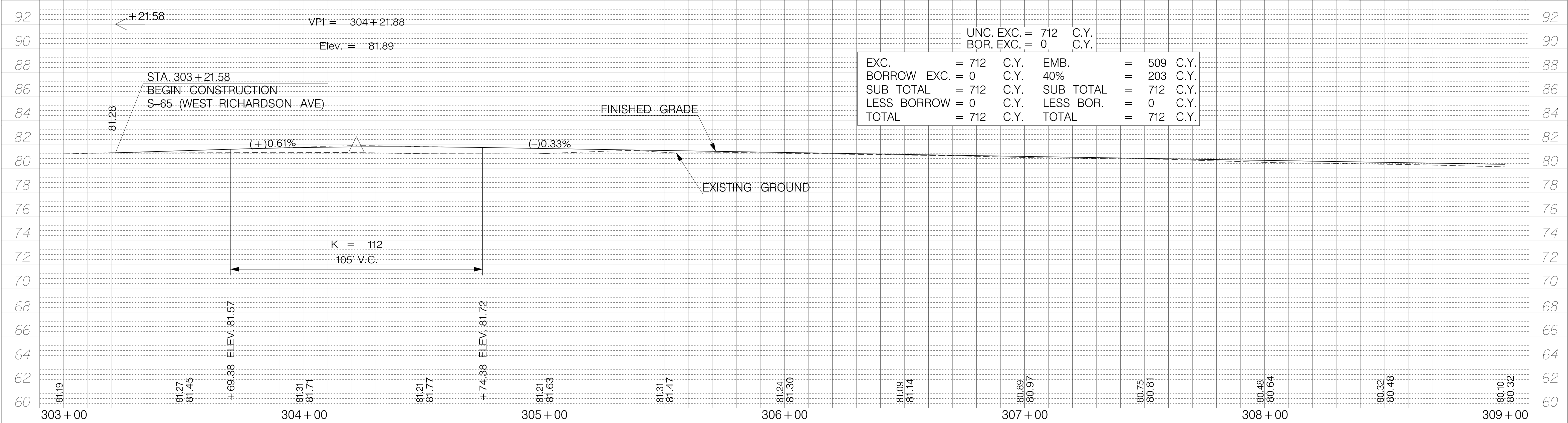
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
PLAN SHEET
STA. 303+21.58 TO STA. 309+00.00

SHEET 20 SCALE: 1" = 20'

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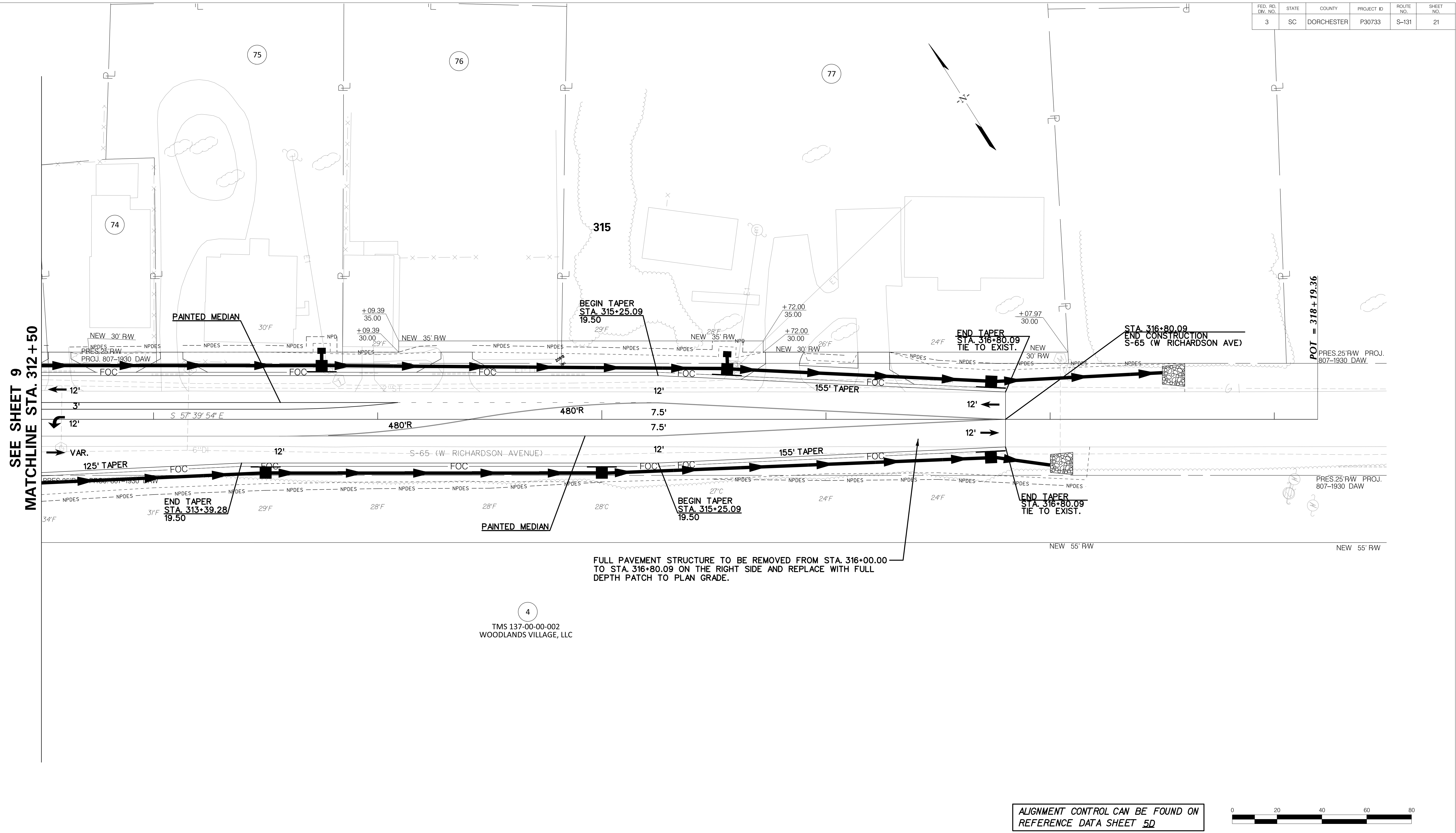
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TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
 PROFILE SHEET
 STA. 303+21.58 TO STA. 312+50.00

SHEET 20A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	21

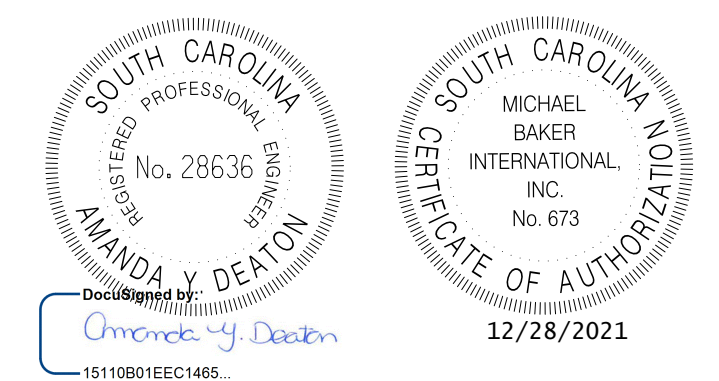
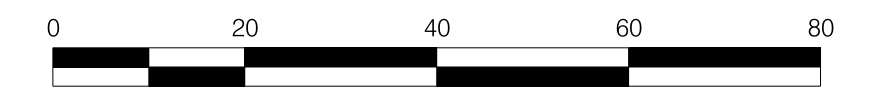


SEE SHEET 9
MATCHLINE STA. 312+50

POT = 318+19.36

4
TMS 137-00-00-002
WOODLANDS VILLAGE, LLC

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D

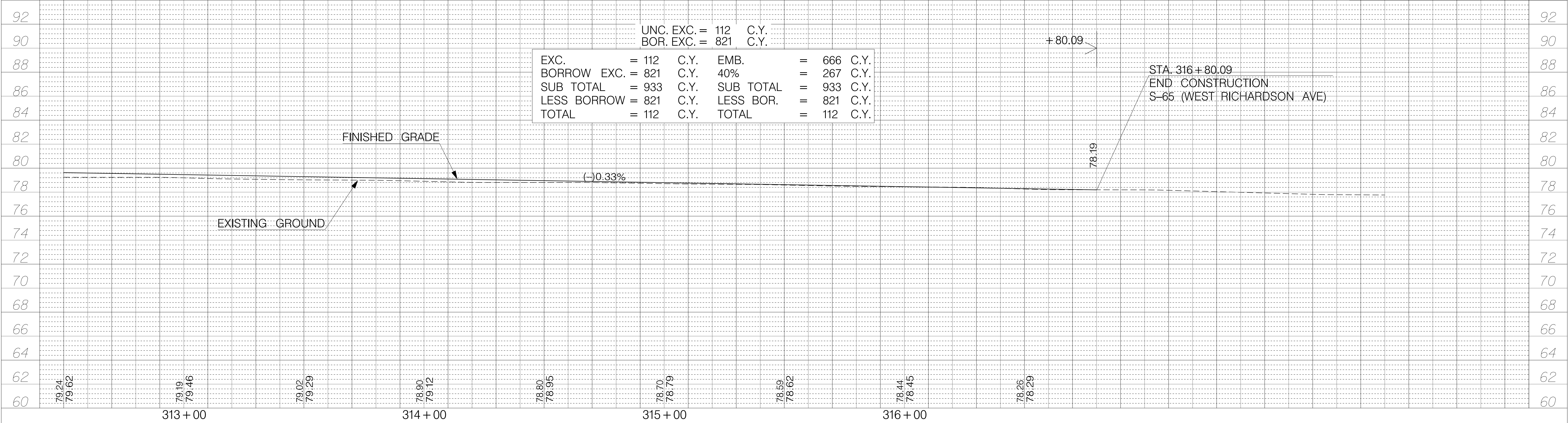


REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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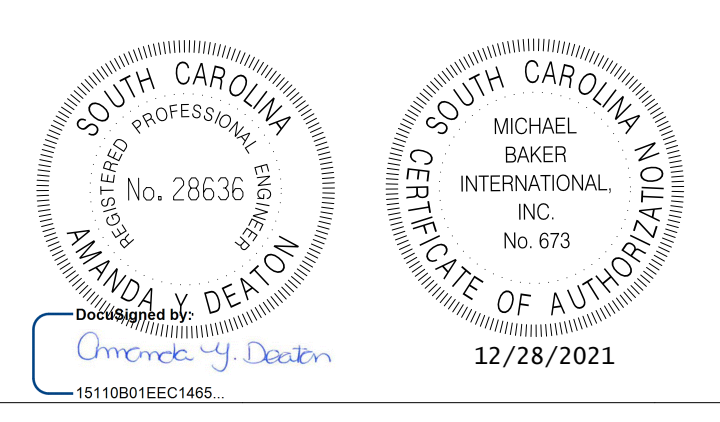
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE
 S-65 (W RICHARDSON AVENUE)
 PLAN SHEET
 STA. 312+50.00 TO STA. 316+49.74
 SHEET 21 SCALE: 1" = 20'

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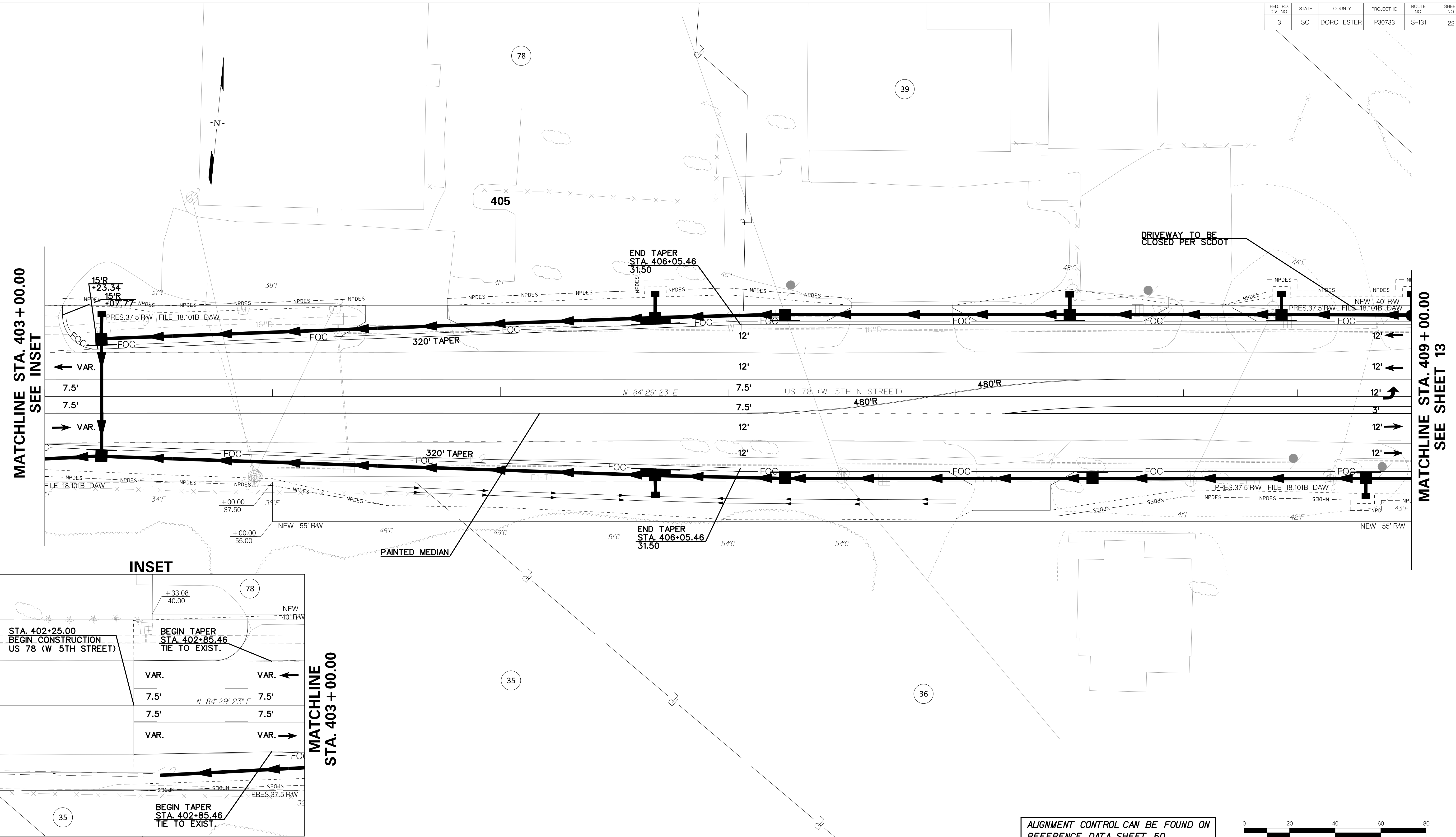
TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
PROFILE SHEET
STA. 312+50.00 TO STA. 316+80.09

SHEET 21A

SCALE: 1" = 20'

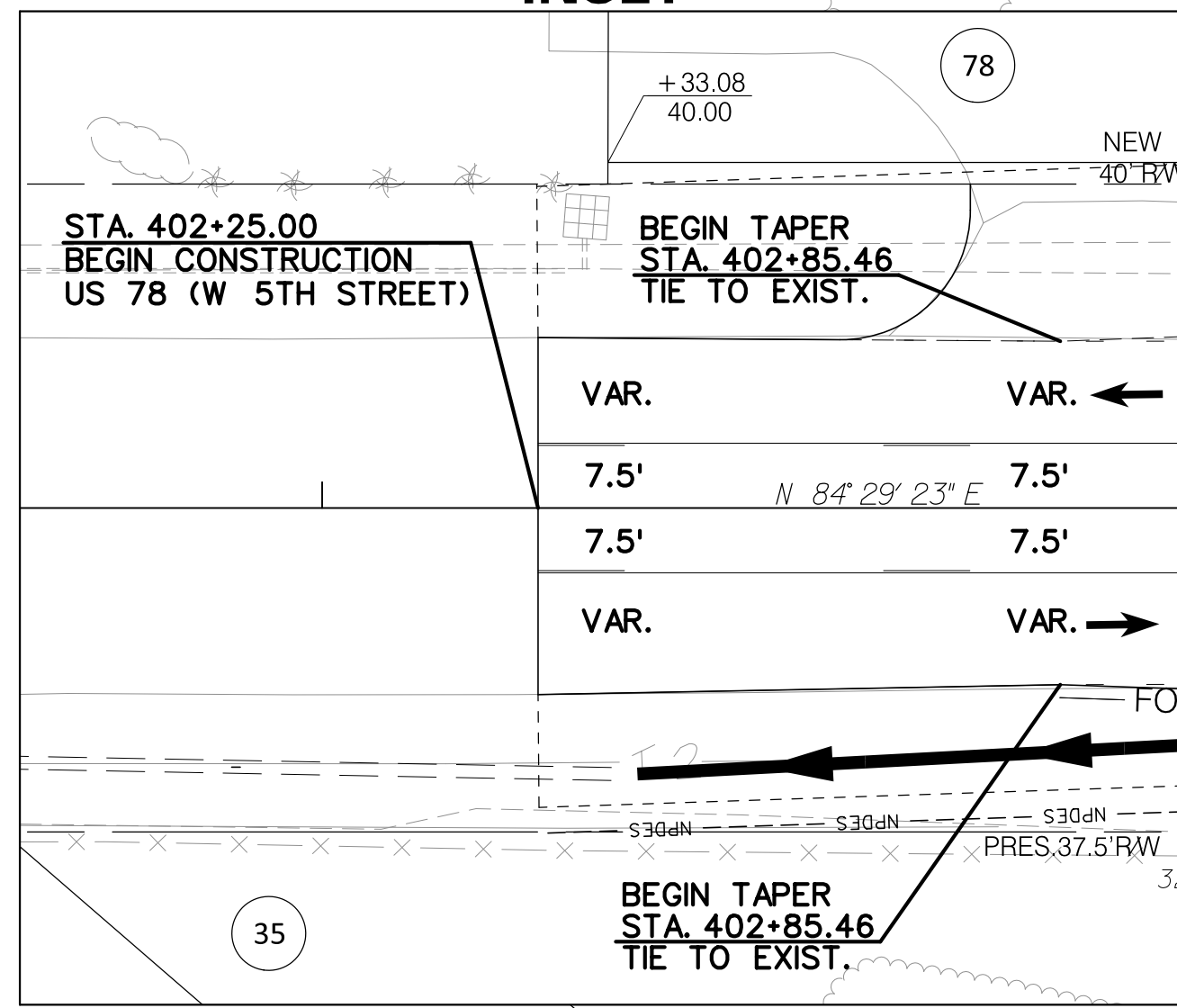
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	22



MATCHLINE STA. 403 + 00.00
SEE INSET

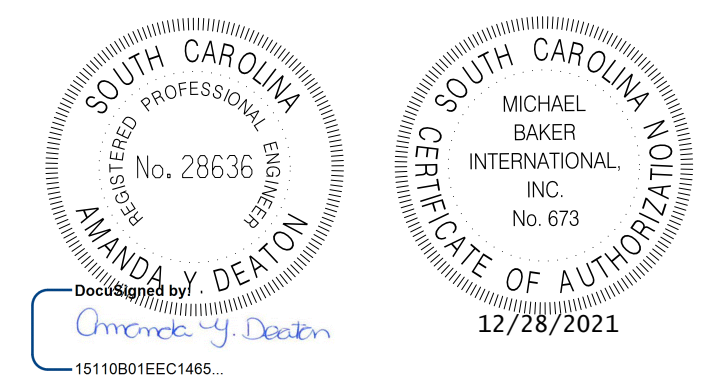
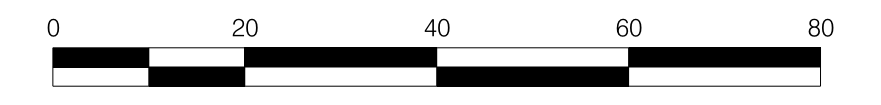
MATCHLINE STA. 409 + 00.00
SEE SHEET 13

INSET



MATCHLINE
STA. 403 + 00.00

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET 5D

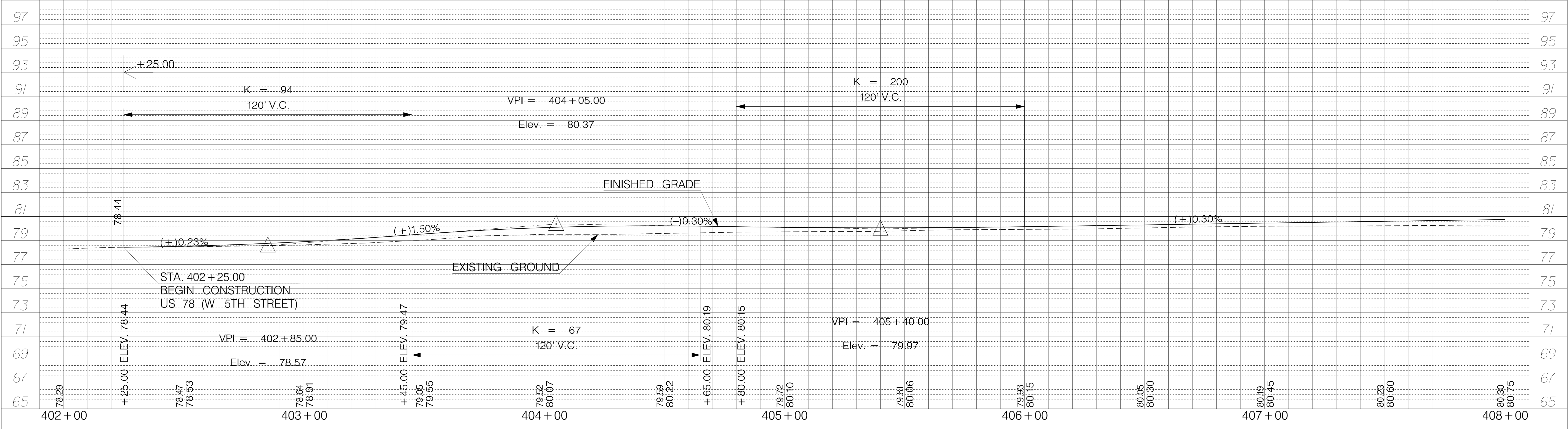


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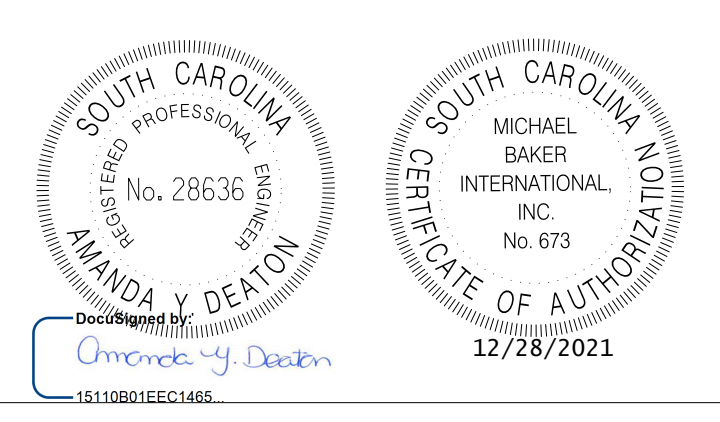
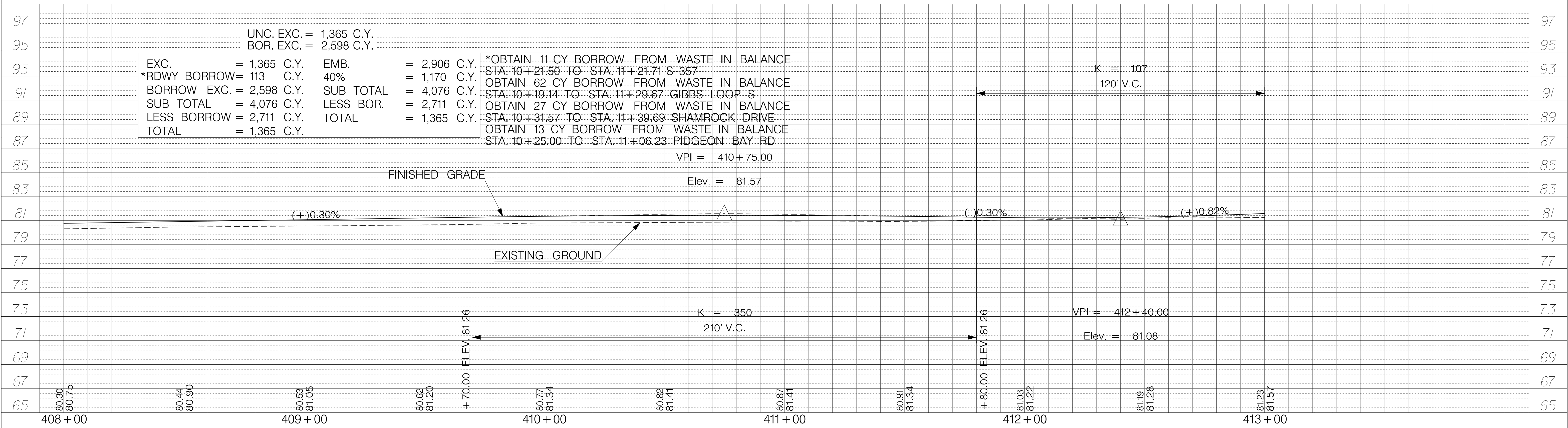
TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PLAN SHEET
STA. 403+27.90 TO STA. 409+00.00

SHEET 22 SCALE: 1" = 20'



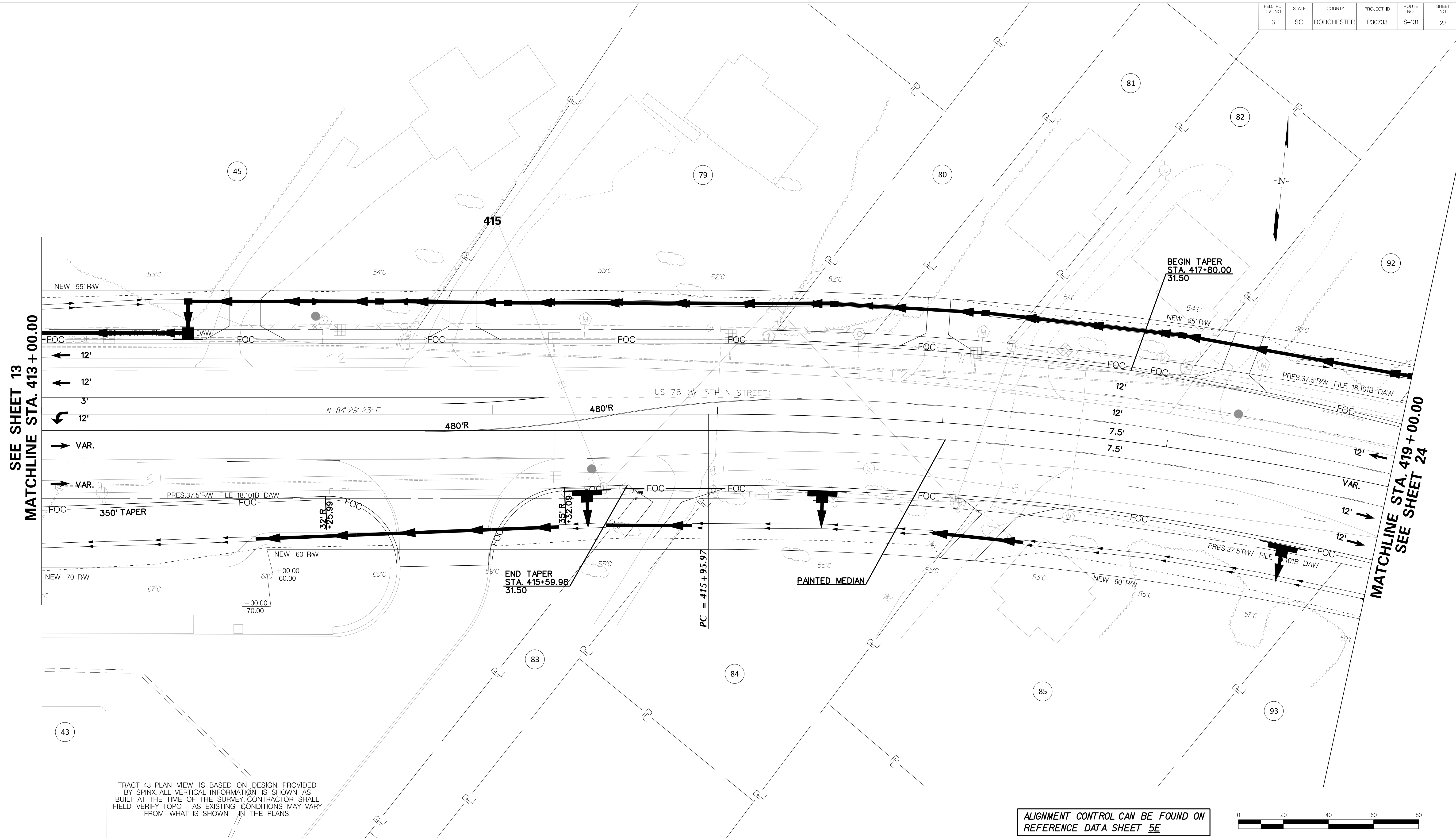
UNC. EXC. = 1,365 C.Y.		EMB. = 2,906 C.Y.	
BOR. EXC. = 2,598 C.Y.		40% = 1,170 C.Y.	
EXC. = 1,365 C.Y.	EMB. = 2,906 C.Y.	*OBTAIN 11 CY BORROW FROM WASTE IN BALANCE	
*RDWY BORROW = 113 C.Y.	40% = 1,170 C.Y.	STA. 10+21.50 TO STA. 11+21.71 S-357	
BORROW EXC. = 2,598 C.Y.	SUB TOTAL = 4,076 C.Y.	OBTAIN 62 CY BORROW FROM WASTE IN BALANCE	
SUB TOTAL = 4,076 C.Y.	LESS BOR. = 2,711 C.Y.	STA. 10+19.14 TO STA. 11+29.67 GIBBS LOOP S	
LESS BORROW = 2,711 C.Y.	TOTAL = 1,365 C.Y.	OBTAIN 27 CY BORROW FROM WASTE IN BALANCE	
TOTAL = 1,365 C.Y.		STA. 10+31.57 TO STA. 11+39.69 SHAMROCK DRIVE	
		OBTAIN 13 CY BORROW FROM WASTE IN BALANCE	
		STA. 10+25.00 TO STA. 11+06.23 PIDGEON BAY RD	



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
 US 78 (W 5TH N STREET)
 PROFILE SHEET
 STA. 403+27.90 TO STA. 413+00.00
 SHEET 22A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	23

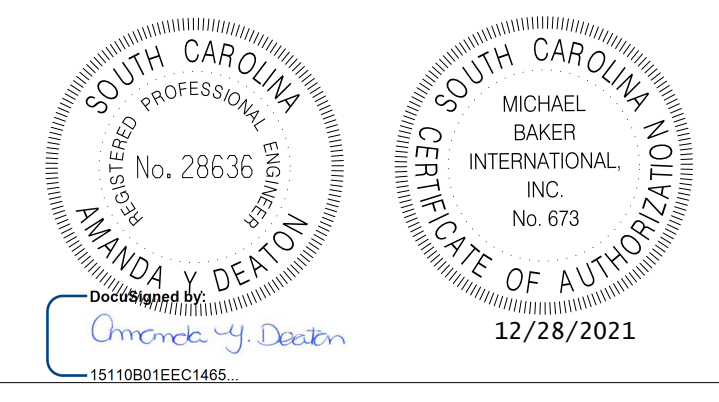
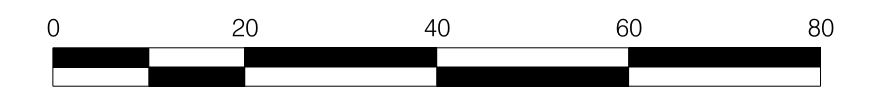


SEE SHEET 13
MATCHLINE STA. 413 + 00.00

MATCHLINE STA. 419 + 00.00
SEE SHEET 24

TRACT 43 PLAN VIEW IS BASED ON DESIGN PROVIDED BY SPINX. ALL VERTICAL INFORMATION IS SHOWN AS BUILT AT THE TIME OF THE SURVEY. CONTRACTOR SHALL FIELD VERIFY TOPO AS EXISTING CONDITIONS MAY VARY FROM WHAT IS SHOWN IN THE PLANS.

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET 5E



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TOWN OF SUMMERVILLE

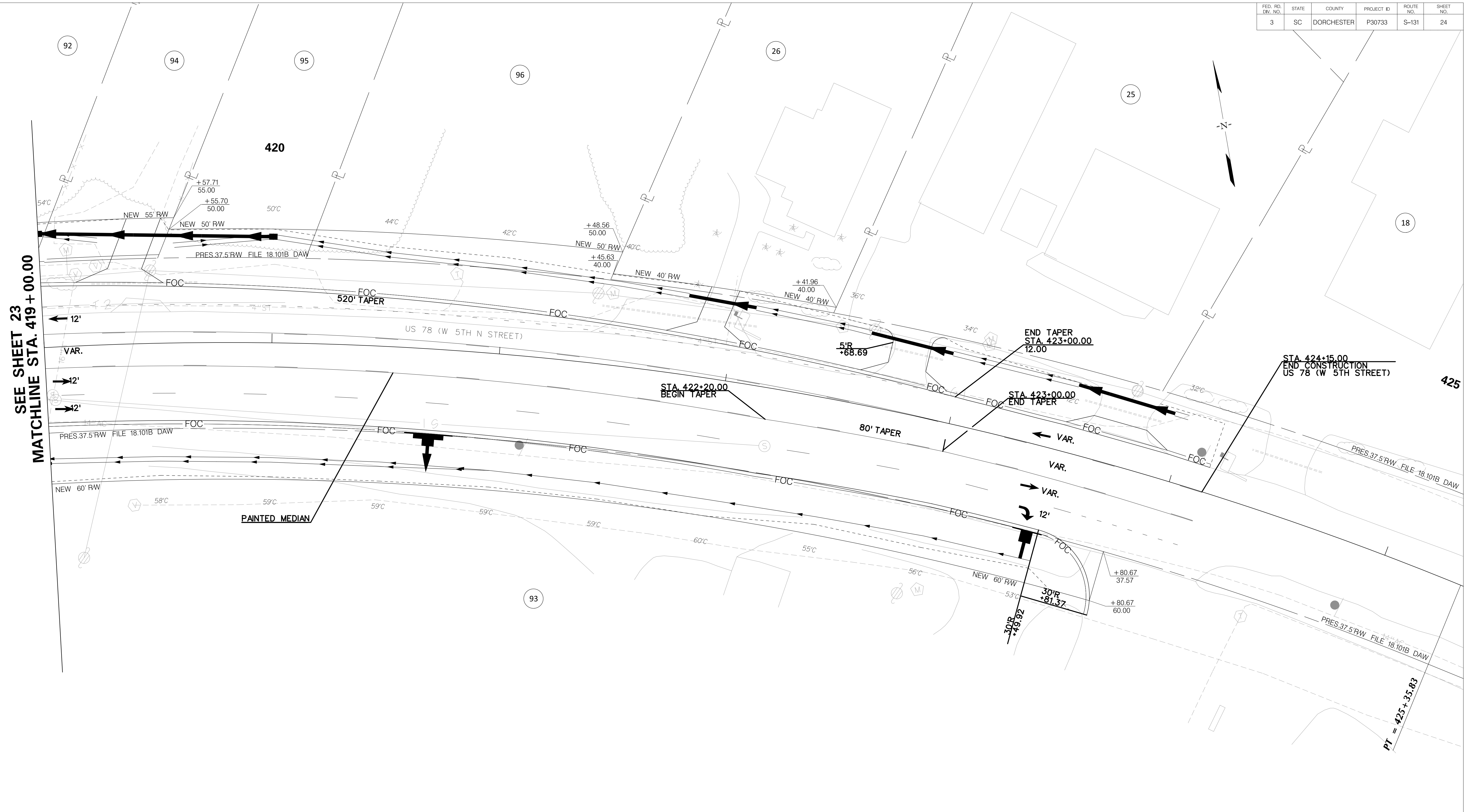
US 78 (W 5TH N STREET)
PLAN SHEET
STA. 413 + 00.00 TO STA. 419 + 00.00

SHEET 23

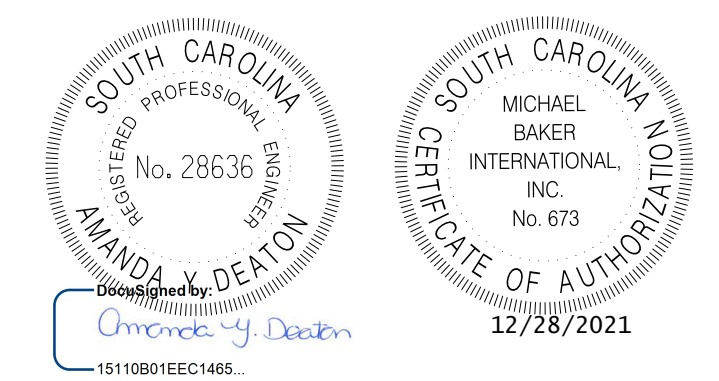
SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	24



SEE SHEET 23
MATCHLINE STA. 419 + 00.00



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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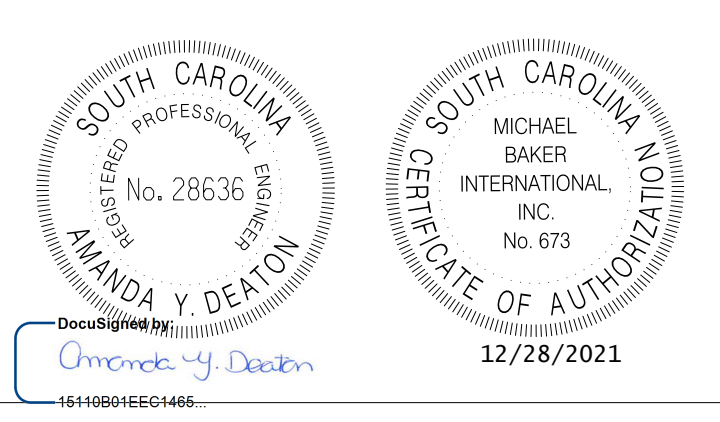
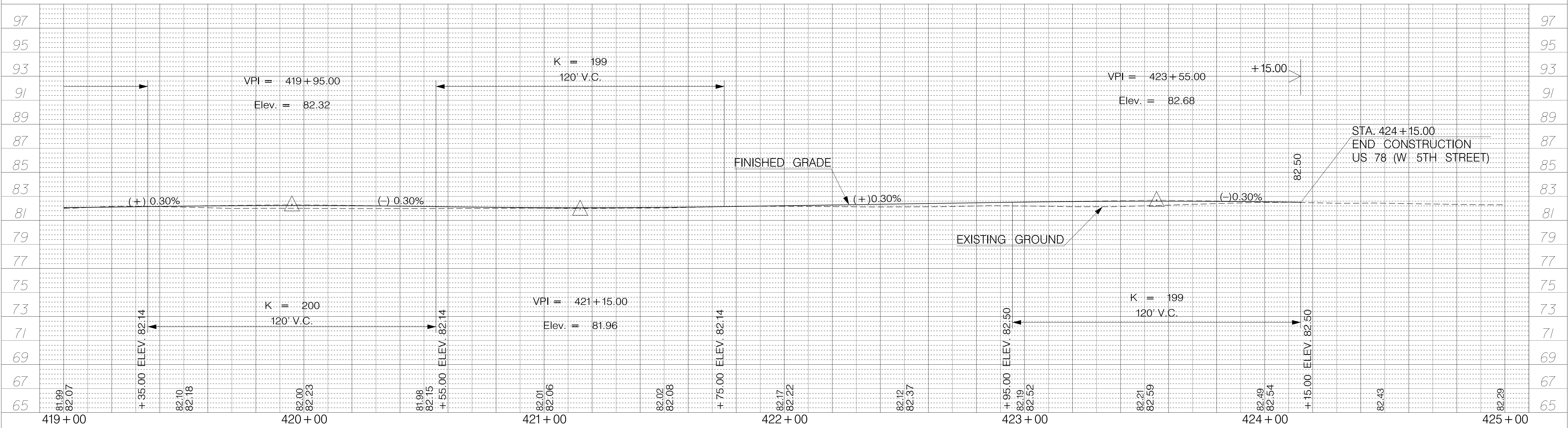
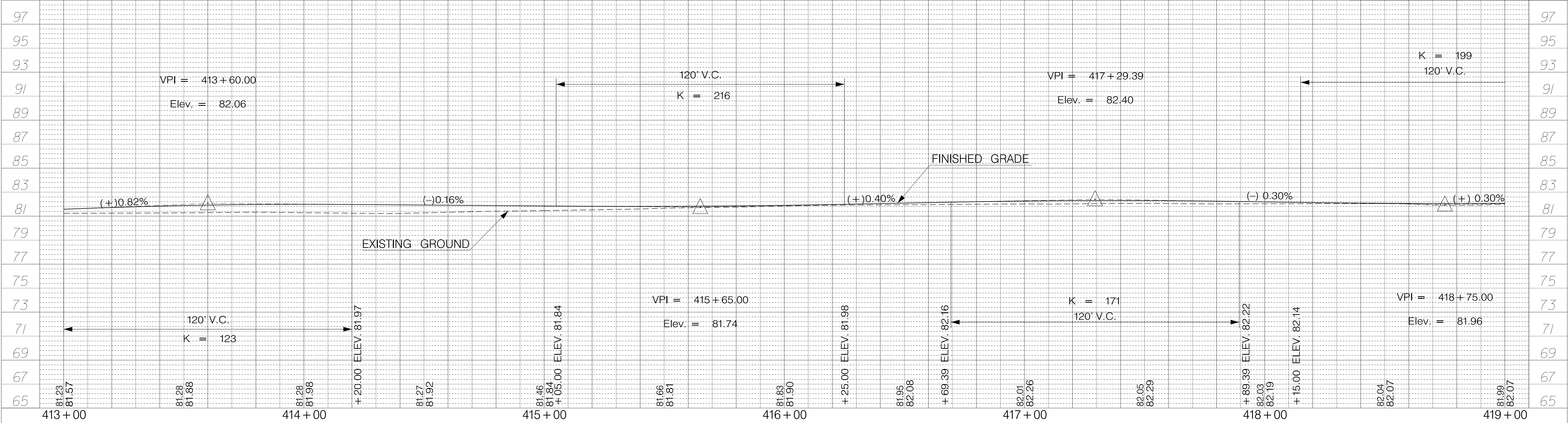
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TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PLAN SHEET
STA. 419+00.00 TO STA 424+15.00

SHEET 24 SCALE: 1" = 20'

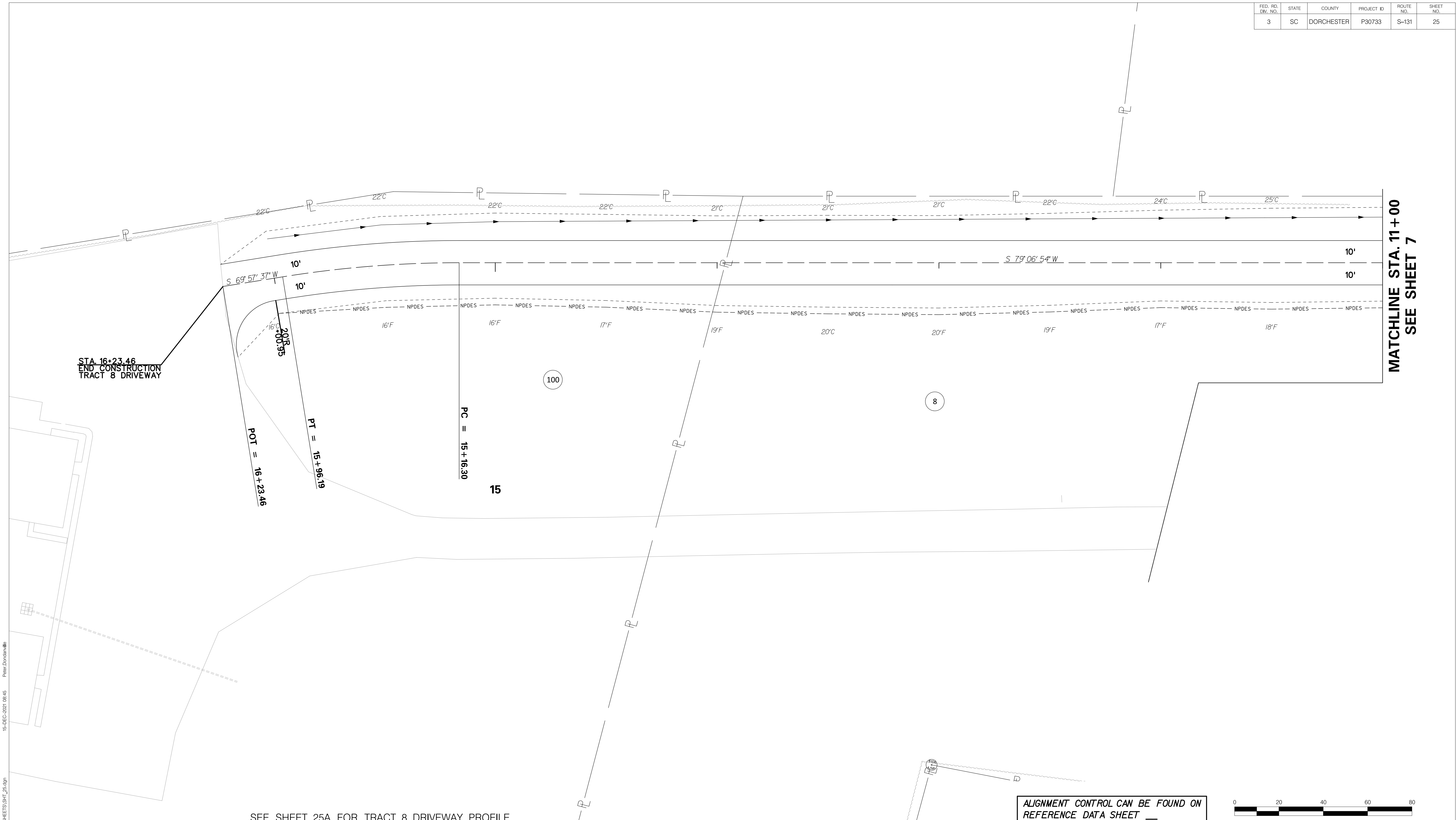
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TOWN OF SUMMERVILLE
 US 78 (W 5TH N STREET)
 PROFILE SHEET
 STA. 413+00.00 TO STA. 424+15.00
 SHEET 24A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	25



MATCHLINE STA. 11 + 00
SEE SHEET 7

STA. 16+23.46
END CONSTRUCTION
TRACT 8 DRIVEWAY

S 69° 57' 37\"/>

POT = 16+23.46

PT = 15+96.19

PC = 15+16.30

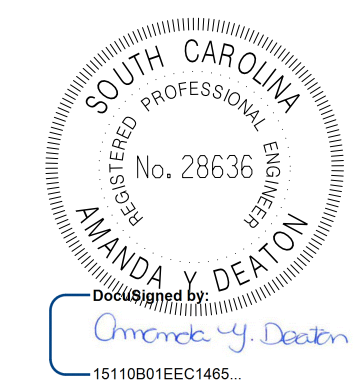
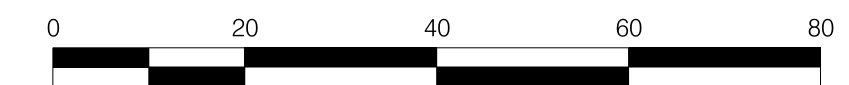
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SEE SHEET 25A FOR TRACT 8 DRIVEWAY PROFILE

ALIGNMENT CONTROL CAN BE FOUND ON
REFERENCE DATA SHEET



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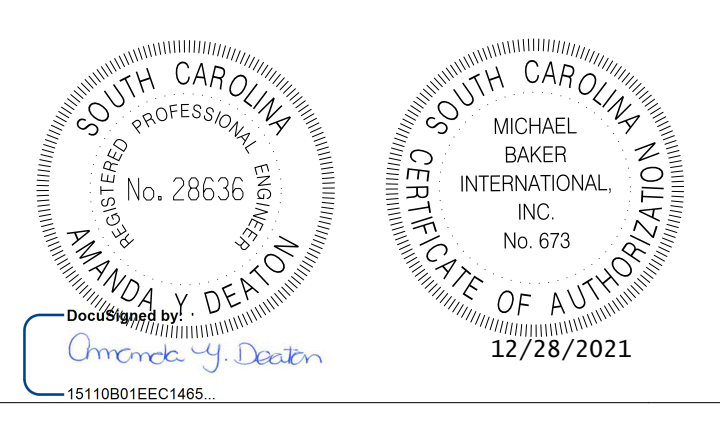
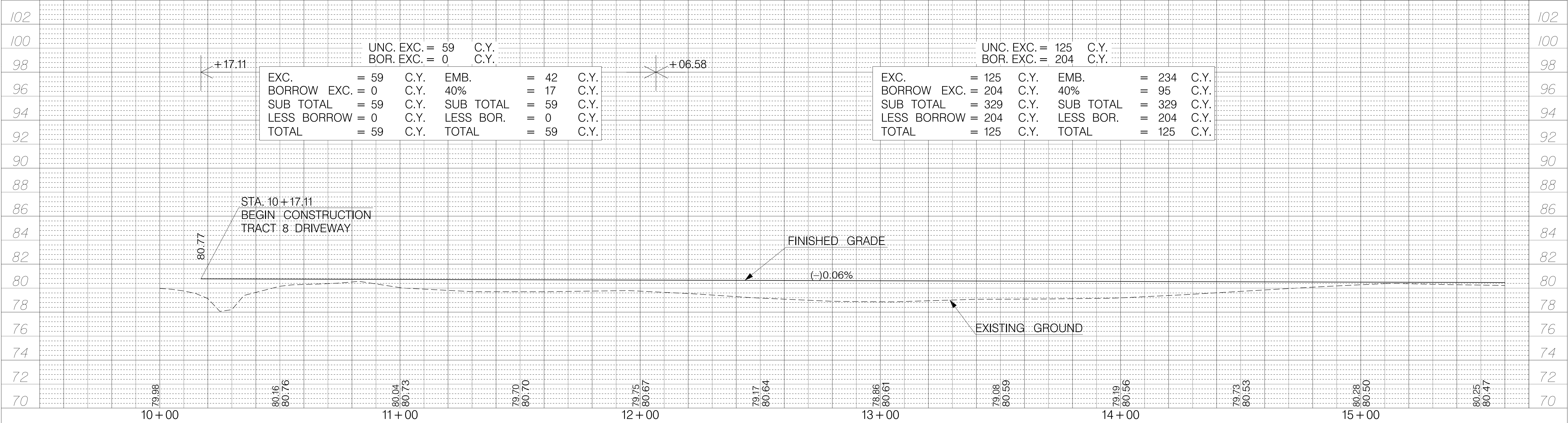
TOWN OF SUMMERVILLE

NORTH MAPLE STREET
TRACT 8 DRIVEWAY PLAN SHEET
STA. 11+00.00 TO STA. 16+23.46

SHEET 25 SCALE: 1" = 20'

15-DEC-2021 08:45 R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH1_25.dgn Peter.Dondanville

TRACT 8 DRIVEWAY

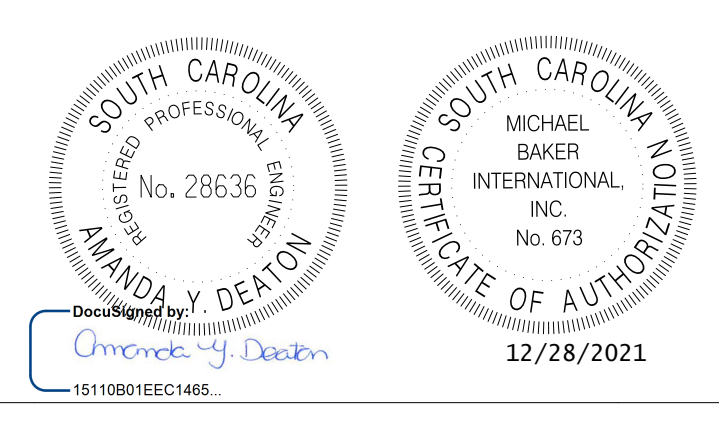
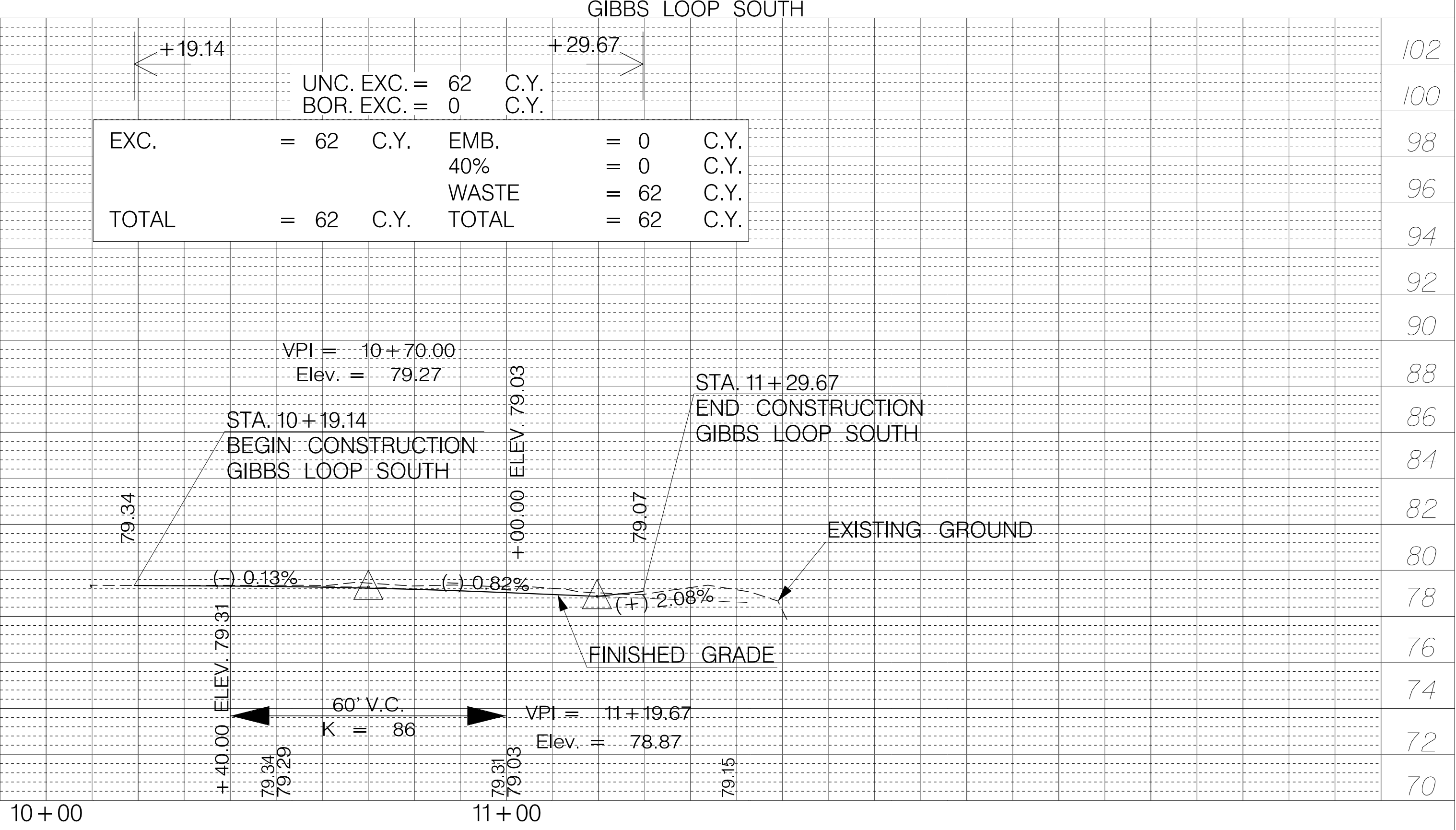
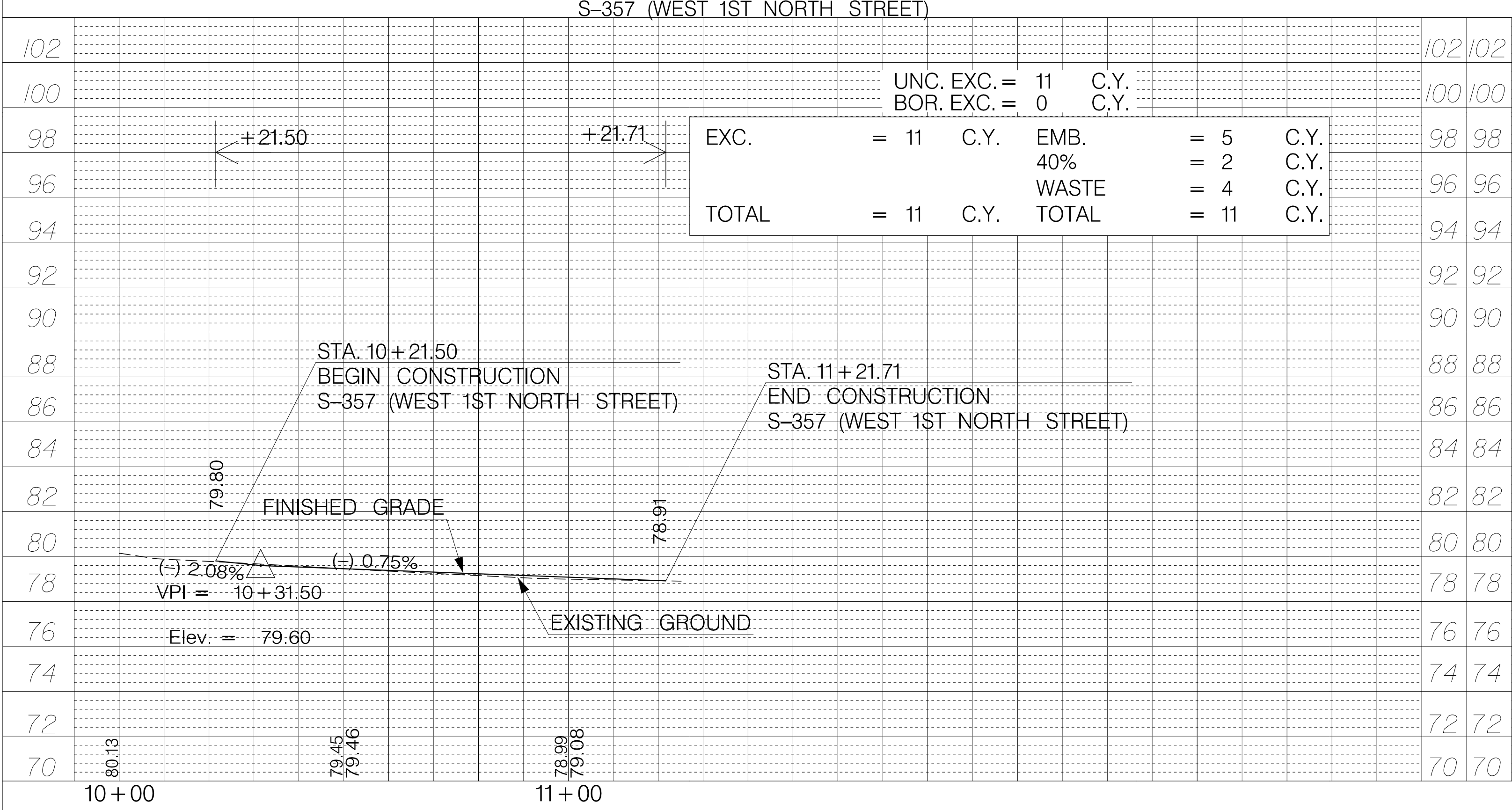
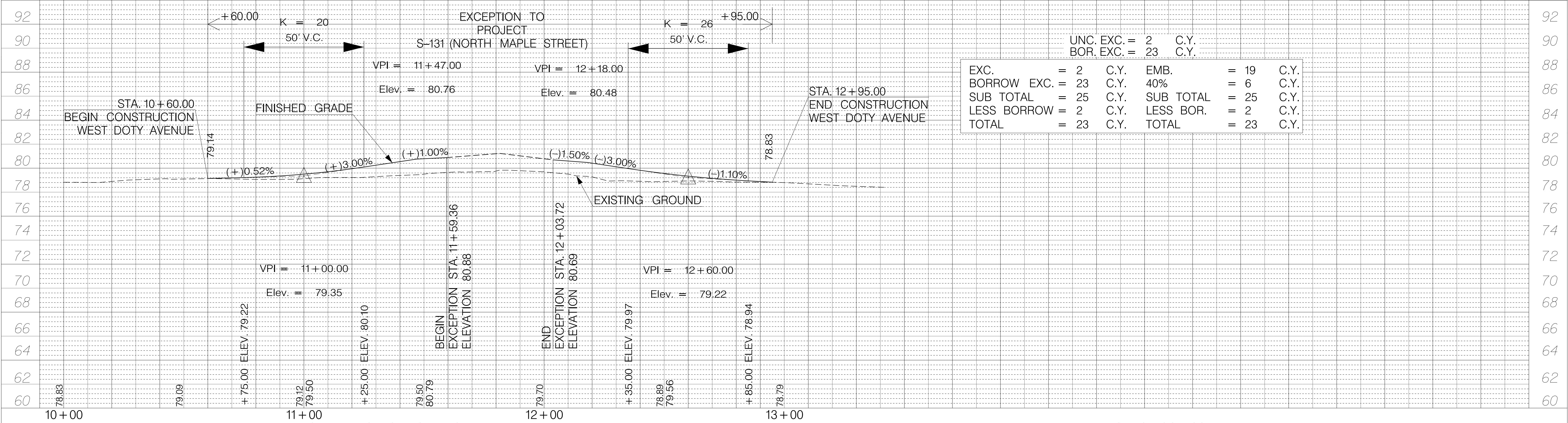


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

**TRACT 8 DRIVEWAY
PROFILE SHEET**
STA. 10+17.11 TO STA. 16+23.46

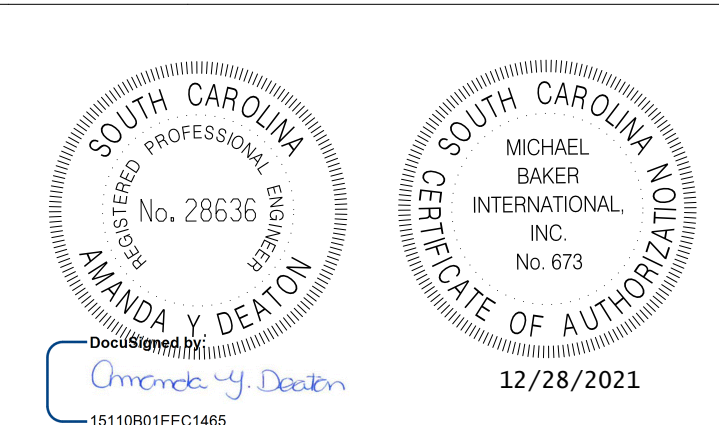
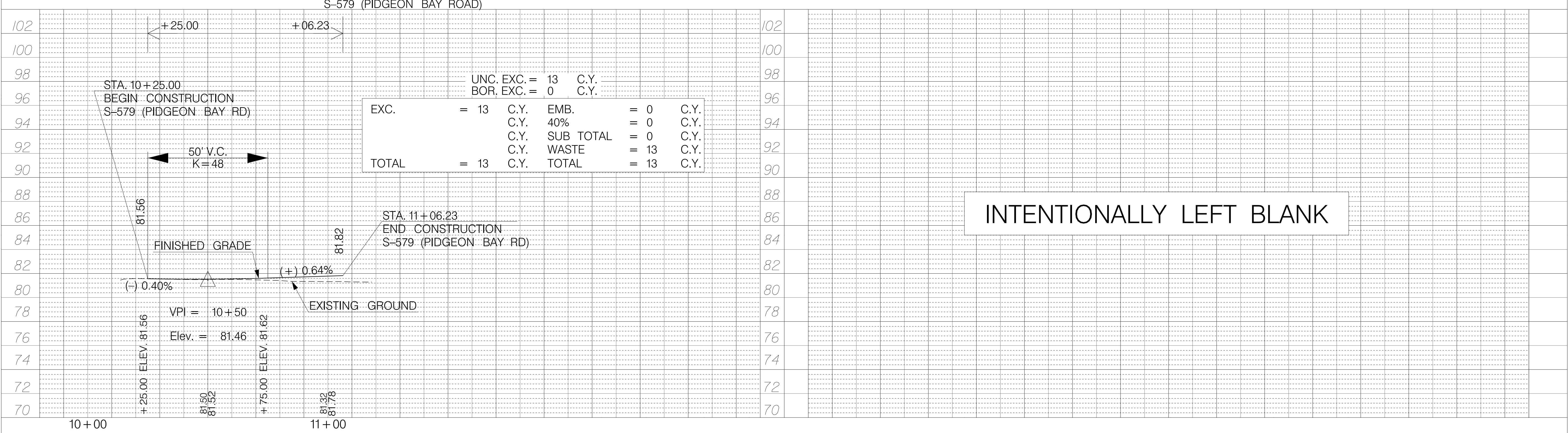
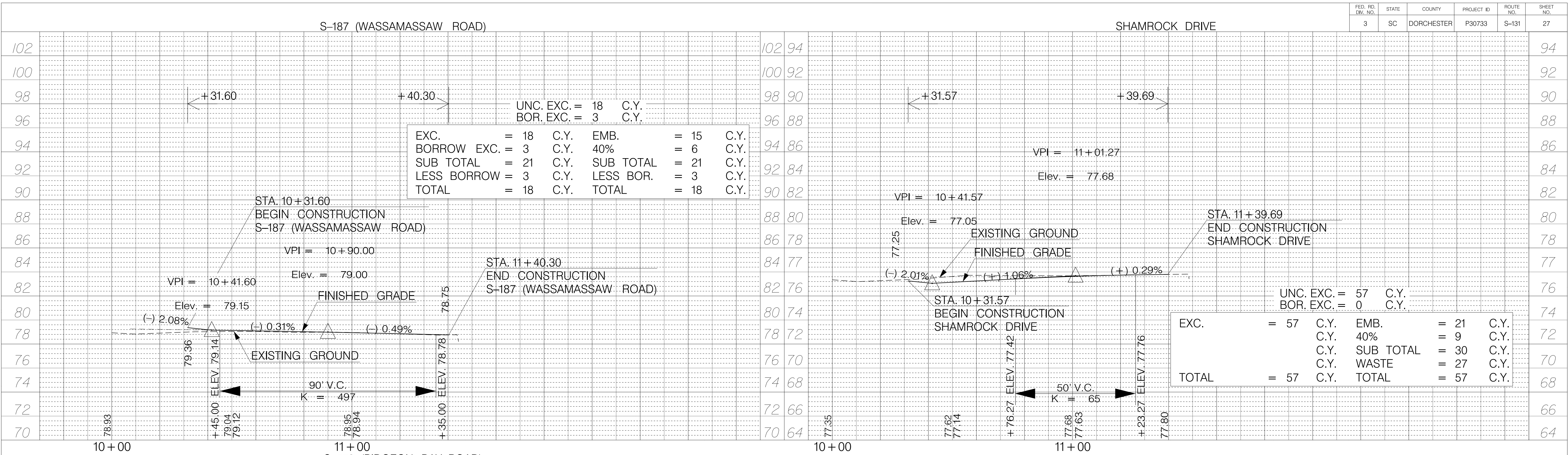
SHEET 25A SCALE: 1" = 20'



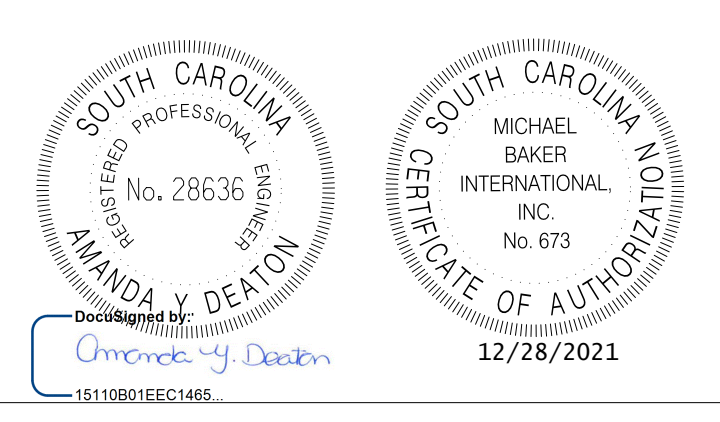
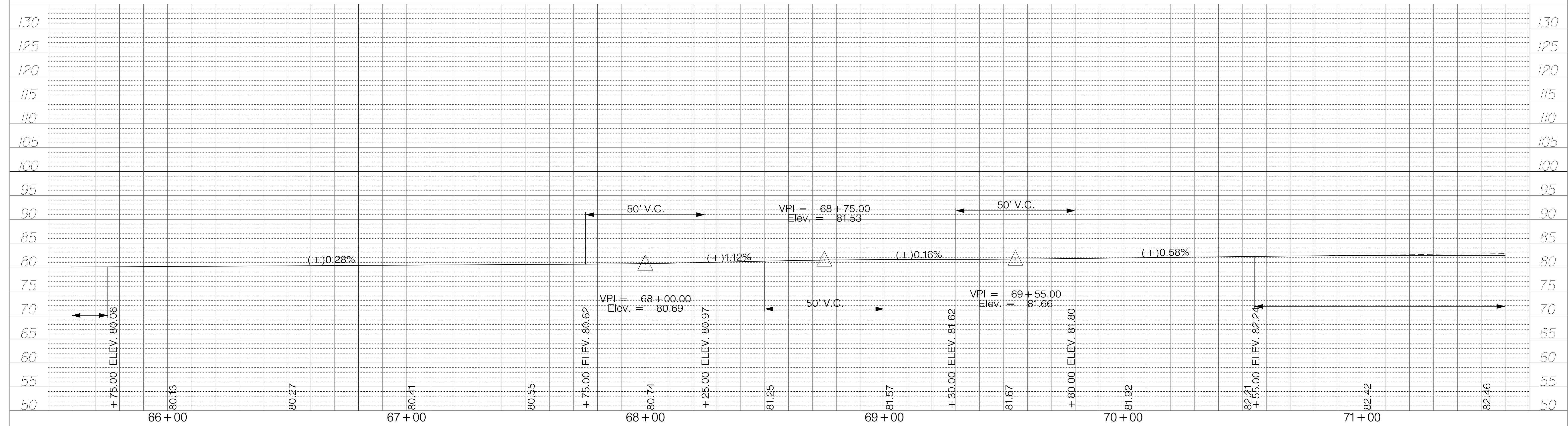
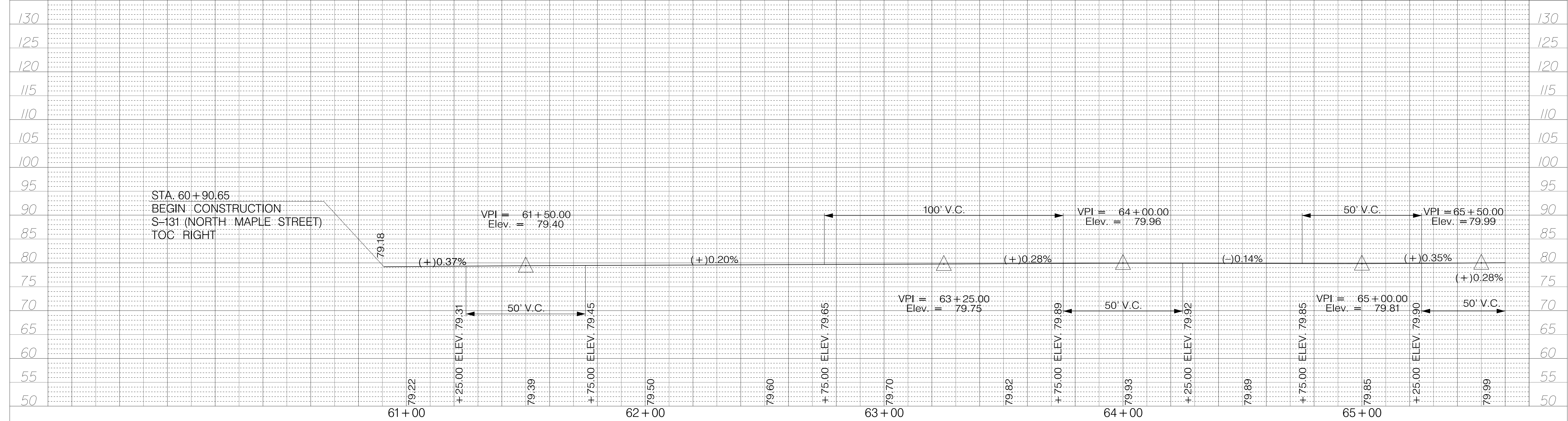
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

SIDE ROADS
PROFILE SHEET



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

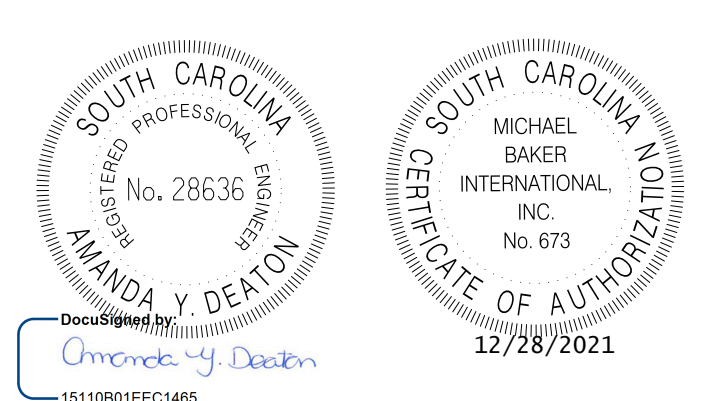
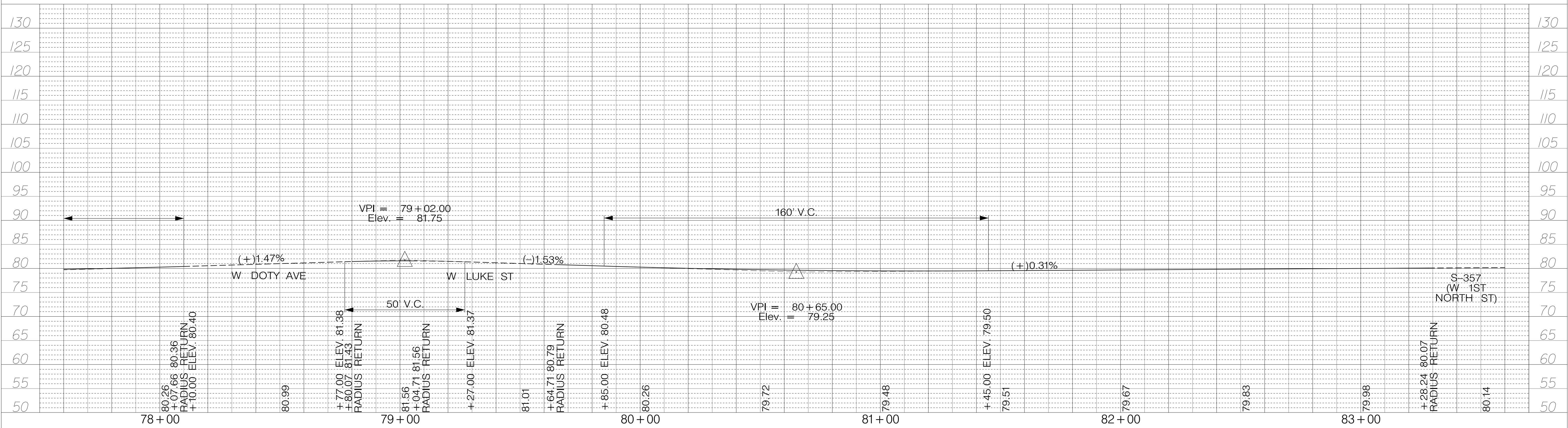
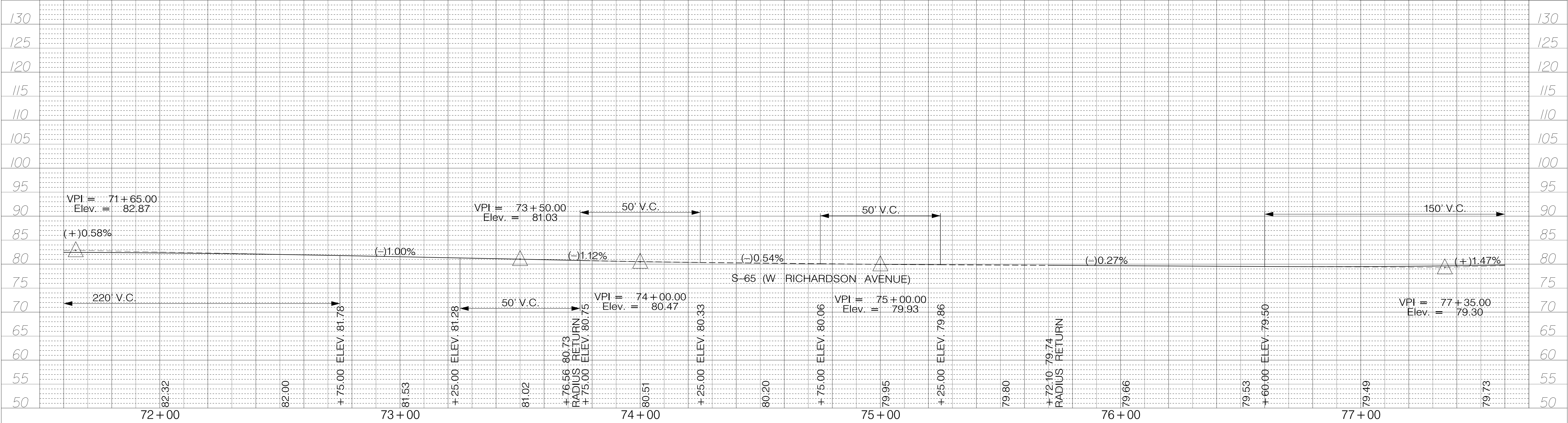


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC RIGHT STA. 60+90.65 TO STA. 71+60.00

SHEET 28 SCALE: 1" = 20'



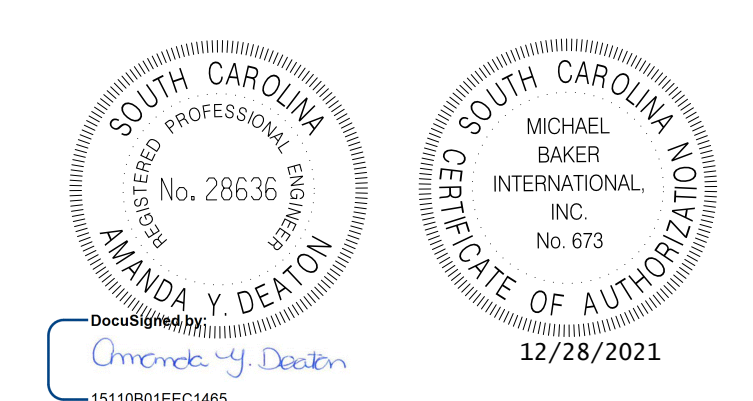
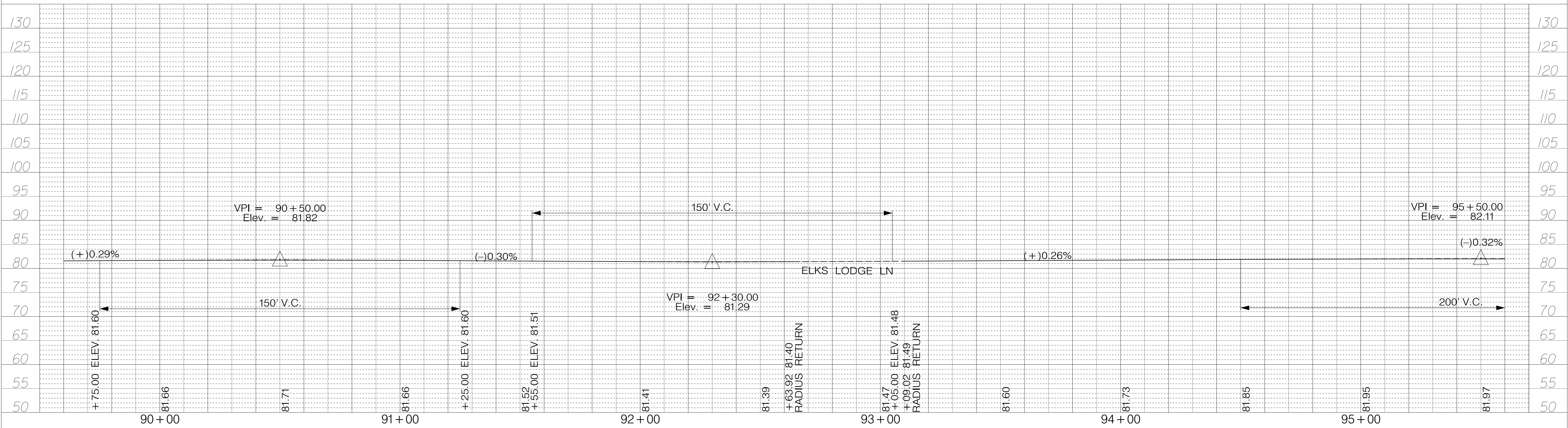
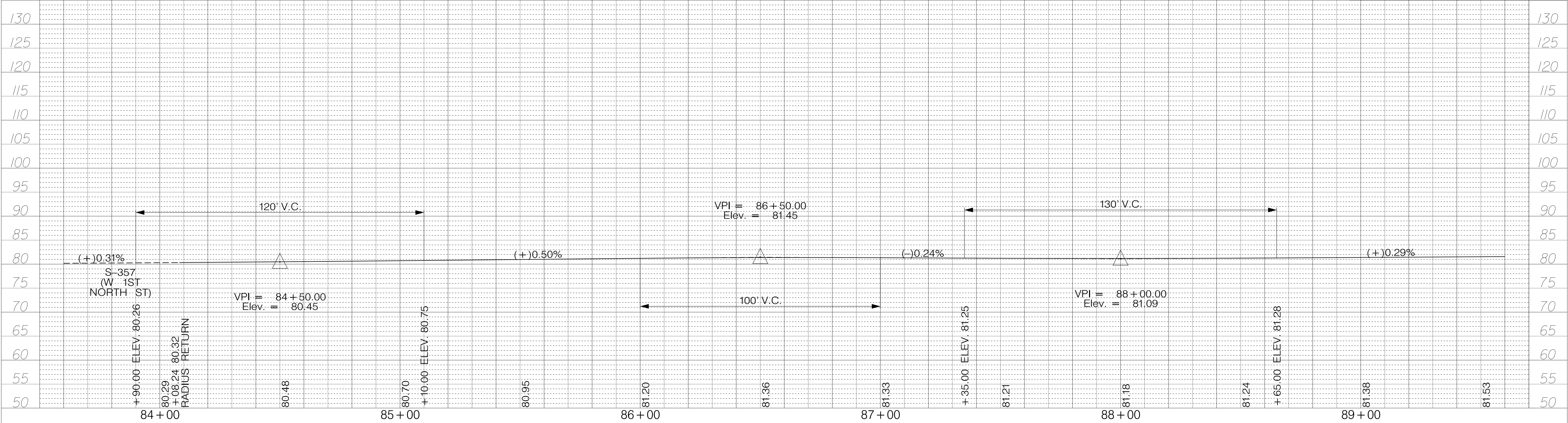
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PROFILE SHEET
TOC RIGHT STA. 71+60.00 TO STA. 83+60.00

SHEET 29 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	30



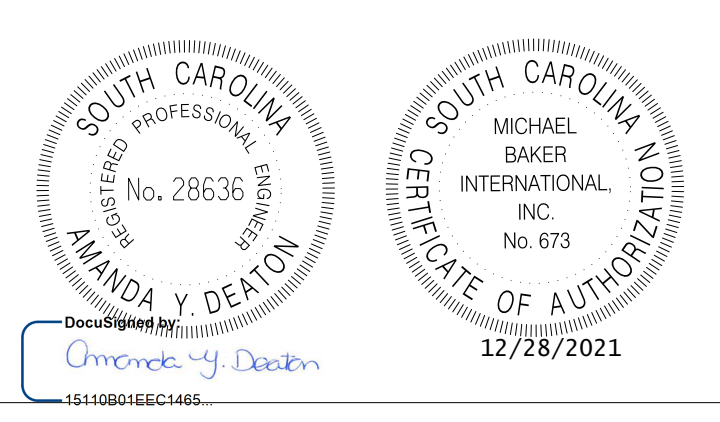
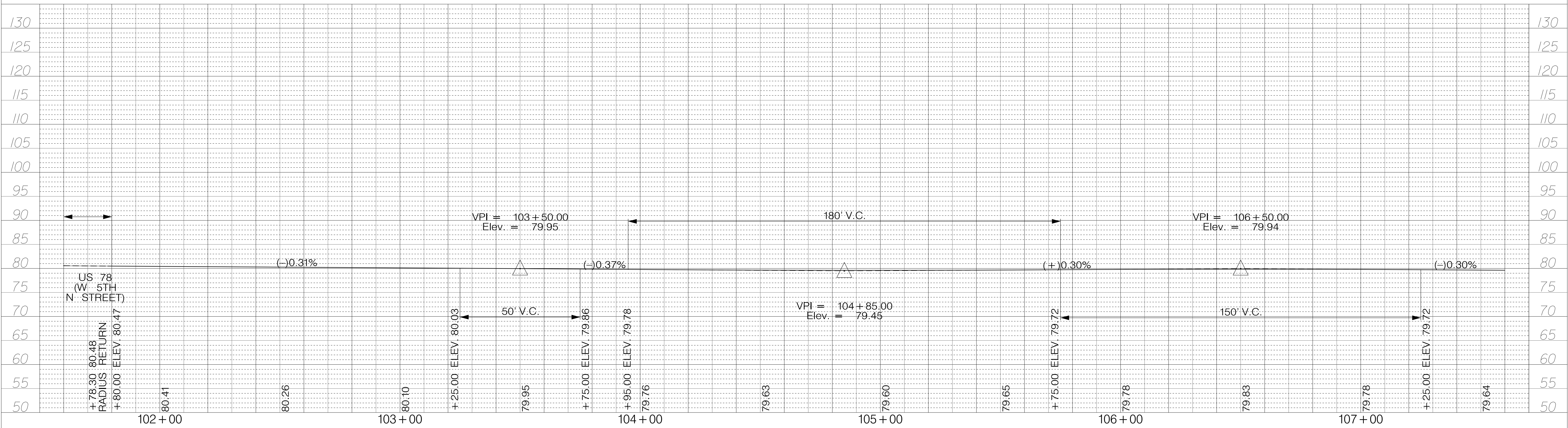
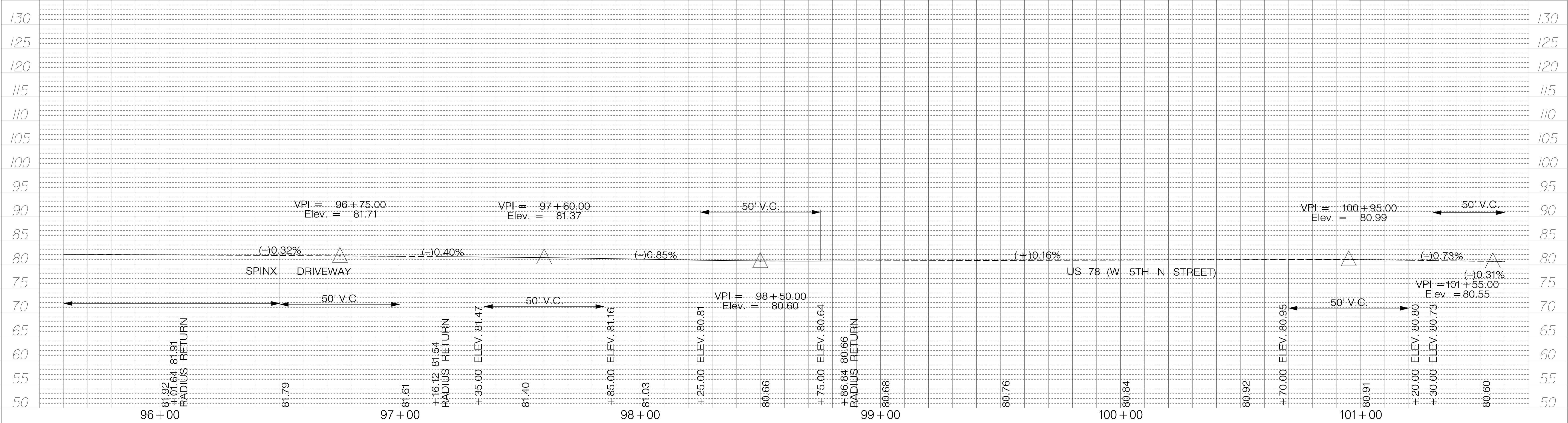
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC RIGHT STA. 83+60.00 TO STA. 95+60.00

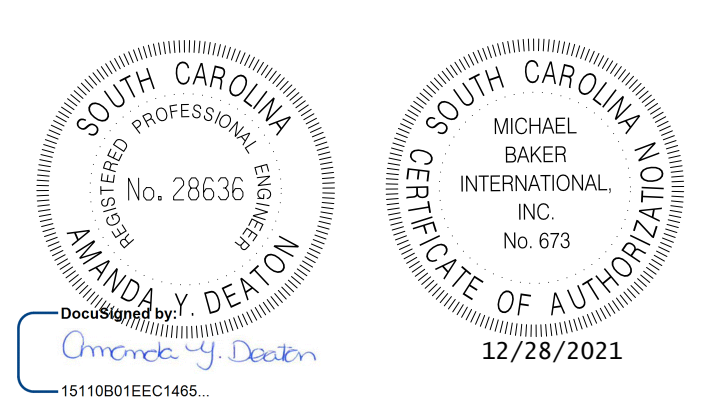
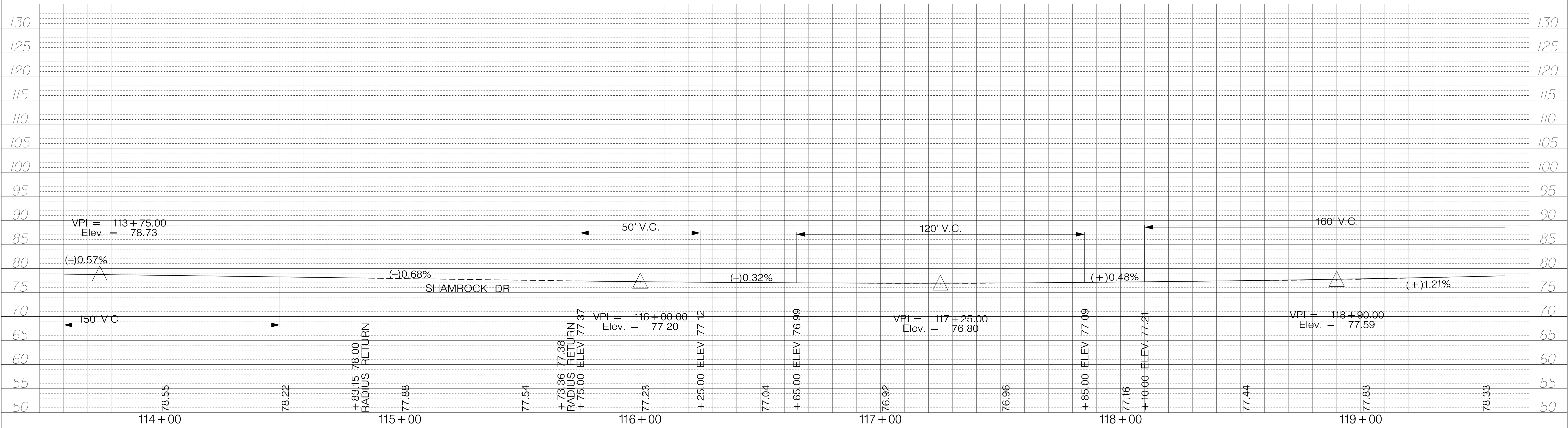
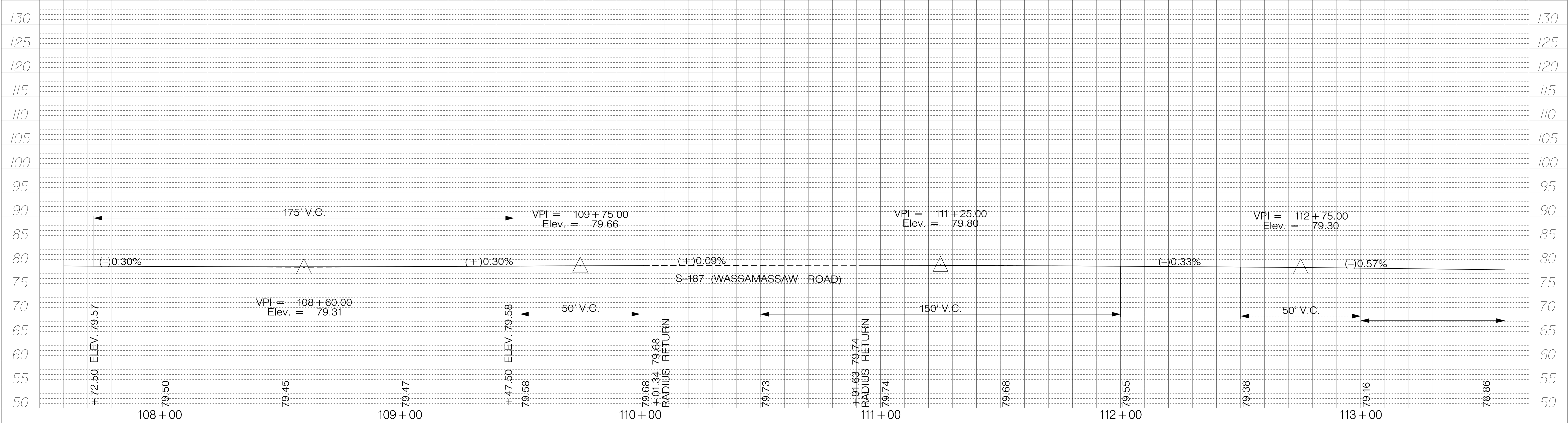
SHEET 30 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	31



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC RIGHT STA. 95+60.00 TO STA. 107+60.00
 SHEET 31 SCALE: 1" = 20'



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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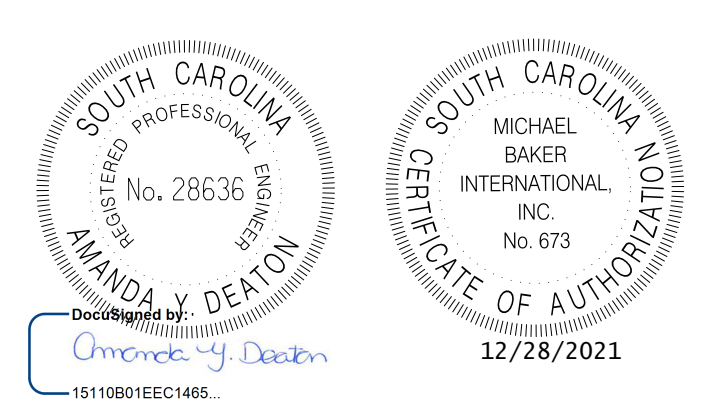
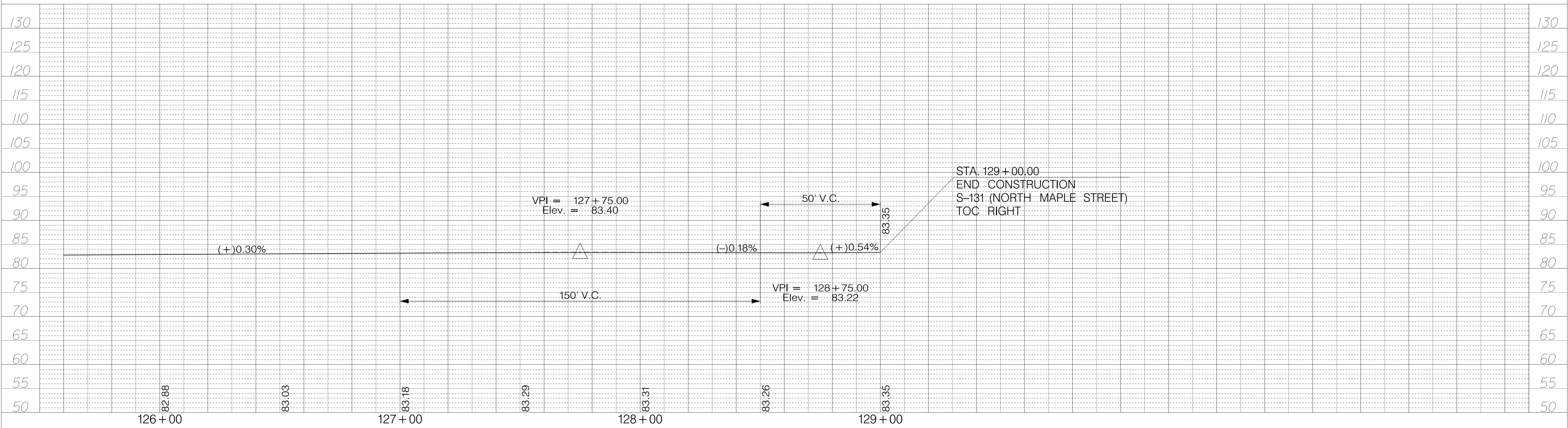
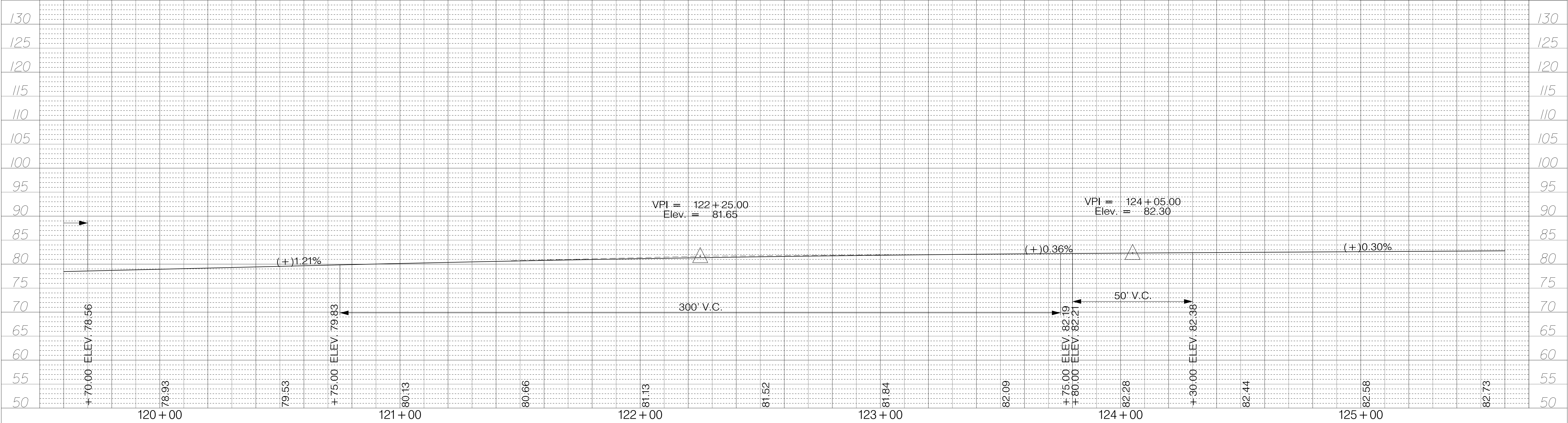
DESIGNED BY: _____ DATE _____
 DRAWN BY: _____ DATE _____
 CHECKED BY: _____ DATE _____

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC RIGHT STA. 107+60.00 TO STA. 119+60.00

SHEET 32 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	33

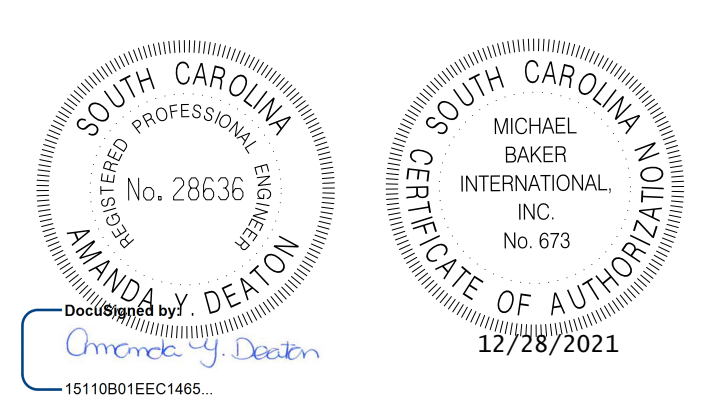
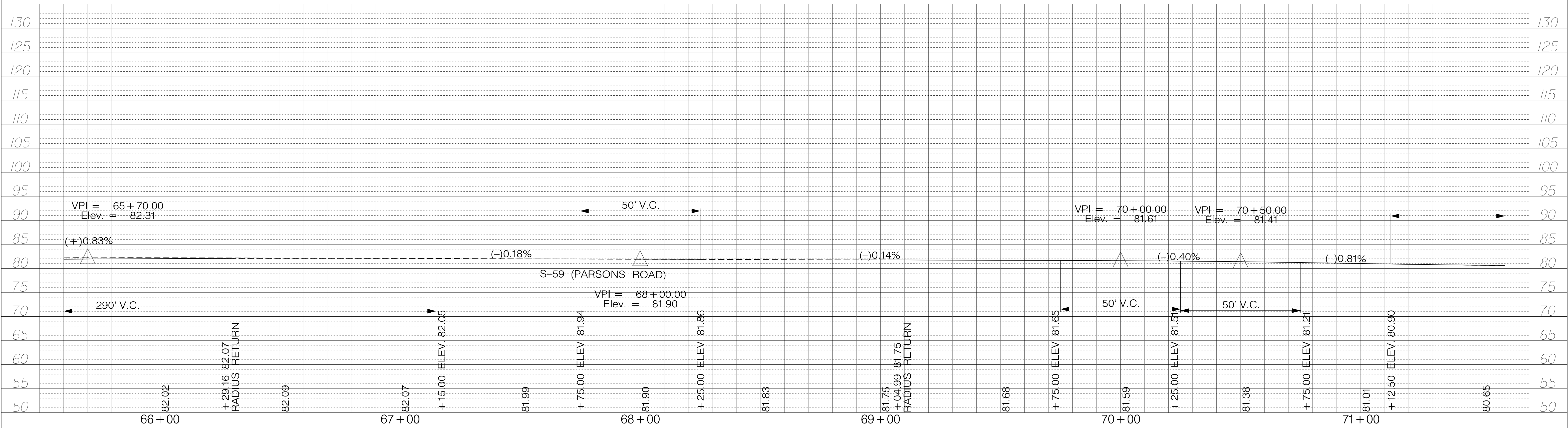
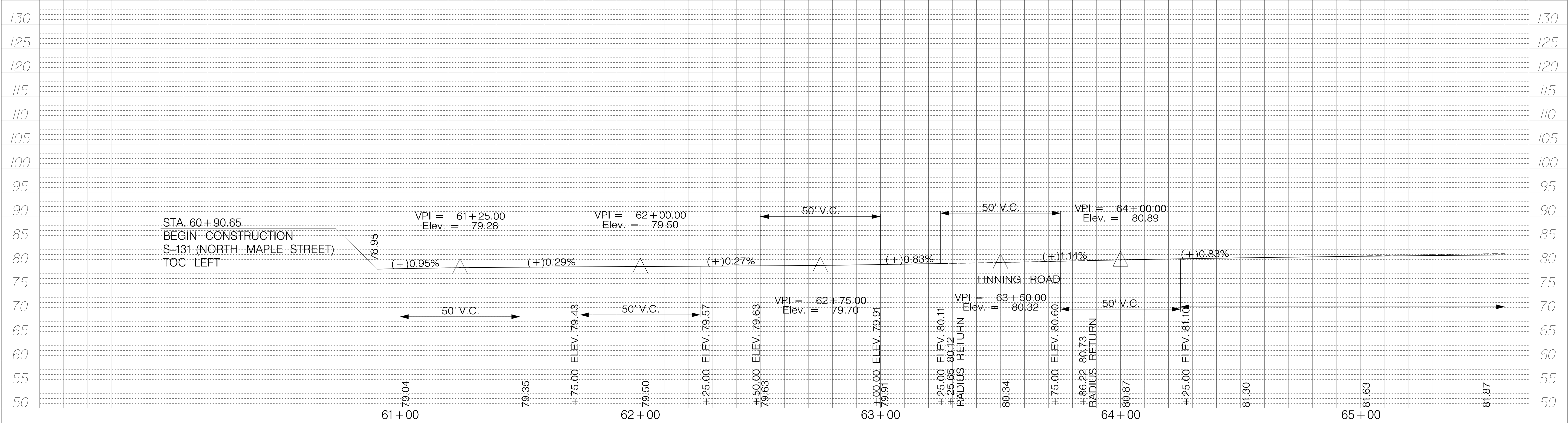


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC RIGHT STA. 119+60.00 TO STA. 129+00.00

SHEET 33 SCALE: 1" = 20'

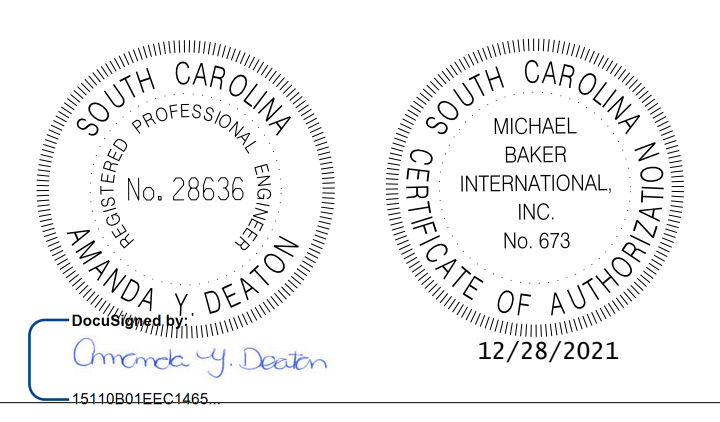
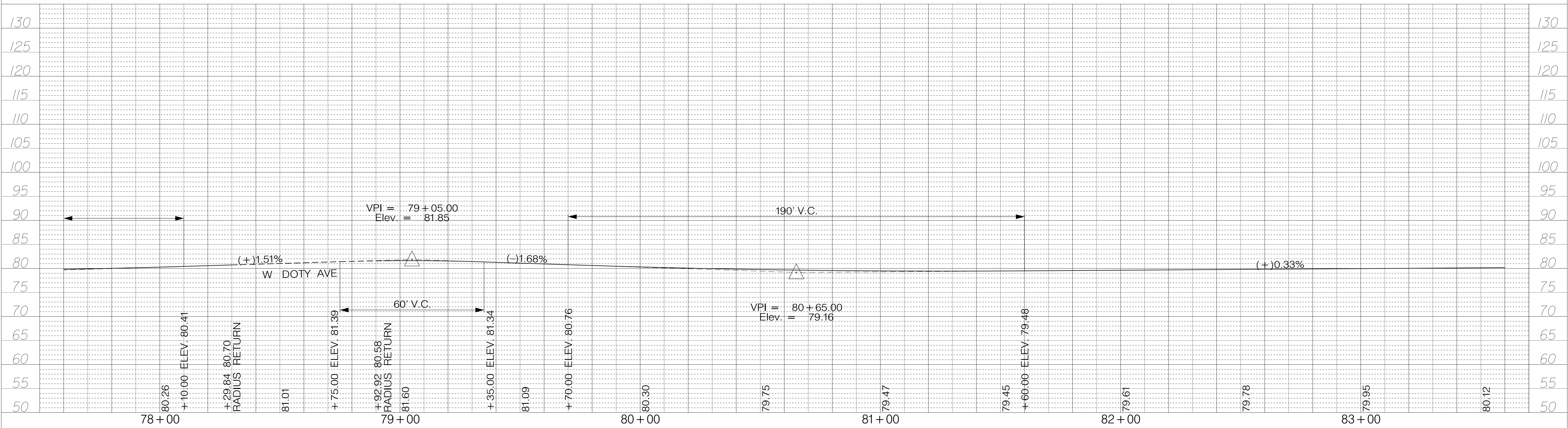
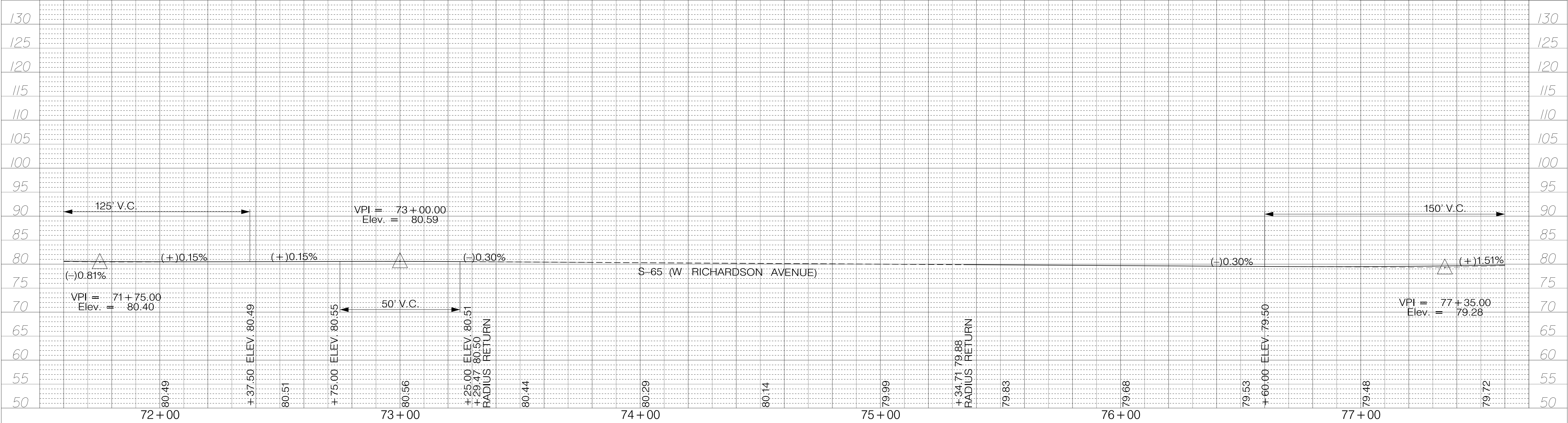


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC LEFT STA. 60+90.65 TO STA. 71+60.00

SHEET 34 SCALE: 1" = 20'



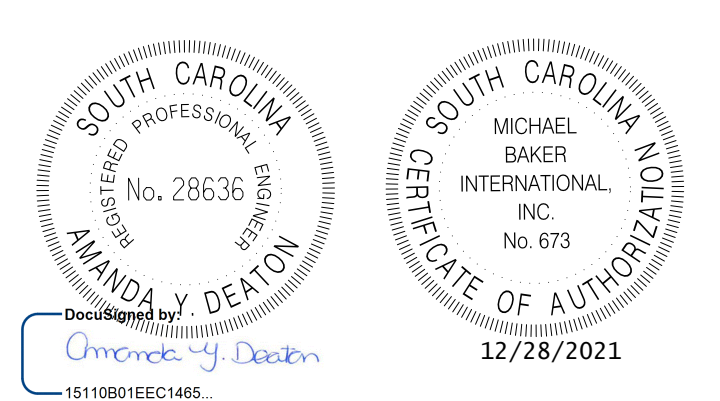
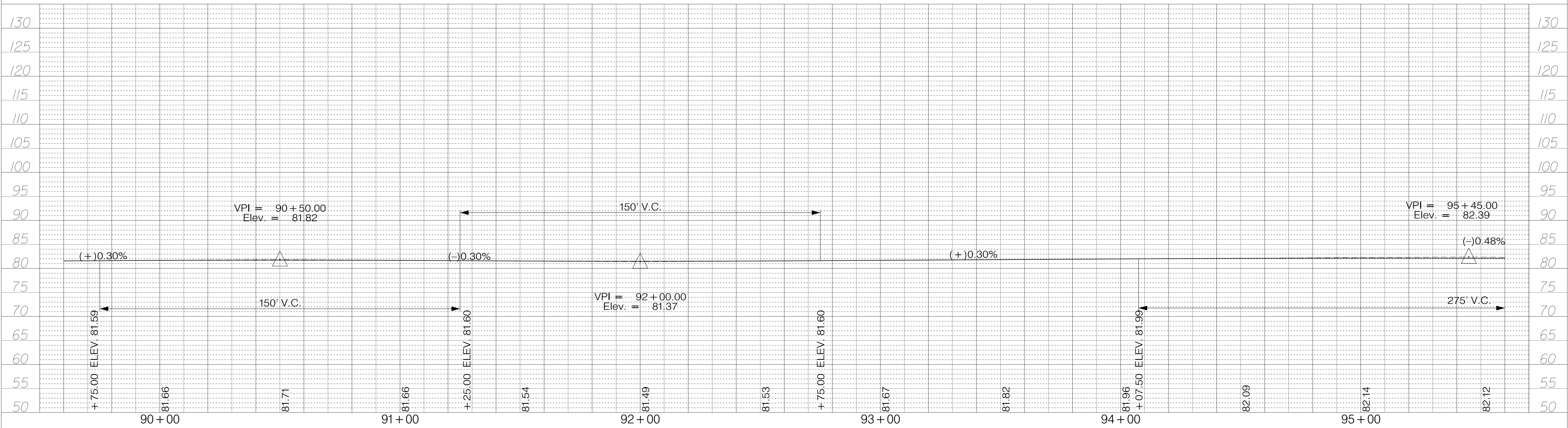
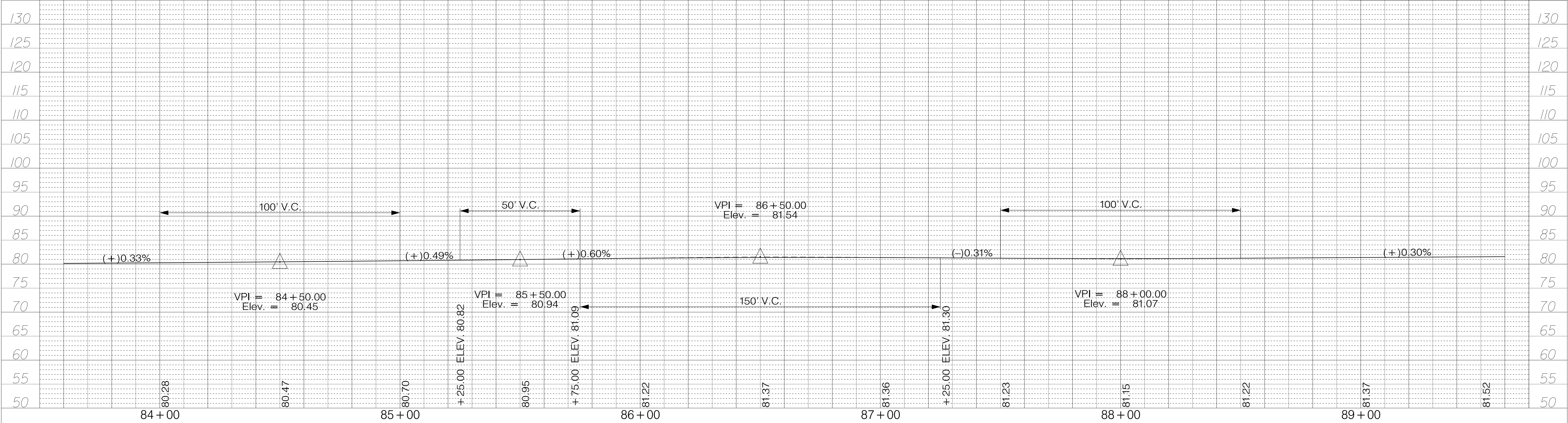
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC LEFT STA. 71+60.00 TO STA. 83+60.00

SHEET 35 SCALE: 1" = 20'

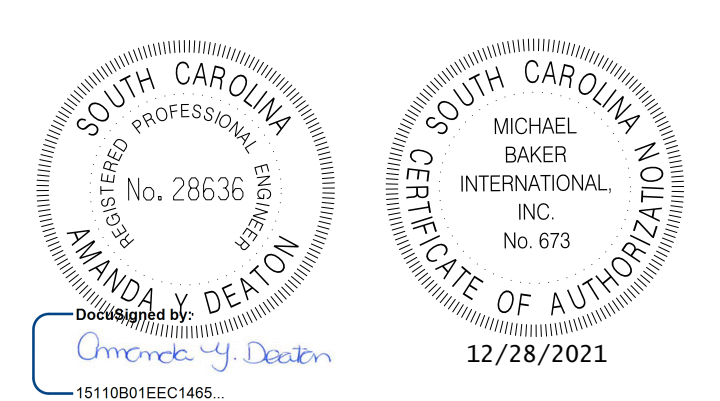
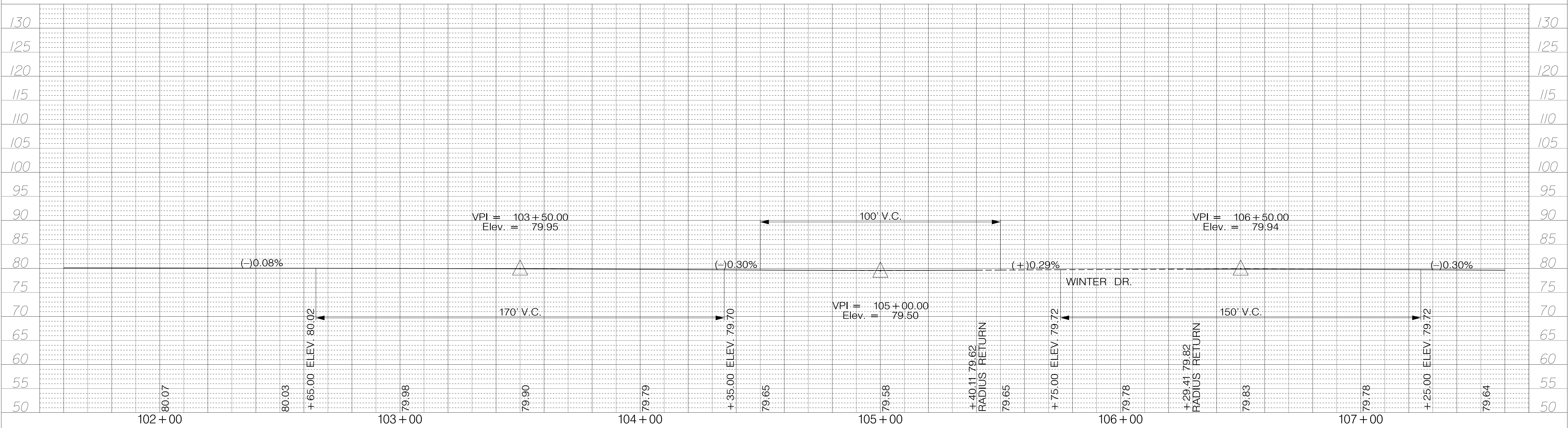
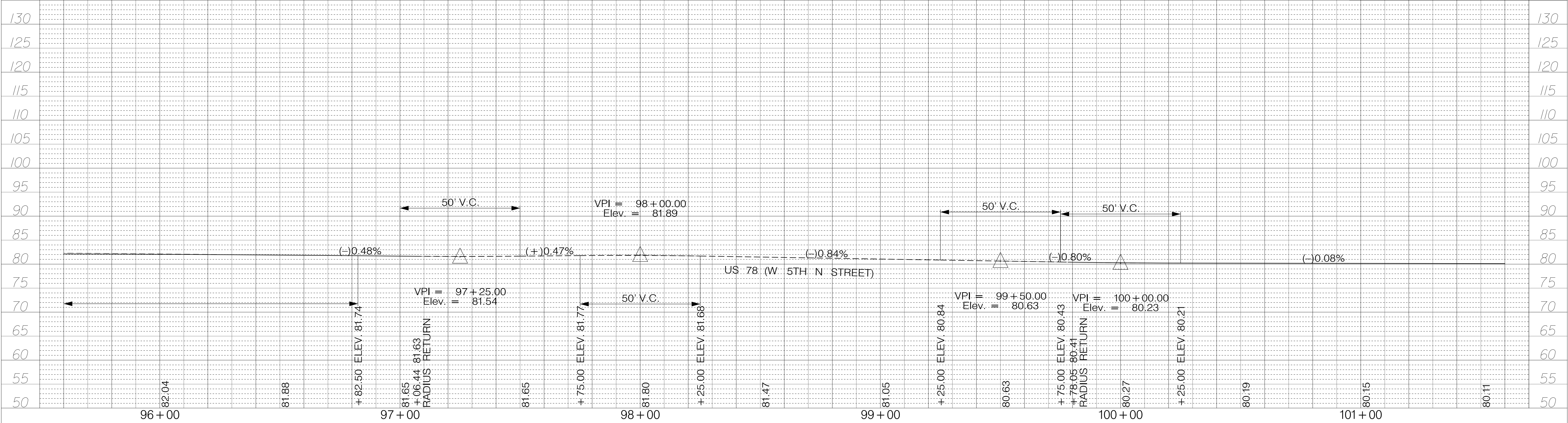


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PROFILE SHEET
TOC LEFT STA. 83+60.00 TO STA. 95+60.00

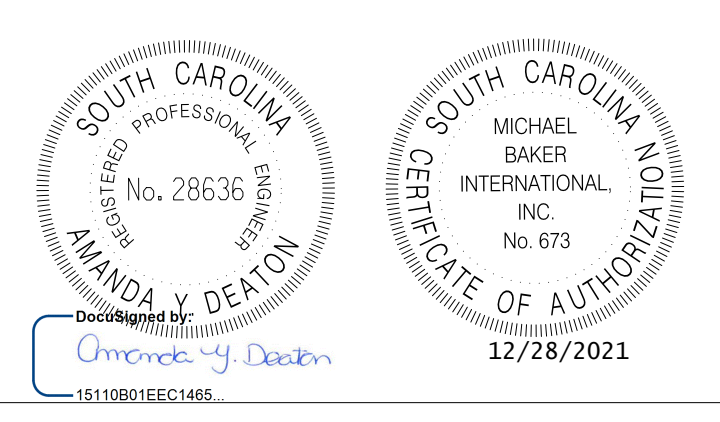
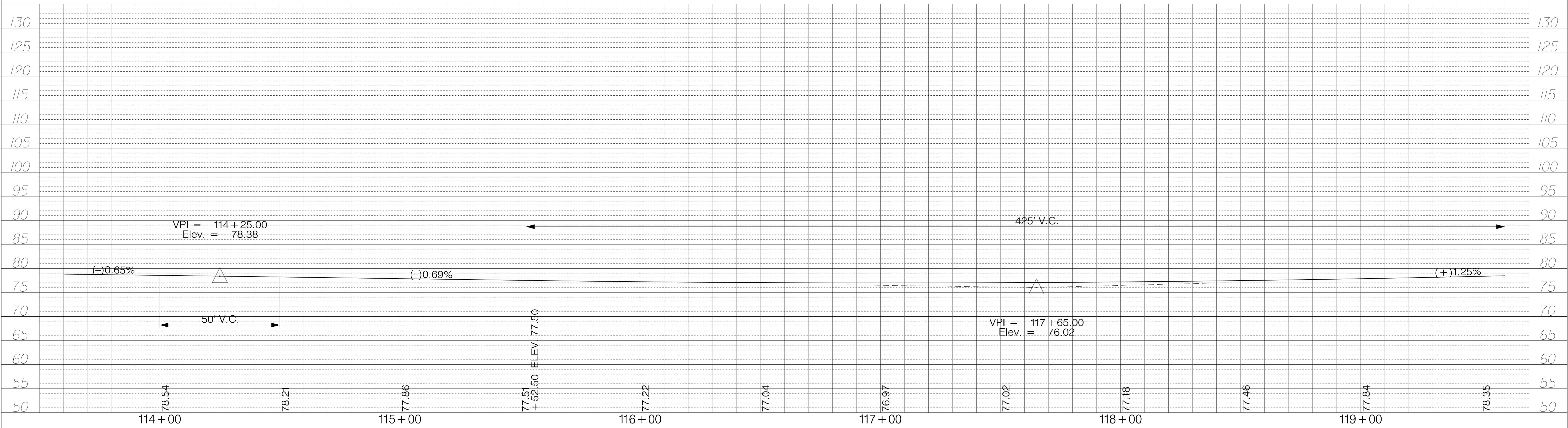
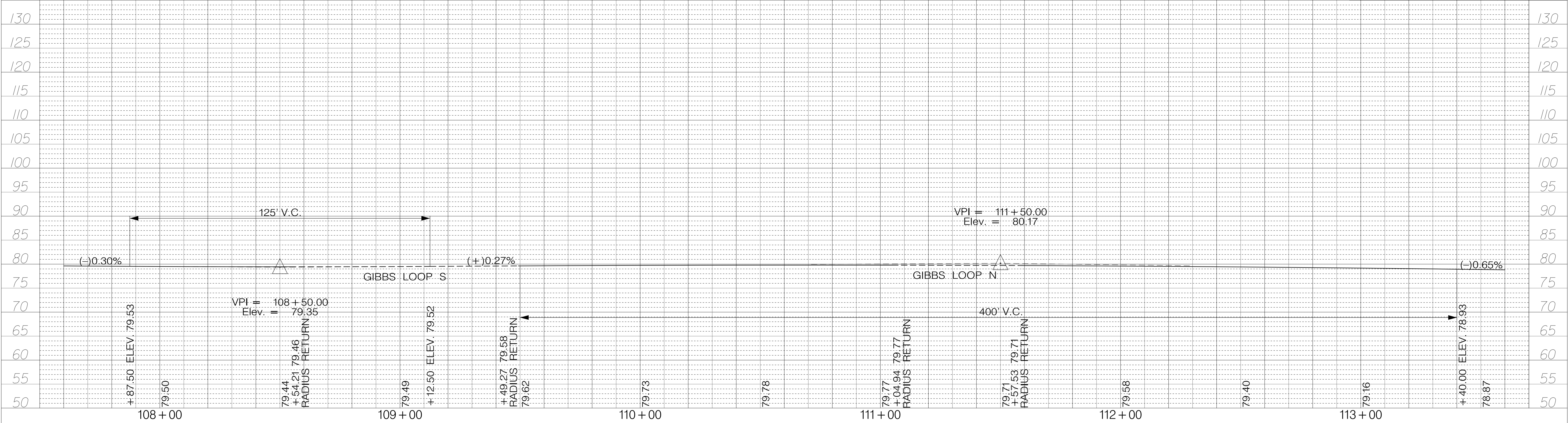
SHEET 36 SCALE: 1" = 20'



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC LEFT STA. 95+60.00 TO STA. 107+60.00
 SHEET 37 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	38



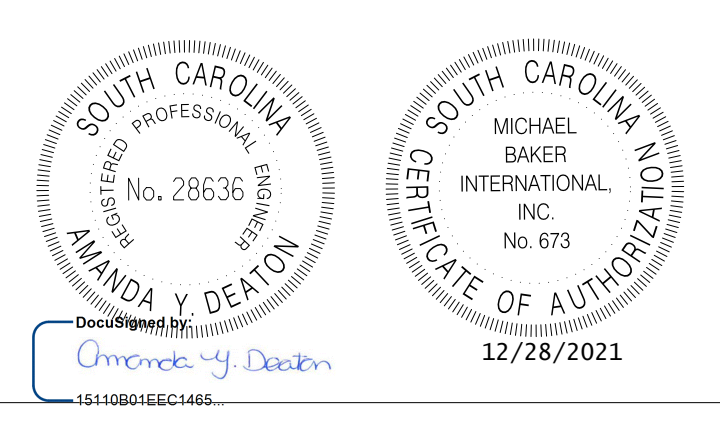
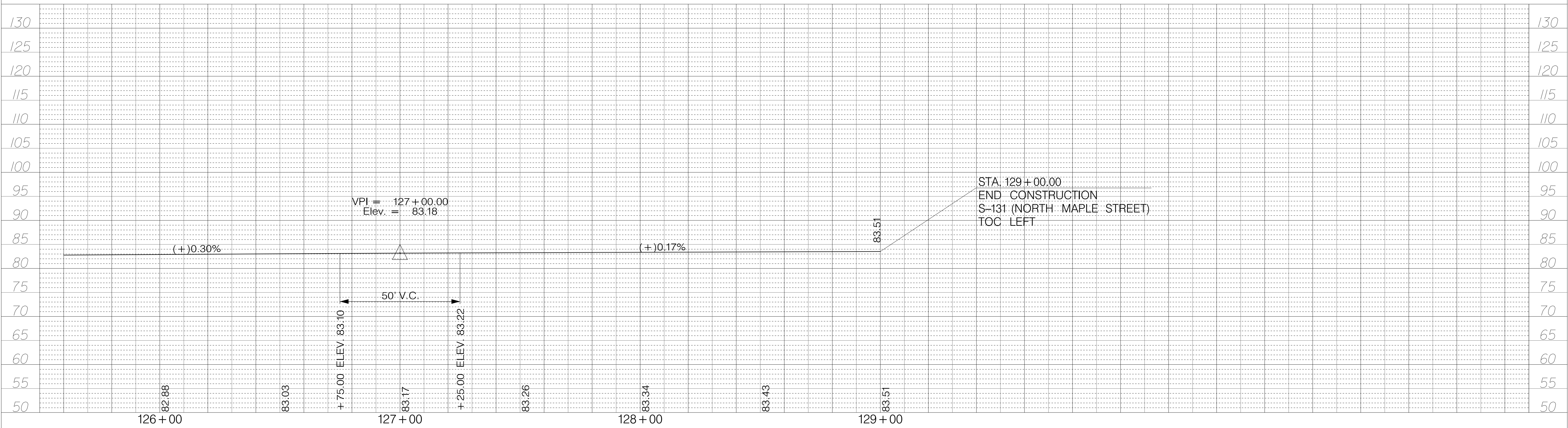
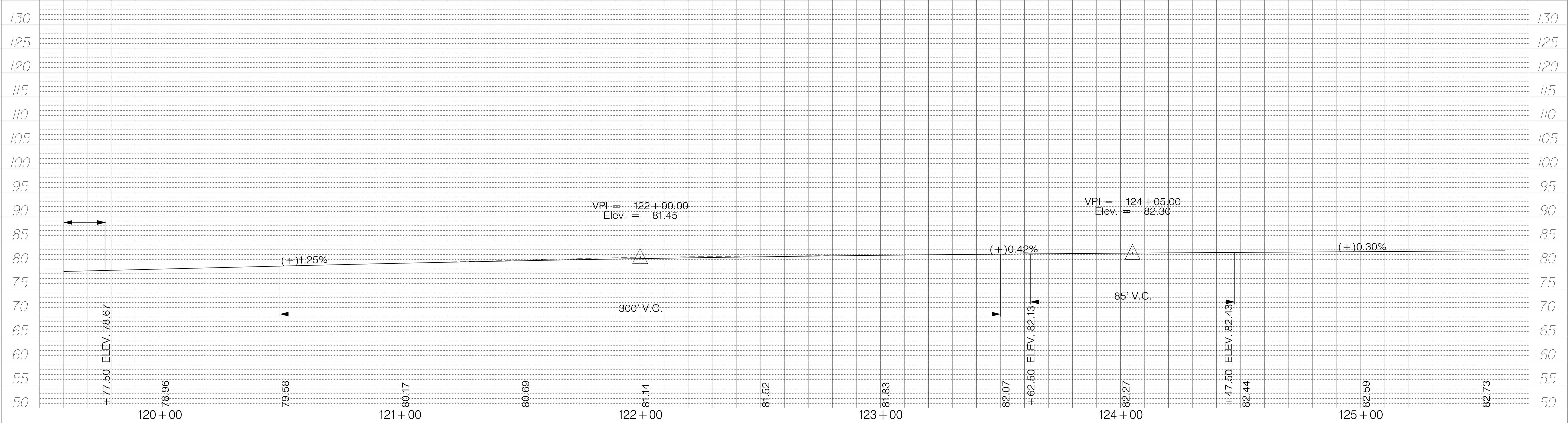
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC LEFT STA. 107+60.00 TO STA. 119+60.00

SHEET 38 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	39



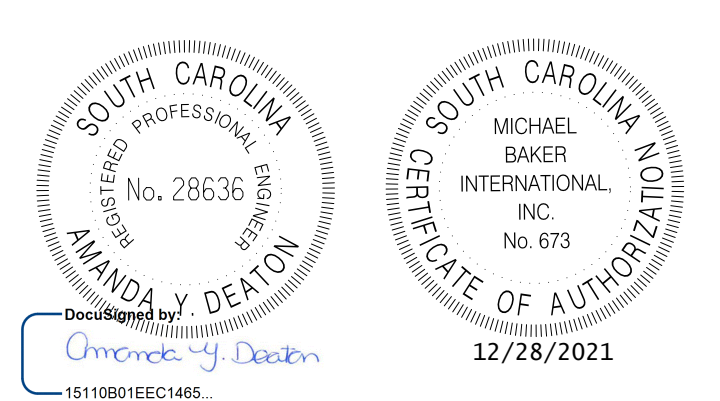
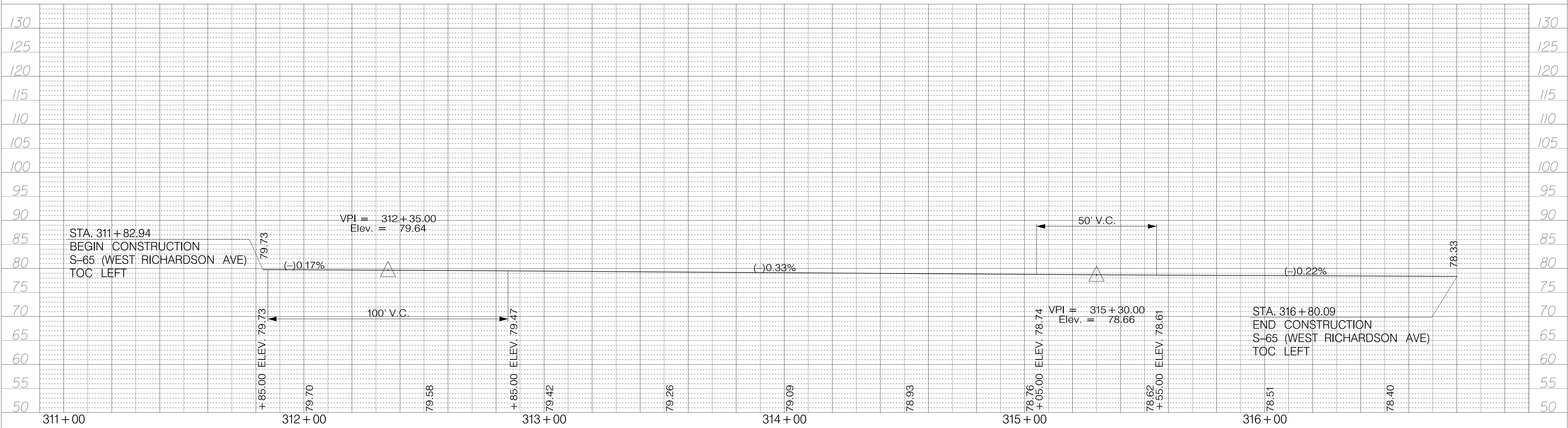
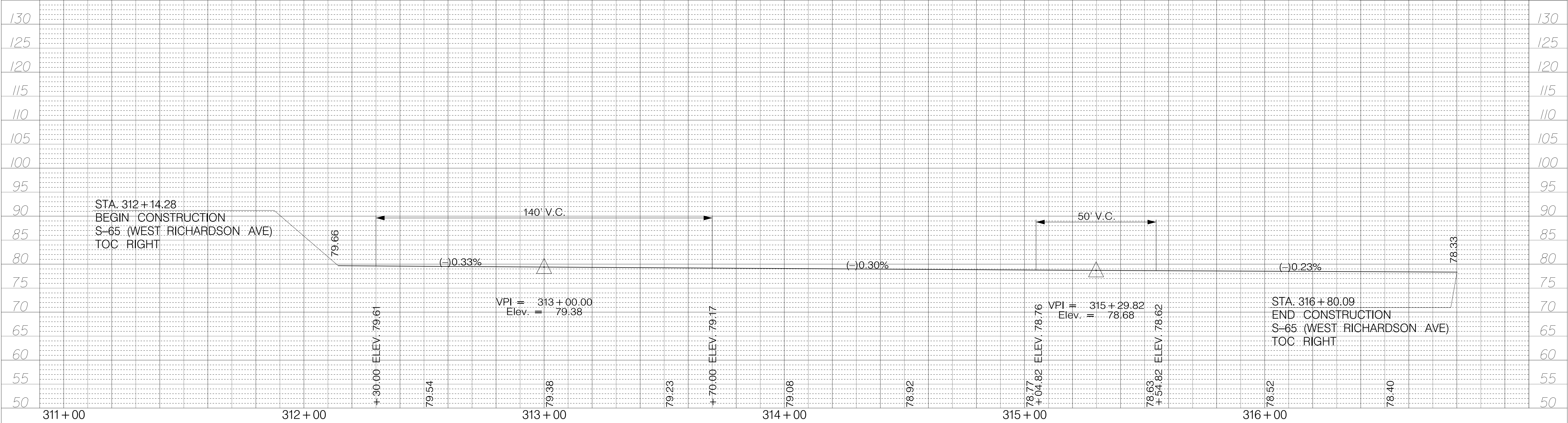
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PROFILE SHEET
 TOC LEFT STA. 119+60.00 TO STA. 129+00.00

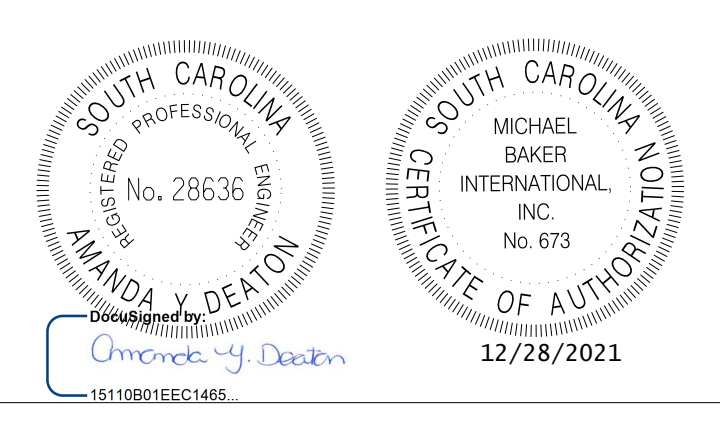
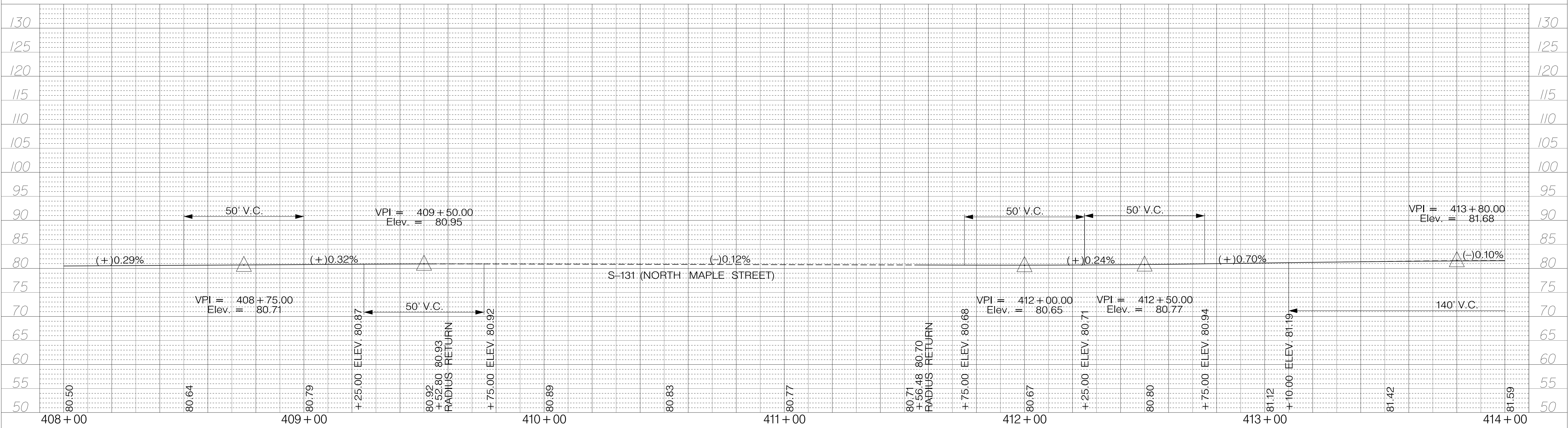
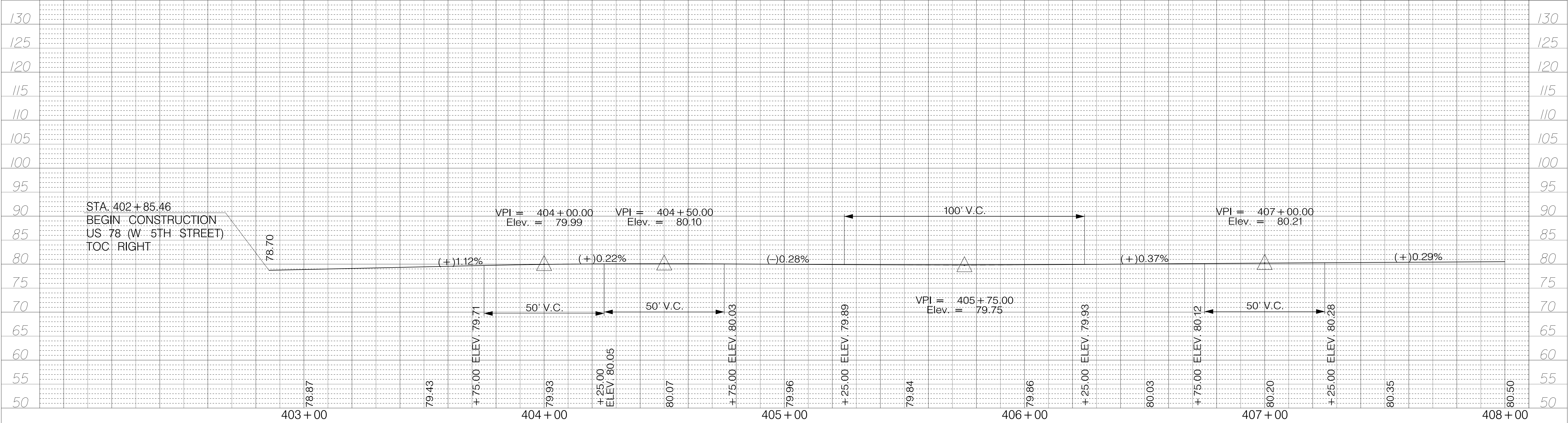
SHEET 39 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	40



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE
S-65 (WEST RICHARDSON AVE)
TOC PROFILE SHEET

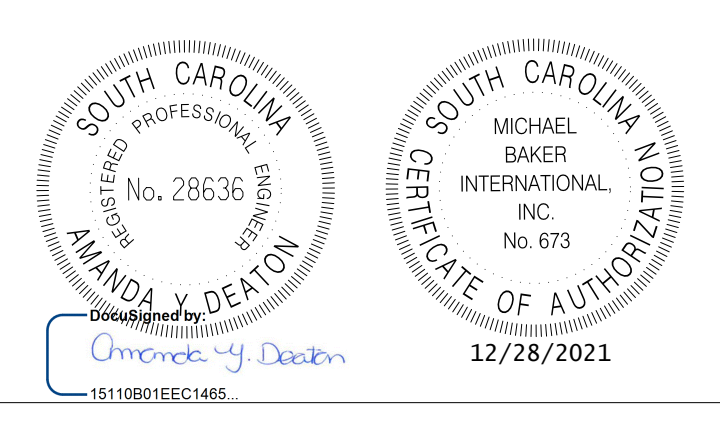
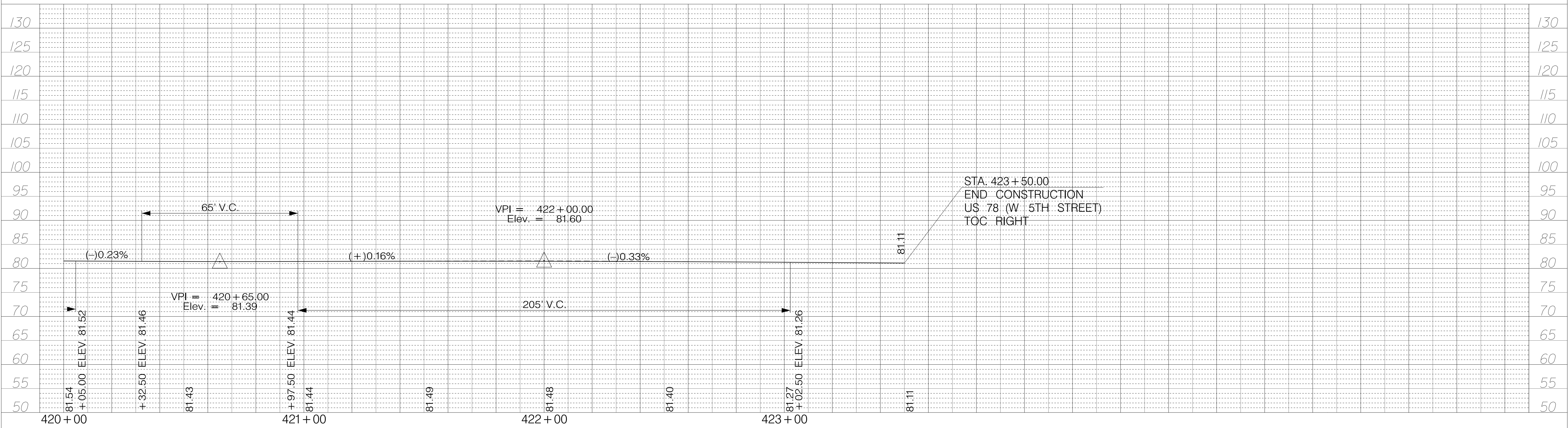
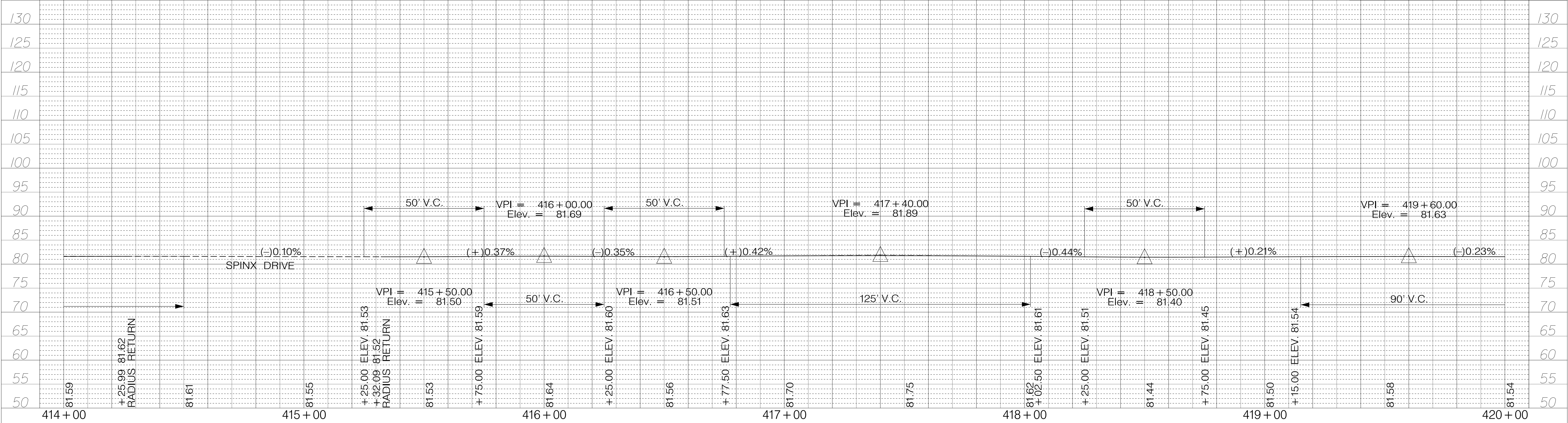


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

US 78 (W 5TH STREET)
PROFILE SHEET
TOC RIGHT STA. 402+85.46 TO STA. 414+00.00

SHEET 41 SCALE: 1" = 20'

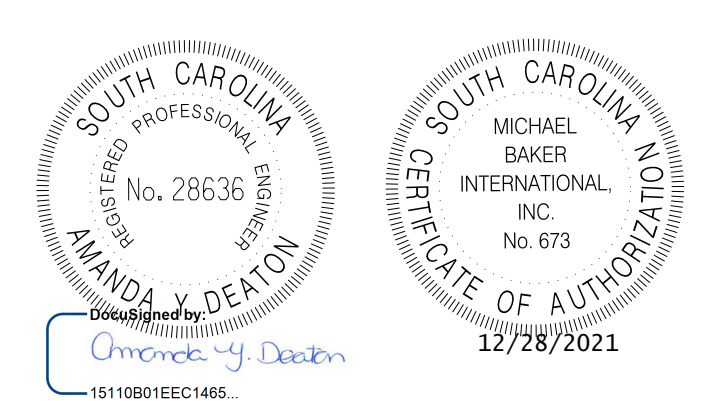
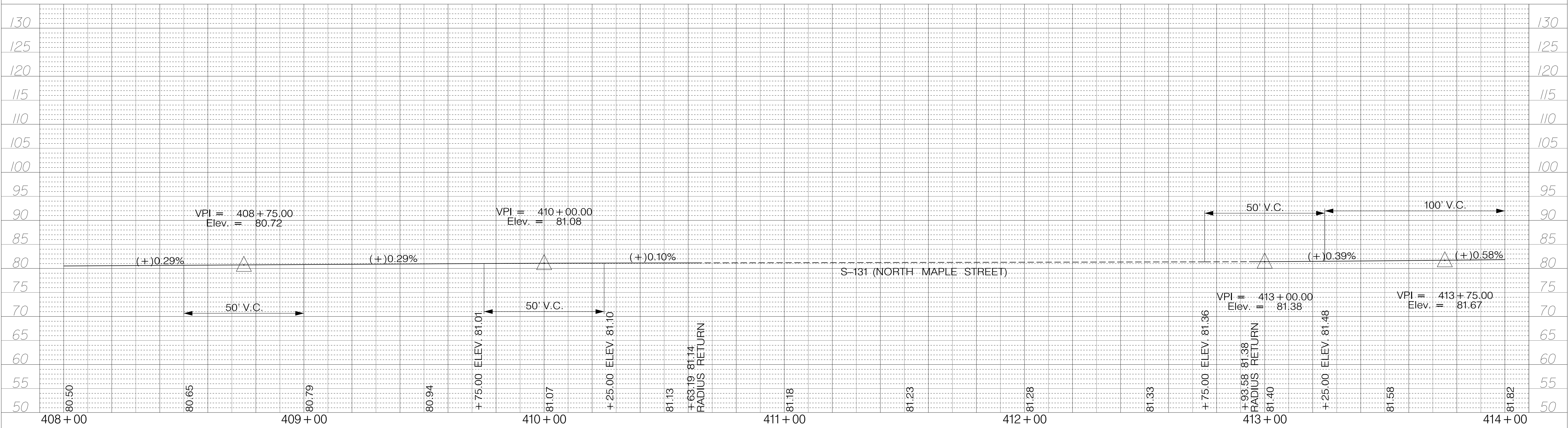
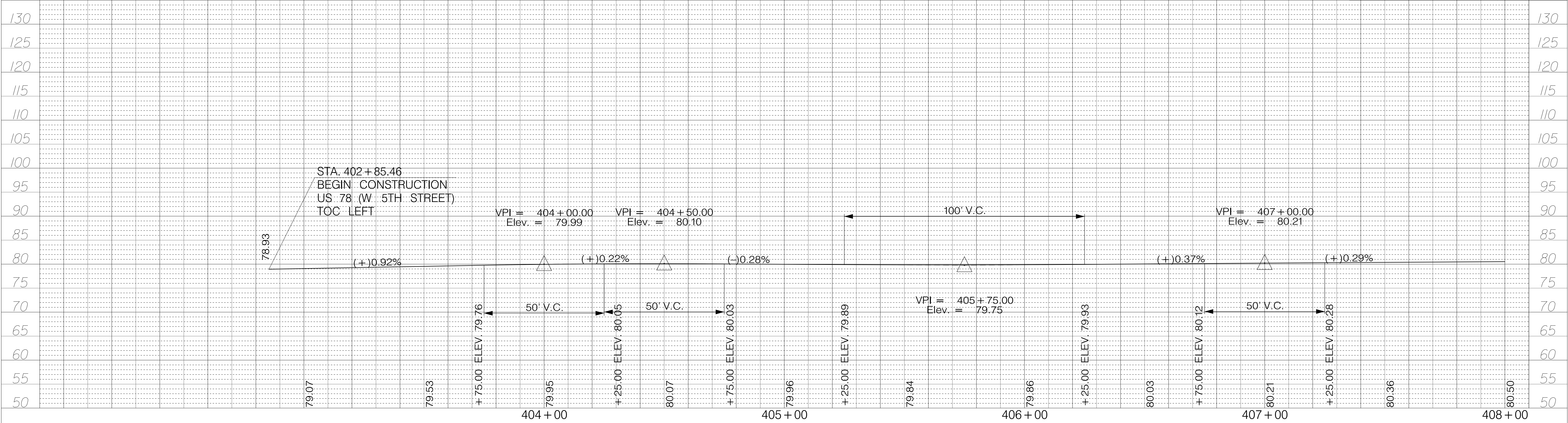


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

US 78 (W 5TH STREET)
 PROFILE SHEET
 TOC RIGHT STA. 414+00.00 TO STA. 423+50.00

SHEET 42 SCALE: 1" = 20'

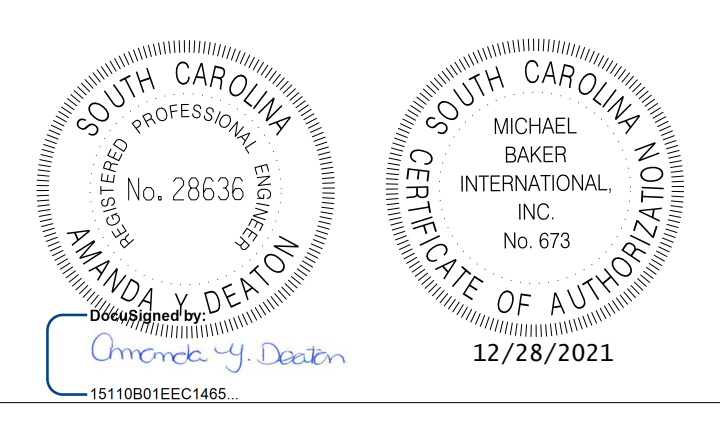
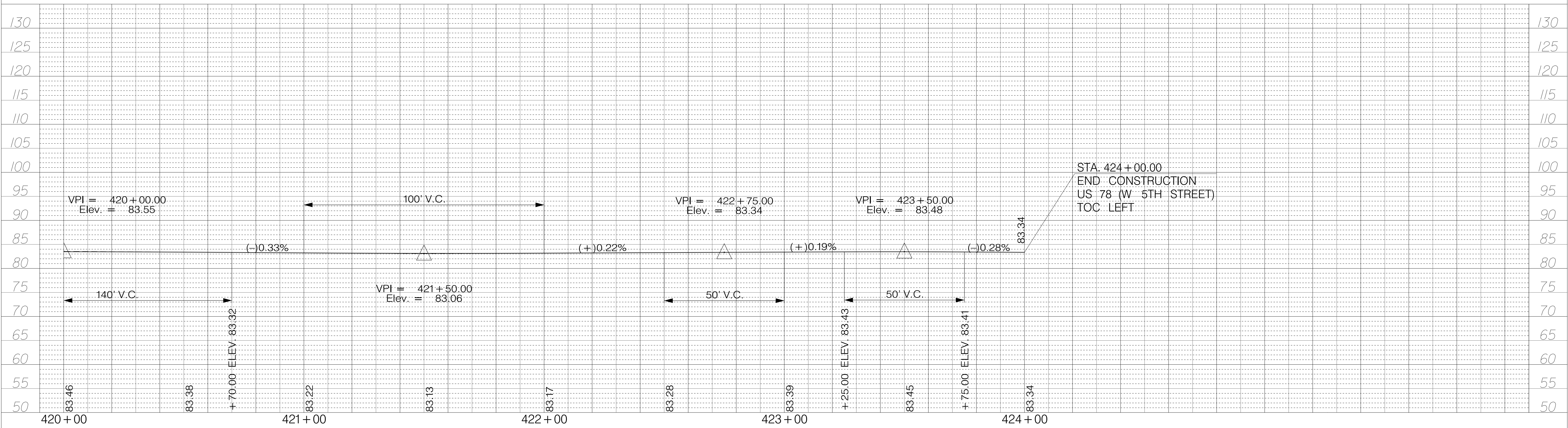
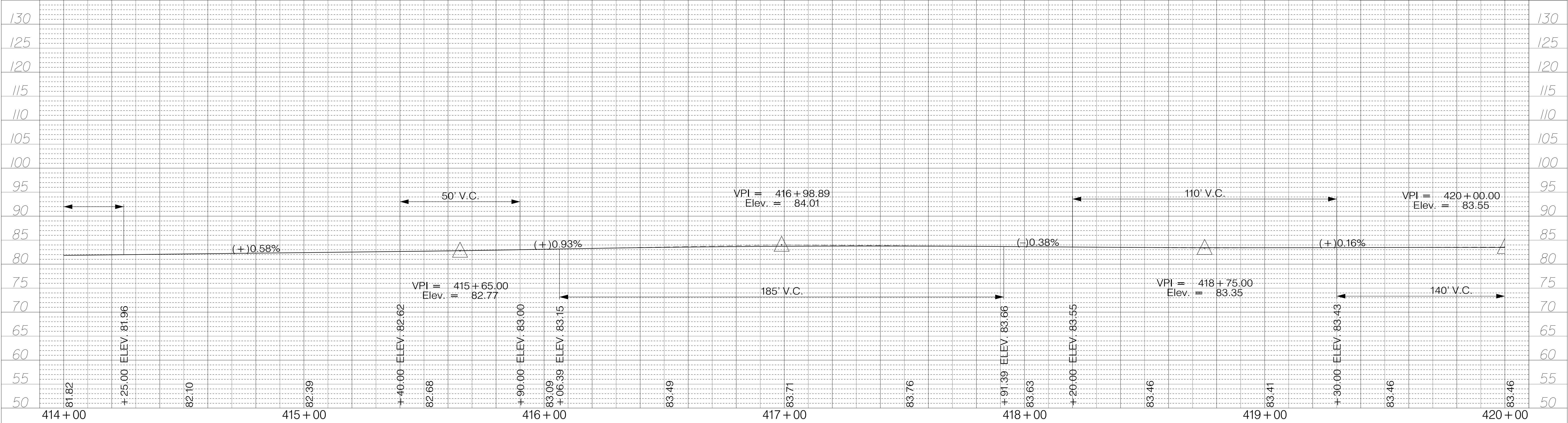


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

US 78 (W 5TH STREET)
 PROFILE SHEET
 TOC LEFT STA. 402+85.46 TO STA. 414+00.00

SHEET 43 SCALE: 1" = 20'



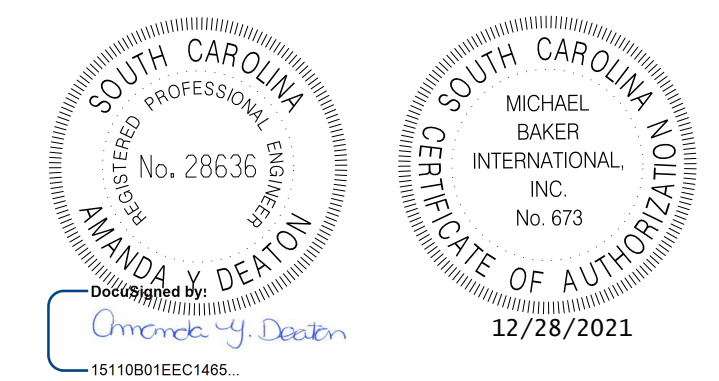
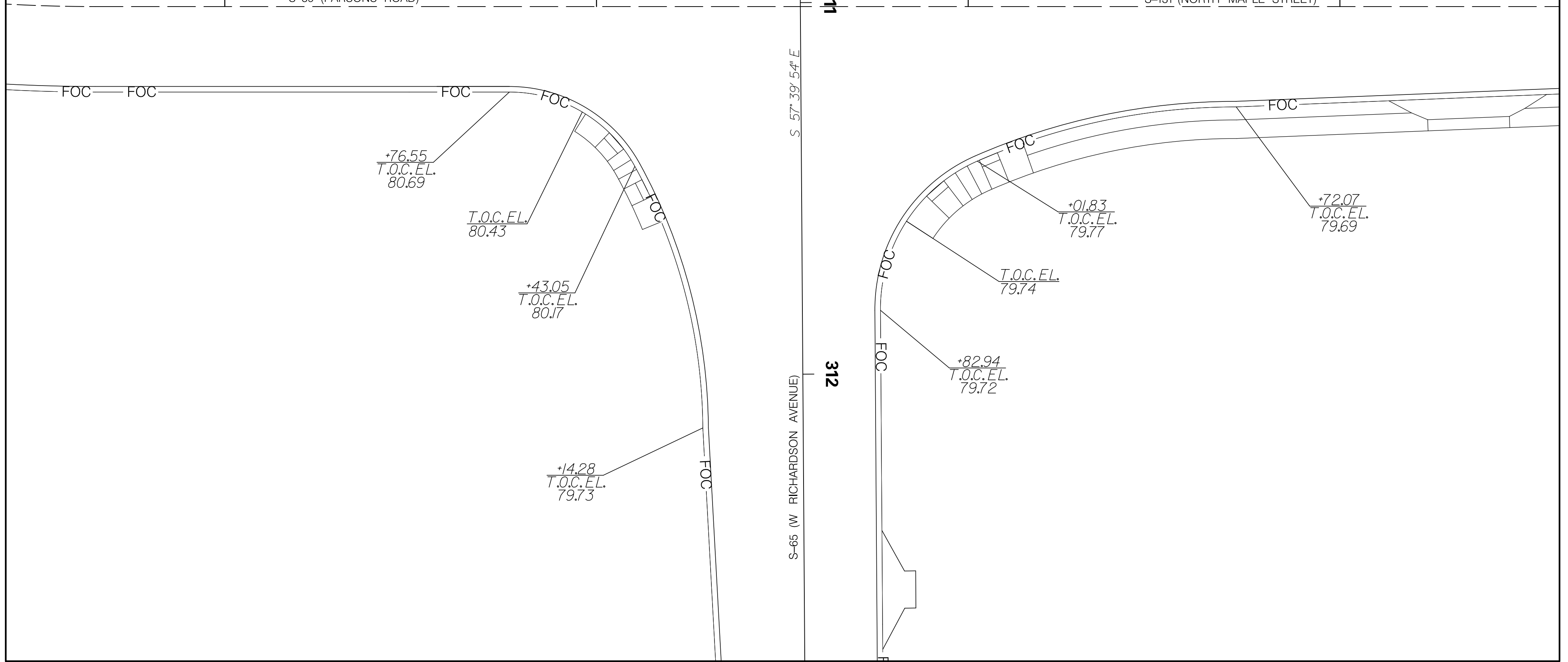
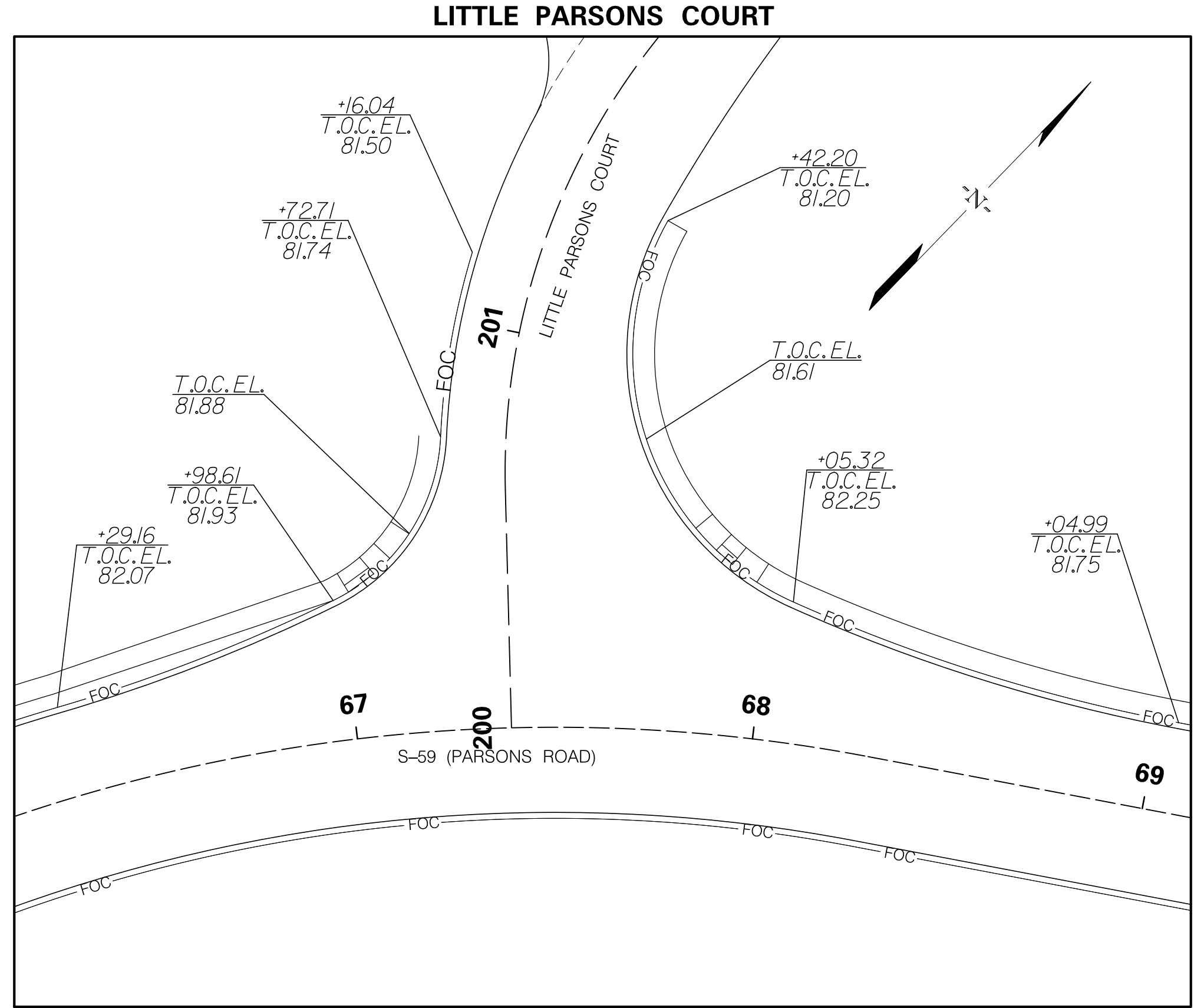
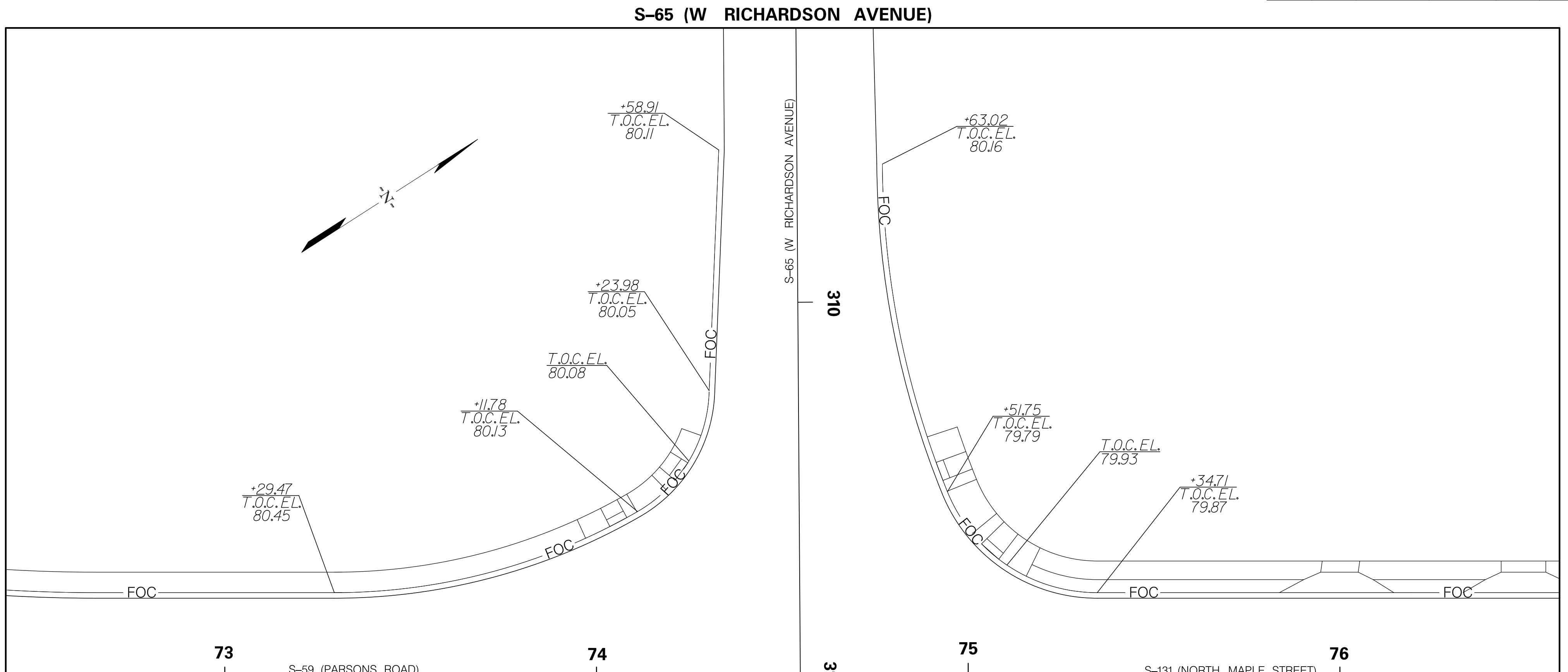
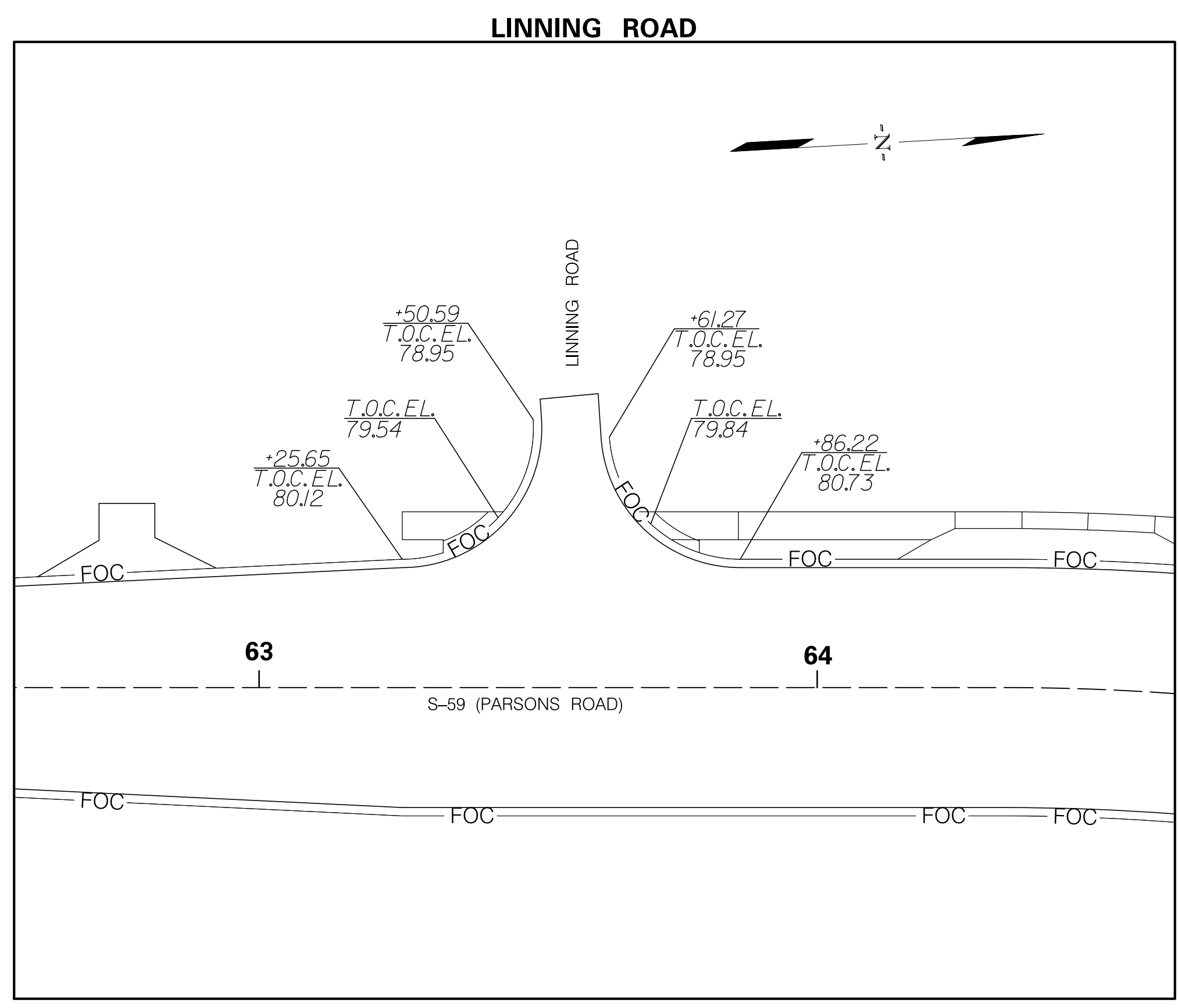
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

US 78 (W 5TH STREET)
PROFILE SHEET
TOC LEFT STA. 414+00.00 TO STA. 423+50.00

SHEET 44 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	45



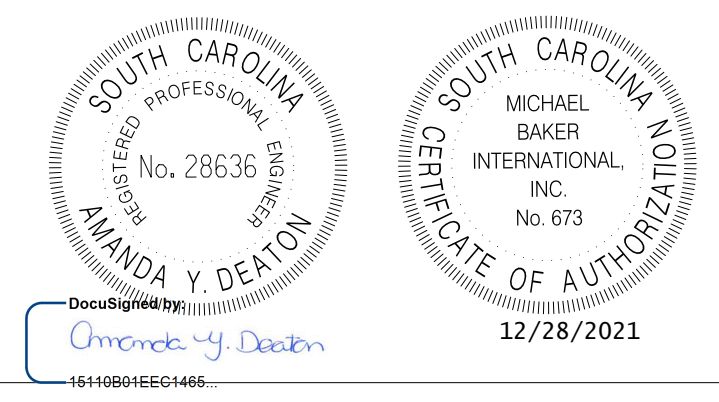
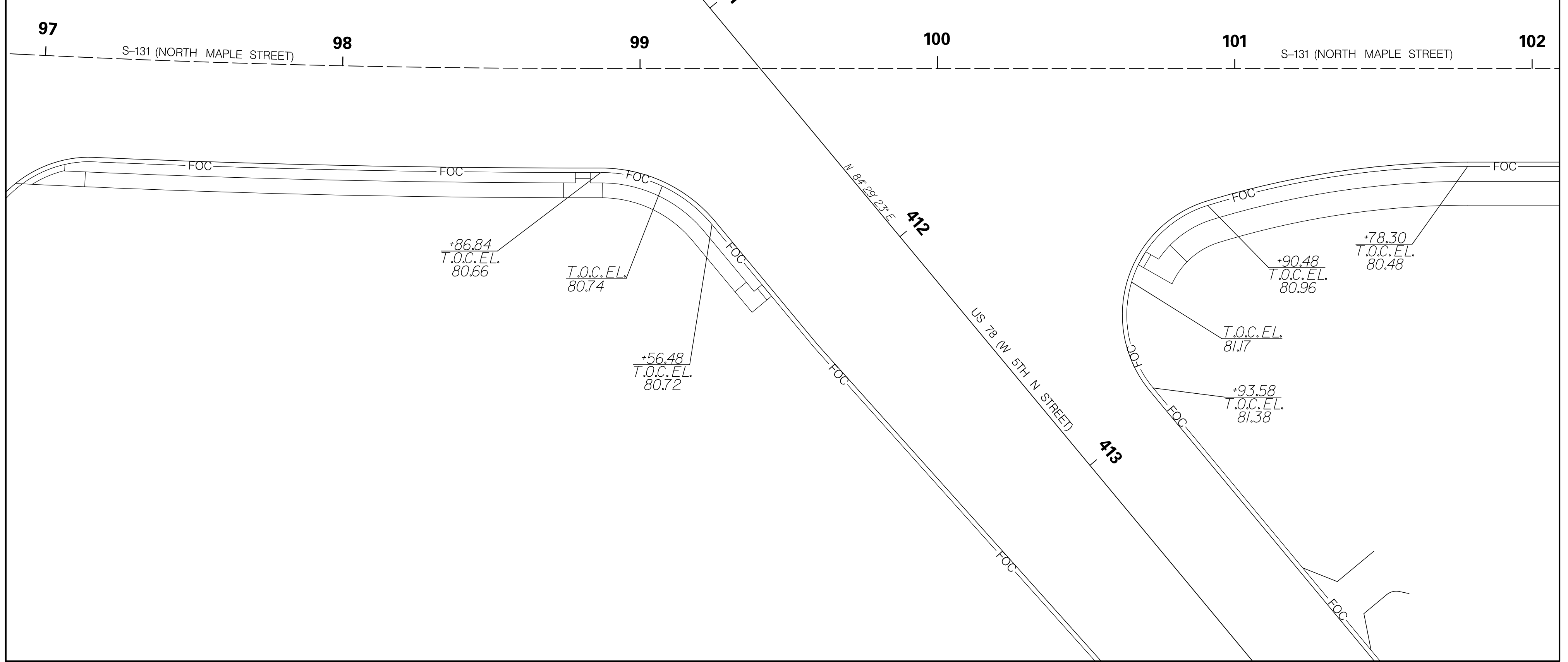
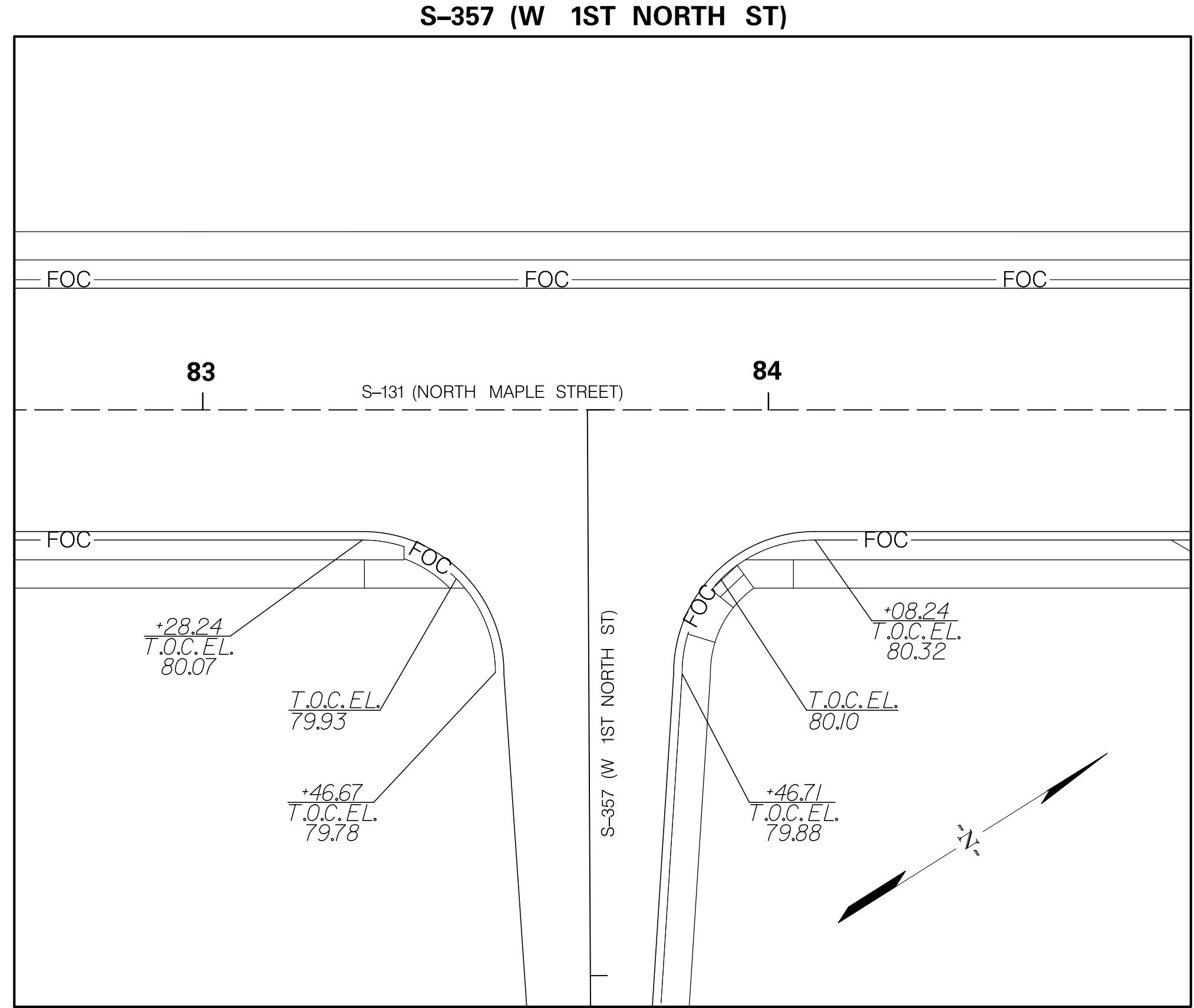
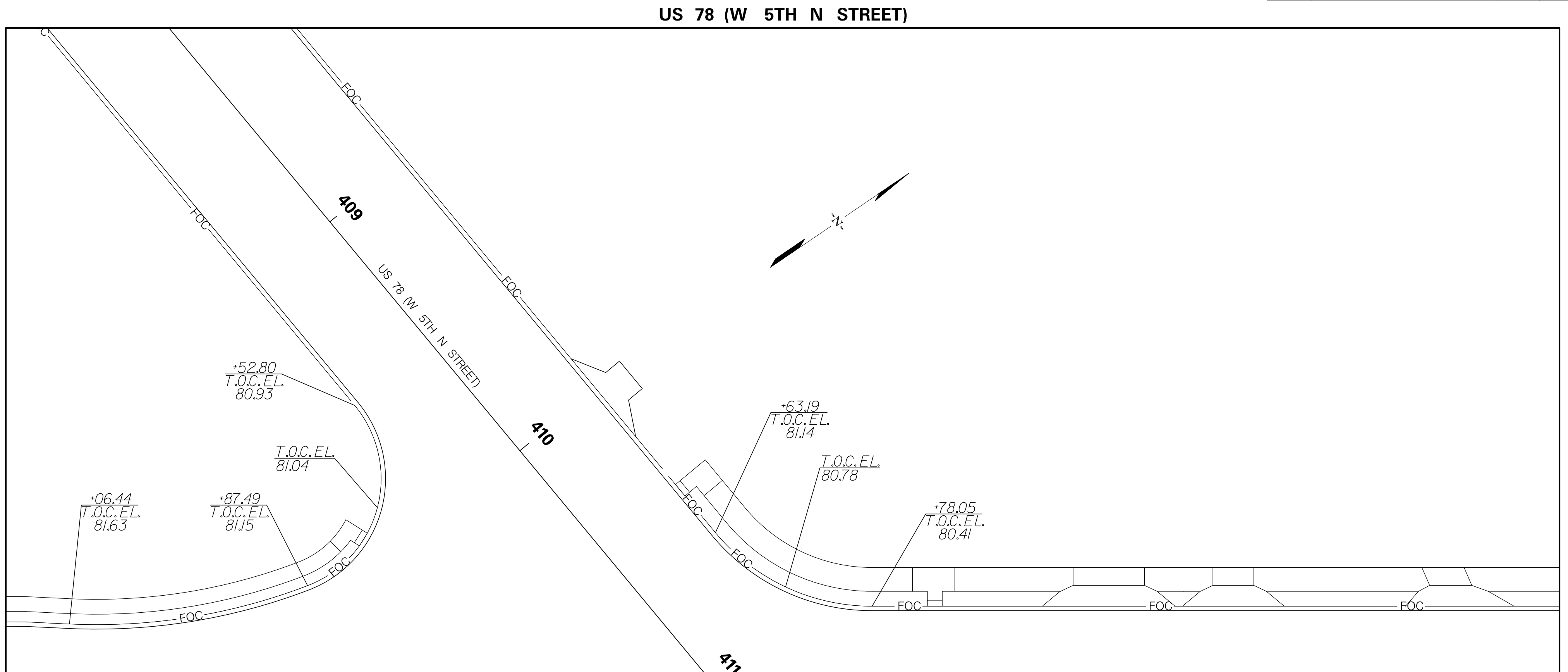
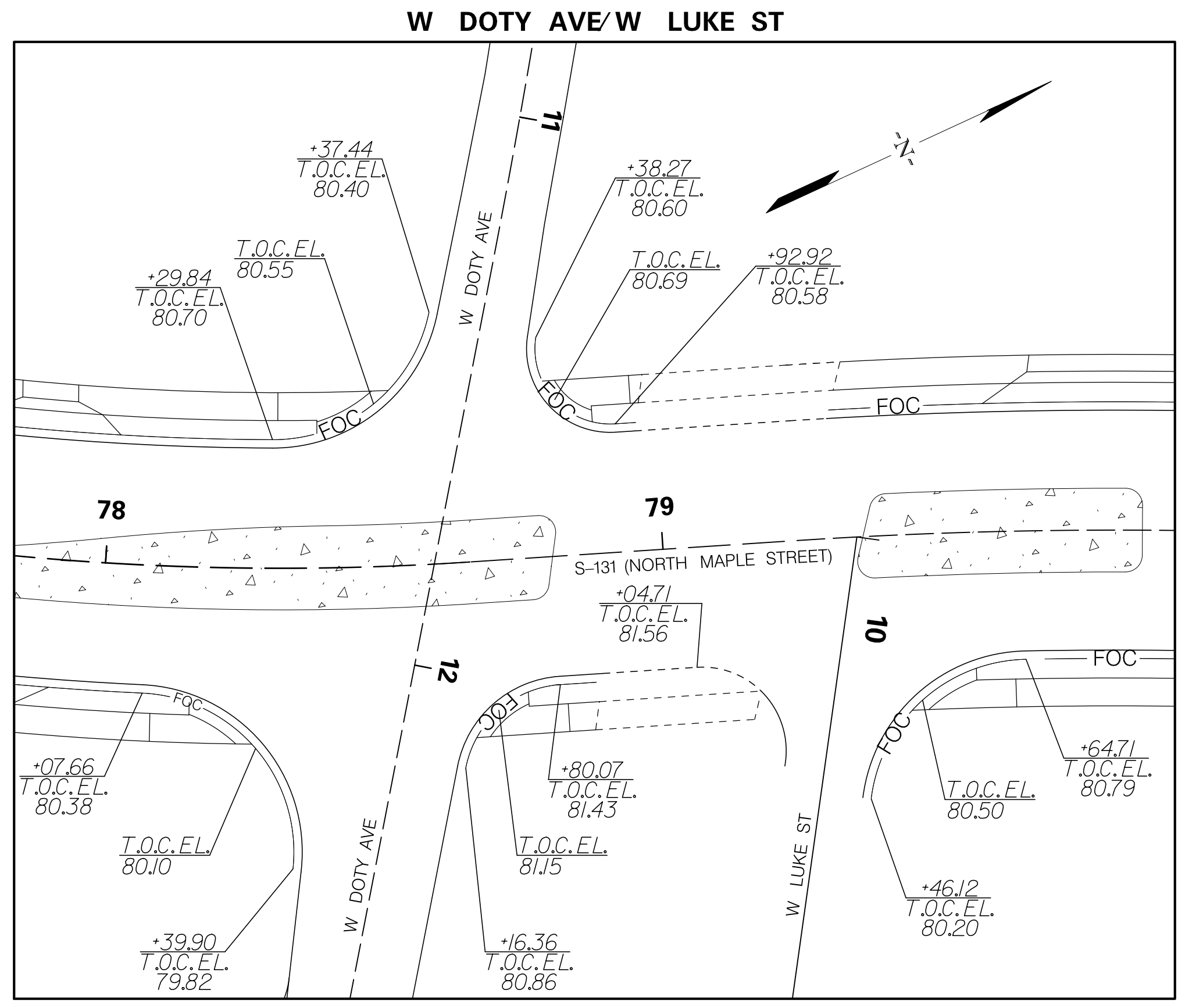
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RADIUS RETURN TOP OF CURB ELEVATIONS

SHEET 45 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	46



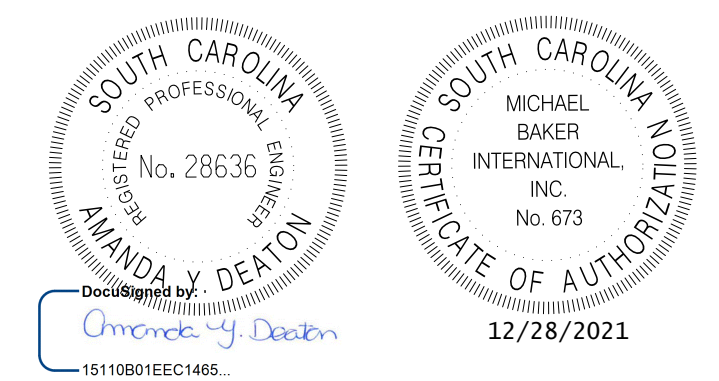
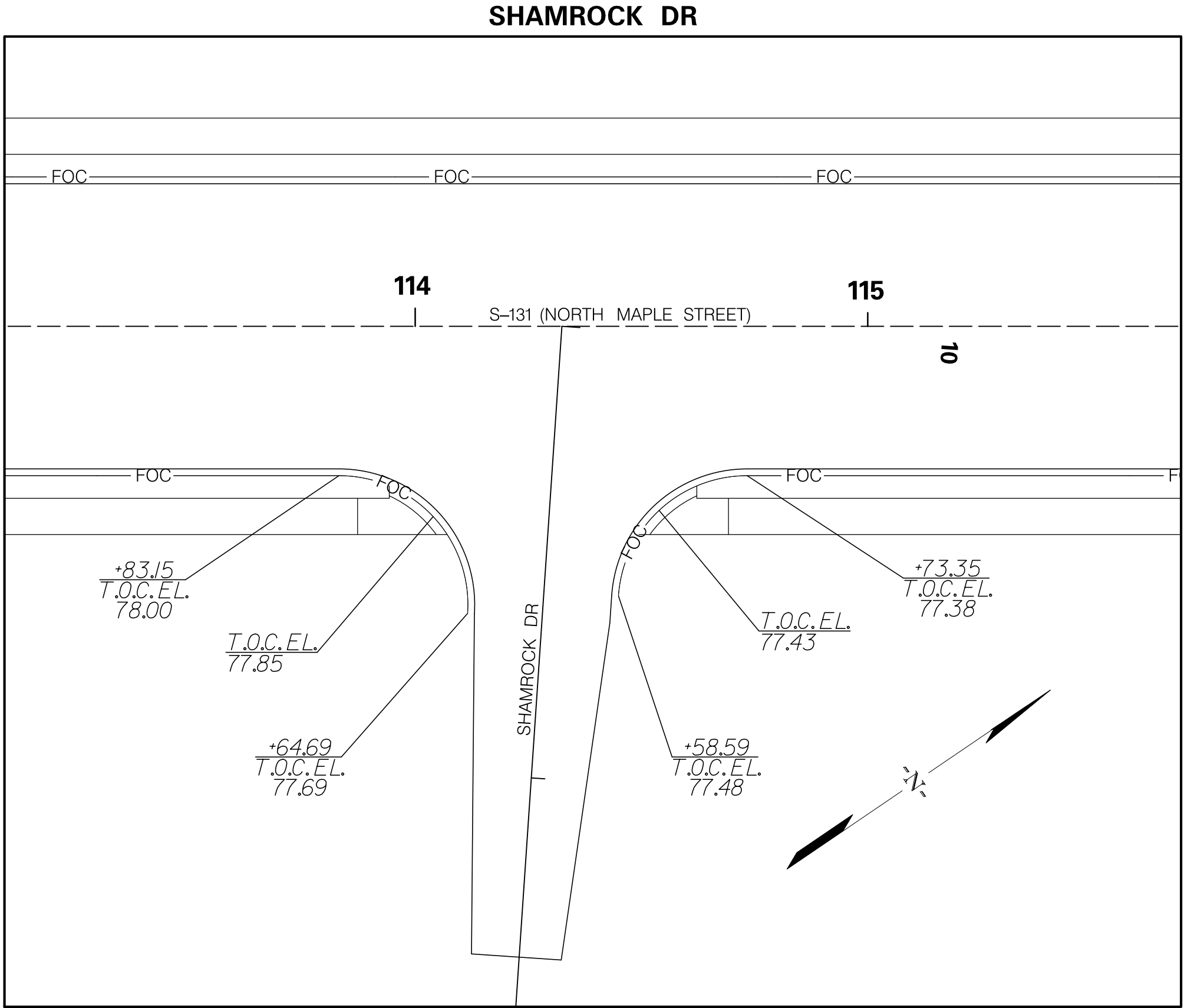
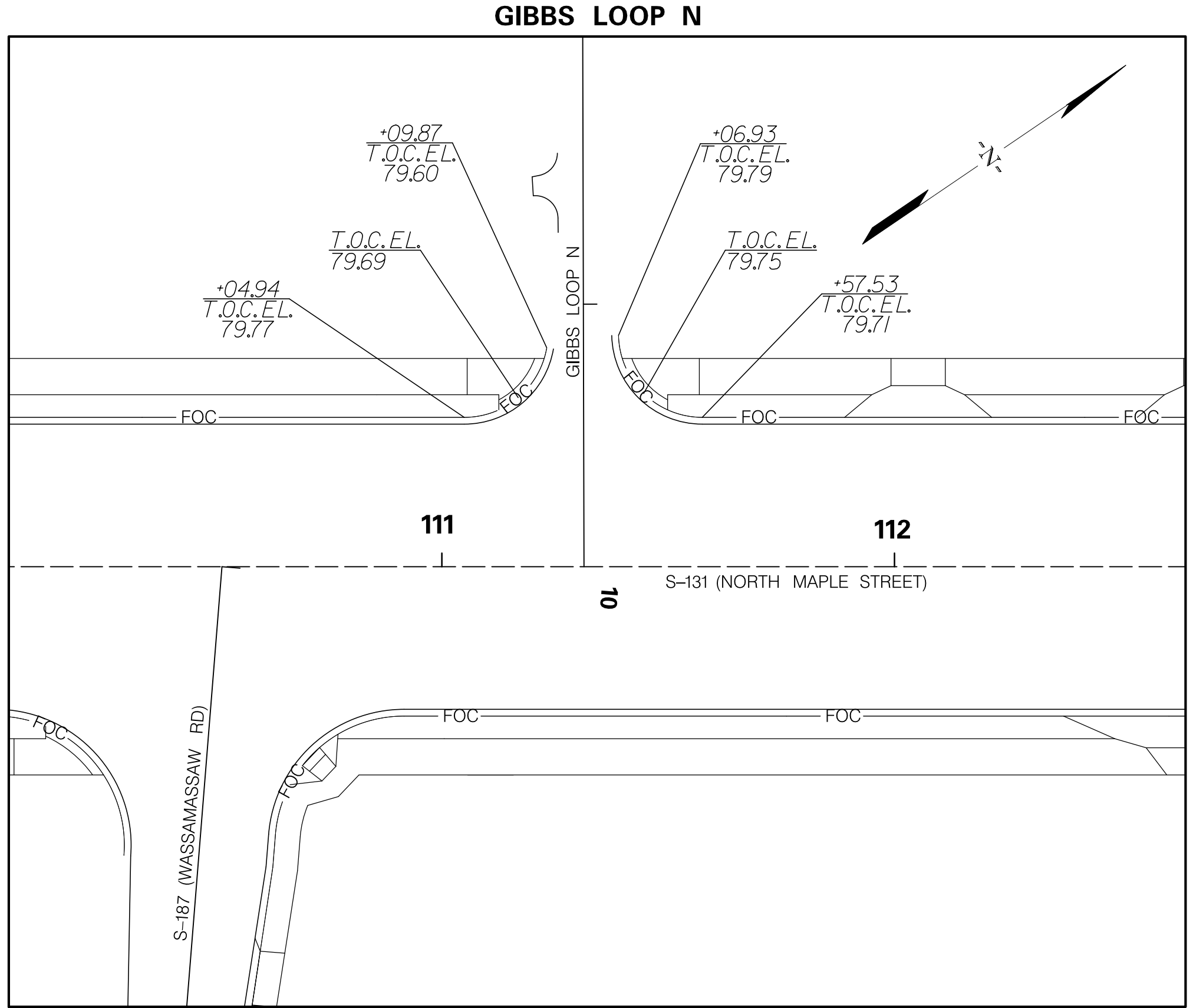
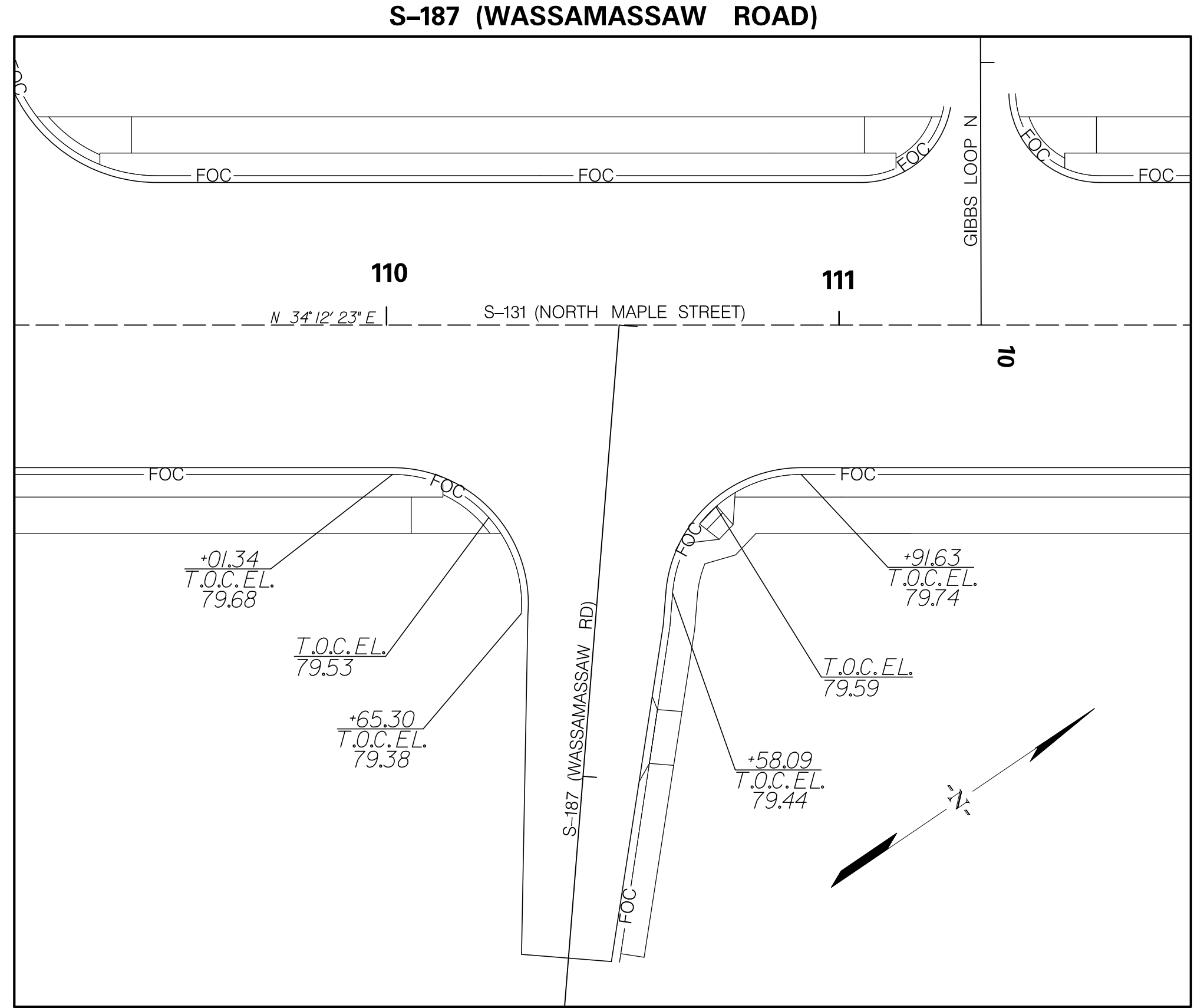
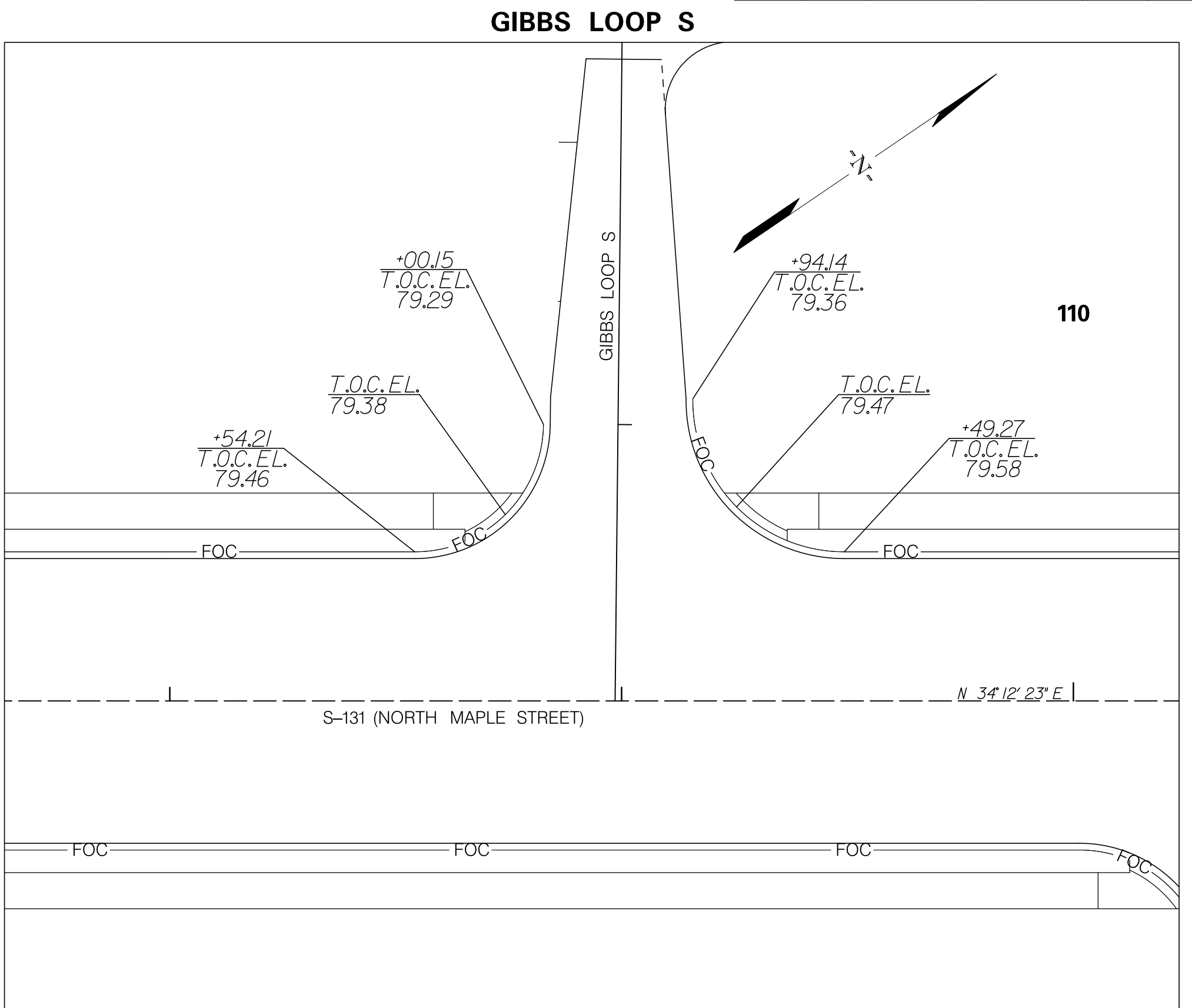
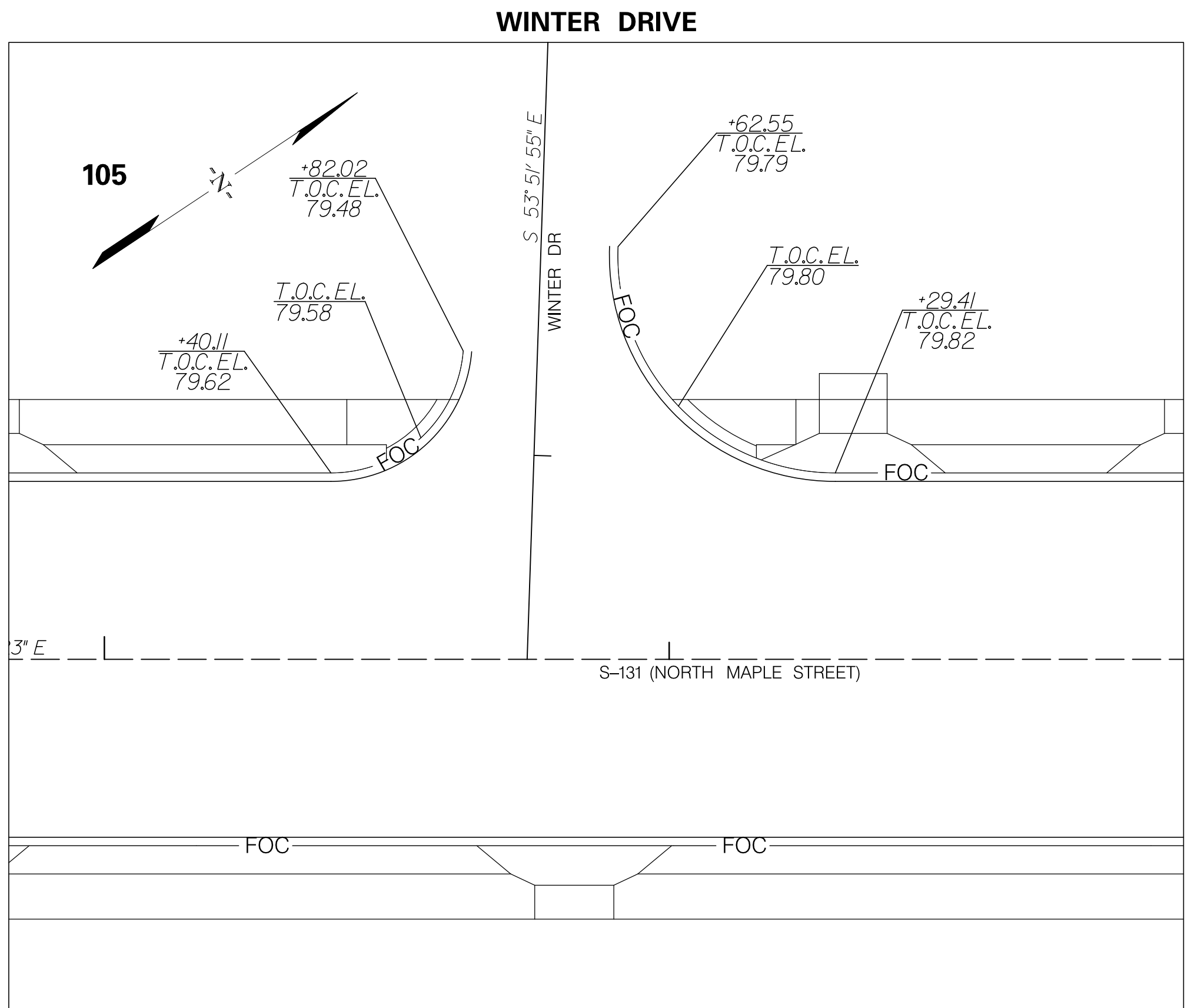
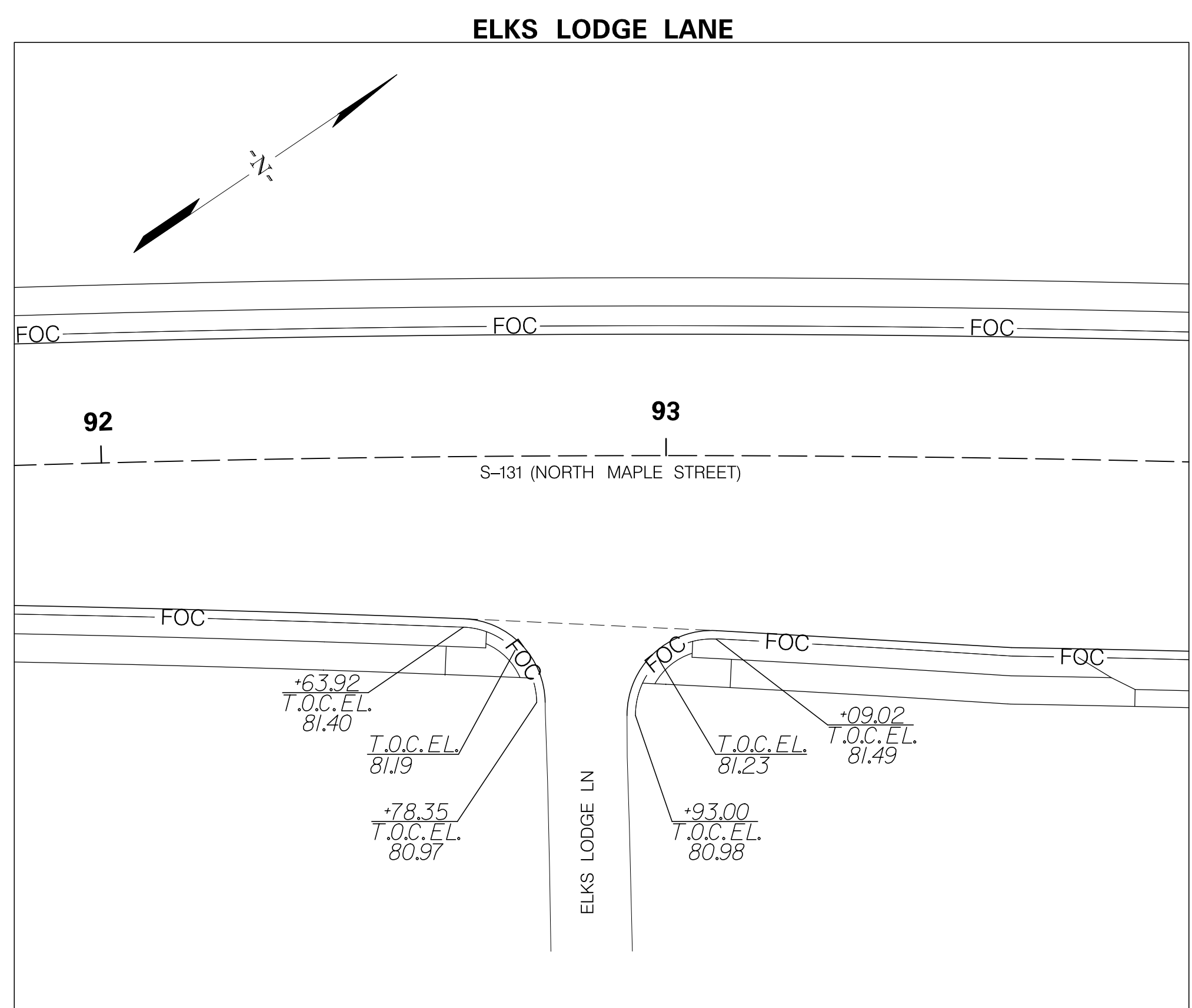
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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RADIUS RETURN TOP OF CURB ELEVATIONS

SHEET 46 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	47



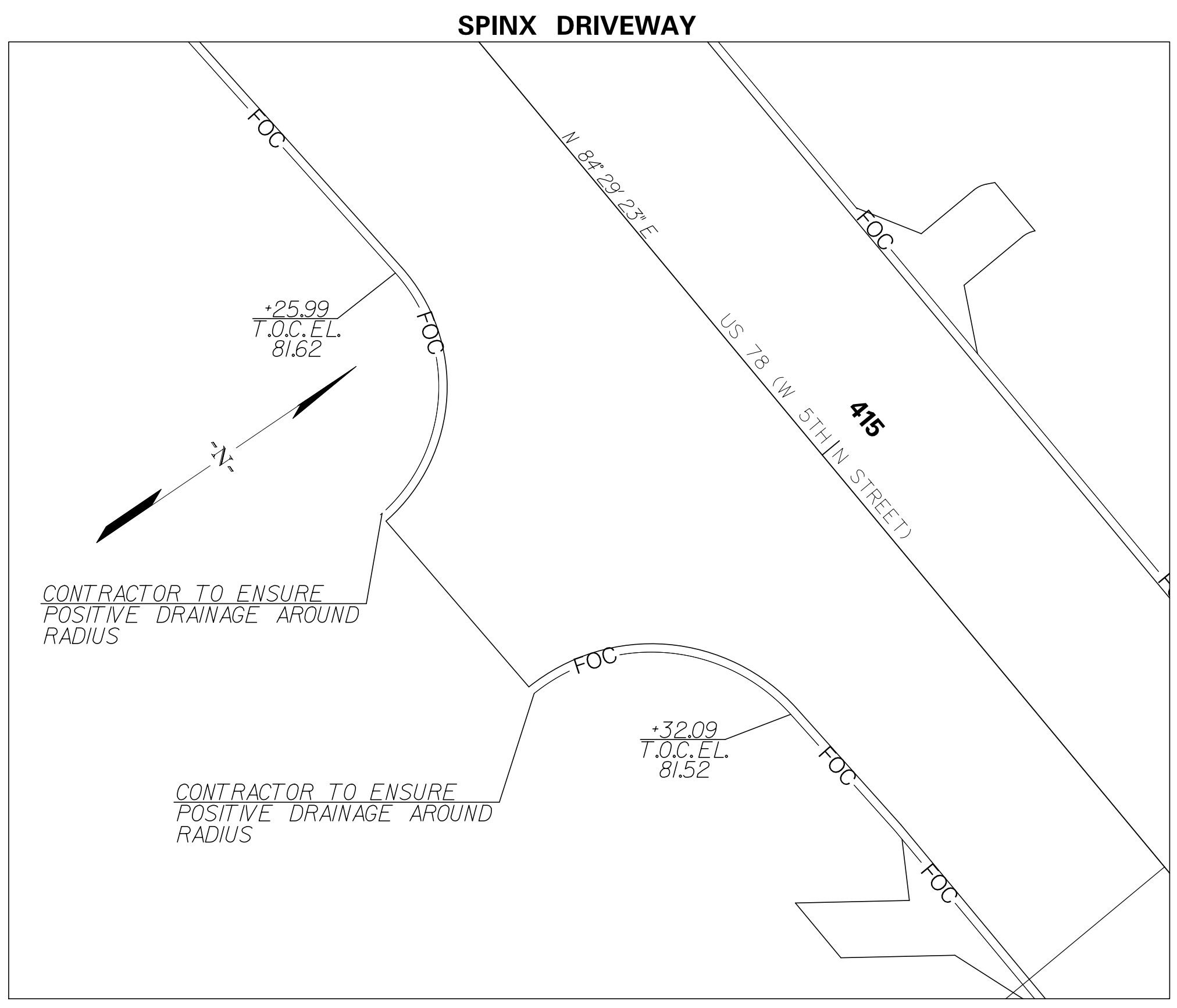
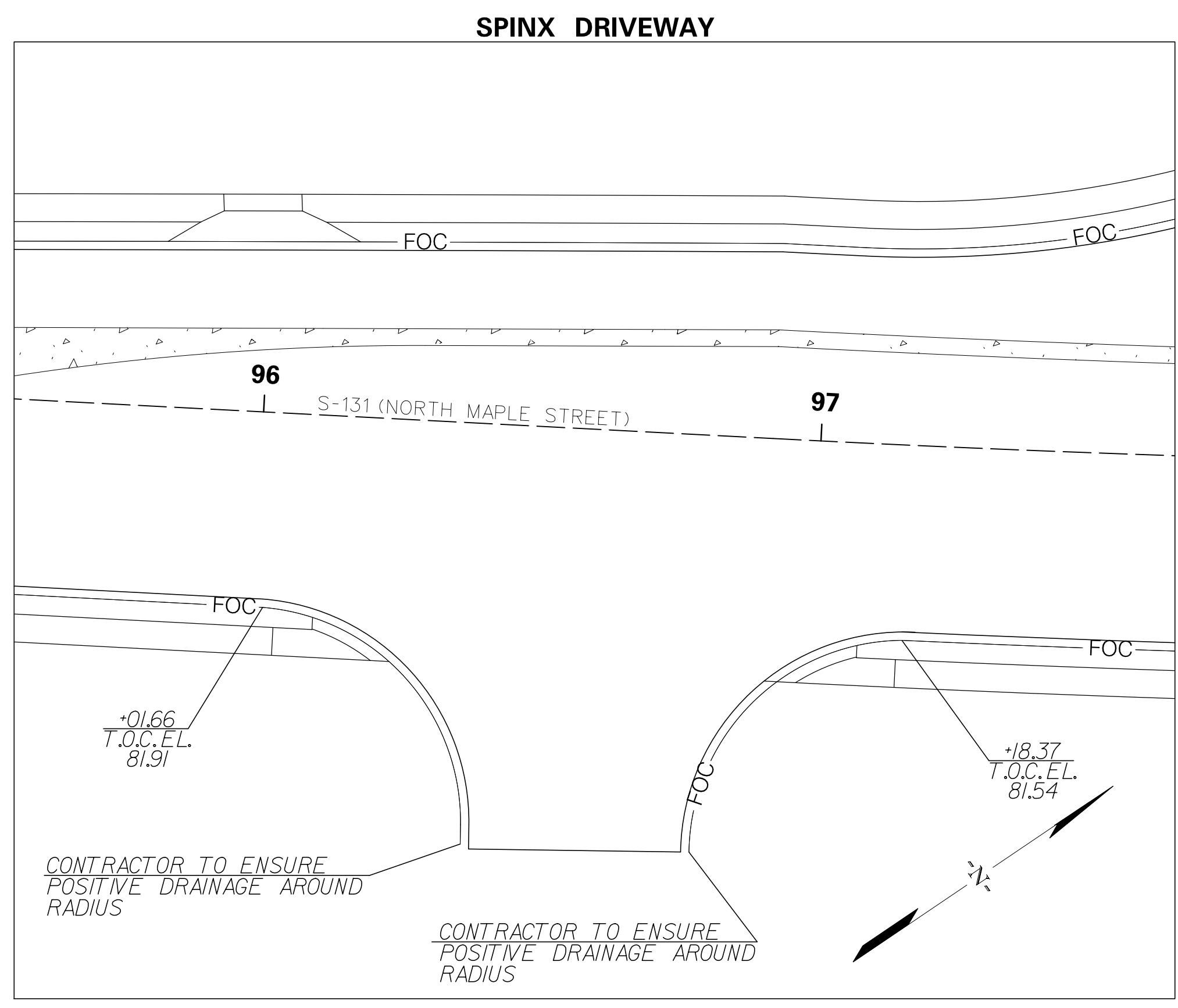
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TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RADIUS RETURN TOP OF CURB ELEVATIONS

SHEET 47 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	48

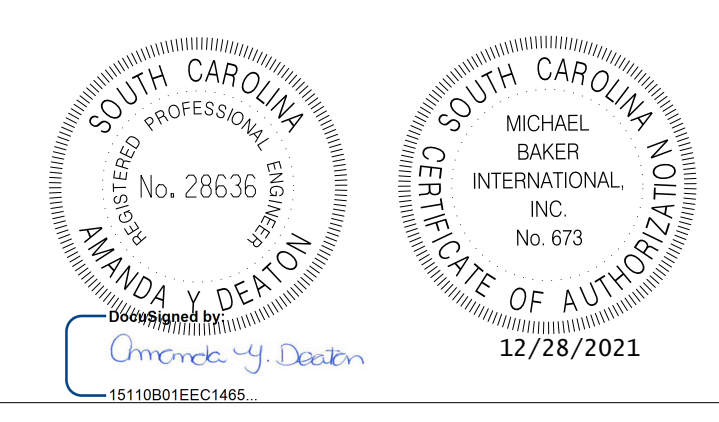


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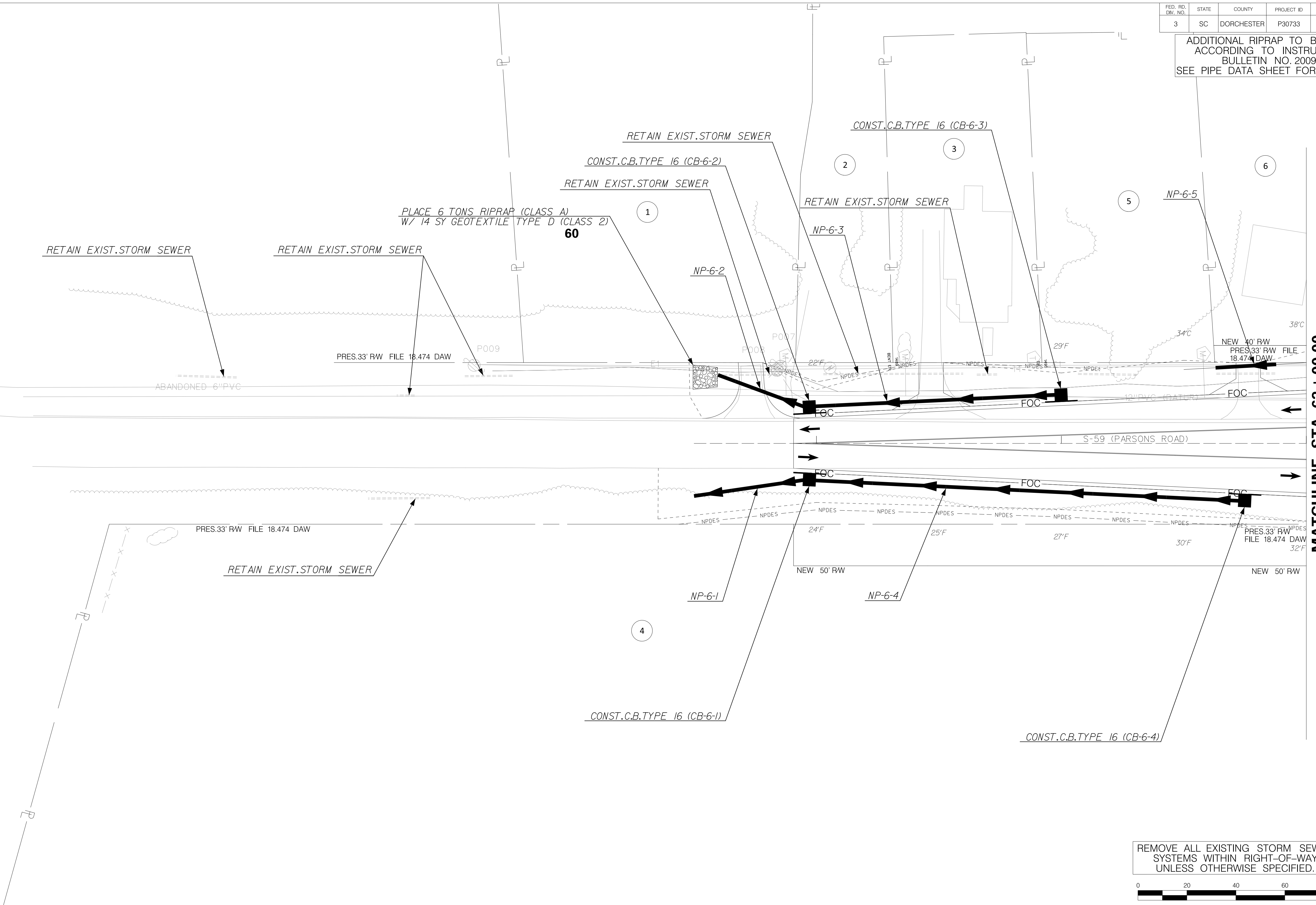
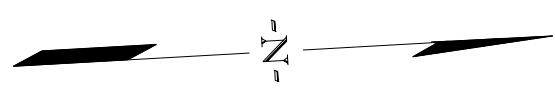
TOWN OF SUMMERVILLE

NORTH MAPLE STREET
RADIUS RETURN TOP OF CURB ELEVATIONS

SHEET 48 SCALE: 1" = 20'

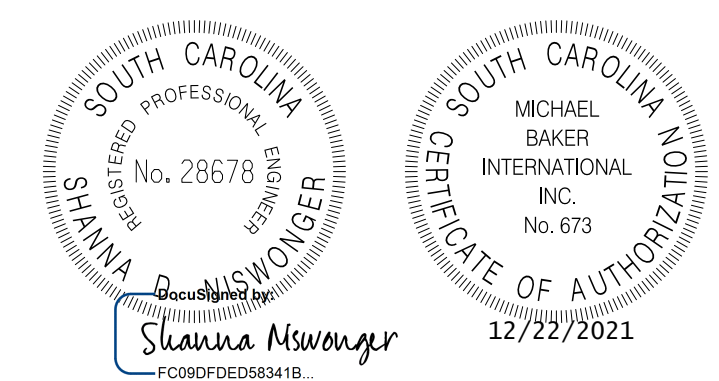
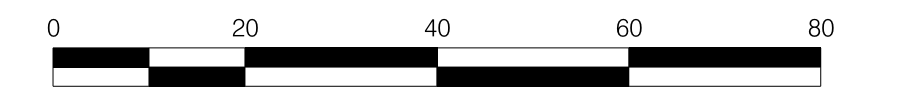
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D6

ADDITIONAL RIPRAP TO BE PLACED
ACCORDING TO INSTRUCTIONAL
BULLETIN NO. 2009-02
SEE PIPE DATA SHEET FOR LOCATIONS



MATCHLINE STA. 63 + 00.00
SEE SHEET D7

REMOVE ALL EXISTING STORM SEWER
SYSTEMS WITHIN RIGHT-OF-WAY
UNLESS OTHERWISE SPECIFIED.



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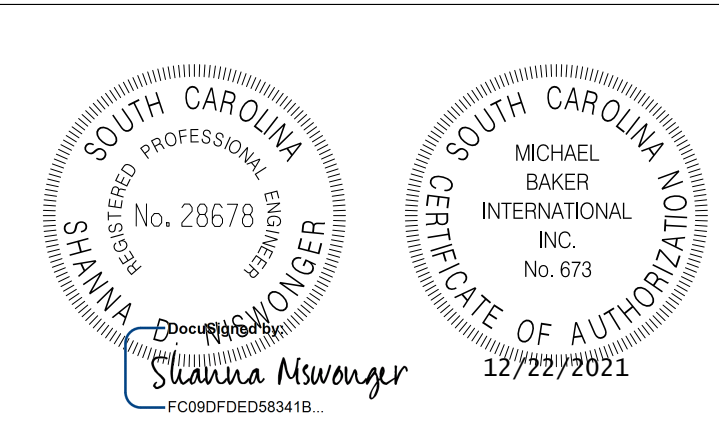
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 60 + 90.65 TO STA. 63 + 00.00

SHEET D6 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D6A

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes	
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Station	Link Invert (ft)	Node Description	Node Station	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage		Built ✓
	NP-6-1	18	1	46	0.20	CB-6-1	C.B. TYPE 16	60+97.25	75.80	OF-6-1	OUTLET PIPE	60+50.00	75.71	1.90	1.90	3	13	S		III		16ga		**RIPRAP**
	NP-6-2	18	1	38	0.30	CB-6-2	C.B. TYPE 16	60+97.22	75.93	OF-6-2	OUTLET PIPE	60+59.80	75.82	1.58	1.58	3	13	S		III		16ga		
	NP-6-3	18	1	99	0.30	CB-6-3	C.B. TYPE 16	62+00.00	76.23	CB-6-2	C.B. TYPE 16	60+97.22	75.93	1.58	1.77	3	13	S		III		16ga		
	NP-6-4	18	1	174	0.20	CB-6-4	C.B. TYPE 16	62+75.00	76.14	CB-6-1	C.B. TYPE 16	60+97.25	75.80	1.90	2.01	3	13	S		III		16ga		
	NP-6-5	14"x23"	1	25	0.24	-	-	62+88.00	77.11	-	-	62+63.00	77.05	0.50	0.50	3	13	NA		IV		NA		DRIVEWAY PIPE. ENSURE MINIMUM 0.5' COVER. **RIPRAP**
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																								



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TOWN OF SUMMERVILLE

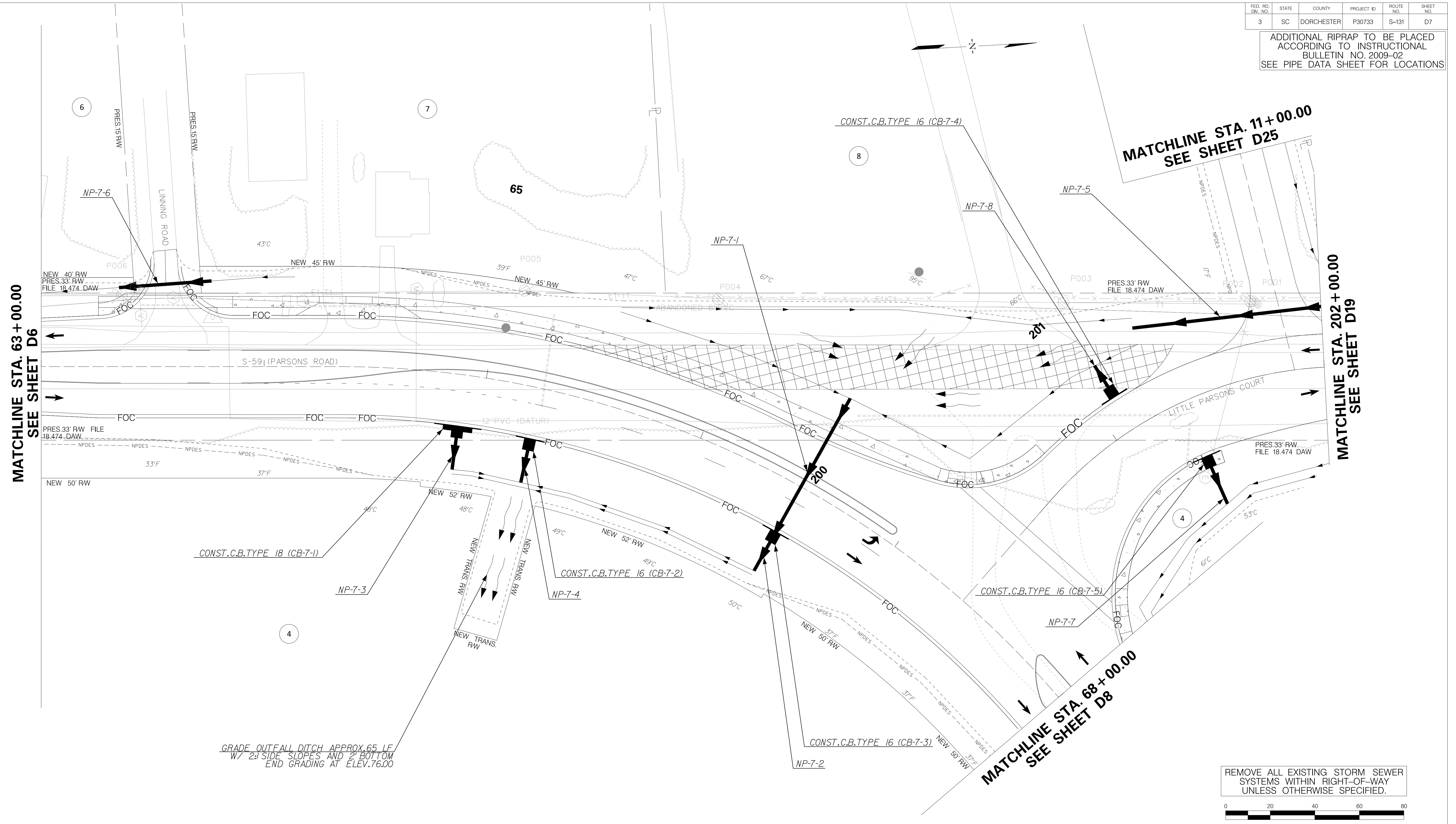
S-131 (NORTH MAPLE STREET)
PIPE DATA SHEET
STA. 60 + 90.65 TO STA. 63 + 00.00

SHEET D6A SCALE: 1" = 20'

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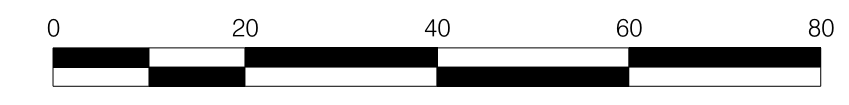
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D7

ADDITIONAL RIPRAP TO BE PLACED
ACCORDING TO INSTRUCTIONAL
BULLETIN NO. 2009-02
SEE PIPE DATA SHEET FOR LOCATIONS



GRADE OUTFALL DITCH APPROX. 65 LF
W/ 2:1 SIDE SLOPES AND 2' BOTTOM
END GRADING AT ELEV. 76.00

REMOVE ALL EXISTING STORM SEWER
SYSTEMS WITHIN RIGHT-OF-WAY
UNLESS OTHERWISE SPECIFIED.



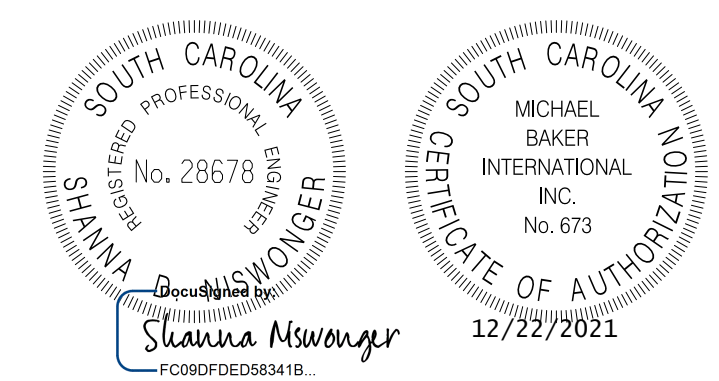
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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
DRAINAGE SHEET
STA. 63+00.00 TO STA. 68+00.00
STA. 200+00 TO STA. 202+00
SHEET D7 SCALE: 1" = 20'

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes	
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Station	Link Invert (ft)	Node Description	Node Station	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage		Built ✓
	NP-7-1	14"X23"	1	69	0.50	DN-7-1 DUMMY JOINT	66+50.00	66+50.00	76.50	CB-7-3 C.B. TYPE 16	66+50.00	66+50.00	76.15	1.20	1.30	2	13	NA		IV		NA		**RIPRAP**
	NP-7-2	18	1	15	0.33	CB-7-3 C.B. TYPE 16	66+50.00	66+50.00	76.15	OF-7-1 OUTLET PIPE	66+50.00	66+50.00	76.10	2.62	2.62	6	13	S		III		16ga		**RIPRAP**
	NP-7-3	18	1	15	0.68	CB-7-1 C.B. TYPE 18	64+90.12	64+90.12	76.20	OF-7-2 OUTLET PIPE	64+90.11	64+90.11	76.10	2.14	2.14	6	13	S		III		16ga		**RIPRAP**
	NP-7-4	18	1	15	0.33	CB-7-2 C.B. TYPE 16	65+25.00	65+25.00	76.13	OF-7-3 OUTLET PIPE	65+25.00	65+25.00	76.08	2.27	2.27	6	13	S		III		16ga		**RIPRAP**
	NP-7-5	14"X23"	1	88	0.24	-	202+02.62	202+02.62	77.55	-	201+28.71	201+28.71	77.34	1.20	1.20	6	13	NA		IV		NA		DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**
	NP-7-6	14"x23"	1	42	0.12	-	63+74.00	63+74.00	77.23	-	63+41.00	63+41.00	77.18	0.65	0.65	3	13	NA		IV		NA		DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**
	NP-7-7	18	1	18	0.38	CB-7-5 C.B. TYPE 16	201+33.75	201+33.75	77.30	OF-7-6 OUTLET PIPE	201+33.28	201+33.28	77.23	2.40	2.40	6	13	S		III		16ga		**RIPRAP**
	NP-7-8	18	1	12	0.26	CB-7-4 C.B. TYPE 16	201+09.62	201+09.62	77.30	OF-7-5 OUTLET PIPE	201+09.61	201+09.61	77.27	2.60	2.60	6	13	S		III		16ga		**RIPRAP**
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																								



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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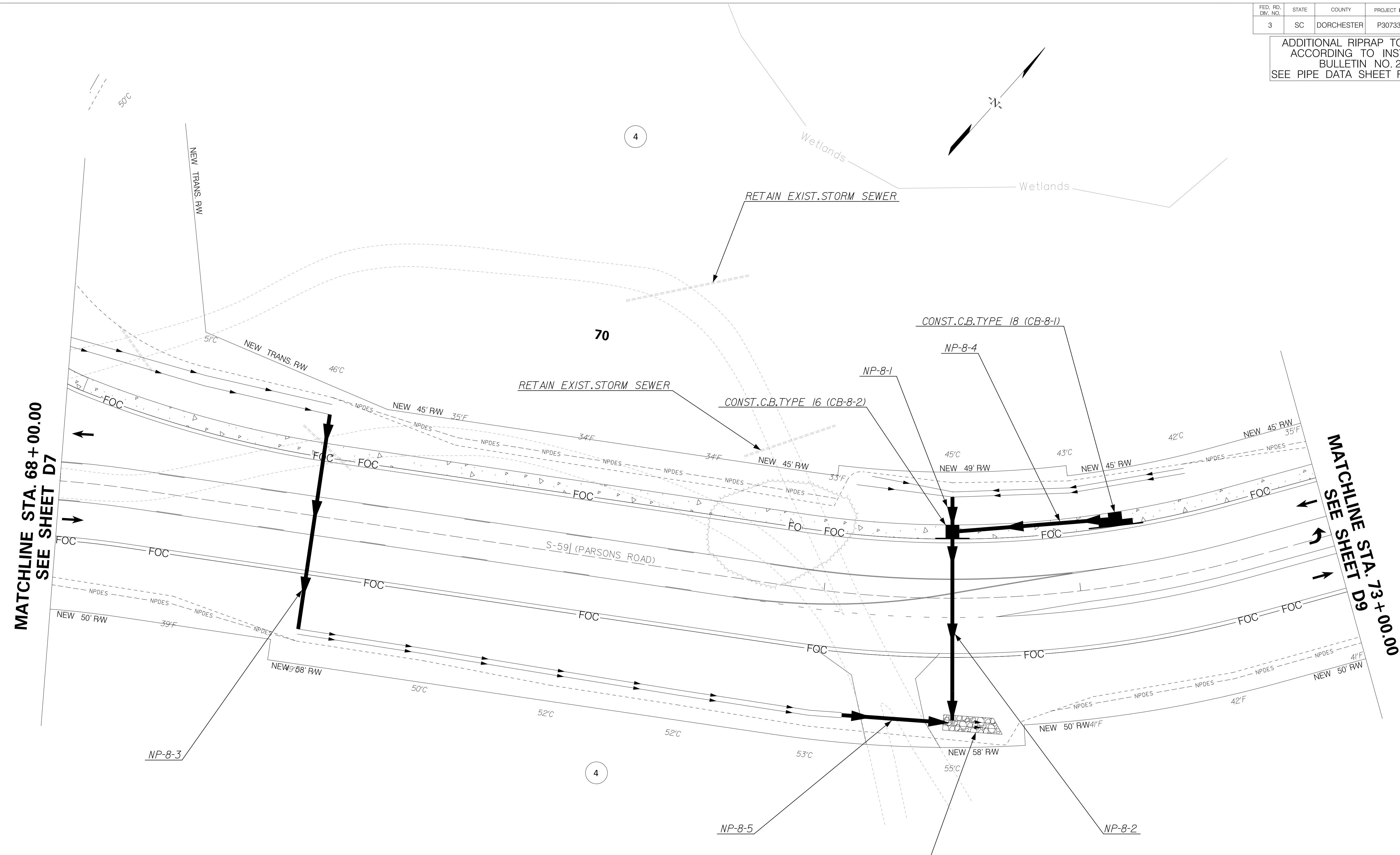
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
PIPE DATA SHEET
STA. 63+00.00 TO STA. 68+00.00
STA. 200+00 TO STA. 202+00

SHEET D7A SCALE: 1" = 20'

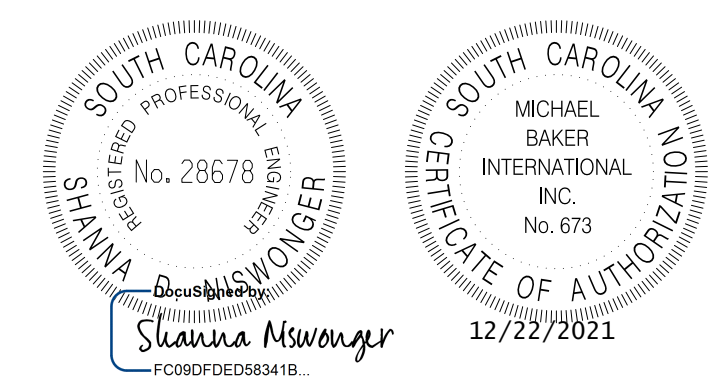
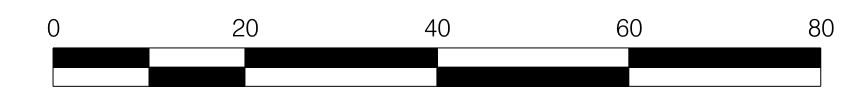
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D8

ADDITIONAL RIPRAP TO BE PLACED ACCORDING TO INSTRUCTIONAL BULLETIN NO. 2009-02
SEE PIPE DATA SHEET FOR LOCATIONS



PLACE 10 TONS RIPRAP (CLASS A)
W/ 22 SY GEOTEXTILE TYPE D (CLASS 2)

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.

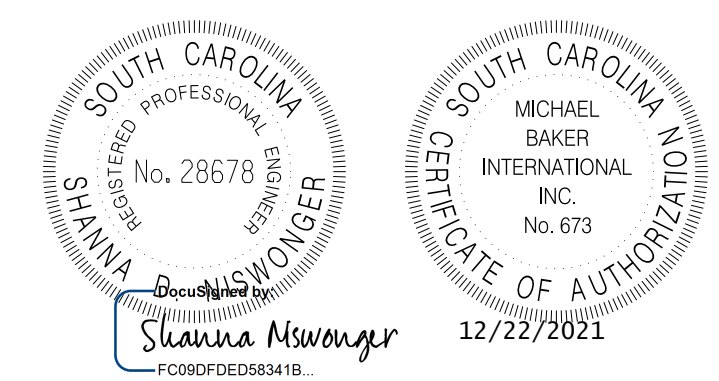


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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 68+00.00 TO STA. 73+00.00
SHEET D8 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D8A

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes	
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node	Node Description	Node Station	Link Invert (ft)	Node	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage		Built ✓
	NP-8-1	14"X23"	1	11	4.24	DN-8-1	DUMMY JOINT	71+50.00	76.70	CB-8-2	C.B. TYPE 16	71+50.00	76.22	3.27	3.27	3	13	NA		III		NA		**RIPRAP**
	NP-8-2	14"X23"	1	72	0.30	CB-8-2	C.B. TYPE 16	71+50.00	76.22	OF-8-1	OUTLET PIPE	71+50.00	76.00	1.50	1.60	3	13	NA		III		NA		
	NP-8-3	14"X23"	1	84	0.30	DN-8-2	DUMMY JOINT	69+00.00	77.00	OF-8-2	OUTLET PIPE	69+00.00	76.75	1.85	1.95	2	13	NA		III		NA		**RIPRAP**
	NP-8-4	14"X23"	1	59	0.37	CB-8-1	C.B. TYPE 18	72+17.53	76.44	CB-8-2	C.B. TYPE 16	71+50.00	76.22	2.21	2.21	3	13	NA		III		NA		
	NP-8-5	14"X23"	1	40	0.50	-	-	71+11.26	76.19	-	-	71+46.83	76.02	0.60	0.60	3	13	NA		IV		NA		DRIVEWAY PIPE. ENSURE MINIMUM 0.5' COVER. **RIPRAP**
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																								



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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PIPE DATA SHEET
STA. 68+00.00 TO STA. 73+00.00

SHEET D8A SCALE: 1" = 20'

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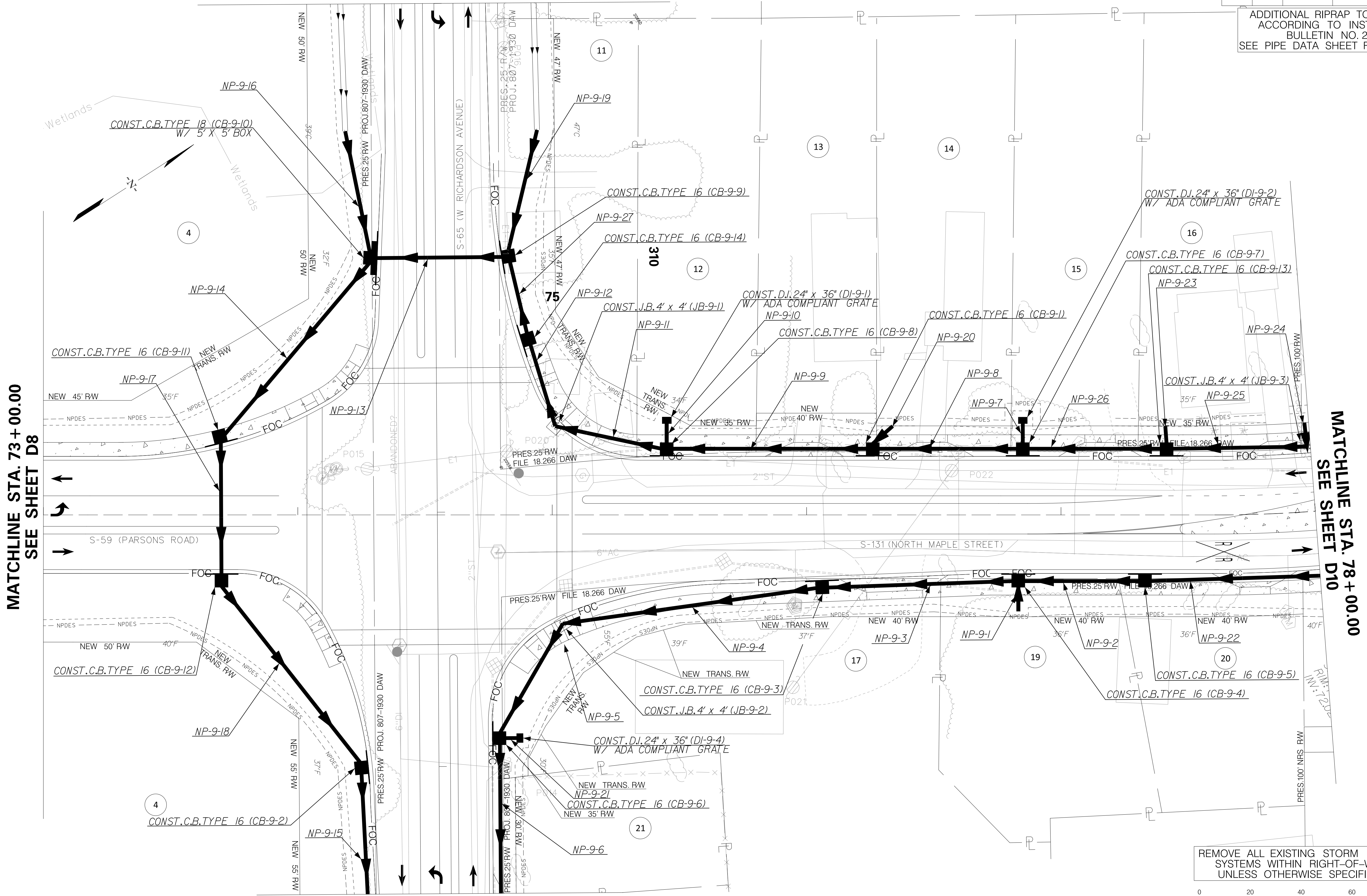
MATCHLINE STA. 309+00.00 SEE SHEET D20

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D9

ADDITIONAL RIPRAP TO BE PLACED ACCORDING TO INSTRUCTIONAL BULLETIN NO. 2009-02 SEE PIPE DATA SHEET FOR LOCATIONS

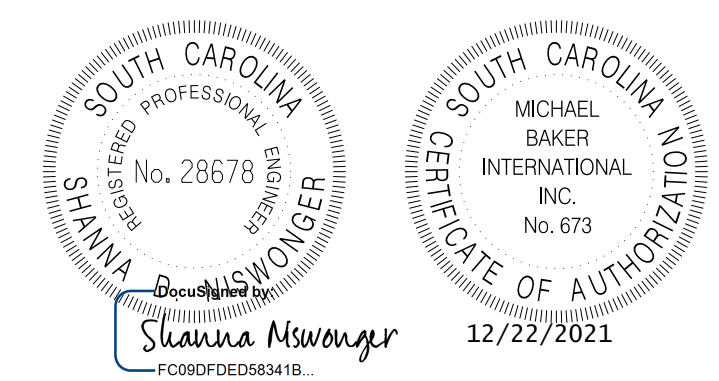
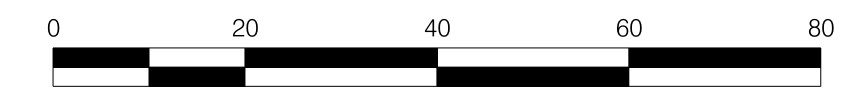
MATCHLINE STA. 73+00.00 SEE SHEET D8

MATCHLINE STA. 78+00.00 SEE SHEET D10



MATCHLINE STA. 312+50.00 SEE SHEET D21

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET) / S-65 (W RICHARDSON AVE) DRAINAGE SHEET

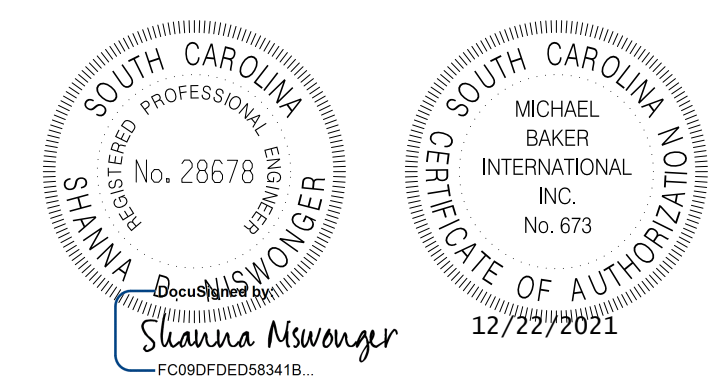
STA. 73+00.00 TO STA. 78+00.00
STA. 309+00 TO STA. 312+50.00

SHEET D9 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D9A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node	Node Description	Node Station	Link Invert (ft)	Node	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	
	NP-9-1	18	1	10	7.42	DN-9-1	DUMMY JOINT	76+83.20	77.00	CB-9-4	C.B. TYPE 16	76+83.20	76.27	1.70	1.70	5	13	S		III		16ga	**RIPRAP**
	NP-9-2	18	1	46	0.15	CB-9-5	C.B. TYPE 16	77+33.00	76.34	CB-9-4	C.B. TYPE 16	76+83.20	76.27	1.70	1.77	5	13	S		III		16ga	
	NP-9-3	18	1	73	0.16	CB-9-4	C.B. TYPE 16	76+83.20	76.27	CB-9-3	C.B. TYPE 16	76+06.04	76.15	1.70	2.00	5	13	S		III		16ga	
	NP-9-4	18	1	101	0.17	CB-9-3	C.B. TYPE 16	76+06.04	76.15	JB-9-2	JUNCT BOX	311+44.16	75.98	1.82	2.00	5	13	S		III		16ga	
	NP-9-5	18	1	50	0.16	JB-9-2	JUNCT BOX	311+44.16	75.98	CB-9-6	C.B. TYPE 16	311+89.00	75.90	1.82	1.90	5	13	S		III		16ga	
	NP-9-6	18	1	182	0.16	CB-9-6	C.B. TYPE 16	311+89.00	75.90	CB-21-5	C.B. TYPE 16	313+75.00	75.60	1.90	2.07	5	13	S		III		16ga	
	NP-9-7	18	1	8	0.49	DI-9-2	D.I. 24"X36"	76+84.98	76.50	CB-9-7	C.B. TYPE 16	76+84.98	76.46	0.50	1.50	5	13	S		III		16ga	
	NP-9-8	18	1	55	0.29	CB-9-7	C.B. TYPE 16	76+84.98	76.46	CB-9-1	C.B. TYPE 16	76+26.00	76.30	1.50	1.80	5	13	S		III		16ga	
	NP-9-9	18	1	77	0.19	CB-9-1	C.B. TYPE 16	76+26.00	76.30	CB-9-8	C.B. TYPE 16	75+45.00	76.15	1.80	2.20	5	13	S		III		16ga	
	NP-9-10	18	1	8	0.61	DI-9-1	D.I. 24"X36"	75+45.00	76.20	CB-9-8	C.B. TYPE 16	75+45.00	76.15	0.80	2.20	5	13	S		III		16ga	
	NP-9-11	18	1	43	0.16	CB-9-8	C.B. TYPE 16	75+45.00	76.15	JB-9-1	JUNCT BOX	310+66.52	76.08	1.52	2.20	5	13	S		III		16ga	
	NP-9-12	18	1	34	0.21	JB-9-1	JUNCT BOX	310+66.52	76.08	CB-9-14	C.B. TYPE 16	310+33.01	76.01	1.52	2.24	5	13	S		III		16ga	
	NP-9-13	18	1	51	0.20	CB-9-9	C.B. TYPE 16	310+00.00	75.95	CB-9-10	C.B. TYPE 18	310+00.00	75.85	0.68	0.78	8	13	NA		V		NA	
	NP-9-14	18	1	88	0.20	CB-9-10	C.B. TYPE 18	310+00.00	75.85	CB-9-11	C.B. TYPE 16	73+70.00	75.67	2.67	3.21	3	13	S		III		16ga	
	NP-9-15	18	1	146	0.20	CB-9-2	C.B. TYPE 16	312+00.00	75.38	CB-21-3	C.B. TYPE 16	313+50.00	75.09	2.37	2.64	3	13	S		III		16ga	
	NP-9-16	18	1	49	3.45	DN-9-2	DUMMY JOINT	309+50.00	77.53	CB-9-10	C.B. TYPE 18	310+00.00	75.85	2.67	2.67	8	13	S		III		16ga	**RIPRAP**
	NP-9-17	18	1	53	0.21	CB-9-11	C.B. TYPE 16	73+70.00	75.67	CB-9-12	C.B. TYPE 16	73+70.00	75.56	1.36	1.46	3	13	S		IV		16ga	
	NP-9-18	18	1	88	0.20	CB-9-12	C.B. TYPE 16	73+70.00	75.56	CB-9-2	C.B. TYPE 16	312+00.00	75.38	2.37	3.75	3	13	S		III		16ga	
	NP-9-19	18	1	49	1.27	DN-9-3	DUMMY JOINT	309+50.00	76.57	CB-9-9	C.B. TYPE 16	310+00.00	75.95	2.43	2.43	8	13	S		III		16ga	**RIPRAP**
	NP-9-20	18	1	10	5.75	DN-9-4	DUMMY JOINT	76+33.83	77.20	CB-9-1	C.B. TYPE 16	76+26.00	76.60	1.80	1.80	5	13	S		III		16ga	
	NP-9-21	18	1	5	2.05	DI-9-4	D.I. 24"X36"	311+89.00	76.00	CB-9-6	C.B. TYPE 16	311+89.00	75.90	0.80	1.90	5	13	S		III		16ga	
	NP-9-22	18	1	96	0.17	JB-10-1	JUNCT BOX	78+27.98	76.50	CB-9-5	C.B. TYPE 16	77+33.00	76.34	1.77	2.66	5	13	S		III		16ga	
	NP-9-23	18	1	7	7.87	DN-9-5	DUMMY JOINT	77+41.00	77.20	CB-9-13	C.B. TYPE 16	77+41.50	76.66	1.50	1.50	5	13	S		III		16ga	**RIPRAP**
	NP-9-24	18	1	9	2.13	DN-9-6	DUMMY JOINT	77+98.21	77.70	JB-9-3	JUNCT BOX	77+98.59	77.50	1.74	1.74	5	13	S		III		16ga	**RIPRAP**
	NP-9-25	18	1	53	0.64	JB-9-3	JUNCT BOX	77+98.59	77.00	CB-9-13	C.B. TYPE 16	77+41.50	76.66	1.50	1.74	5	13	S		III		16ga	
	NP-9-26	18	1	53	0.38	CB-9-13	C.B. TYPE 16	77+41.50	76.66	CB-9-7	C.B. TYPE 16	76+84.98	76.46	1.50	1.50	5	13	S		III		16ga	
	NP-9-27	18	1	29	0.20	CB-9-14	C.B. TYPE 16	310+33.01	76.01	CB-9-9	C.B. TYPE 16	310+00.00	75.95	2.24	2.43	8	13	S		III		16ga	

****RIPRAP**: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.**



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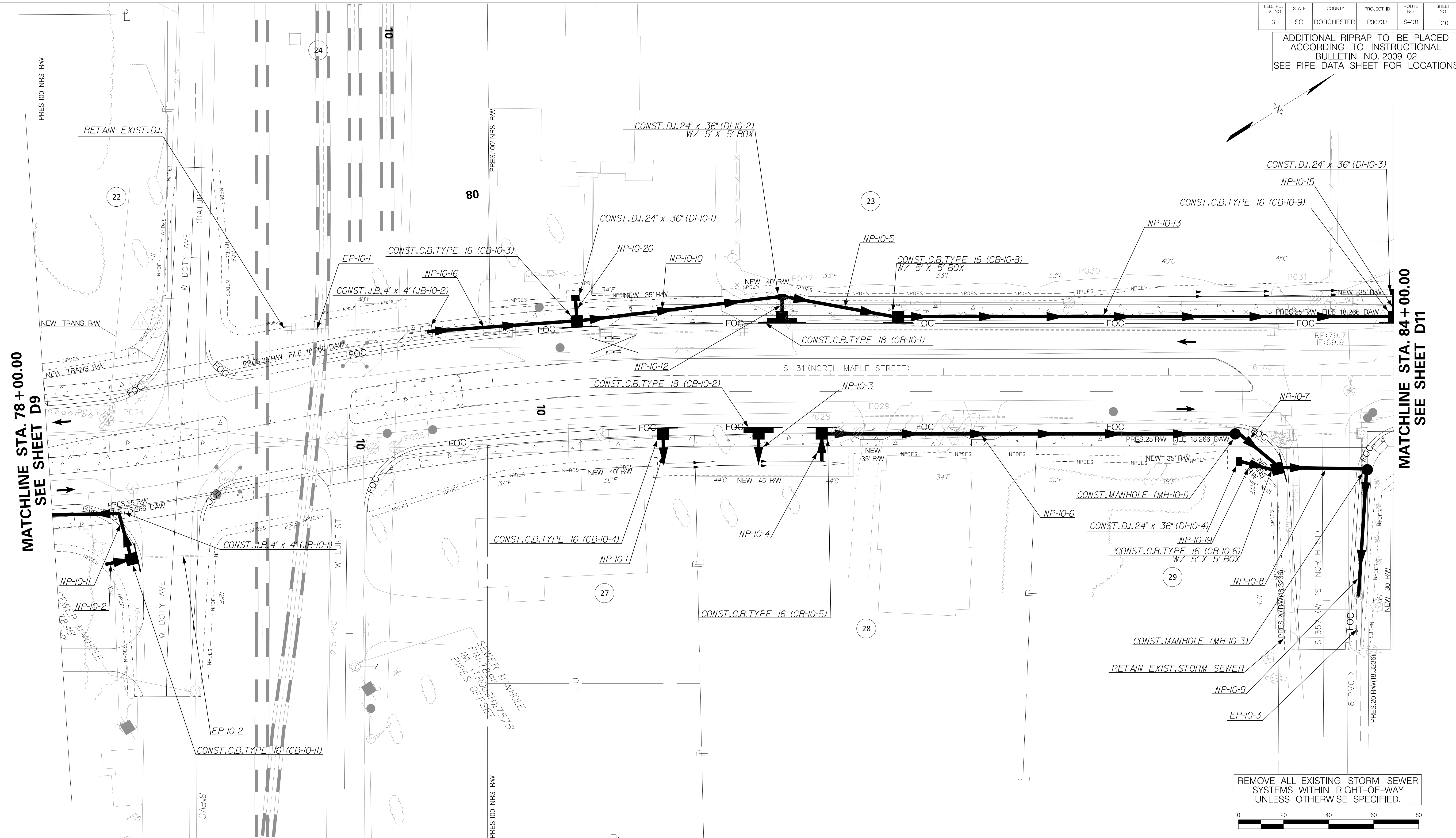
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET) /
S-65 (W RICHARDSON AVE)
PIPE DATA SHEET
STA. 73+00.00 TO STA. 78+00.00
STA. 309+00 TO STA. 312+50.00

SHEET D9A SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D10

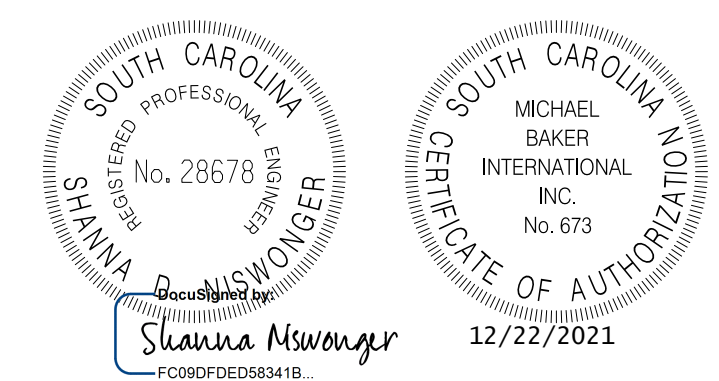
ADDITIONAL RIPRAP TO BE PLACED ACCORDING TO INSTRUCTIONAL BULLETIN NO. 2009-02
SEE PIPE DATA SHEET FOR LOCATIONS



MATCHLINE STA. 78+00.00
SEE SHEET D9

MATCHLINE STA. 84+00.00
SEE SHEET D11

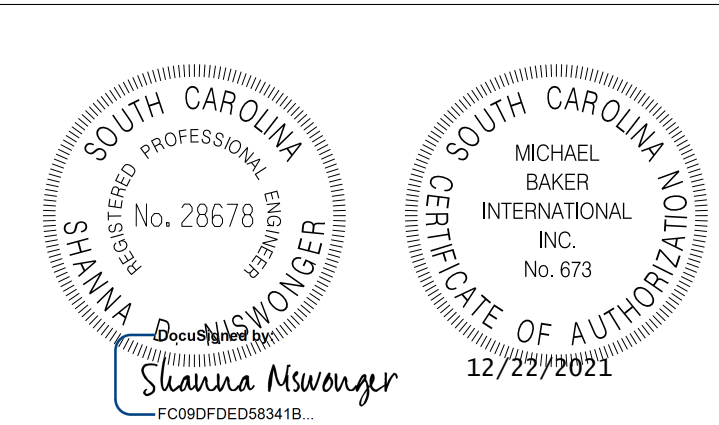
REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 78+00.00 TO STA. 84+00.00
SHEET D10
SCALE: 1" = 20'

Smooth Wall Pipe																									
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options						Notes	
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node	Node Description	Node Station	Link Invert (ft)	Node	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built	RCP Highest Class	Built	SRAP Thickest Gage			
	NP-10-1	14"X23"	1	11	0.37	CB-10-4	C.B. TYPE 16	80+75.00	76.94	OF-10-2	OUTLET PIPE	80+75.00	76.90	1.45	1.45	5	13	NA		III		NA		**RIPRAP**	
	NP-10-2	18	1	10	7.90	DN-10-2	DUMMY JOINT	78+20.00	77.30	CB-10-11	C.B. TYPE 16	78+33.39	76.53	2.71	2.71	5	13	S		III		16ga		**RIPRAP**	
	NP-10-3	14"X23"	1	10	0.30	CB-10-2	C.B. TYPE 18	81+17.98	76.83	OF-10-3	OUTLET PIPE	81+17.98	76.80	1.46	1.46	5	13	NA		III		NA		**RIPRAP**	
	NP-10-4	18	1	10	4.41	DN-10-3	DUMMY JOINT	81+46.00	76.75	CB-10-5	C.B. TYPE 16	81+46.00	76.30	1.70	1.70	5	13	S		III		16ga		**RIPRAP**	
	NP-10-5	19"x30"	1	49	0.23	DI-10-2	D.I. 24"X36"	81+28.42	75.75	CB-10-8	C.B. TYPE 16	81+80.00	75.64	1.67	2.33	5	13	NA		III		NA			
	NP-10-6	18	1	180	0.38	CB-10-5	C.B. TYPE 16	81+46.00	76.30	MH-10-1	M.H.	83+29.54	75.62	1.70	2.95	4	13	S		III		16ga			
	NP-10-7	18	1	21	0.38	MH-10-1	M.H.	83+29.54	75.62	CB-10-6	C.B. TYPE 16	83+51.02	75.54	2.95	3.10	4	13	S		III		16ga			
	NP-10-8	18	1	36	0.25	CB-10-6	C.B. TYPE 16	83+51.02	75.54	MH-10-3	M.H.	83+88.18	75.45	0.81	0.91	4	13	NA		V		NA			
	NP-10-9	18	1	54	0.09	MH-10-3	M.H.	83+88.18	75.45	EXCB-10-1	ECB	10+97.92	75.40	2.19	3.31	4	13	S		III		16ga		TIE TO EXIST. M.H. AND RETAIN DOWNSTREAM SYSTEM	
	NP-10-10	18	1	88	0.34	CB-10-3	C.B. TYPE 16	80+39.00	76.05	DI-10-2	D.I. 24"X36"	81+28.42	75.75	1.75	2.30	5	13	S		III		16ga			
	NP-10-11	18	1	19	0.16	CB-10-11	C.B. TYPE 16	78+33.39	76.53	JB-10-1	JUNCT BOX	78+27.98	76.50	2.66	2.71	5	13	S		III		16ga			
	NP-10-12	14"X23"	1	6	0.50	CB-10-1	C.B. TYPE 18	81+28.42	75.78	DI-10-2	D.I. 24"X36"	81+28.42	75.75	2.08	2.48	5	13	NA		III		NA			
	NP-10-13	24	1	216	0.24	CB-10-8	C.B. TYPE 16	81+80.00	75.64	CB-10-9	C.B. TYPE 16	84+00.00	75.12	1.91	3.16	4	13	S		III		16ga			
	NP-10-15	18	1	8	4.77	DI-10-3	D.I. 24"X36"	84+00.00	76.00	CB-10-9	C.B. TYPE 16	84+00.00	75.62	1.25	3.66	4	13	S		III		16ga			
	NP-10-16	18	1	65	0.46	JB-10-2	JUNCT BOX	79+74.08	76.35	CB-10-3	C.B. TYPE 16	80+39.00	76.05	2.30	2.59	5	13	S		III		16ga			
	NP-10-19	18	1	14	0.70	DI-10-4	D.I. 24"X36"	83+30.00	75.64	CB-10-6	C.B. TYPE 16	83+51.02	75.54	1.16	3.10	4	13	S		III		16ga			
	NP-10-20	18	1	7	0.70	DI-10-1	D.I. 24"X36"	80+39.00	76.35	CB-10-3	C.B. TYPE 16	80+39.00	76.30	1.15	2.30	5	13	S		III		16ga			
	EP-10-1	18	1	61	0.25	EXDI-10-1	EX. D.I.	79+18.72	76.50	JB-10-2	JUNCT BOX	79+74.08	76.35	-	-	-	-	-		-		-		RETAIN 61 LF OF PIPE. TIE TO CB-10-3. FIELD VERIFY INVERTS	
	EP-10-2	18	1	36	2.83	-	-	-	77.54	CB-10-1	C.B. TYPE 16	78+33.39	76.53	-	-	-	-	-		-		-		RETAIN EXIST. PIPE. TIE TO CB-10-1. FIELD VERIFY INVERTS	
	EP-10-3	18	1	61	0.16	EXCB-10-1	ECB	10+97.92	75.40	-	-	-	75.30	-	-	-	-	-		-		-		RETAIN EXIST. PIPE. FIELD VERIFY INVERTS.	
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																									



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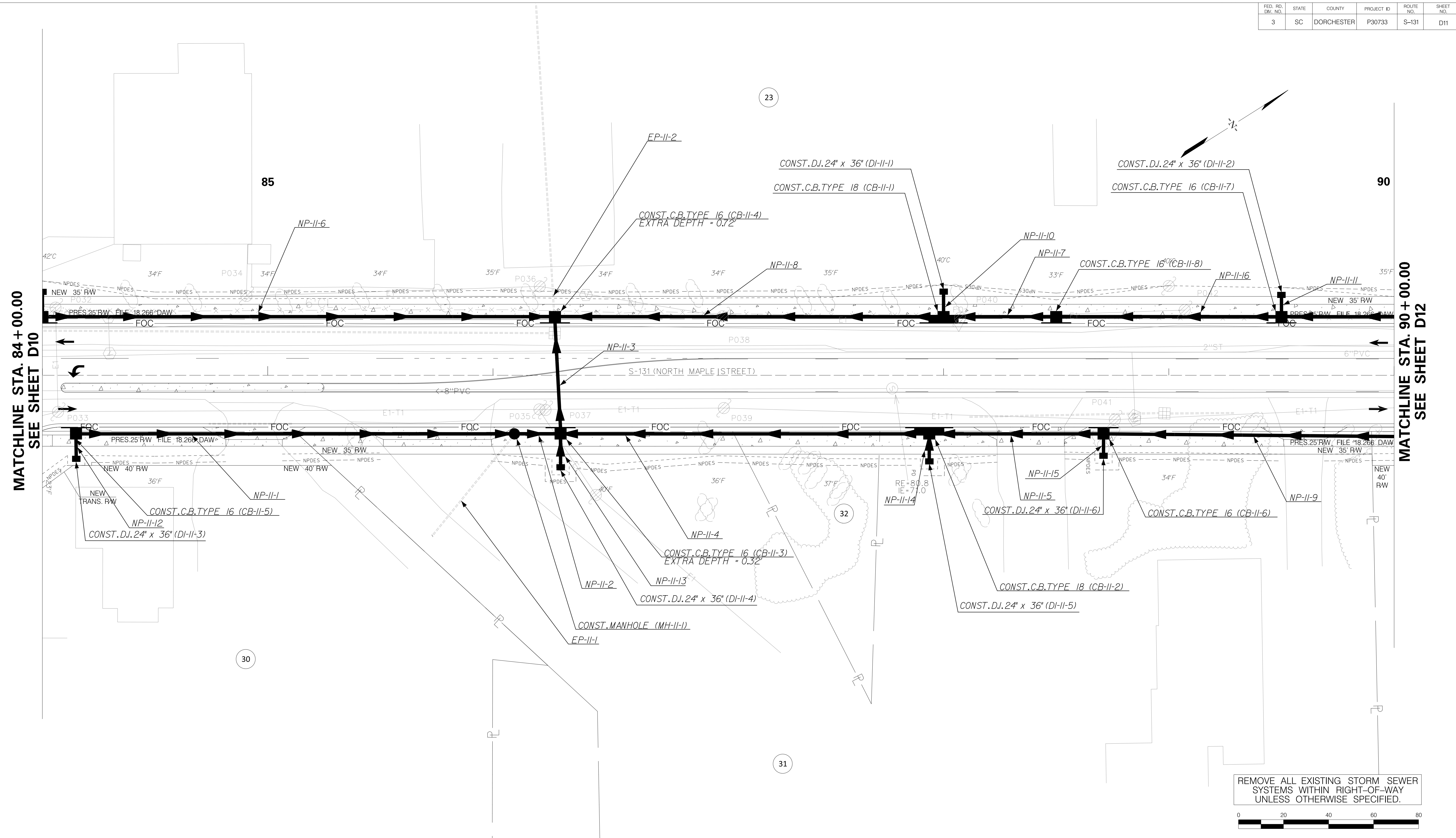
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PIPE DATA SHEET
STA. 78+00.00 TO STA. 84+00.00

SHEET D10A SCALE: 1" = 20'

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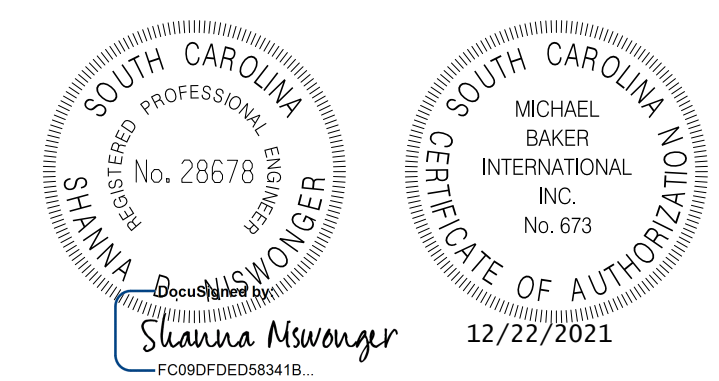
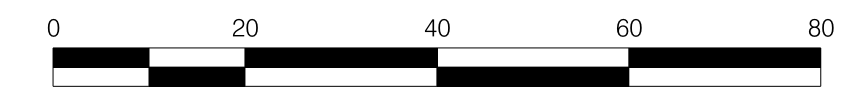
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D11



MATCHLINE STA. 84+00.00
SEE SHEET D10

MATCHLINE STA. 90+00.00
SEE SHEET D12

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 84+00.00 TO STA. 90+00.00

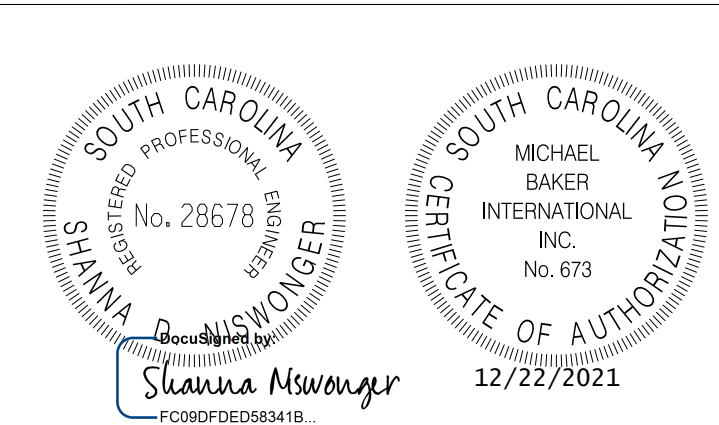
SHEET D11

SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D11A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Station	Link Invert (ft)	Node Description	Node Station	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built	RCP Highest Class	Built	SRAP Thickest Gage	
	NP-11-1	18	1	191	0.30	CB-11-5	C.B. TYPE 16	84+14.90	76.35	MH-11-1	M.H.	86+09.50	75.78	2.50	4.46	5	13	S		III		16ga	
	NP-11-2	24	1	17	1.68	MH-11-1	M.H.	86+09.50	75.28	CB-11-3	C.B. TYPE 16	86+30.00	75.00	3.96	4.32	5	13	S		III		16ga	
	NP-11-3	36	1	48	0.83	CB-11-3	C.B. TYPE 16	86+30.00	75.00	CB-11-4	C.B. TYPE 16	86+27.50	74.60	1.59	1.69	5	13	S		III		16ga	
	NP-11-4	24	1	160	0.35	CB-11-2	C.B. TYPE 18	87+93.65	75.57	CB-11-3	C.B. TYPE 16	86+30.00	75.00	3.61	4.32	8	13	S		III		16ga	
	NP-11-5	18	1	73	0.31	CB-11-6	C.B. TYPE 16	88+71.02	75.79	CB-11-2	C.B. TYPE 18	87+93.65	75.57	4.01	4.11	8	13	S		III		16ga	
	NP-11-6	24	1	224	0.23	CB-10-9	C.B. TYPE 16	84+00.00	75.12	CB-11-4	C.B. TYPE 16	86+27.50	74.60	3.16	4.72	5	13	S		III		16ga	
	NP-11-7	18	1	46	0.39	CB-11-8	C.B. TYPE 16	88+50.00	75.44	CB-11-1	C.B. TYPE 18	88+00.00	75.26	4.28	4.39	8	13	S		III		16ga	
	NP-11-8	24	1	169	0.39	CB-11-1	C.B. TYPE 18	88+00.00	75.26	CB-11-4	C.B. TYPE 16	86+27.50	74.60	3.89	4.72	8	13	S		III		16ga	
	NP-11-9	18	1	300	0.34	CB-12-3	C.B. TYPE 16	91+75.00	76.81	CB-11-6	C.B. TYPE 16	88+71.02	75.79	3.15	4.01	6	13	S		III		16ga	
	NP-11-10	18	1	8	2.97	DI-11-1	D.I. 24"X36"	88+00.00	75.50	CB-11-1	C.B. TYPE 18	88+00.00	75.26	2.64	4.39	8	13	S		III		16ga	
	NP-11-11	18	1	7	4.19	DI-11-2	D.I. 24"X36"	89+50.00	76.10	CB-11-7	C.B. TYPE 16	89+50.00	75.82	3.01	4.20	5	13	S		III		16ga	
	NP-11-12	18	1	8	1.86	DI-11-3	D.I. 24"X36"	84+15.00	76.50	CB-11-5	C.B. TYPE 16	84+14.90	76.35	0.90	2.50	4	13	S		III		16ga	
	NP-11-13	18	1	12	1.69	DI-11-4	D.I. 24"X36"	86+30.00	75.20	CB-11-3	C.B. TYPE 16	86+30.00	75.00	1.30	4.82	5	13	S		III		16ga	
	NP-11-14	18	1	9	2.53	DI-11-5	D.I. 24"X36"	87+93.65	75.80	CB-11-2	C.B. TYPE 18	87+93.65	75.57	1.70	4.11	8	13	S		III		16ga	
	NP-11-15	18	1	7	3.14	DI-11-6	D.I. 24"X36"	88+71.00	76.00	CB-11-6	C.B. TYPE 16	88+71.02	75.79	3.13	4.01	8	13	S		III		16ga	
	NP-11-16	18	1	96	0.40	CB-11-7	C.B. TYPE 16	89+50.00	75.82	CB-11-8	C.B. TYPE 16	88+50.00	75.44	4.20	4.28	8	13	S		III		16ga	
	EP-11-1	24	1	57	0.09	-	-	-	75.33	MH-11-1	M.H.	86+09.50	75.28	-	-	-	-	-		-		-	RETAIN EXIST. PIPE. FIELD VERIFY INVERTS.
	EP-11-2	36	1	225	0.48	CB-11-4	C.B. TYPE 16	86+27.50	74.60	-	-	-	73.52	-	-	-	-	-		-		-	RETAIN EXIST. PIPE. FIELD VERIFY INVERTS.



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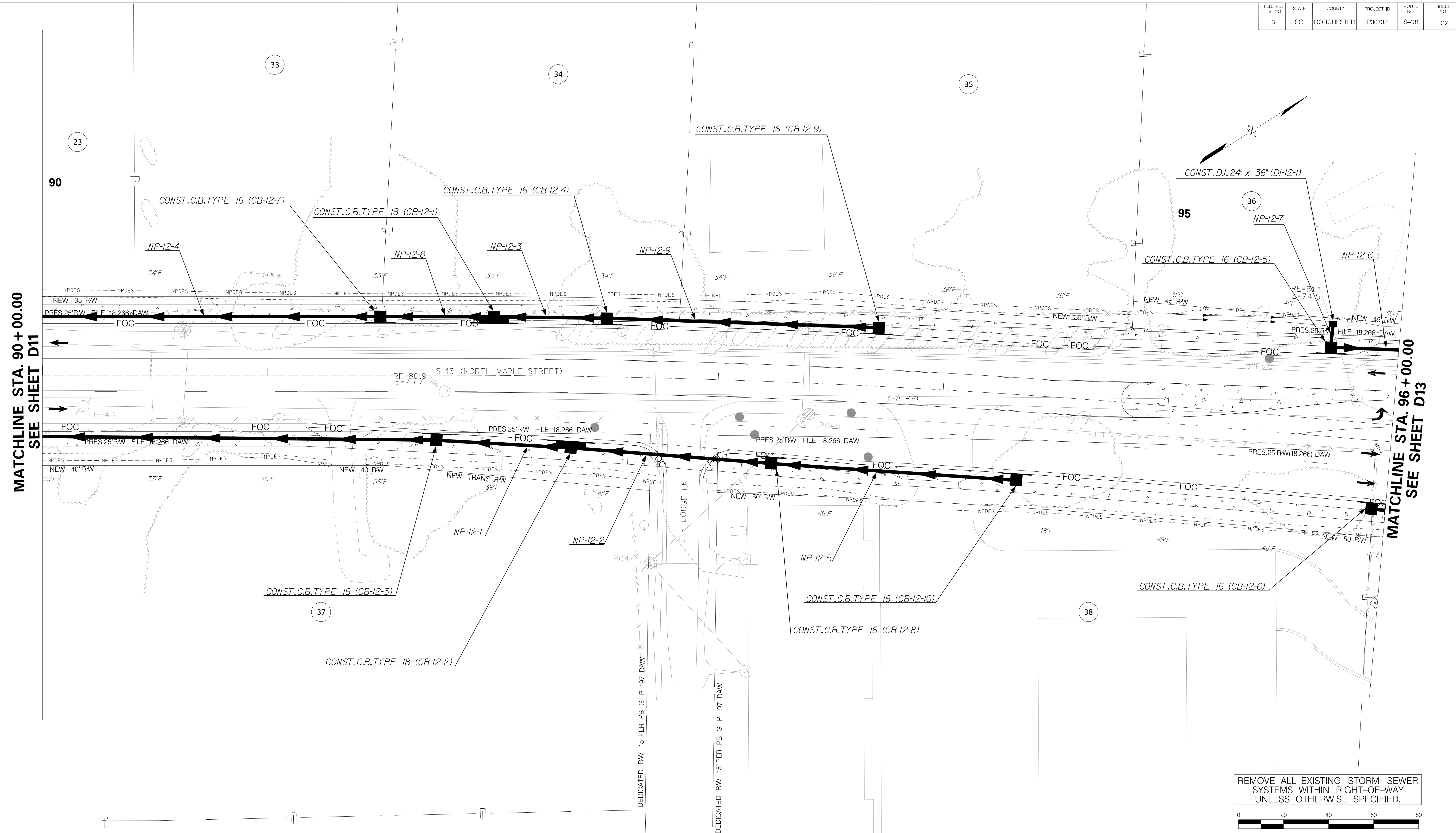
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PIPE DATA SHEET
 STA. 84 + 00.00 TO STA. 90 + 00.00

SHEET D11A SCALE: 1" = 20'

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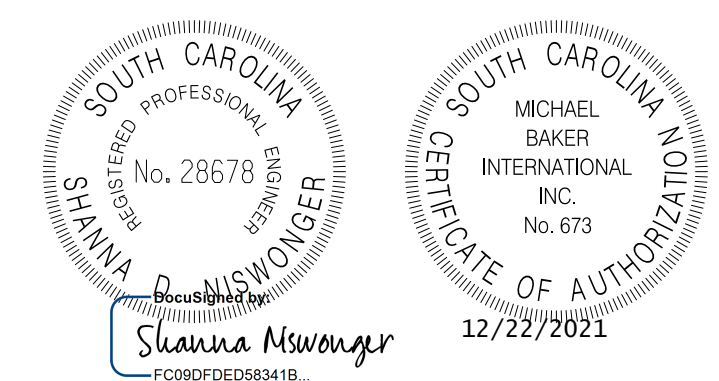
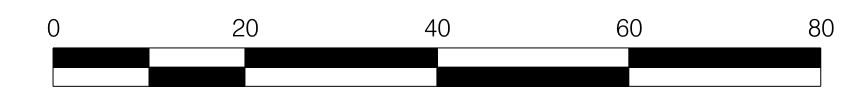
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D12



MATCHLINE STA. 90 + 00.00
SEE SHEET D11

MATCHLINE STA. 96 + 00.00
SEE SHEET D13

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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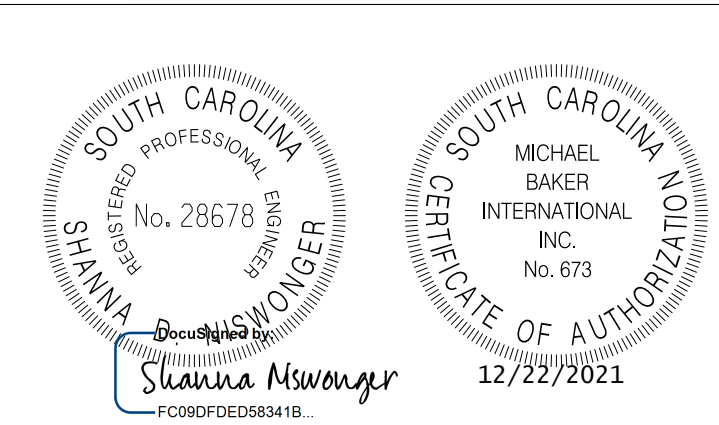
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 90 + 00.00 TO STA. 96 + 00.00

SHEET D12 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D12A

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options						Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node	Node Description	Node Station	Link Invert (ft)	Node	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓	
	NP-12-1	18	1	56	0.34	CB-12-2	C.B. TYPE 18	92+35.15	77.00	CB-12-3	C.B. TYPE 16	91+75.00	76.81	2.89	3.15	5	13	S		III		16ga		
	NP-12-2	18	1	85	0.35	CB-12-8	C.B. TYPE 16	93+25.00	77.30	CB-12-2	C.B. TYPE 18	92+35.15	77.00	2.73	2.89	5	13	S		III		16ga		
	NP-12-3	18	1	46	2.02	CB-12-4	C.B. TYPE 16	92+50.00	77.70	CB-12-1	C.B. TYPE 18	92+00.25	76.77	2.33	3.22	5	13	S		III		16ga		
	NP-12-4	18	1	196	0.39	CB-12-7	C.B. TYPE 16	91+50.00	76.59	CB-11-7	C.B. TYPE 16	89+50.00	75.82	3.45	4.20	5	13	S		III		16ga		
	NP-12-5	18	1	105	0.29	CB-12-10	C.B. TYPE 16	94+35.00	77.60	CB-12-8	C.B. TYPE 16	93+25.00	77.30	2.72	2.73	6	13	S		III		16ga		
	NP-12-6	18	1	151	2.00	CB-12-5	C.B. TYPE 16	95+70.01	77.84	CB-13-2	C.B. TYPE 16	97+25.00	74.83	2.76	5.77	6	13	S		III		16ga		
	NP-12-7	18	1	7	0.83	DI-12-1	D.I. 24"X36"	95+70.00	77.90	CB-12-5	C.B. TYPE 16	95+70.01	77.84	0.85	2.76	6	13	S		III		16ga		
	NP-12-8	18	1	46	0.39	CB-12-1	C.B. TYPE 18	92+00.25	76.77	CB-12-7	C.B. TYPE 16	91+50.00	76.59	3.22	3.45	5	13	S		III		16ga		
	NP-12-9	18	1	117	0.34	CB-12-9	C.B. TYPE 16	93+70.00	78.10	CB-12-4	C.B. TYPE 16	92+50.00	77.70	2.28	2.33	5	13	S		III		16ga		



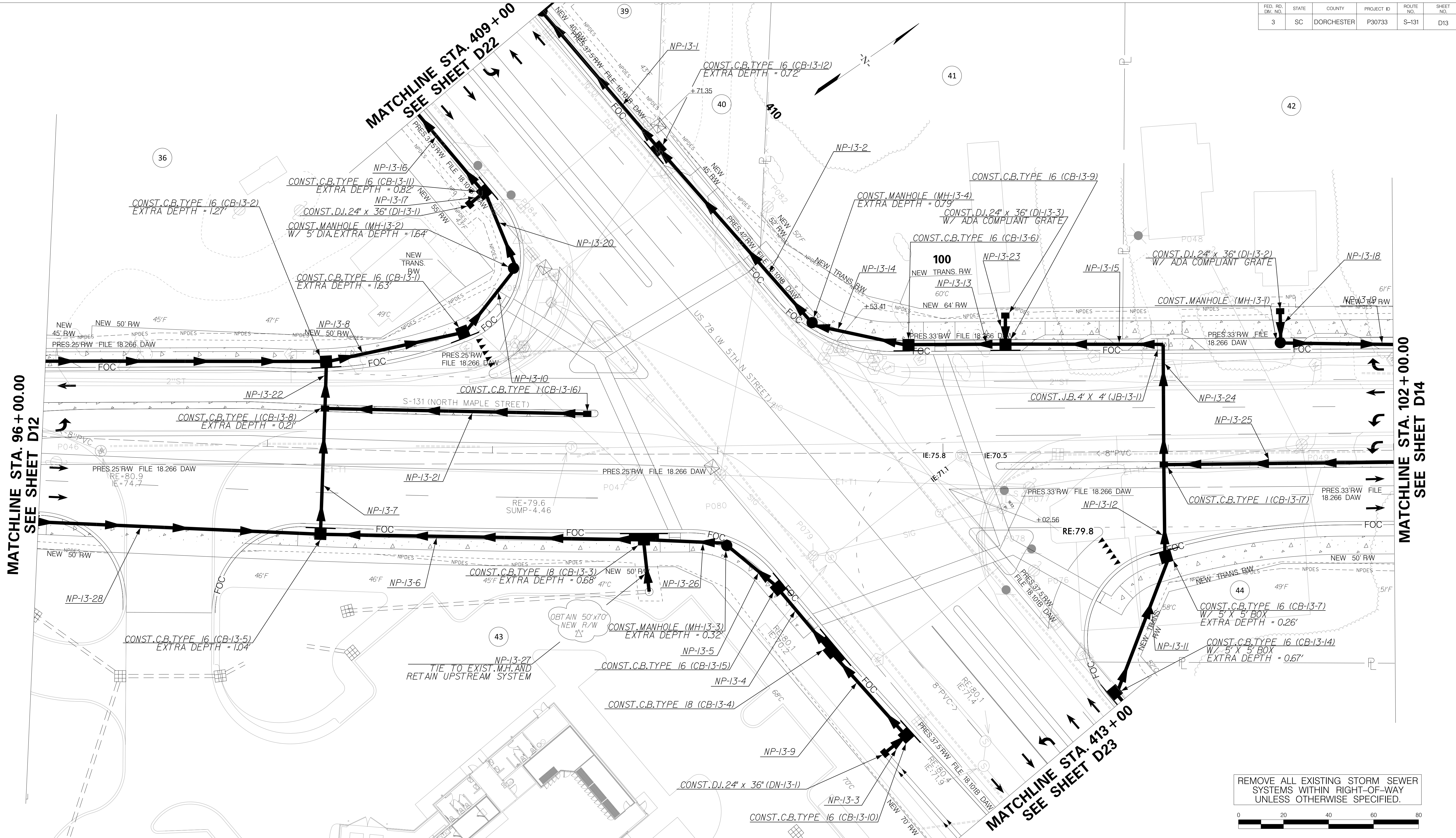
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PIPE DATA SHEET
 STA. 90+00.00 TO STA. 96+00.00

SHEET D12A SCALE: 1" = 20'

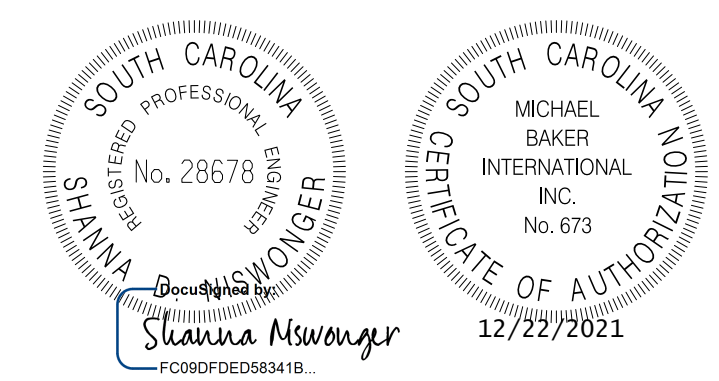
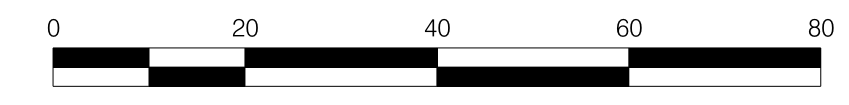
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D13



MATCHLINE STA. 96+00.00
SEE SHEET D12

MATCHLINE STA. 102+00.00
SEE SHEET D14

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.

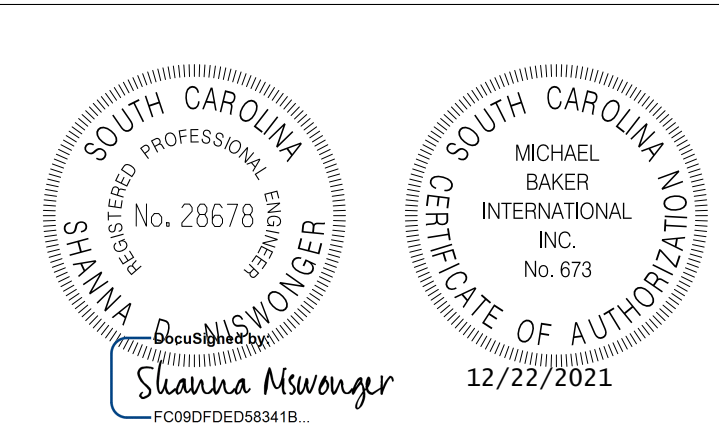


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TOWN OF SUMMERVILLE
 US 78 (W 5TH N STREET) /
 S-131 (NORTH MAPLE STREET)
 DRAINAGE SHEET
 STA. 409+00 TO STA. 413+00
 STA. 96+00.00 TO STA. 102+00.00
 SHEET D13 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D13A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node	Node Description	Node Station	Link Invert (ft)	Node	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	
	NP-13-1	24	1	76	0.09	CB-13-12	C.B. TYPE 16	409+80.00	74.30	MH-22-1	M.H.	409+00.00	74.23	4.56	4.72	6	13	S		III		16ga	
	NP-13-2	24	1	99	0.07	MH-13-4	M.H.	410+83.00	74.37	CB-13-12	C.B. TYPE 16	409+80.00	74.30	4.72	4.79	5	13	S		III		16ga	
	NP-13-3	18	1	9	0.55	DN-13-1	D.I. 24"X36"	412+50.00	75.00	CB-13-10	C.B. TYPE 16	412+50.00	74.95	0.68	4.35	2	13	S		III		16ga	
	NP-13-4	24	1	33	0.15	CB-13-4	C.B. TYPE 18	412+00.00	74.85	CB-13-15	C.B. TYPE 16	411+63.50	74.80	3.82	3.89	5	13	S		III		16ga	
	NP-13-5	24	1	26	0.39	CB-13-15	C.B. TYPE 16	411+63.50	74.80	MH-13-3	M.H.	99+03.79	74.70	3.89	4.32	5	13	S		III		16ga	
	NP-13-6	24	1	140	0.12	CB-13-3	C.B. TYPE 18	98+67.22	74.64	CB-13-5	C.B. TYPE 16	97+25.00	74.47	4.68	5.04	6	13	S		III		16ga	
	NP-13-7	24	1	53	0.21	CB-13-5	C.B. TYPE 16	97+25.00	74.47	CB-13-8	C.B. TYPE 1	97+25.00	74.36	3.32	3.42	6	13	S		III		16ga	
	NP-13-8	24	1	58	0.26	CB-13-2	C.B. TYPE 16	97+25.00	74.33	CB-13-1	C.B. TYPE 16	97+86.91	74.18	5.27	5.63	6	13	S		III		16ga	
	NP-13-9	24	1	46	0.22	CB-13-10	C.B. TYPE 16	412+50.00	74.95	CB-13-4	C.B. TYPE 18	412+00.00	74.85	4.32	4.35	2	13	S		III		16ga	
	NP-13-10	30	1	33	0.12	CB-13-1	C.B. TYPE 16	97+86.91	74.18	MH-13-2	M.H.	98+08.22	74.14	5.13	5.14	6	13	S		III		16ga	
	NP-13-11	24	1	61	0.10	CB-13-14	C.B. TYPE 16	412+95.00	74.72	CB-13-7	C.B. TYPE 16	100+98.00	74.66	4.26	4.67	5	13	S		III		16ga	
	NP-13-12	24	1	38	0.10	CB-13-7	C.B. TYPE 16	100+98.00	74.66	CB-13-17	C.B. TYPE 1	100+98.00	74.62	2.33	2.43	5	13	S		III		16ga	
	NP-13-13	24	1	39	0.10	CB-13-9	C.B. TYPE 16	100+28.00	74.50	CB-13-6	C.B. TYPE 16	99+84.96	74.46	3.69	3.89	5	13	S		III		16ga	
	NP-13-14	24	1	40	0.23	CB-13-6	C.B. TYPE 16	99+84.96	74.46	MH-13-4	M.H.	410+83.00	74.37	3.89	4.79	5	13	S		III		16ga	
	NP-13-15	24	1	68	0.10	JB-13-1	JUNCT BOX	100+98.00	74.57	CB-13-9	C.B. TYPE 16	100+28.00	74.50	3.58	3.69	5	13	S		III		16ga	
	NP-13-16	30	1	61	0.21	CB-13-11	C.B. TYPE 16	409+45.00	74.10	CB-22-10	C.B. TYPE 16	408+80.00	73.97	4.26	4.32	6	13	S		III		16ga	
	NP-13-17	18	1	5	0.97	DI-13-1	D.I. 24"X36"	409+45.00	74.15	CB-13-11	C.B. TYPE 16	409+45.00	74.10	3.85	5.32	6	13	S		III		16ga	
	NP-13-18	18	1	11	0.72	DI-13-2	D.I. 24"X36"	101+50.00	75.80	MH-13-1	M.H.	101+50.00	75.72	2.20	2.89	5	13	S		III		16ga	
	NP-13-19	18	1	96	0.33	MH-13-1	M.H.	101+50.00	75.72	CB-14-10	C.B. TYPE 16	102+50.00	75.40	2.89	3.13	5	13	S		III		16ga	
	NP-13-20	30	1	33	0.12	MH-13-2	M.H.	98+08.22	74.14	CB-13-11	C.B. TYPE 16	409+45.00	74.10	4.32	5.14	6	13	S		III		16ga	
	NP-13-21	18	1	113	0.56	CB-13-16	C.B. TYPE 1	98+42.00	75.50	CB-13-8	C.B. TYPE 1	97+25.00	74.86	3.17	4.71	6	13	S		III		16ga	
	NP-13-22	24	1	18	0.19	CB-13-8	C.B. TYPE 1	97+25.00	74.36	CB-13-2	C.B. TYPE 16	97+25.00	74.33	3.56	3.66	6	13	S		III		16ga	
	NP-13-23	18	1	10	1.94	DI-13-3	D.I. 24"X36"	100+28.00	75.10	CB-13-9	C.B. TYPE 16	100+28.00	74.91	2.90	4.19	5	13	S		III		16ga	
	NP-13-24	24	1	52	0.10	CB-13-17	C.B. TYPE 1	100+98.00	74.62	JB-13-1	JUNCT BOX	100+98.00	74.57	1.93	2.03	5	13	S		III		16ga	
	NP-13-25	18	1	199	0.69	CB-14-12	C.B. TYPE 1	103+00.00	76.50	CB-13-17	C.B. TYPE 1	100+98.00	75.12	2.28	4.26	5	13	S		III		16ga	
	NP-13-26	24	1	33	0.18	MH-13-3	M.H.	99+03.79	74.70	CB-13-3	C.B. TYPE 18	98+67.22	74.64	4.32	4.68	6	13	S		III		16ga	
	NP-13-27	24	1	21	0.24	EXMH-13-1	DUMMY JOINT	98+69.47	74.69	CB-13-3	C.B. TYPE 18	98+67.22	74.64	4.61	4.68	6	13	S		III		16ga	
	NP-13-28	18	1	128	2.11	CB-12-6	C.B. TYPE 16	95+93.82	77.66	CB-13-5	C.B. TYPE 16	97+25.00	74.97	2.77	5.54	9	13	S		III		16ga	



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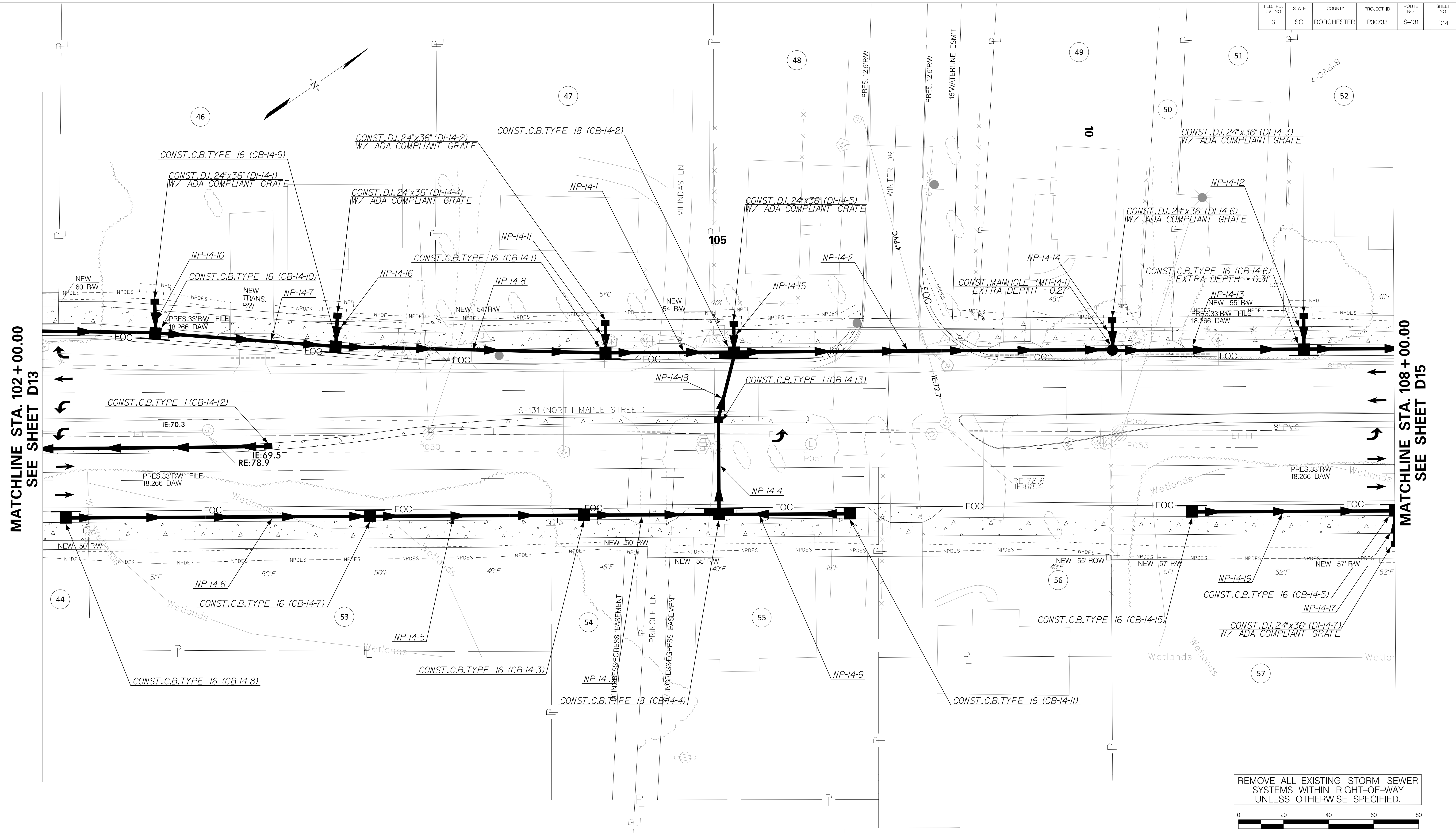
TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET) / S-131 (NORTH MAPLE STREET) PIPE DATA SHEET

STA. 409+00 TO STA. 413+00
 STA. 96+00.00 TO STA. 102+00.00

SHEET D13A SCALE: 1" = 20'

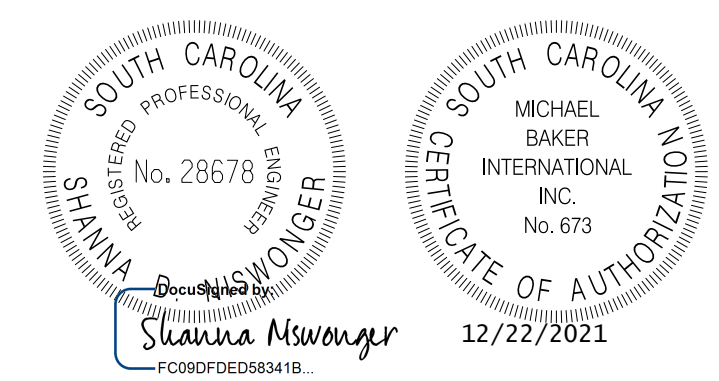
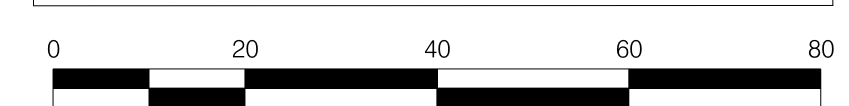
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D14



MATCHLINE STA. 102+00.00
SEE SHEET D13

MATCHLINE STA. 108+00.00
SEE SHEET D15

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.

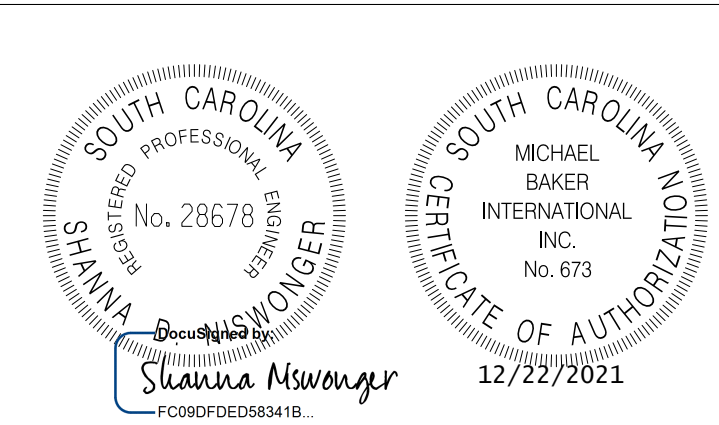


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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 102+00.00 TO STA. 108+00.00
SHEET D14
SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D14A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Link Invert (ft)	Node Description	Node Station	Node Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓		
	NP-14-1	18	1	53	0.47	CB-14-1	C.B. TYPE 16	104+50.00	74.75	CB-14-2	C.B. TYPE 18	105+07.00	74.50	3.40	4.08	1	13	S		III		16ga	
	NP-14-2	24	1	164	0.27	CB-14-2	C.B. TYPE 18	105+07.00	74.00	MH-14-1	M.H.	106+75.00	73.55	3.58	4.27	1	13	S		III		16ga	
	NP-14-3	18	1	56	0.98	CB-14-3	C.B. TYPE 16	104+40.00	75.25	CB-14-4	C.B. TYPE 18	105+00.00	74.70	2.90	3.40	1	13	S		III		16ga	
	NP-14-4	18	1	39	0.28	CB-14-4	C.B. TYPE 18	105+00.00	74.70	CB-14-13	C.B. TYPE 1	105+00.00	74.59	1.66	1.76	1	13	S		III		16ga	
	NP-14-5	18	1	91	0.31	CB-14-7	C.B. TYPE 16	103+45.00	75.53	CB-14-3	C.B. TYPE 16	104+40.00	75.25	2.90	2.93	1	13	S		III		16ga	
	NP-14-6	18	1	131	0.22	CB-14-8	C.B. TYPE 16	102+10.00	75.82	CB-14-7	C.B. TYPE 16	103+45.00	75.53	2.93	3.06	1	13	S		III		16ga	
	NP-14-7	18	1	76	0.39	CB-14-10	C.B. TYPE 16	102+50.00	75.40	CB-14-9	C.B. TYPE 16	103+30.01	75.10	3.13	3.34	1	13	S		III		16ga	
	NP-14-8	18	1	116	0.30	CB-14-9	C.B. TYPE 16	103+30.01	75.10	CB-14-1	C.B. TYPE 16	104+50.00	74.75	3.34	3.40	1	13	S		III		16ga	
	NP-14-9	18	1	54	0.56	CB-14-11	C.B. TYPE 16	105+58.00	75.00	CB-14-4	C.B. TYPE 18	105+00.00	74.70	3.17	3.40	1	13	S		III		16ga	
	NP-14-10	18	1	11	0.92	DI-14-1	D.I. 24"X36"	102+50.00	75.50	CB-14-10	C.B. TYPE 16	102+50.00	75.40	2.30	3.13	1	13	S		III		16ga	
	NP-14-11	18	1	10	0.49	DI-14-2	D.I. 24"X36"	104+50.00	74.80	CB-14-1	C.B. TYPE 16	104+50.00	74.75	3.00	3.40	1	13	S		III		16ga	
	NP-14-12	18	1	12	0.86	DI-14-3	D.I. 24"X36"	107+60.00	73.90	CB-14-6	C.B. TYPE 16	107+60.00	73.80	2.90	4.81	1	13	S		III		16ga	
	NP-14-13	24	1	81	0.31	MH-14-1	M.H.	106+75.00	73.55	CB-14-6	C.B. TYPE 16	107+60.00	73.30	4.27	4.31	1	13	S		III		16ga	
	NP-14-14	18	1	10	0.48	DI-14-6	D.I. 24"X36"	106+75.00	74.10	MH-14-1	M.H.	106+75.00	74.05	3.90	4.77	1	13	S		III		16ga	
	NP-14-15	18	1	10	1.05	DI-14-5	D.I. 24"X36"	105+07.00	74.60	CB-14-2	C.B. TYPE 18	105+07.00	74.50	3.30	4.08	1	13	S		III		16ga	
	NP-14-16	18	1	11	0.94	DI-14-4	D.I. 24"X36"	103+31.00	75.20	CB-14-9	C.B. TYPE 16	103+30.01	75.10	2.80	3.34	1	13	S		III		16ga	
	NP-14-17	18	1	12	0.86	DI-14-7	D.I. 24"X36"	108+00.00	74.60	CB-14-5	C.B. TYPE 16	108+00.00	74.50	1.15	3.50	1	13	S		III		16ga	
	NP-14-18	18	1	28	0.32	CB-14-13	C.B. TYPE 1	105+00.00	74.59	CB-14-2	C.B. TYPE 18	105+07.00	74.50	1.85	1.95	1	13	S		III		16ga	
	NP-14-19	18	1	86	1.16	CB-14-15	C.B. TYPE 16	107+10.00	75.50	CB-14-5	C.B. TYPE 16	108+00.00	74.50	2.76	3.50	1	13	S		III		16ga	



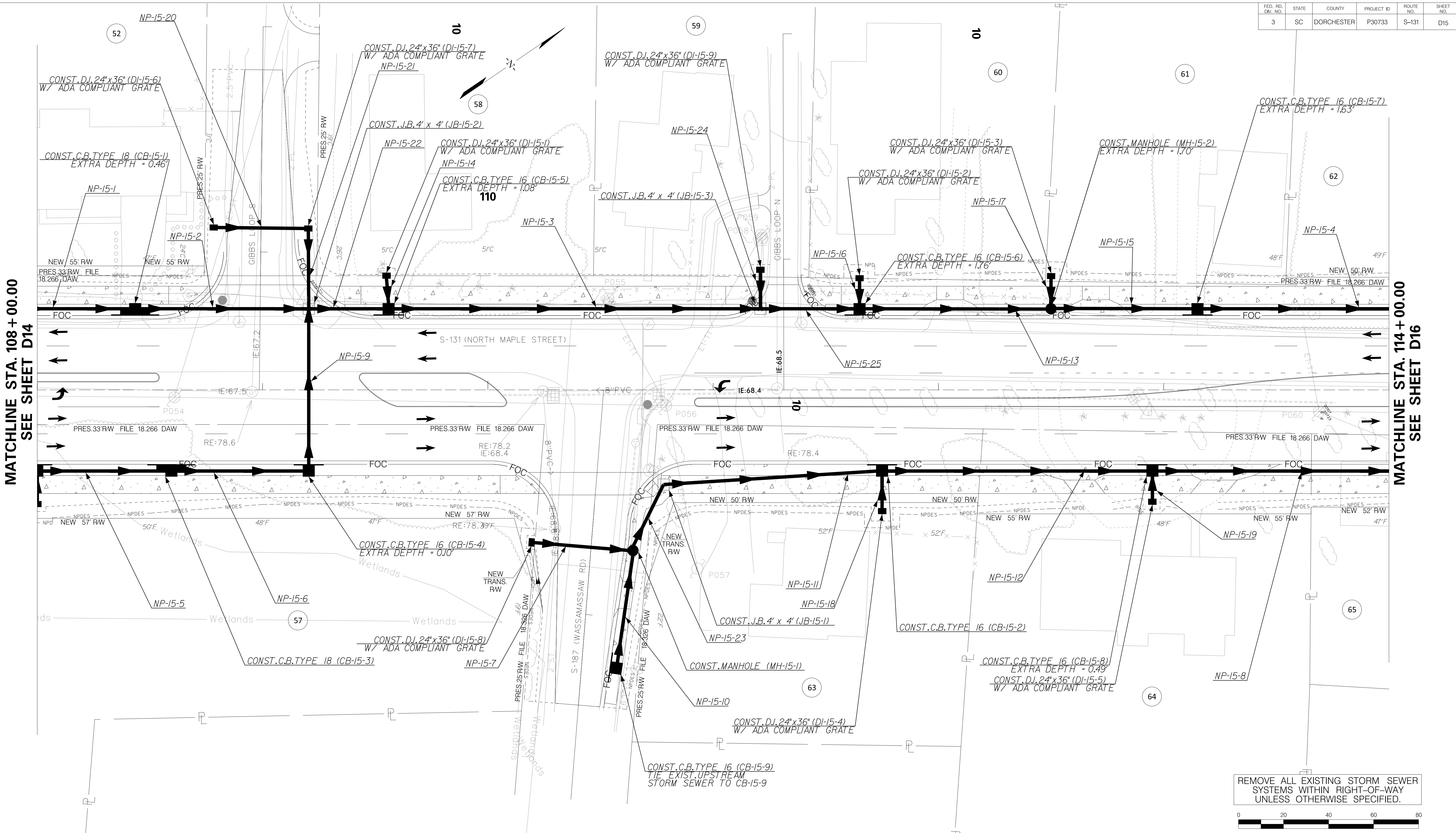
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PIPE DATA SHEET
 STA. 102+00.00 TO STA. 108+00.00

SHEET D14A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D15



MATCHLINE STA. 108 + 00.00
SEE SHEET D14

MATCHLINE STA. 114 + 00.00
SEE SHEET D16

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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TOWN OF SUMMERVILLE

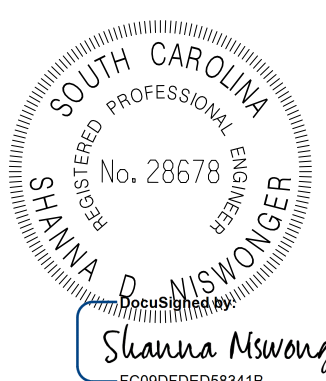
S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 108 + 00.00 TO STA. 114 + 00.00

SHEET D15 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D15A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Link Invert (ft)	Node Description	Node Station	Node Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓		
	NP-15-1	24	1	79	0.41	CB-14-6	C.B. TYPE 16	107+60.00	73.30	CB-15-1	C.B. TYPE 18	108+43.45	72.98	4.31	4.46	13	13	S		III		16ga	
	NP-15-2	24	1	75	0.30	CB-15-1	C.B. TYPE 18	108+43.45	72.98	JB-15-2	JUNCT BOX	109+20.50	72.75	3.65	4.46	13	13	S		III		16ga	
	NP-15-3	24	1	163	0.32	CB-15-5	C.B. TYPE 16	109+55.94	72.56	JB-15-3	JUNCT BOX	111+21.00	72.05	5.08	5.70	13	13	S		III		16ga	
	NP-15-4	24	1	141	0.34	CB-15-7	C.B. TYPE 16	113+15.00	71.45	CB-16-1	C.B. TYPE 16	114+60.00	70.97	5.17	5.63	13	13	S		III		16ga	
	NP-15-5	18	1	56	0.86	CB-14-5	C.B. TYPE 16	108+00.00	74.50	CB-15-3	C.B. TYPE 18	108+59.52	74.02	3.50	3.92	8	13	S		III		16ga	
	NP-15-6	18	1	57	0.20	CB-15-3	C.B. TYPE 18	108+59.52	74.02	CB-15-4	C.B. TYPE 16	109+20.50	73.91	3.92	4.60	8	13	S		III		16ga	
	NP-15-7	18	1	42	1.18	DI-15-8	D.I. 24"X36"	10+70.00	75.00	MH-15-1	M.H.	10+70.01	74.50	1.10	1.20	8	13	S		IV		16ga	
	NP-15-8	24	1	174	0.40	CB-15-8	C.B. TYPE 16	112+95.00	72.70	CB-16-2	C.B. TYPE 16	114+73.00	72.00	4.07	4.49	13	13	S		III		16ga	
	NP-15-9	24	1	70	0.94	CB-15-4	C.B. TYPE 16	109+20.50	73.41	JB-15-2	JUNCT BOX	109+20.50	72.75	2.38	2.48	13	13	S		III		16ga	
	NP-15-10	18	1	49	1.64	CB-15-9	C.B. TYPE 16	11+22.42	75.30	MH-15-1	M.H.	10+70.01	74.50	2.30	3.10	8	13	S		III		16ga	
	NP-15-11	18	1	95	0.32	JB-15-1	JUNCT BOX	110+78.00	74.30	CB-15-2	C.B. TYPE 16	111+75.00	74.00	3.94	4.15	8	13	S		III		16ga	
	NP-15-12	18	1	116	0.69	CB-15-2	C.B. TYPE 16	111+75.00	74.00	CB-15-8	C.B. TYPE 16	112+95.00	73.20	4.15	4.99	8	13	S		III		16ga	
	NP-15-13	24	1	81	0.26	CB-15-6	C.B. TYPE 16	111+65.00	71.92	MH-15-2	M.H.	112+50.00	71.70	5.70	5.76	13	13	S		III		16ga	
	NP-15-14	18	1	12	3.76	DI-15-1	D.I. 24"X36"	109+55.00	73.50	CB-15-5	C.B. TYPE 16	109+55.94	73.06	4.10	5.58	8	13	S		III		16ga	
	NP-15-15	24	1	61	0.42	MH-15-2	M.H.	112+50.00	71.70	CB-15-7	C.B. TYPE 16	113+15.00	71.45	5.63	5.70	13	13	S		III		16ga	
	NP-15-16	18	1	11	0.95	DI-15-2	D.I. 24"X36"	111+65.00	75.10	CB-15-6	C.B. TYPE 16	111+65.00	75.00	2.60	6.26	8	13	S		III		16ga	
	NP-15-17	18	1	12	0.86	DI-15-3	D.I. 24"X36"	112+50.00	74.10	MH-15-2	M.H.	112+50.00	74.00	2.98	6.20	8	13	S		III		16ga	
	NP-15-18	18	1	15	0.67	DI-15-4	D.I. 24"X36"	111+75.00	74.10	CB-15-2	C.B. TYPE 16	111+75.00	74.00	1.40	4.15	8	13	S		III		16ga	
	NP-15-19	18	1	11	0.45	DI-15-5	D.I. 24"X36"	112+95.00	74.25	CB-15-8	C.B. TYPE 16	112+95.00	74.20	3.00	4.99	8	13	S		III		16ga	
	NP-15-20	18	1	39	0.26	DI-15-6	D.I. 24"X36"	10+88.00	73.60	DI-15-7	D.I. 24"X36"	10+88.00	73.50	2.36	2.46	8	13	S		III		16ga	
	NP-15-21	18	1	35	0.72	DI-15-7	D.I. 24"X36"	10+88.00	73.50	JB-15-2	JUNCT BOX	109+20.50	73.25	3.40	4.15	8	13	S		III		16ga	
	NP-15-22	24	1	33	0.57	JB-15-2	JUNCT BOX	109+20.50	72.75	CB-15-5	C.B. TYPE 16	109+55.94	72.56	3.65	5.08	13	13	S		III		16ga	
	NP-15-23	18	1	31	0.65	MH-15-1	M.H.	10+70.01	74.50	JB-15-1	JUNCT BOX	110+78.00	74.30	3.10	3.94	8	13	S		III		16ga	
	NP-15-24	18	1	16	0.61	DI-15-9	D.I. 24"X36"	111+21.00	75.10	JB-15-3	JUNCT BOX	111+21.00	75.00	2.40	2.50	8	13	S		III		16ga	
	NP-15-25	24	1	42	0.31	JB-15-3	JUNCT BOX	111+21.00	72.05	CB-15-6	C.B. TYPE 16	111+65.00	71.92	5.70	5.76	13	13	S		III		16ga	

09-DEC-2021 16:54 Joseph Haas Y:\Hydrology\TOWN\Summerville\Maple - EX-DON\Sheets\BHT_D15A.dgn



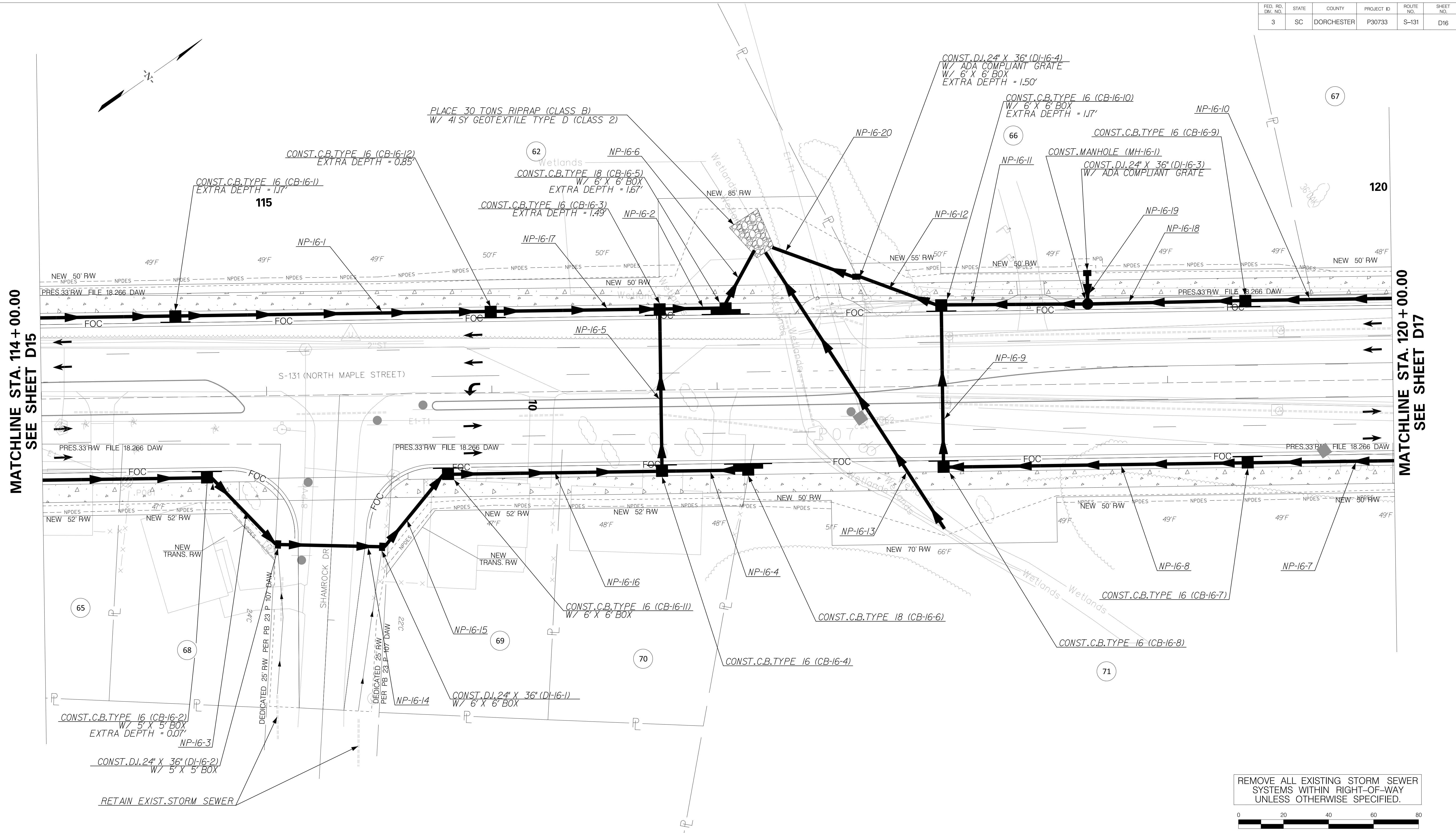
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PIPE DATA SHEET
STA. 108 + 00.00 TO STA. 114 + 00.00

SHEET D15A SCALE: 1" = 20'

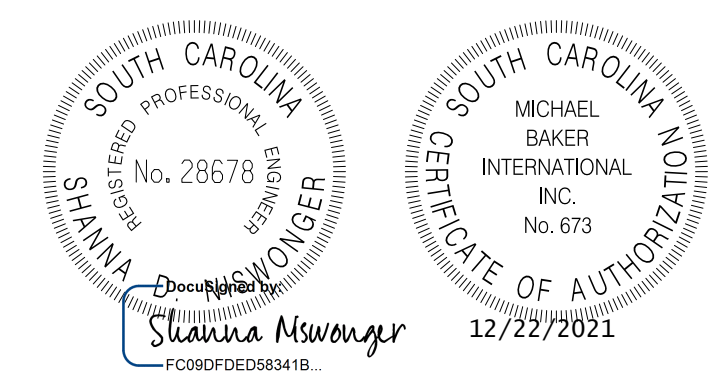
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D16



MATCHLINE STA. 114 + 00.00
SEE SHEET D15

MATCHLINE STA. 120 + 00.00
SEE SHEET D17

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



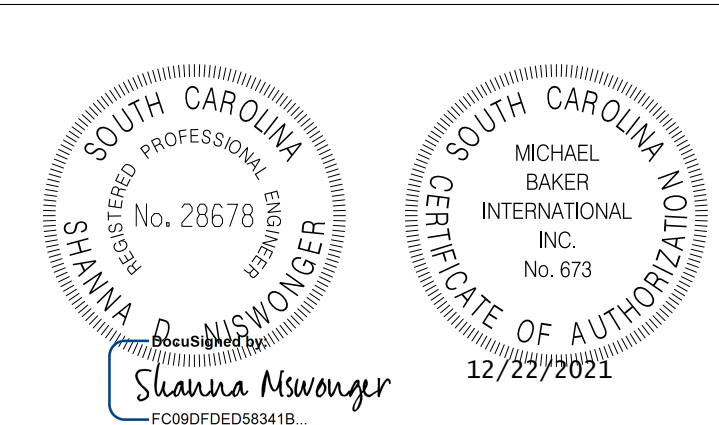
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 114+00.00 TO STA. 120+00.00

SHEET D16 SCALE: 1" = 20'

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node	Node Description	Node Station	Link Invert (ft)	Node	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	
	NP-16-1	24	1	136	0.44	CB-16-1	C.B. TYPE 16	114+60.00	70.97	CB-16-12	C.B. TYPE 16	116+00.00	70.37	4.85	5.17	8	13	S		III		16ga	
	NP-16-2	30	1	25	0.79	CB-16-3	C.B. TYPE 16	116+75.00	69.50	CB-16-5	C.B. TYPE 18	117+04.28	69.30	4.99	5.17	4	13	S		III		16ga	
	NP-16-3	24	1	41	0.61	CB-16-2	C.B. TYPE 16	114+73.00	72.00	DI-16-2	D.I. 24"X36"	10+67.78	71.75	1.25	4.07	8	13	S		III		16ga	
	NP-16-4	18	1	34	1.46	CB-16-6	C.B. TYPE 18	117+13.25	72.00	CB-16-4	C.B. TYPE 16	116+75.00	71.50	3.42	4.47	8	13	S		III		16ga	
	NP-16-5	24	1	68	1.47	CB-16-4	C.B. TYPE 16	116+75.00	71.00	CB-16-3	C.B. TYPE 16	116+75.00	70.00	2.24	2.34	8	13	S		III		16ga	
	NP-16-6	30	1	27	0.37	CB-16-5	C.B. TYPE 18	117+04.28	69.30	OF-16-1	OUTLET PIPE	117+06.00	69.20	5.17	5.17	4	13	S		III		16ga	
	NP-16-7	18	1	206	1.21	CB-17-5	C.B. TYPE 16	121+45.00	75.49	CB-16-7	C.B. TYPE 16	119+35.00	73.00	3.62	3.67	6	13	S		III		16ga	
	NP-16-8	18	1	131	1.15	CB-16-7	C.B. TYPE 16	119+35.00	73.00	CB-16-8	C.B. TYPE 16	118+00.00	71.50	3.67	4.16	5	13	S		III		16ga	
	NP-16-9	18	1	68	0.74	CB-16-8	C.B. TYPE 16	118+00.00	71.50	CB-16-10	C.B. TYPE 16	118+00.00	71.00	2.40	2.50	5	13	S		III		16ga	
	NP-16-10	18	1	206	1.45	CB-17-8	C.B. TYPE 16	121+45.00	76.11	CB-16-9	C.B. TYPE 16	119+35.00	73.13	3.03	3.56	6	13	S		III		16ga	
	NP-16-11	18	1	61	2.45	MH-16-1	M.H.	118+65.00	72.50	CB-16-10	C.B. TYPE 16	118+00.00	71.00	3.56	5.68	6	13	S		III		16ga	
	NP-16-12	30	1	36	1.37	CB-16-10	C.B. TYPE 16	118+00.00	70.00	DI-16-4	D.I. 24"X36"	117+62.50	69.50	4.68	5.00	5	13	S		III		16ga	
	NP-16-13	60	1	146	0.39	-	-	118+00.00	69.17	-	-	117+10.00	68.61	1.28	1.38	3	13	S		III		16ga	TRENCH TO BE BACKFILLED WITH FLOWABLE FILL
	NP-16-14	24	1	44	0.52	DI-16-2	D.I. 24"X36"	10+67.78	71.75	DI-16-1	D.I. 24"X36"	10+66.39	71.52	1.89	1.99	8	13	S		III		16ga	
	NP-16-15	24	1	42	0.30	DI-16-1	D.I. 24"X36"	10+66.39	71.52	CB-16-11	C.B. TYPE 16	115+80.00	71.40	1.48	3.94	8	13	S		III		16ga	
	NP-16-16	24	1	91	0.44	CB-16-11	C.B. TYPE 16	115+80.00	71.40	CB-16-4	C.B. TYPE 16	116+75.00	71.00	3.94	3.97	8	13	S		III		16ga	
	NP-16-17	24	1	71	0.52	CB-16-12	C.B. TYPE 16	116+00.00	70.37	CB-16-3	C.B. TYPE 16	116+75.00	70.00	4.85	5.49	4	13	S		III		16ga	
	NP-16-18	18	1	66	0.95	CB-16-9	C.B. TYPE 16	119+35.00	73.13	MH-16-1	M.H.	118+65.00	72.50	3.56	3.56	6	13	S		III		16ga	
	NP-16-19	18	1	11	4.55	DI-16-3	D.I. 24"X36"	118+65.00	73.00	MH-16-1	M.H.	118+65.00	72.50	2.50	3.56	6	13	S		III		16ga	
	NP-16-20	30	1	38	0.79	DI-16-4	D.I. 24"X36"	117+62.50	69.50	OF-16-2	OUTLET PIPE	117+13.00	69.20	5.00	5.00	4	13	S		III		16ga	



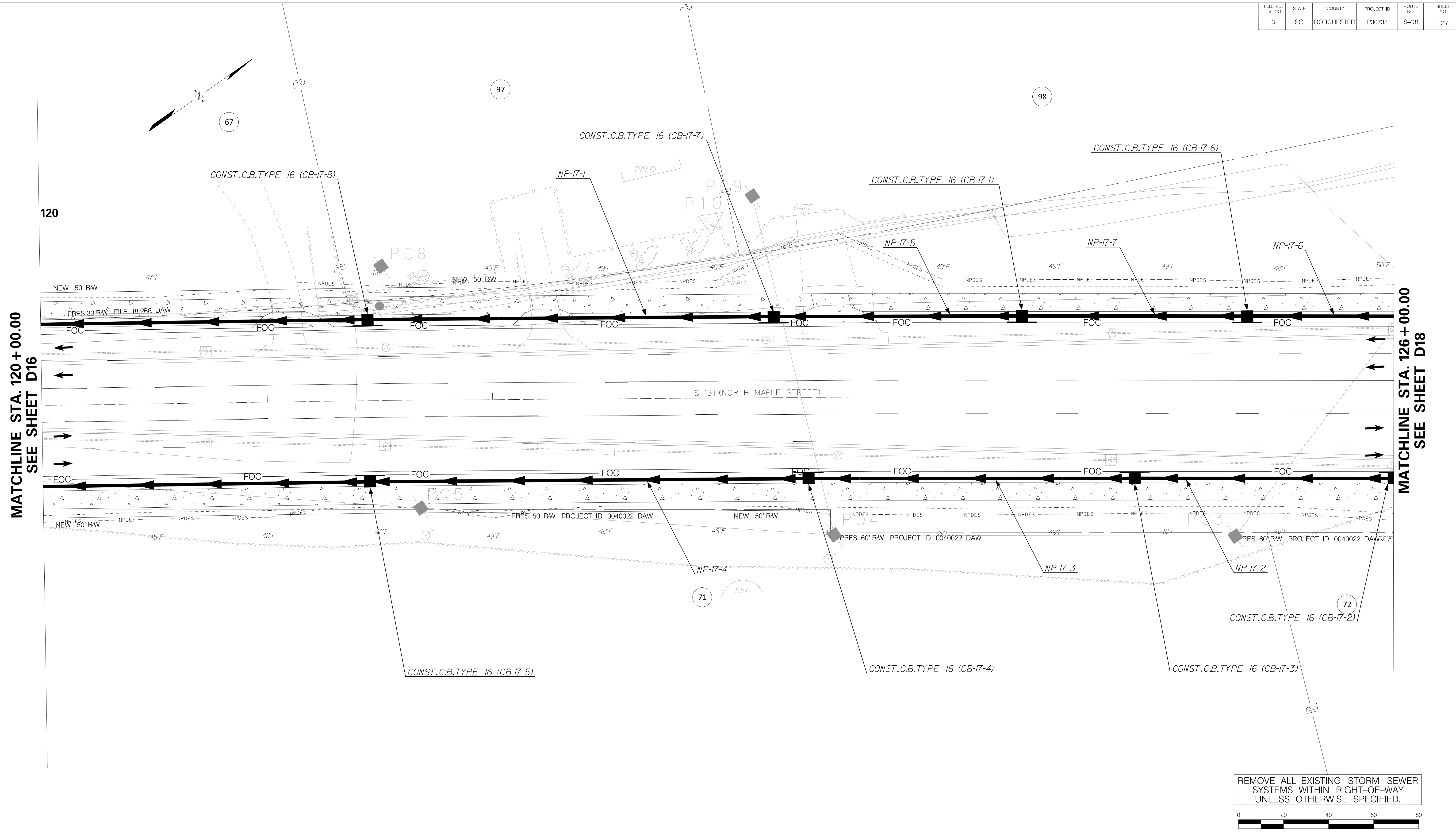
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PIPE DATA SHEET
STA. 114+00.00 TO STA. 120+00.00

SHEET D16A SCALE: 1" = 20'

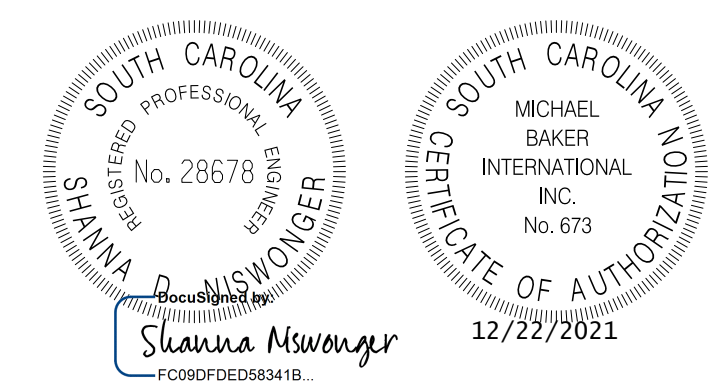
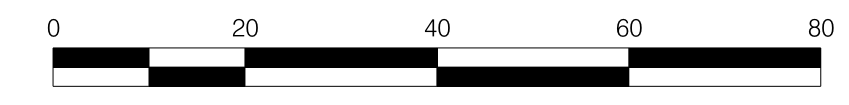
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D17



MATCHLINE STA. 120+00.00
SEE SHEET D16

MATCHLINE STA. 126+00.00
SEE SHEET D18

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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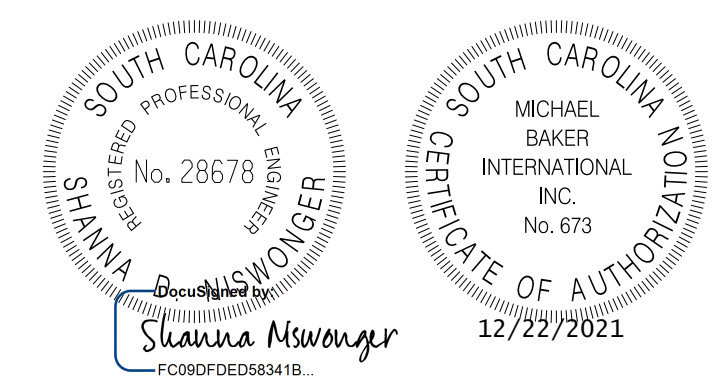
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 120+00.00 TO STA. 126+00.00

SHEET D17 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D17A

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options						Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Station	Link Invert (ft)	Node Description	Node Station	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built	RCP Highest Class	Built	SRAP Thickest Gage	Built	
	NP-17-1	18	1	176	0.30	CB-17-7	C.B. TYPE 16	123+25.00	76.63	CB-17-8	C.B. TYPE 16	121+45.00	76.11	3.03	3.83	10	13	S		III		16ga		
	NP-17-2	18	1	111	0.30	CB-17-2	C.B. TYPE 16	126+00.00	78.49	CB-17-3	C.B. TYPE 16	124+85.00	78.15	2.89	2.90	8	13	S		III		16ga		
	NP-17-3	18	1	141	0.30	CB-17-3	C.B. TYPE 16	124+85.00	78.15	CB-17-4	C.B. TYPE 16	123+40.00	77.73	2.82	2.89	8	13	S		III		16ga		
	NP-17-4	18	1	191	1.17	CB-17-4	C.B. TYPE 16	123+40.00	77.73	CB-17-5	C.B. TYPE 16	121+45.00	75.49	2.82	3.62	10	13	S		III		16ga		
	NP-17-5	18	1	106	0.30	CB-17-1	C.B. TYPE 16	124+35.00	76.95	CB-17-7	C.B. TYPE 16	123+25.00	76.63	3.83	3.94	8	13	S		III		16ga		
	NP-17-6	18	1	86	0.30	CB-18-2	C.B. TYPE 16	126+25.00	77.50	CB-17-6	C.B. TYPE 16	125+35.00	77.24	3.95	3.96	8	13	S		III		16ga		
	NP-17-7	18	1	96	0.30	CB-17-6	C.B. TYPE 16	125+35.00	77.24	CB-17-1	C.B. TYPE 16	124+35.00	76.95	3.94	3.95	8	13	S		III		16ga		



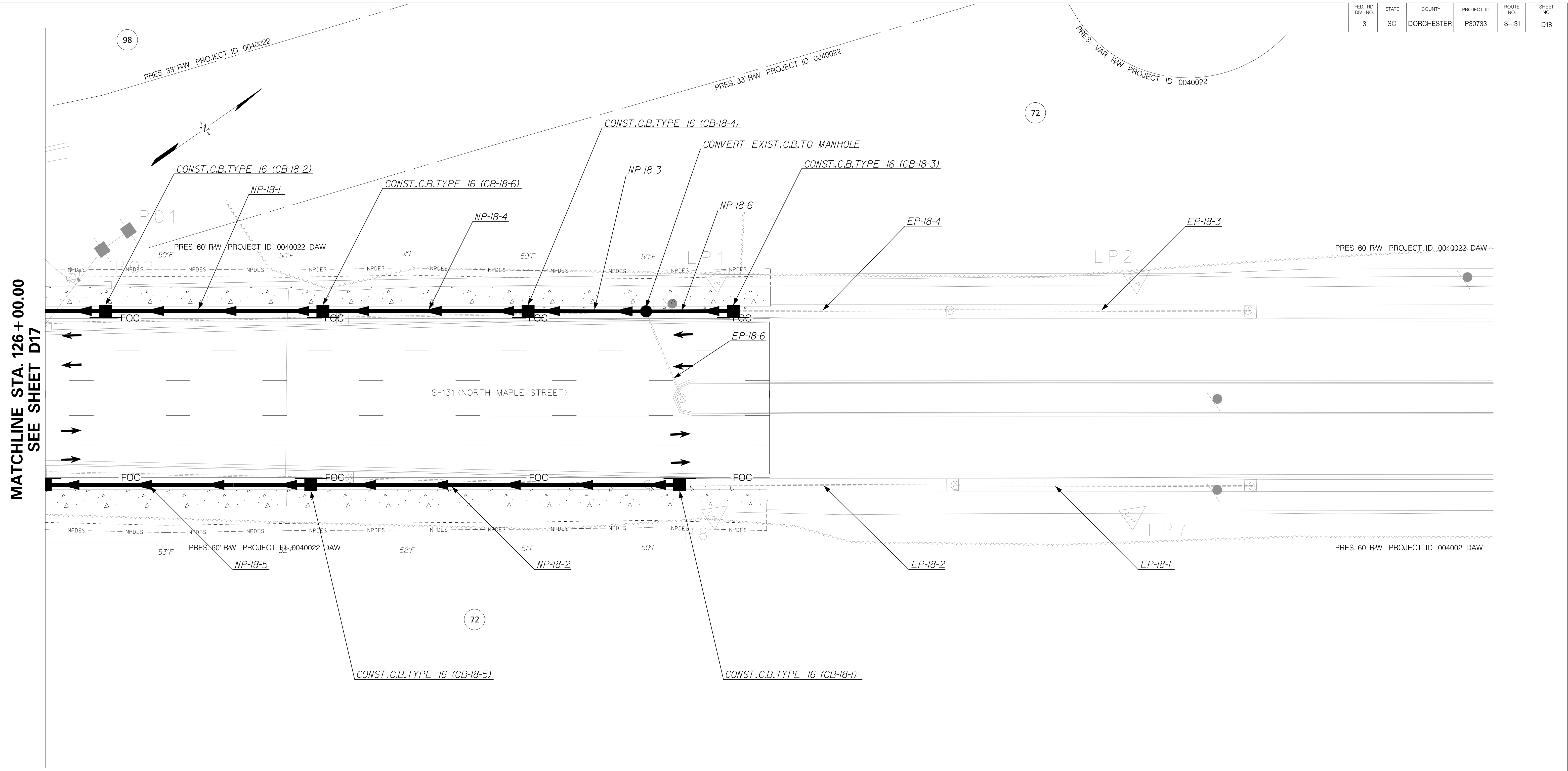
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
 PIPE DATA SHEET
 STA. 120+00.00 TO STA. 126+00.00

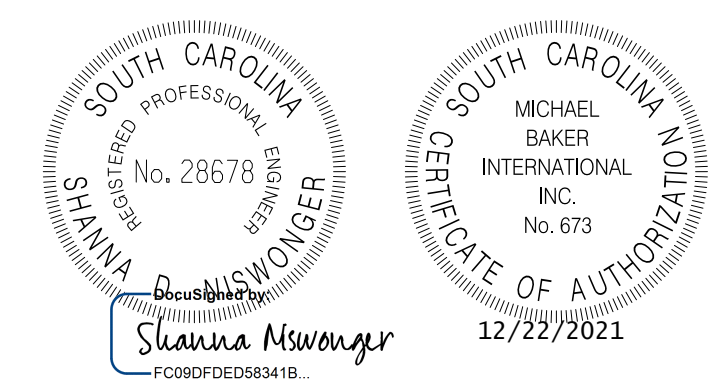
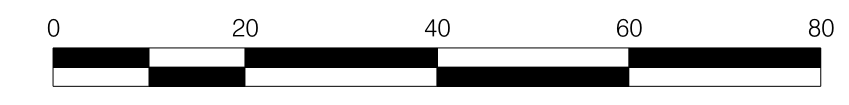
SHEET D17A SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D18



MATCHLINE STA. 126+00.00
SEE SHEET D17

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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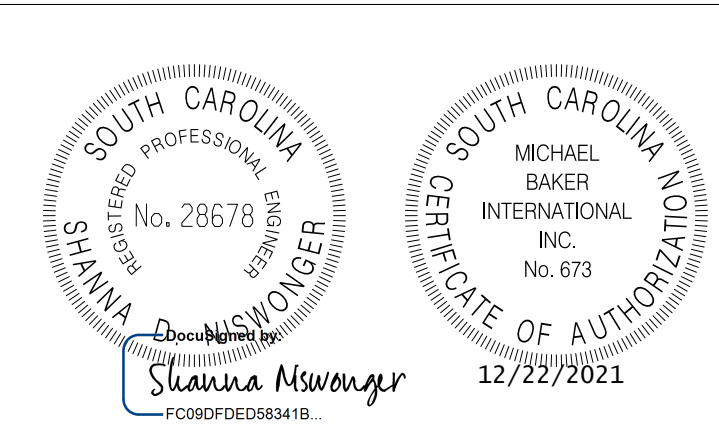
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
DRAINAGE SHEET
STA. 126+00.00 TO STA. 128+70.00

SHEET D18 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D18A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Link Invert (ft)	Node Description	Node Station	Node Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓		
	NP-18-1	18	1	86	0.30	CB-18-6	C.B. TYPE 16	127+15.00	77.76	CB-18-2	C.B. TYPE 16	126+25.00	77.50	3.94	3.96	8	13	S		III		16ga	
	NP-18-2	18	1	149	0.64	CB-18-1	C.B. TYPE 16	128+62.77	79.76	CB-18-5	C.B. TYPE 16	127+10.00	78.80	1.99	2.90	8	13	S		III		16ga	
	NP-18-3	18	1	45	0.64	EXMH-18-1	M.H.	128+48.88	78.29	CB-18-4	C.B. TYPE 16	128+00.00	78.00	3.64	3.84	8	13	S		III		16ga	
	NP-18-4	18	1	81	0.30	CB-18-4	C.B. TYPE 16	128+00.00	78.00	CB-18-6	C.B. TYPE 16	127+15.00	77.76	3.84	3.94	8	13	S		III		16ga	
	NP-18-5	18	1	106	0.30	CB-18-5	C.B. TYPE 16	127+10.00	78.80	CB-17-2	C.B. TYPE 16	126+00.00	78.49	2.90	2.90	8	13	S		III		16ga	
	NP-18-6	18	1	32	0.77	CB-18-3	C.B. TYPE 16	128+85.00	78.54	EXMH-18-1	M.H.	128+48.88	78.29	3.64	3.64	8	13	S		III		16ga	
	EP-18-1	18	1	119	0.45	EXCB-18-1	C.B. TYPE 16	131+00.00	80.74	EXCB-18-2	C.B. TYPE 16	129+77.00	80.21	-	-	-	-	-	-	-	-	-	RETAIN EXIST. PIPE AND INLETS FIELD VERIFY INVERTS
	EP-18-2	18	1	110	0.41	EXCB-18-2	C.B. TYPE 16	129+77.00	80.21	CB-18-1	C.B. TYPE 16	128+62.77	79.76	-	-	-	-	-	-	-	-	-	RETAIN EXIST. PIPE AND INLETS FIELD VERIFY INVERTS
	EP-18-3	18	1	120	1.35	EXCB-18-3	C.B. TYPE 16	130+99.00	80.73	EXCB-18-4	C.B. TYPE 16	129+75.00	79.11	-	-	-	-	-	-	-	-	-	RETAIN EXIST. PIPE AND INLETS FIELD VERIFY INVERTS
	EP-18-4	18	1	86	0.66	EXCB-18-4	C.B. TYPE 16	129+75.00	79.11	CB-18-3	C.B. TYPE 16	128+85.00	78.54	-	-	-	-	-	-	-	-	-	RETAIN EXIST. PIPE AND US INLET FIELD VERIFY INVERTS
	EP-18-6	18	1	37	3.59	EXMH-18-2	MANHOLE	128+70.00	79.62	CB-18-3	C.B. TYPE 16	128+50.00	78.29	-	-	-	-	-	-	-	-	-	RETAIN EXIST. PIPE AND INLETS FIELD VERIFY INVERTS



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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PIPE DATA SHEET
STA. 126 + 00.00 TO STA. 128 + 70.00

SHEET D18A SCALE: 1" = 20'

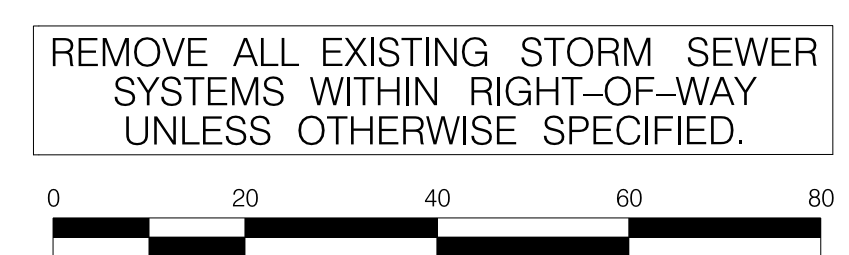
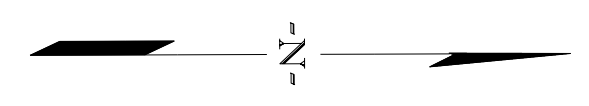
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D19

ADDITIONAL RIPRAP TO BE PLACED ACCORDING TO INSTRUCTIONAL BULLETIN NO. 2009-02 SEE PIPE DATA SHEET FOR LOCATIONS

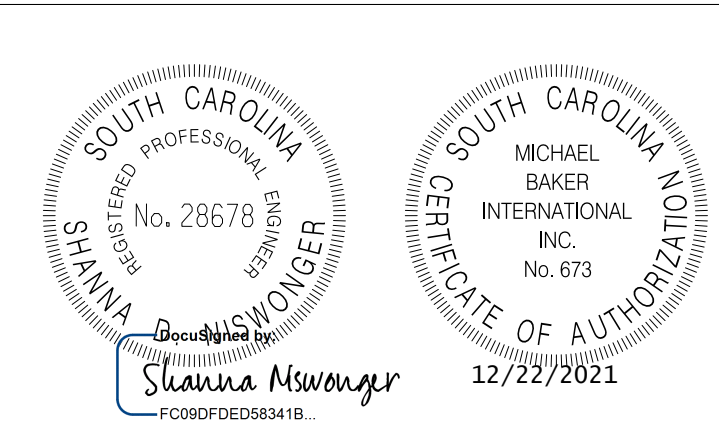


MATCHLINE STA. 202 + 00.00
SEE SHEET D7

MATCHLINE STA. 208 + 04.02
SEE SHEET D20



REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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TOWN OF SUMMERVILLE

S-59 (PARSONS ROAD)
DRAINAGE SHEET
STA. 202 + 00.00 TO STA. 207 + 50.20

SHEET D19 SCALE: 1" = 20'

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options						Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Link Invert (ft)	Node Description	Node Station	Node Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built	RCP Highest Class	Built	SRAP Thickest Gage	Built			
	NP-19-1	14"x23"	1	67	0.30	-	-	204+24.53	78.28	-	-	203+57.87	78.08	0.50	0.50	6	13	NA		IV		NA	DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
	NP-19-2	14"x23"	1	25	0.35	-	-	203+11.13	77.90	-	-	202+86.03	77.81	0.50	0.50	6	13	NA		IV		NA	DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
	NP-19-3	14"x23"	1	22	0.27	-	-	202+34.08	77.65	-	-	202+12.00	77.59	0.50	0.50	6	13	NA		IV		NA	DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
	NP-19-4	14"x23"	1	28	0.36	-	-	207+00.00	79.10	-	-	206+74.00	79.00	0.75	0.75	6	13	NA		IV		NA	DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																								



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TOWN OF SUMMERVILLE

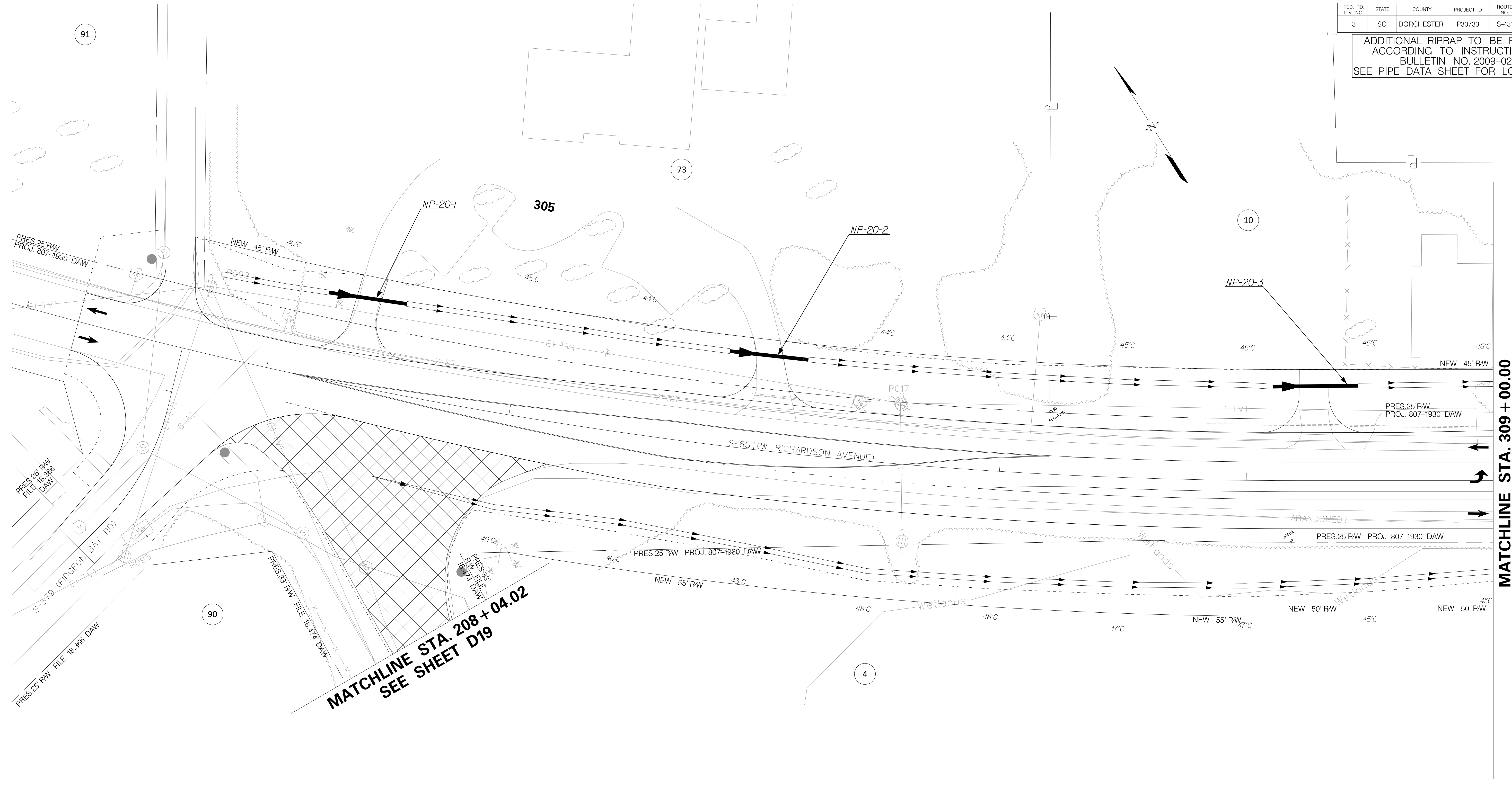
S-59 (PARSONS ROAD)
PIPE DATA SHEET
STA. 202 + 00.00 TO STA. 207 + 50.20

SHEET D19A SCALE: 1" = 20'

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D20

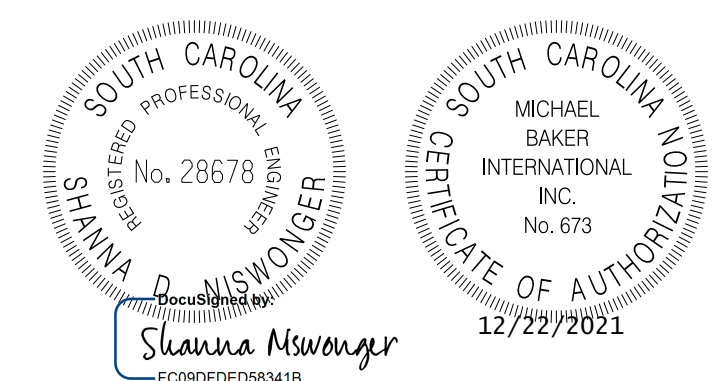
ADDITIONAL RIPRAP TO BE PLACED
 ACCORDING TO INSTRUCTIONAL
 BULLETIN NO. 2009-02
 SEE PIPE DATA SHEET FOR LOCATIONS



MATCHLINE STA. 208 + 04.02
 SEE SHEET D19

MATCHLINE STA. 309 + 00.00
 SEE SHEET D9

REMOVE ALL EXISTING STORM SEWER
 SYSTEMS WITHIN RIGHT-OF-WAY
 UNLESS OTHERWISE SPECIFIED.



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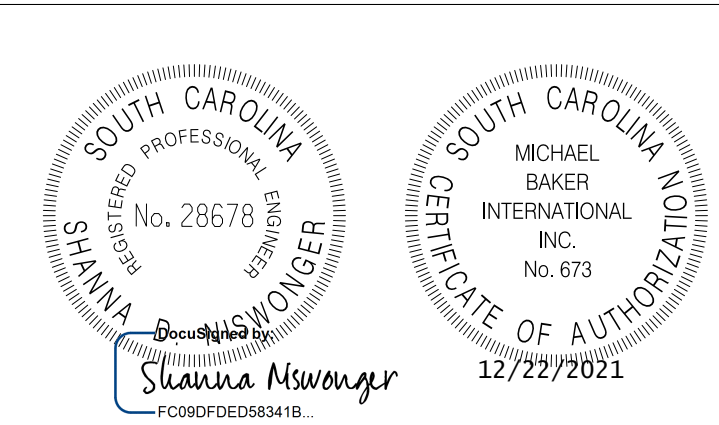
TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
 DRAINAGE SHEET
 STA. 303 + 21.58 TO STA. 309 + 00.00

SHEET D20 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D20A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Link Invert (ft)	Node Description	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓		
	NP-20-1	14"x23"	1	32	0.19	-	304+17.69	78.69	-	304+50.26	78.63	1.25	1.25	7	13	NA		IV		NA		DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
	NP-20-2	14"x23"	1	32	0.31	-	305+85.65	78.22	-	306+18.30	78.12	1.30	1.30	7	13	NA		IV		NA		DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
	NP-20-3	14"x23"	1	34	0.29	-	308+10.50	77.07	-	308+45.38	76.97	1.05	1.05	7	13	NA		IV		NA		DRIVEWAY PIPE ENSURE MINIMUM 0.5' COVER. **RIPRAP**	
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																							



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TOWN OF SUMMERVILLE

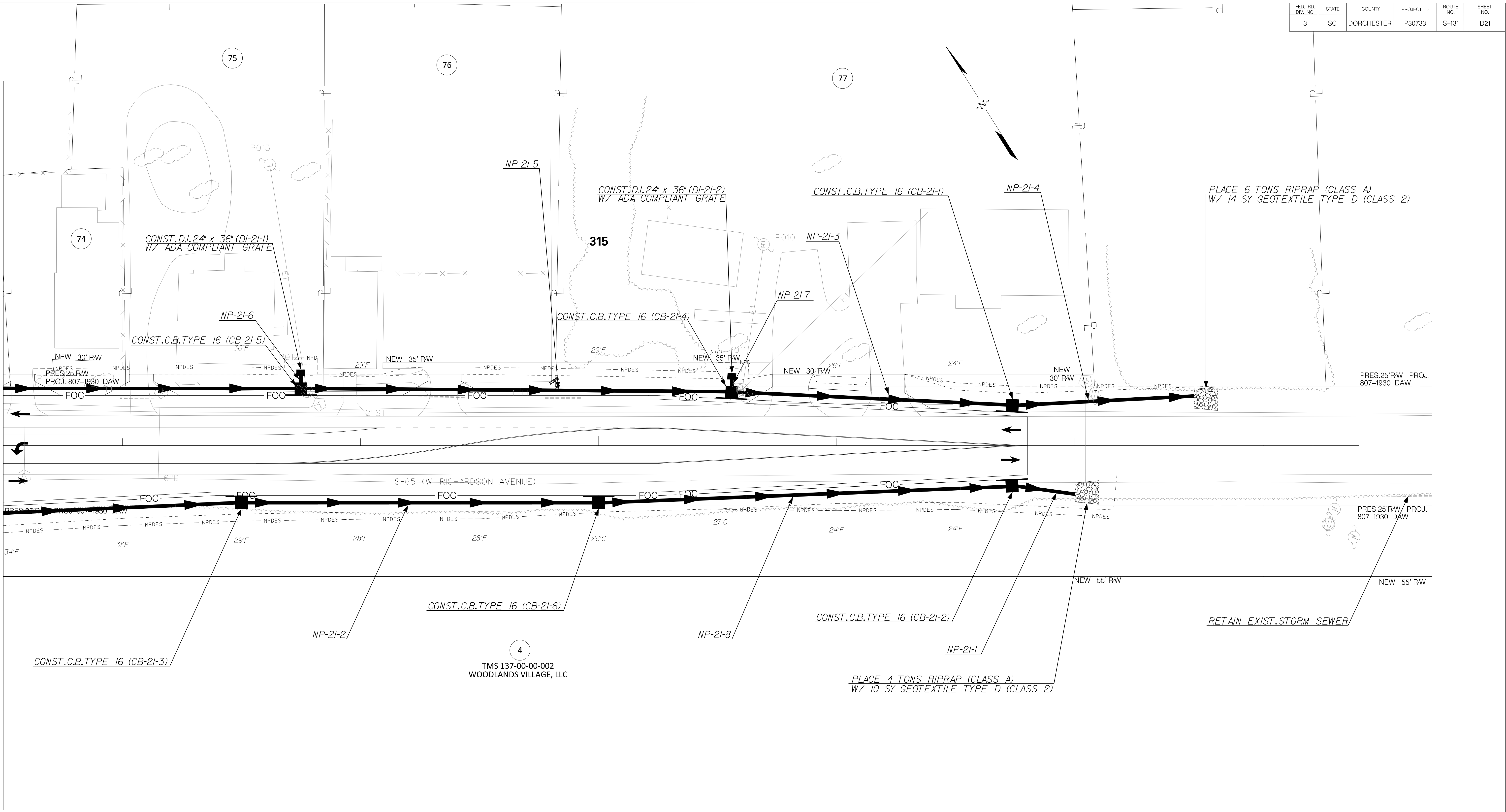
S-65 (W RICHARDSON AVENUE)
PIPE DATA SHEET
STA. 303+21.58 TO STA. 309+00.00

SHEET D20A SCALE: 1" = 20'

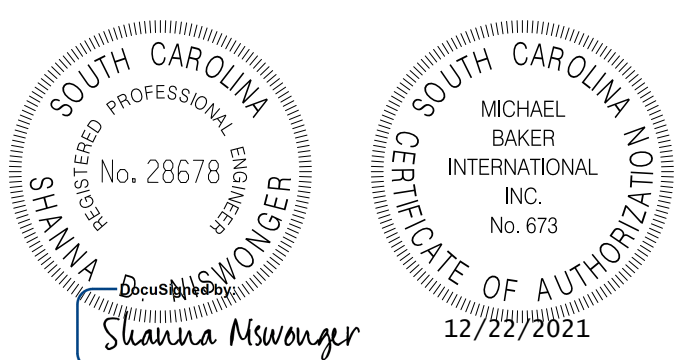
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D21

MATCHLINE STA. 312+50
SEE SHEET D9



REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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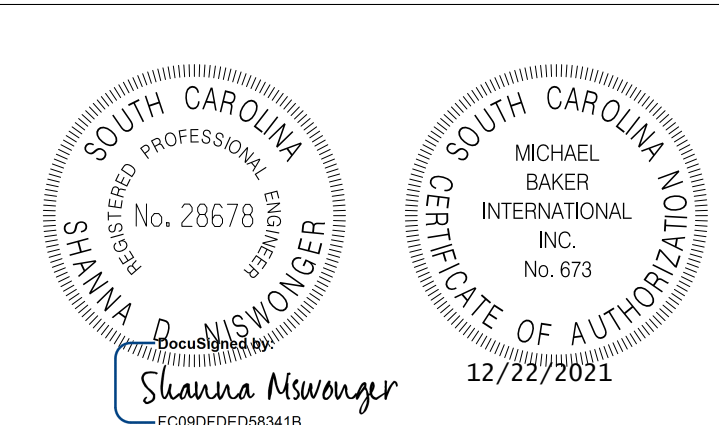
TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
DRAINAGE SHEET
STA. 312+50.00 TO STA. 316+49.74

SHEET D21 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D21A

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options						Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Station	Link Invert (ft)	Node Description	Node Station	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓	
	NP-21-1	18	1	25	0.24	CB-21-2	C.B. TYPE 16	316+73.48	74.46	OF-21-1	OUTLET PIPE	317+00.00	74.40	2.39	2.39	6	13	S		III		16ga		
	NP-21-2	18	1	146	0.20	CB-21-3	C.B. TYPE 16	313+50.00	75.09	CB-21-6	C.B. TYPE 16	315+00.00	74.80	2.47	2.64	6	13	S		III		16ga		
	NP-21-3	18	1	114	0.17	CB-21-4	C.B. TYPE 16	315+55.78	75.31	CB-21-1	C.B. TYPE 16	316+73.59	75.12	1.72	1.79	5	13	S		III		16ga		
	NP-21-4	18	1	74	0.16	CB-21-1	C.B. TYPE 16	316+73.59	75.12	OF-21-2	OUTLET PIPE	317+50.00	75.00	1.72	1.72	5	13	S		III		16ga		
	NP-21-5	18	1	177	0.16	CB-21-5	C.B. TYPE 16	313+75.00	75.60	CB-21-4	C.B. TYPE 16	315+55.78	75.31	1.79	2.07	5	13	S		III		16ga		
	NP-21-6	18	1	4	2.80	DI-21-1	D.I. 24"X36"	313+75.00	75.70	CB-21-5	C.B. TYPE 16	313+75.00	75.60	0.90	2.07	5	13	S		III		16ga		
	NP-21-7	18	1	4	2.56	DI-21-2	D.I. 24"X36"	315+56.00	75.40	CB-21-4	C.B. TYPE 16	315+55.78	75.31	1.00	1.79	5	13	S		III		16ga		
	NP-21-8	18	1	170	0.20	CB-21-6	C.B. TYPE 16	315+00.00	74.80	CB-21-2	C.B. TYPE 16	316+73.48	74.46	2.39	2.47	6	13	S		III		16ga		



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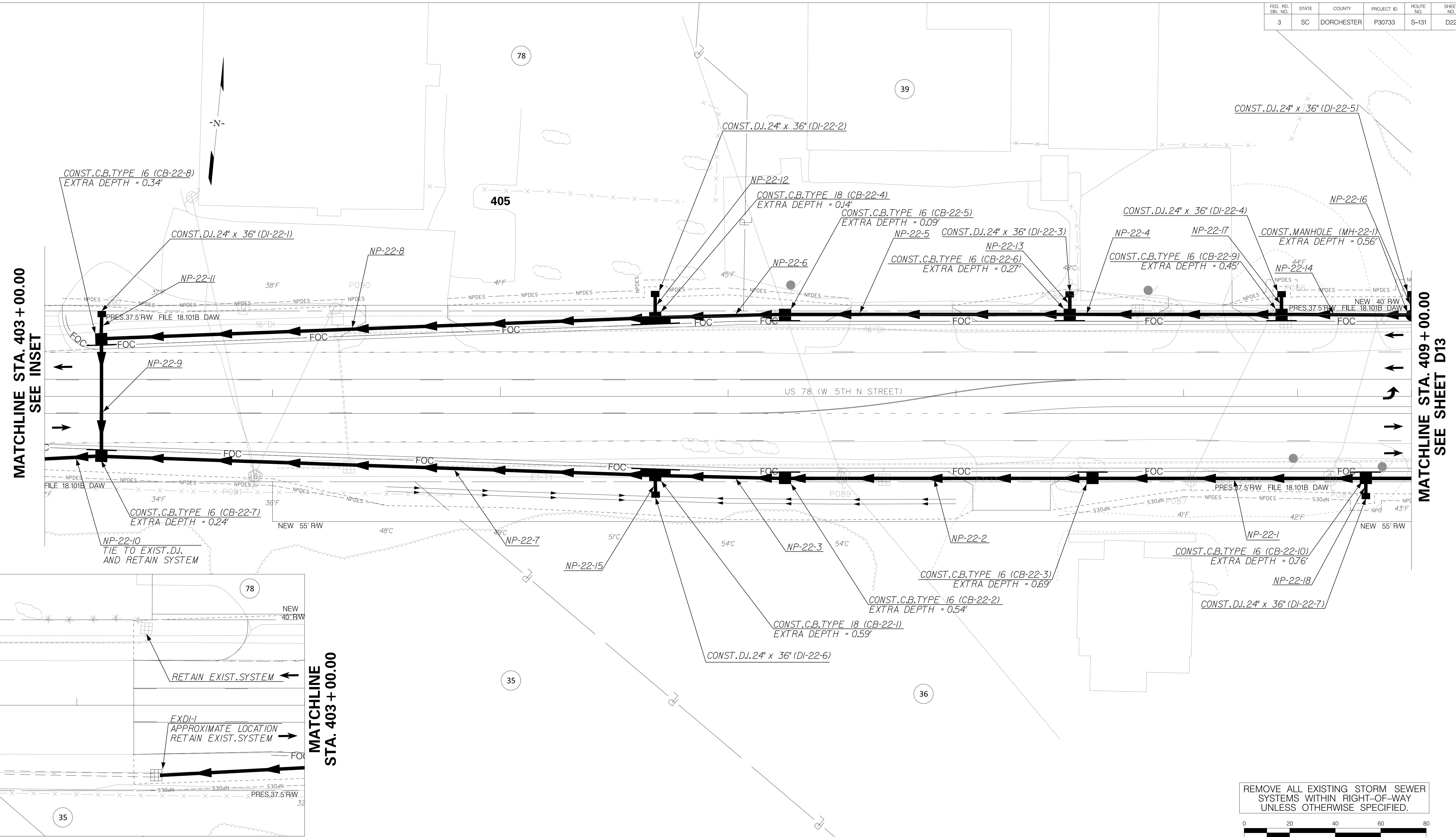
TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
 PIPE DATA SHEET
 STA. 312+50.00 TO STA. 316+49.74

SHEET D21A SCALE: 1" = 20'

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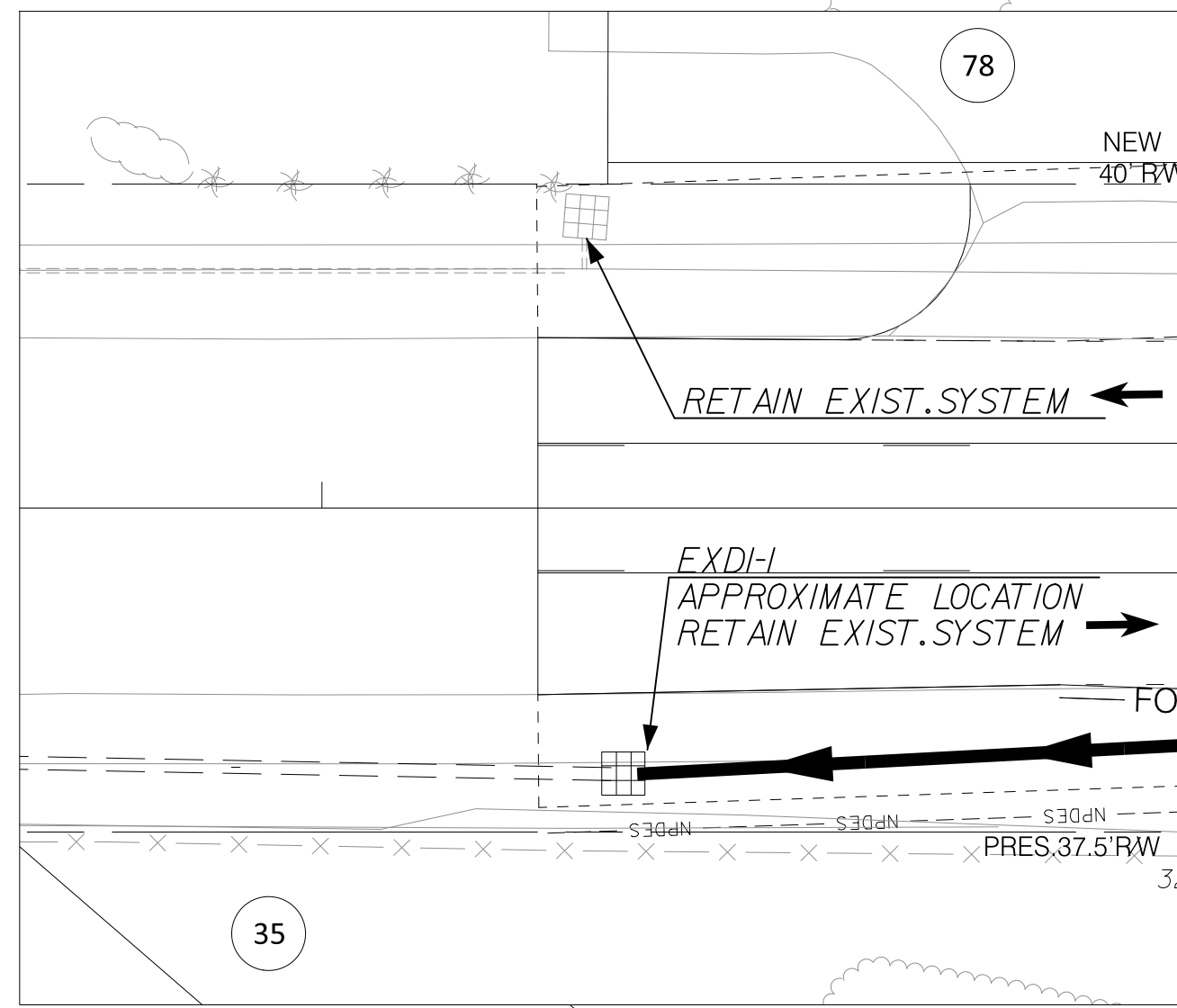
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D22



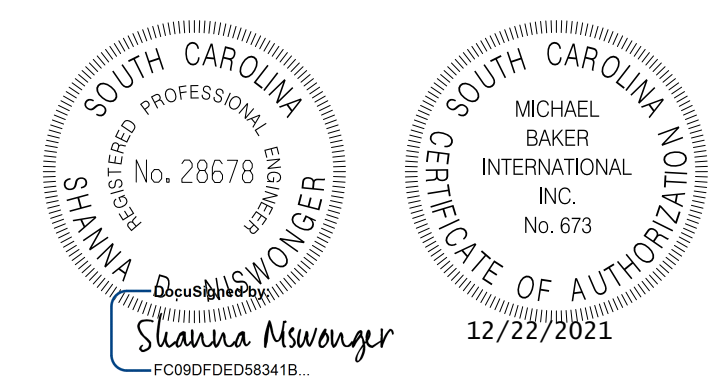
MATCHLINE STA. 403 + 00.00
SEE INSET

MATCHLINE STA. 409 + 00.00
SEE SHEET D13

MATCHLINE
STA. 403 + 00.00



REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
DRAINAGE SHEET
STA. 403 + 27.90 TO STA. 409 + 00.00

SHEET D22 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D22A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Link Invert (ft)	Node Description	Node Station	Node Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓		
	NP-22-1	30	1	116	0.24	CB-22-10	C.B. TYPE 16	408+80.00	73.97	CB-22-3	C.B. TYPE 16	407+60.00	73.69	4.19	4.26	9	13	S		III		16ga	
	NP-22-2	30	1	131	0.23	CB-22-3	C.B. TYPE 16	407+60.00	73.69	CB-22-2	C.B. TYPE 16	406+25.00	73.39	4.04	4.19	9	13	S		III		16ga	
	NP-22-3	30	1	53	0.21	CB-22-2	C.B. TYPE 16	406+25.00	73.39	CB-22-1	C.B. TYPE 18	405+68.18	73.28	4.04	4.09	9	13	S		III		16ga	
	NP-22-4	24	1	89	0.10	CB-22-9	C.B. TYPE 16	408+43.00	74.17	CB-22-6	C.B. TYPE 16	407+50.00	74.08	4.27	4.45	9	13	S		III		16ga	
	NP-22-5	24	1	121	0.20	CB-22-6	C.B. TYPE 16	407+50.00	74.08	CB-22-5	C.B. TYPE 16	406+25.00	73.84	4.09	4.27	9	13	S		III		16ga	
	NP-22-6	24	1	53	0.28	CB-22-5	C.B. TYPE 16	406+25.00	73.84	CB-22-4	C.B. TYPE 18	405+68.18	73.69	4.09	4.14	9	13	S		III		16ga	
	NP-22-7	30	1	239	0.14	CB-22-1	C.B. TYPE 18	405+68.18	73.24	CB-22-7	C.B. TYPE 16	403+24.96	72.91	3.74	4.09	9	13	S		III		16ga	
	NP-22-8	24	1	239	0.20	CB-22-4	C.B. TYPE 18	405+68.18	73.69	CB-22-8	C.B. TYPE 16	403+24.96	73.20	4.10	4.14	9	13	S		III		16ga	
	NP-22-9	24	1	48	0.61	CB-22-8	C.B. TYPE 16	403+24.96	73.20	CB-22-7	C.B. TYPE 16	403+24.96	72.91	2.11	2.21	9	13	S		III		16ga	
	NP-22-10	30	1	86	0.14	CB-22-7	C.B. TYPE 16	403+24.96	72.91	EXD-1	D.I. 24"X36"	402+35.00	72.79	1.71	3.74	9	13	S		III		16ga	
	NP-22-11	24	1	8	1.29	DI-22-1	D.I. 24"X36"	403+25.00	73.80	CB-22-8	C.B. TYPE 16	403+24.96	73.70	0.70	4.60	9	13	S		III		16ga	
	NP-22-12	18	1	7	1.48	DI-22-2	D.I. 24"X36"	405+68.00	74.30	CB-22-4	C.B. TYPE 18	405+68.18	74.19	1.30	4.64	9	13	S		III		16ga	
	NP-22-13	18	1	6	3.81	DI-22-3	D.I. 24"X36"	407+50.00	74.80	CB-22-6	C.B. TYPE 16	407+50.00	74.58	2.10	4.77	9	13	S		III		16ga	
	NP-22-14	24	1	53	0.11	MH-22-1	M.H.	409+00.00	74.23	CB-22-9	C.B. TYPE 16	408+43.00	74.17	4.45	4.56	9	13	S		III		16ga	
	NP-22-15	18	1	5	0.55	DI-22-6	D.I. 24"X36"	405+68.18	74.31	CB-22-1	C.B. TYPE 18	405+68.18	74.28	0.94	5.09	9	13	S		III		16ga	
	NP-22-16	18	1	7	1.07	DI-22-5	D.I. 24"X36"	409+00.00	74.80	MH-22-1	M.H.	409+00.00	74.73	2.49	5.06	9	13	S		III		16ga	
	NP-22-17	18	1	6	2.20	DI-22-4	D.I. 24"X36"	408+43.00	74.80	CB-22-9	C.B. TYPE 16	408+43.00	74.67	2.30	4.95	9	13	S		III		16ga	
	NP-22-18	18	1	5	0.63	DI-22-7	D.I. 24"X36"	408+80.00	74.00	CB-22-10	C.B. TYPE 16	408+80.00	73.97	3.50	5.26	9	13	S		III		16ga	



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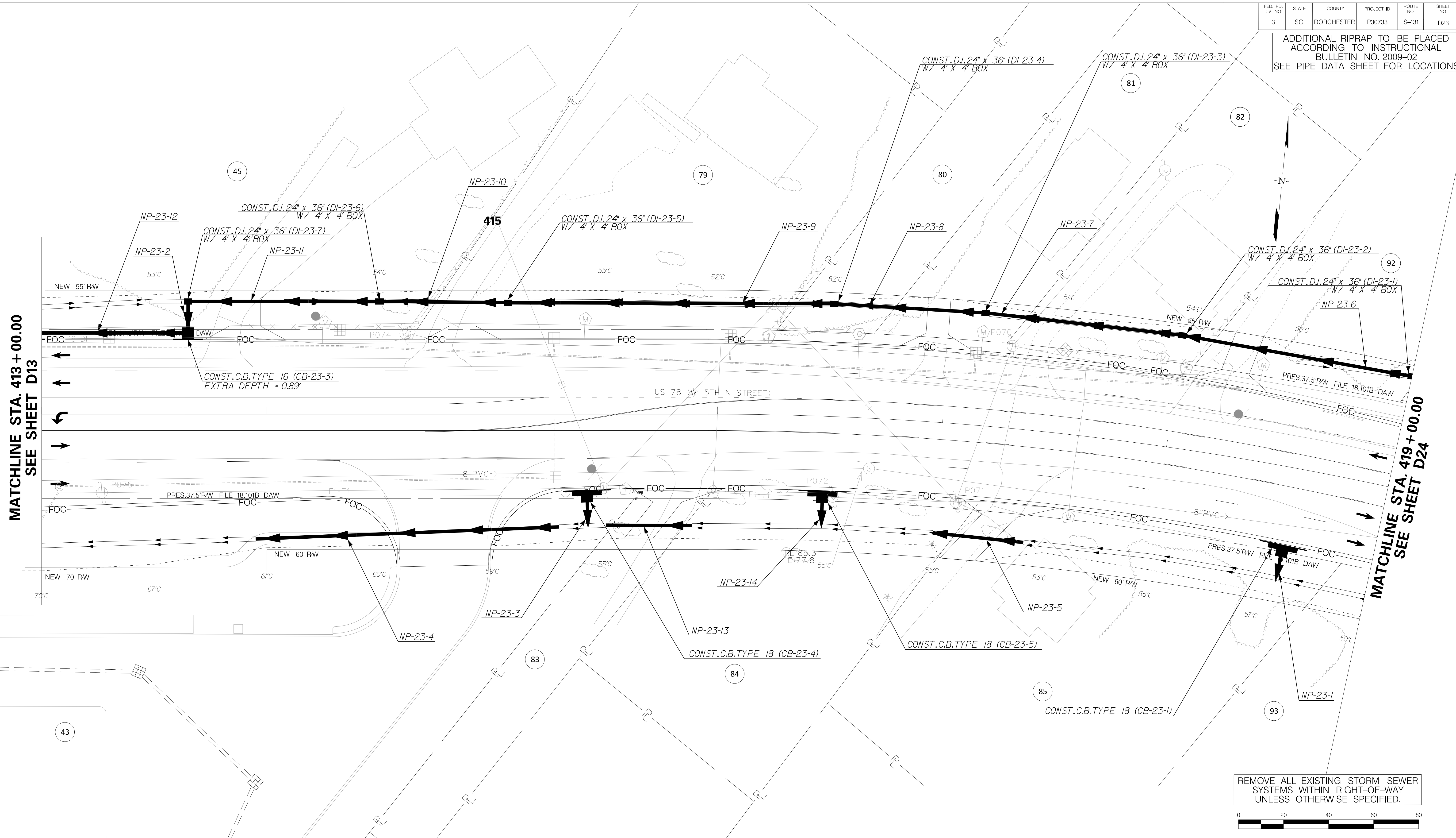
TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PIPE DATA SHEET
STA. 403+27.90 TO STA. 409+00.00

SHEET D22A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D23

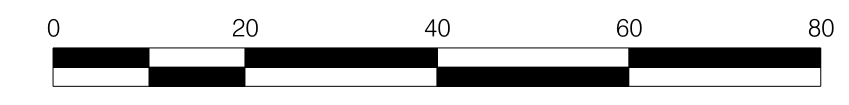
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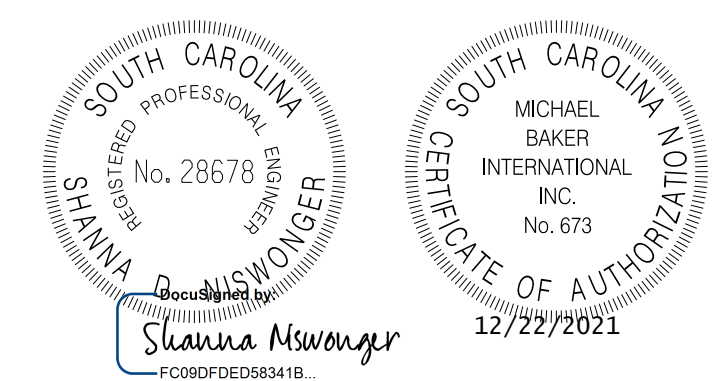
MATCHLINE STA. 413+00.00 SEE SHEET D13

MATCHLINE STA. 419+00.00 SEE SHEET D24

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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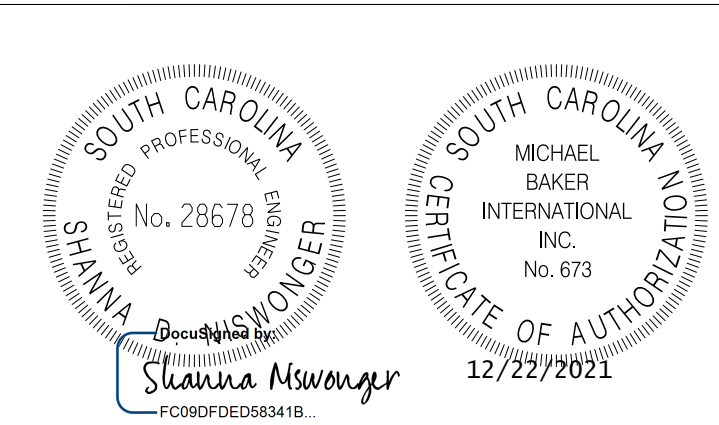


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TOWN OF SUMMERVILLE
 US 78 (W 5TH N STREET)
 DRAINAGE SHEET
 STA. 413+00.00 TO STA. 419+00.00
 SHEET D23 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D23A

Smooth Wall Pipe																								
System ID	Link ID	Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					Notes	
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Station	Link Invert (ft)	Node Description	Node Station	Node Station	Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage		Built ✓
	NP-23-1	14"X23"	1	9	0.55	CB-23-1	C.B. TYPE 18	418+59.00	77.83	OF-23-1	OUTLET PIPE	418+58.50	77.78	2.44	2.44	4	13	NA		III		NA		**RIPRAP**
	NP-23-2	24	1	11	0.09	DI-23-7	D.I. 24"X36"	413+65.00	74.77	CB-23-3	C.B. TYPE 16	413+65.00	74.76	0.73	4.89	2	13	S		III		16ga		
	NP-23-3	18	1	10	0.51	CB-23-4	C.B. TYPE 18	415+42.00	77.52	OF-23-4	OUTLET PIPE	415+42.50	77.47	2.50	2.50	2	13	S		III		16ga		**RIPRAP**
	NP-23-4	18	1	135	0.10	-	-	415+29.73	77.46	-	-	413+95.00	77.32	1.25	1.25	2	13	S		IV		16ga		DRIVEWAY PIPE **RIPRAP**
	NP-23-5	18	1	40	0.10	-	-	417+41.05	77.67	-	-	416+99.18	77.63	1.30	1.30	4	13	S		IV		16ga		DRIVEWAY PIPE **RIPRAP**
	NP-23-6	18	1	100	0.18	DI-23-1	D.I. 24"X36"	419+00.00	75.66	DI-23-2	D.I. 24"X36"	418+00.00	75.48	1.72	1.85	4	13	S		III		16ga		
	NP-23-7	24	1	85	0.10	DI-23-2	D.I. 24"X36"	418+00.00	75.48	DI-23-3	D.I. 24"X36"	417+15.00	75.39	1.22	1.61	4	13	S		III		16ga		
	NP-23-8	24	1	64	0.20	DI-23-3	D.I. 24"X36"	417+15.00	75.39	DI-23-4	D.I. 24"X36"	416+50.00	75.26	1.61	1.69	4	13	S		III		16ga		
	NP-23-9	24	1	142	0.20	DI-23-4	D.I. 24"X36"	416+50.00	75.26	DI-23-5	D.I. 24"X36"	415+07.00	74.97	1.03	1.69	2	13	S		III		16ga		
	NP-23-10	24	1	54	0.19	DI-23-5	D.I. 24"X36"	415+07.00	74.97	DI-23-6	D.I. 24"X36"	414+50.00	74.87	0.61	1.03	2	13	S		III		16ga		
	NP-23-11	24	1	82	0.12	DI-23-6	D.I. 24"X36"	414+50.00	74.87	DI-23-7	D.I. 24"X36"	413+65.00	74.77	0.61	0.73	2	13	S		III		16ga		
	NP-23-12	24	1	66	0.06	CB-23-3	C.B. TYPE 16	413+65.00	74.76	CB-13-14	C.B. TYPE 16	412+95.00	74.72	4.67	4.89	2	13	S		III		16ga		
	NP-23-13	18	1	38	0.10	-	-	415+88.61	77.52	-	-	415+50.48	77.48	1.20	1.20	2	13	S		IV		16ga		DRIVEWAY PIPE **RIPRAP**
	NP-23-14	14"X23"	1	10	0.51	CB-23-5	C.B. TYPE 18	416+47.85	77.63	OF-23-5	OUTLET PIPE	416+47.88	77.58	2.76	2.76	4	13	NA		III		NA		**RIPRAP**
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																								



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PIPE DATA SHEET
STA. 413+00.00 TO STA. 419+00.00

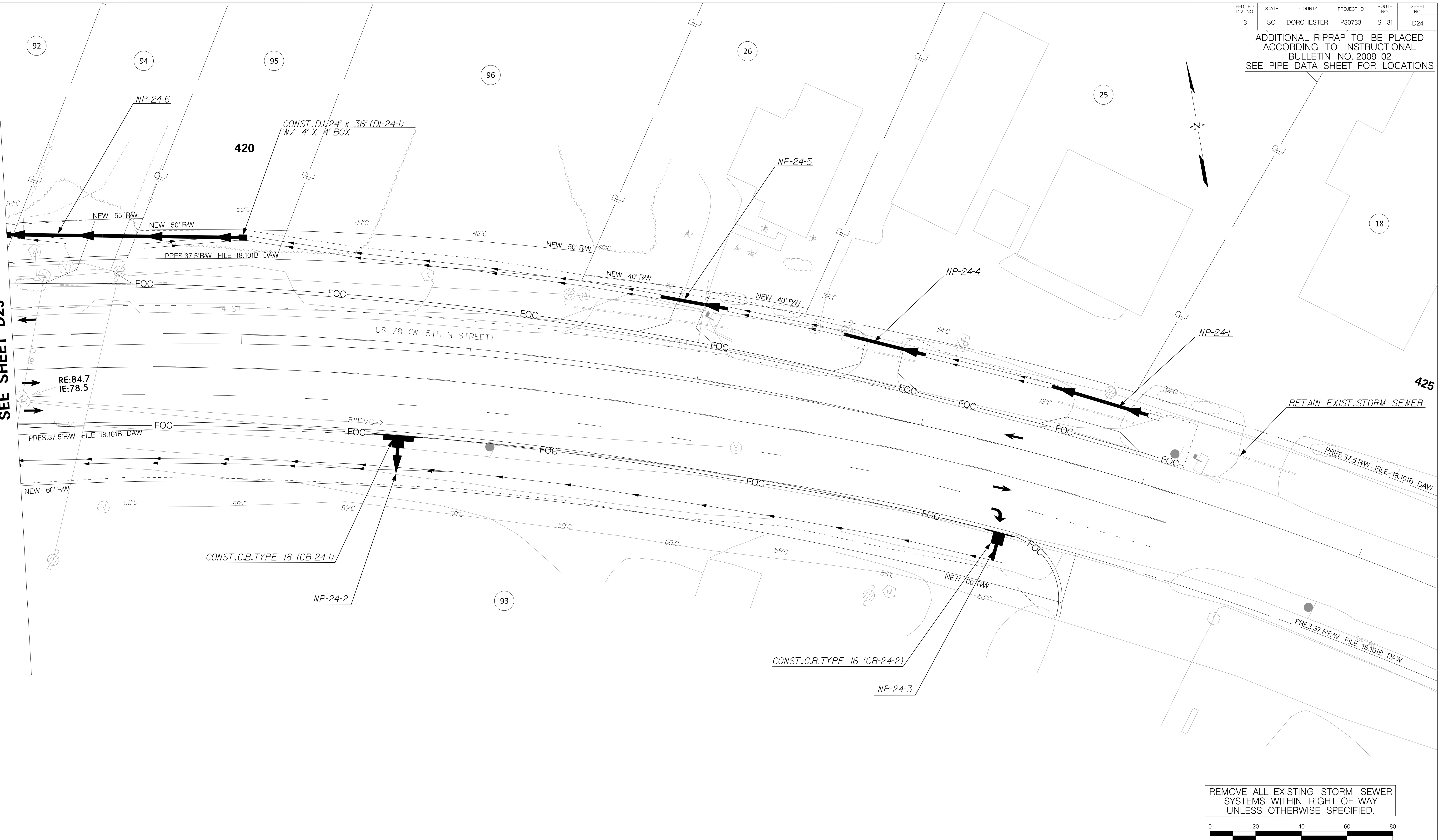
SHEET D23A SCALE: 1" = 20'

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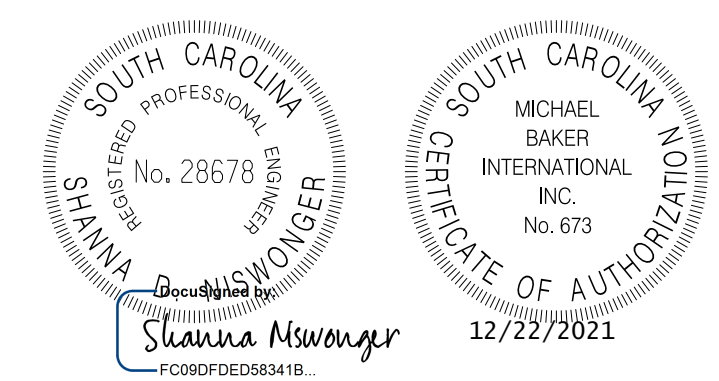
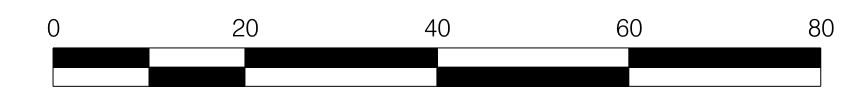
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D24

ADDITIONAL RIPRAP TO BE PLACED ACCORDING TO INSTRUCTIONAL BULLETIN NO. 2009-02 SEE PIPE DATA SHEET FOR LOCATIONS

MATCHLINE STA. 419 + 00.00 SEE SHEET D23



REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
DRAINAGE SHEET
STA. 419+00 TO STA 424+15.00

SHEET D24 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D24A

Smooth Wall Pipe																							
System ID	Link ID	Geometry				Upstream			Downstream				Fill Height		Min Field	Joint	Smooth Wall Options						Notes
		Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Node Description	Node Station	Node Link Invert (ft)	Node Description	Node Station	Node Link Invert (ft)	Min (ft)	Max (ft)	SPT "N" below invert	Pressure (psi)	HDPE Type	Built	RCP Highest Class	Built	SRAP Thickest Gage	Built		
	NP-24-1	14"x23"	1	44	0.09	-	-	423+93.98	79.04	-	-	423+50.84	79.00	1.20	1.20	1	13	NA		IV		NA	DRIVEWAY PIPE. ENSURE MINIMUM 0.5' COVER. **RIPRAP**
	NP-24-2	14"x23"	1	9	0.55	CB-24-1	C.B. TYPE 18	420+71.14	78.05	OF-24-1	OUTLET PIPE	420+71.00	78.00	2.20	2.20	1	13	NA		III		NA	**RIPRAP**
	NP-24-3	14"x23"	1	8	0.65	CB-24-2	C.B. TYPE 16	423+45.00	78.35	OF-24-3	OUTLET PIPE	423+45.00	78.30	1.60	1.60	1	13	NA		III		NA	**RIPRAP**
	NP-24-4	14"x23"	1	37	0.41	-	-	422+95.16	78.94	-	-	422+58.98	78.79	1.20	1.20	1	13	NA		IV		NA	DRIVEWAY PIPE. ENSURE MINIMUM 0.5' COVER. **RIPRAP**
	NP-24-5	14"x23"	1	30	0.10	-	-	422+08.39	78.71	-	-	421+79.11	78.68	1.20	1.20	1	13	NA		IV		NA	DRIVEWAY PIPE. ENSURE MINIMUM 0.5' COVER. **RIPRAP**
	NP-24-6	18	1	100	0.24	DI-24-1	D.I. 24"X36"	420+00.00	75.90	DI-23-1	D.I. 24"X36"	419+00.00	75.66	0.95	1.85	1	13	S		III		16ga	
RIPRAP: INSTALL RIPRAP AT ALL EXPOSED PIPE ENDS IN ACCORDANCE WITH SCDOT INSTRUCTIONAL BULLETIN 2009-02.																							



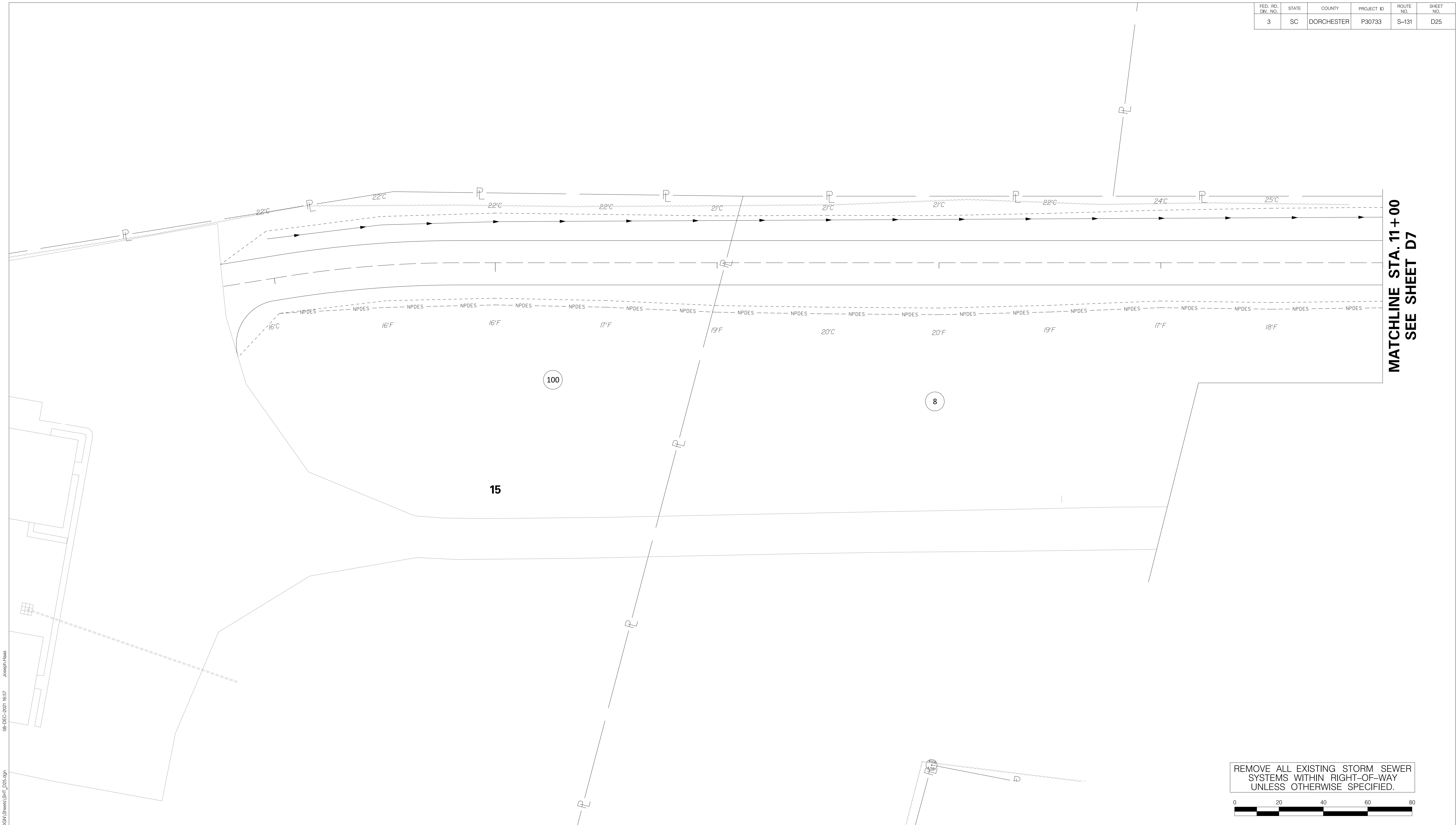
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PIPE DATA SHEET
STA. 419+00 TO STA 424+15.00

SHEET D24A SCALE: 1" = 20'

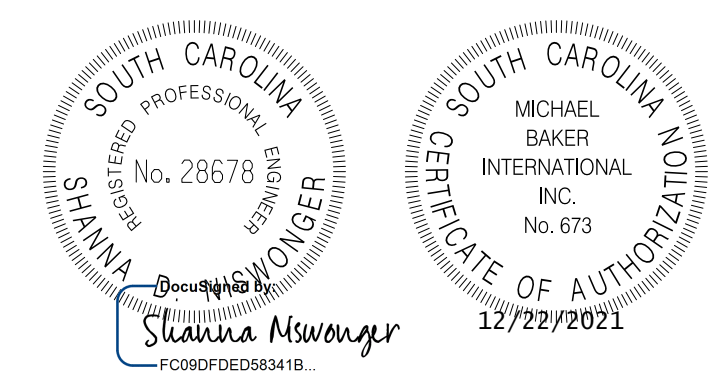
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D25



MATCHLINE STA. 11 + 00
SEE SHEET D7

REMOVE ALL EXISTING STORM SEWER SYSTEMS WITHIN RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.

08-DEC-2021 16:57 J:Joseph.Haas V:\Hydrology\TOWN\Summerville\Maple_Exp\UDON\Sheets\BTL_D25.dgn



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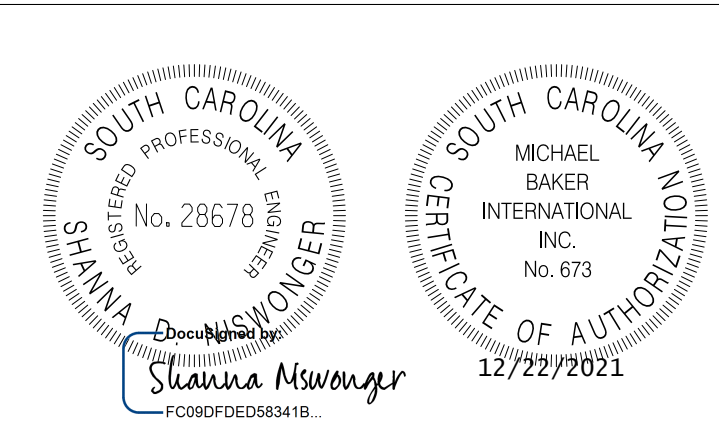
TOWN OF SUMMERVILLE

NORTH MAPLE STREET
TRACT 8 DRIVEWAY DRAINAGE SHEET
STA. 11+00.00 TO STA. 16+23.46

SHEET D25 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	D25A

NO PIPES ON SHEET D25



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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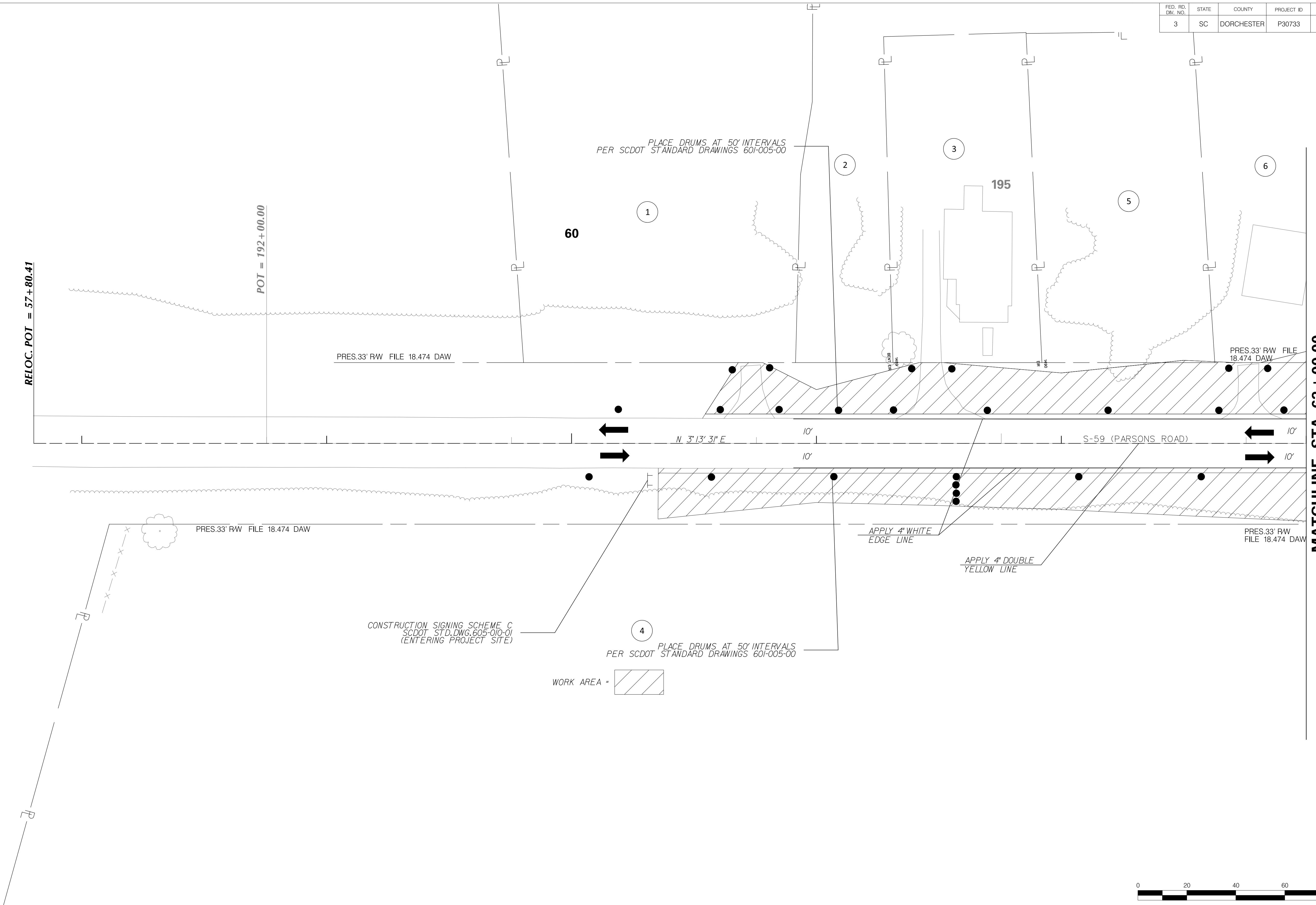
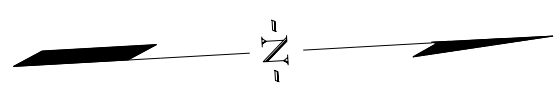
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 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

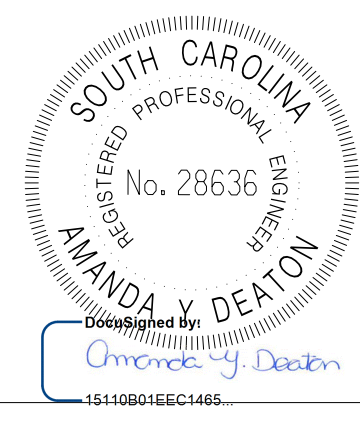
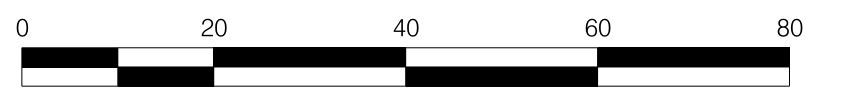
NORTH MAPLE STREET
TRACT 8 DRIVEWAY PIPE DATA SHEET
STA. 11+00.00 TO STA 16+23.46

SHEET D25A SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC6



MATCHLINE STA. 63+00.00
SEE SHEET TC7



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE _____
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TOWN OF SUMMERVILLE

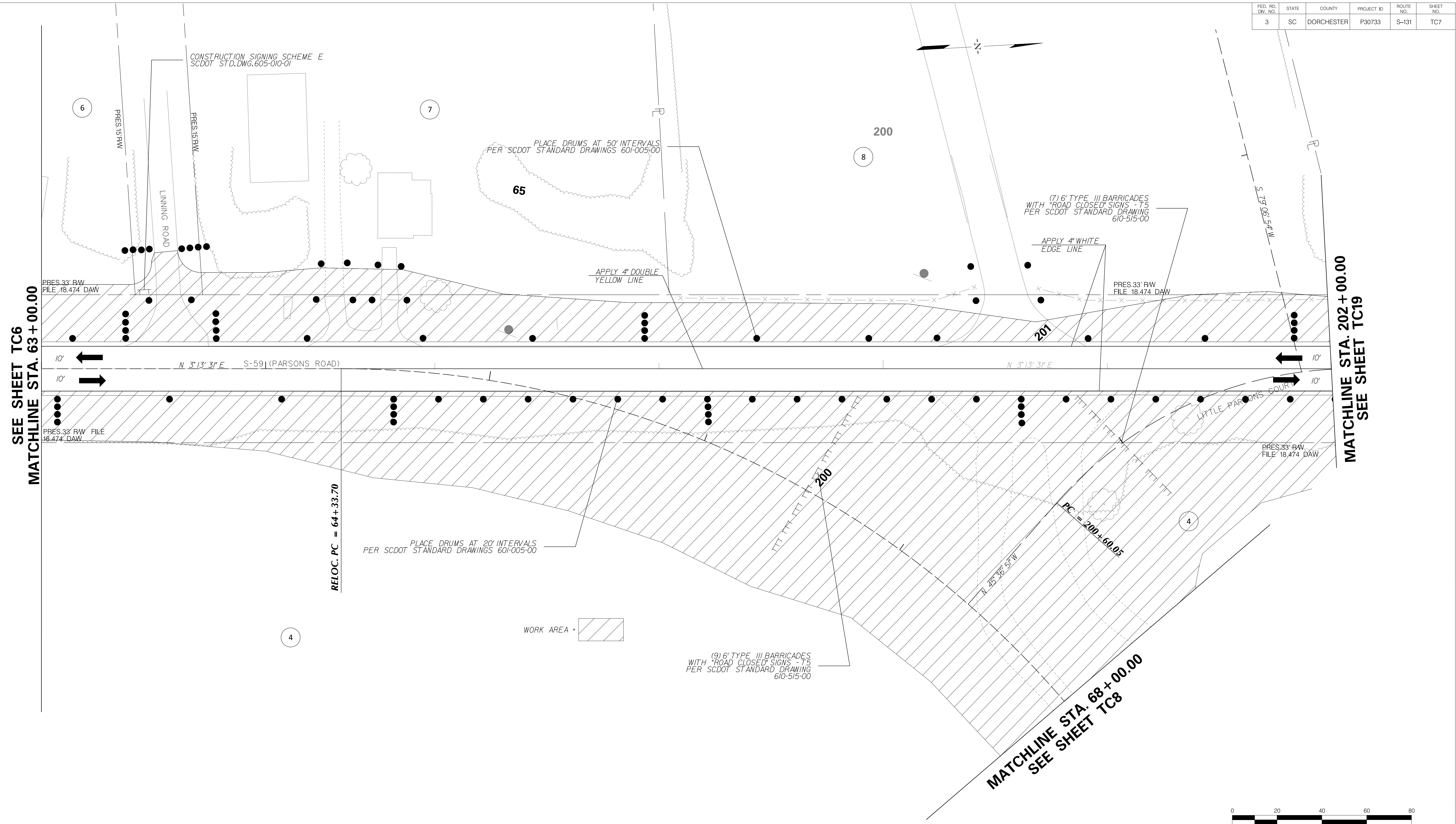
S-131 (NORTH MAPLE STREET)
 TRAFFIC CONTROL SHEET PHASE ONE
 STA. 60+90.65 TO STA. 62+00.00

SHEET TC6

SCALE: 1" = 20'

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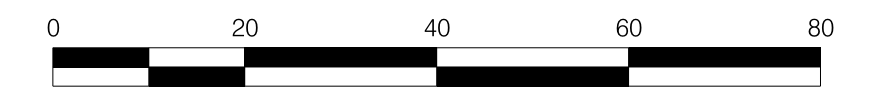
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3	SC	DORCHESTER	P30733	S-131	TC7



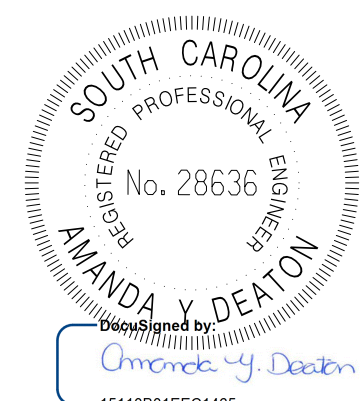
SEE SHEET TC6
MATCHLINE STA. 63+00.00

MATCHLINE STA. 202+00.00
SEE SHEET TC19

MATCHLINE STA. 68+00.00
SEE SHEET TC8



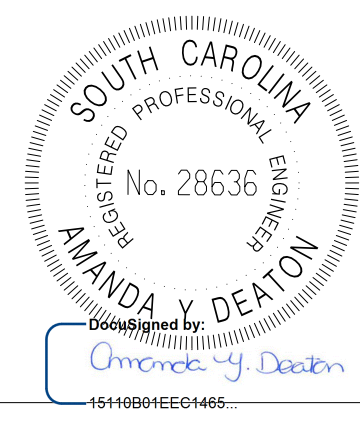
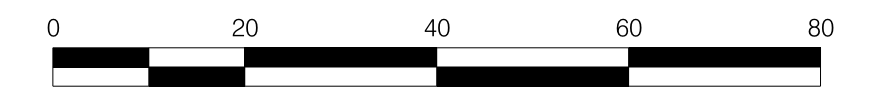
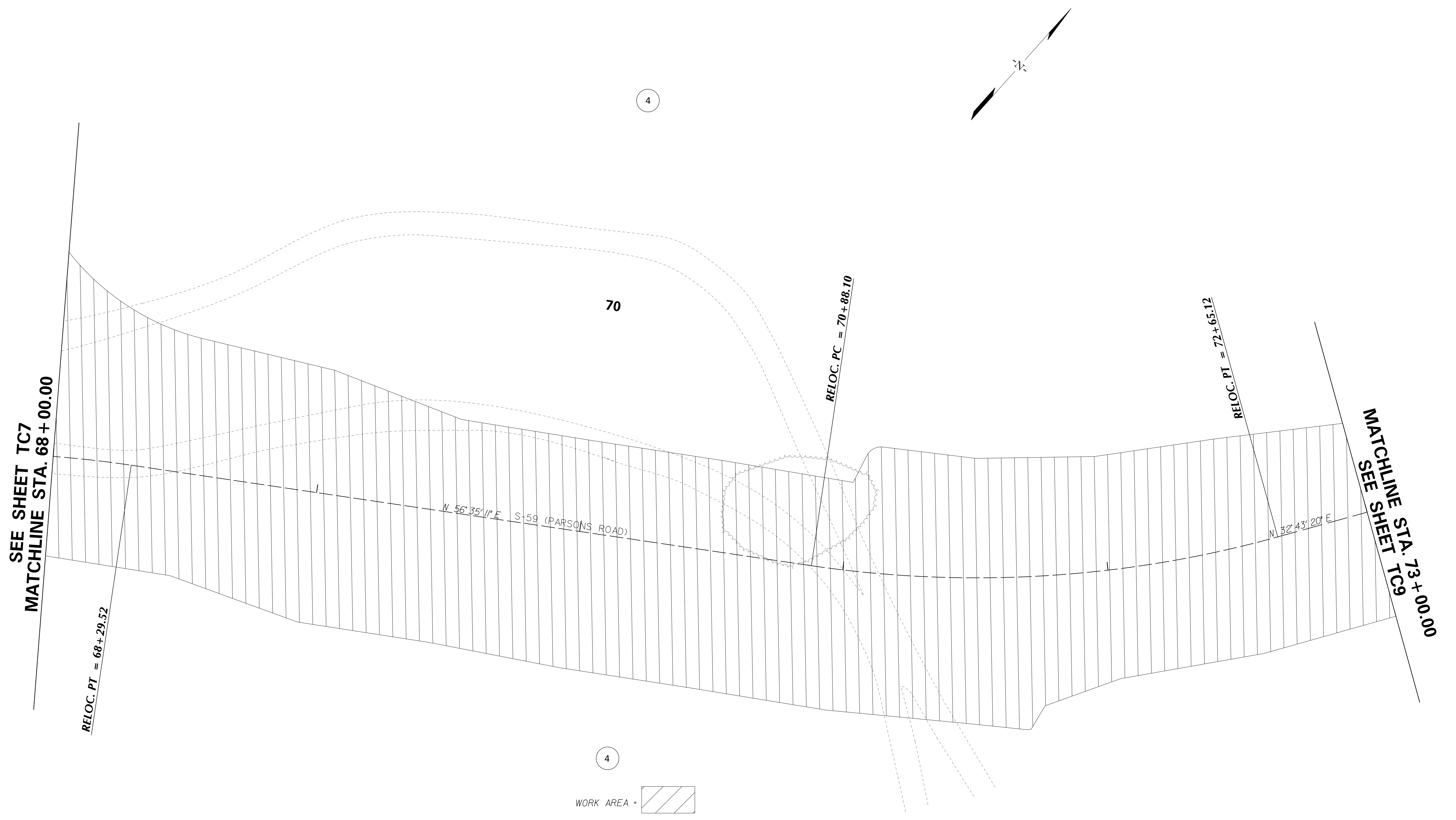
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 62+00.00 TO STA. 68+00.00
STA. 200+00 TO STA. 202+00
SHEET TC7 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC8



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 68+00.00 TO STA. 73+00.00

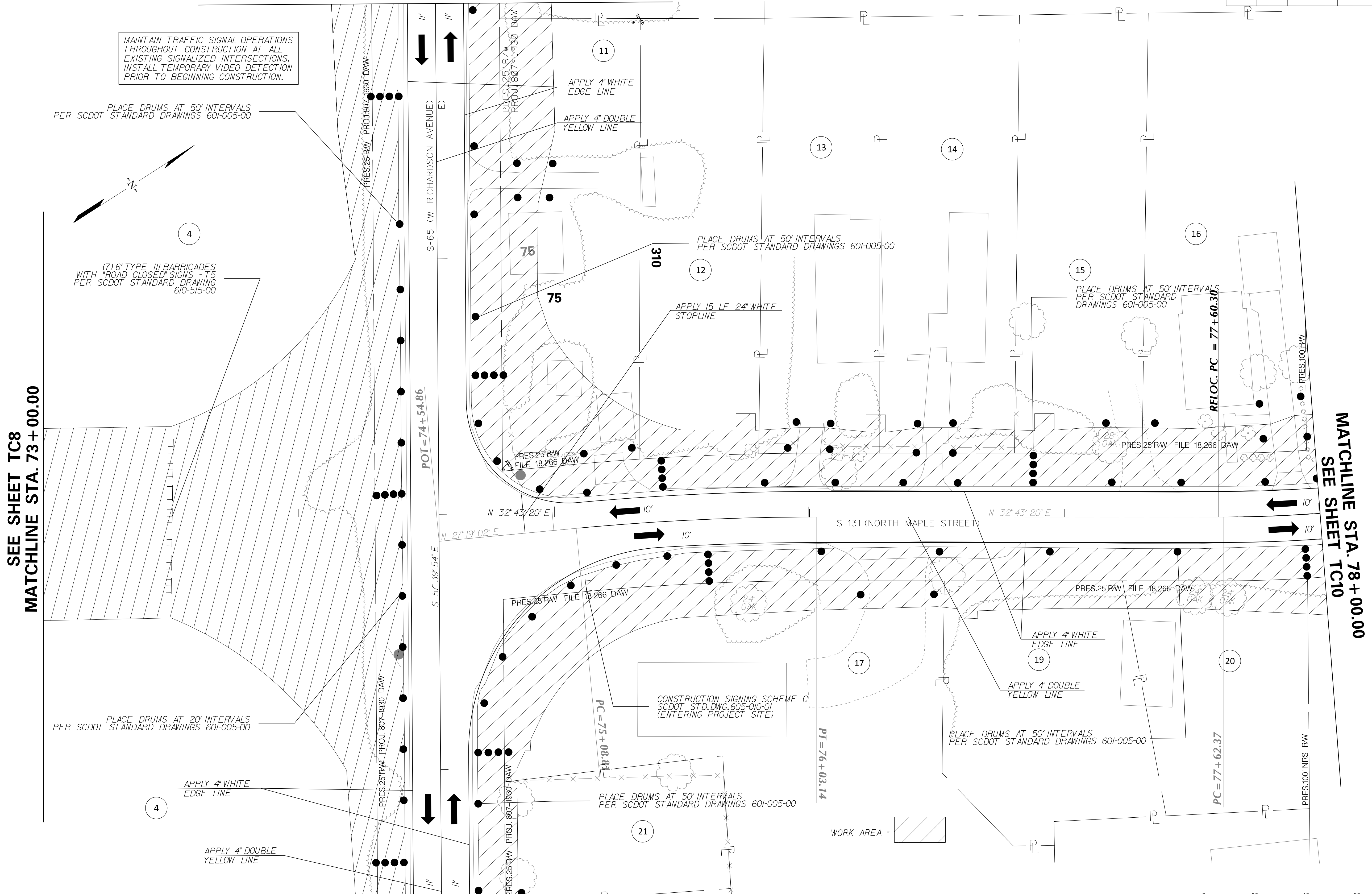
SHEET TC8

SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC9

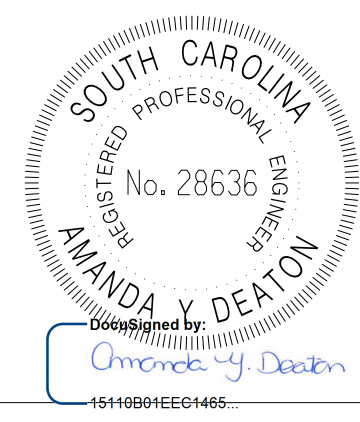
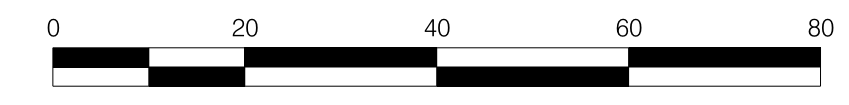
MATCHLINE STA. 309+00.00 SEE SHEET TC20



SEE SHEET TC8
MATCHLINE STA. 73+00.00

MATCHLINE STA. 78+00.00
SEE SHEET TC10

MATCHLINE STA. 312+50.00 SEE SHEET TC21

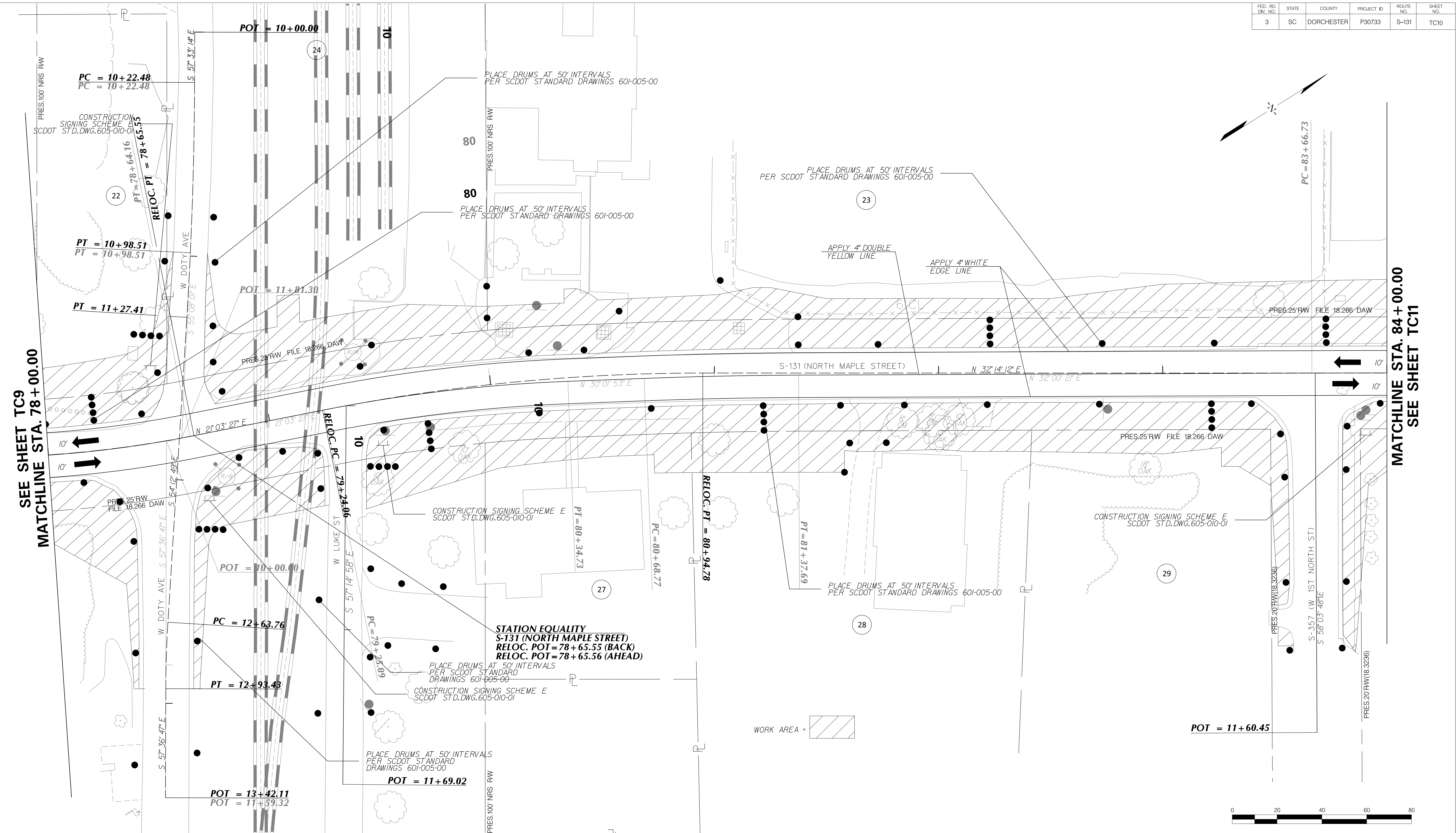


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE
S-131 (NORTH MAPLE STREET) / S-65 (W RICHARDSON AVE)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 73+00.00 TO STA. 78+00.00
STA. 309+00 TO STA. 312+50.00
SHEET TC9 SCALE: 1" = 20'

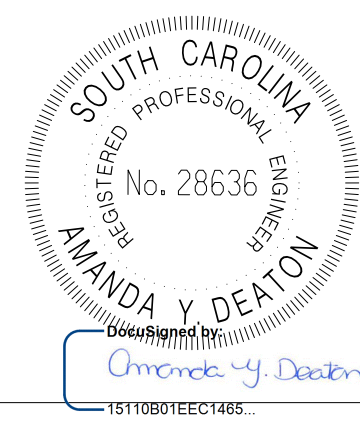
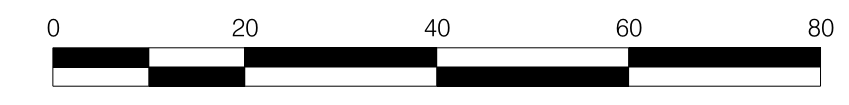
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC10



SEE SHEET TC9
MATCHLINE STA. 78 + 00.00

MATCHLINE STA. 84 + 00.00
SEE SHEET TC11



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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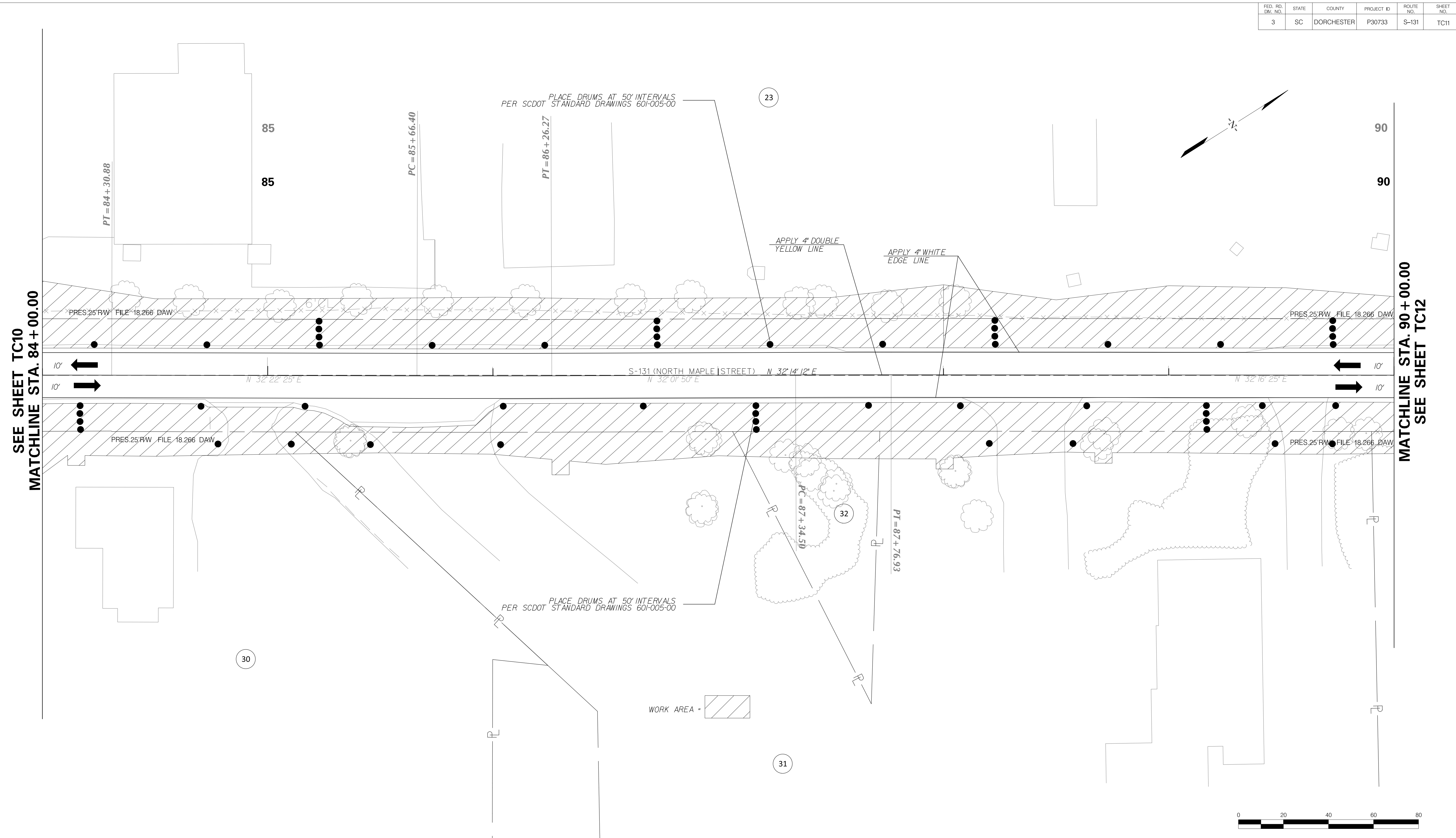
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 78 + 00.00 TO STA. 84 + 00.00

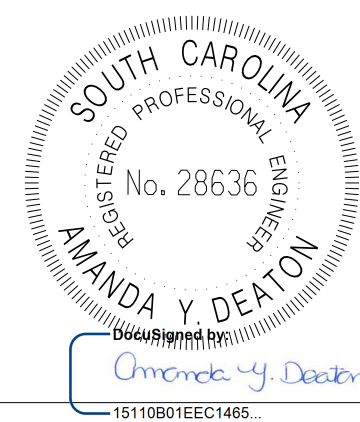
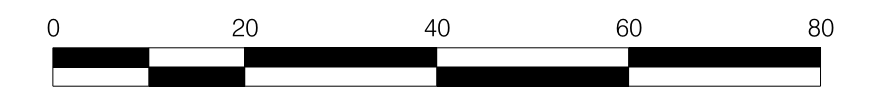
SHEET TC10 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC11



SEE SHEET TC10
MATCHLINE STA. 84+00.00

MATCHLINE STA. 90+00.00
SEE SHEET TC12



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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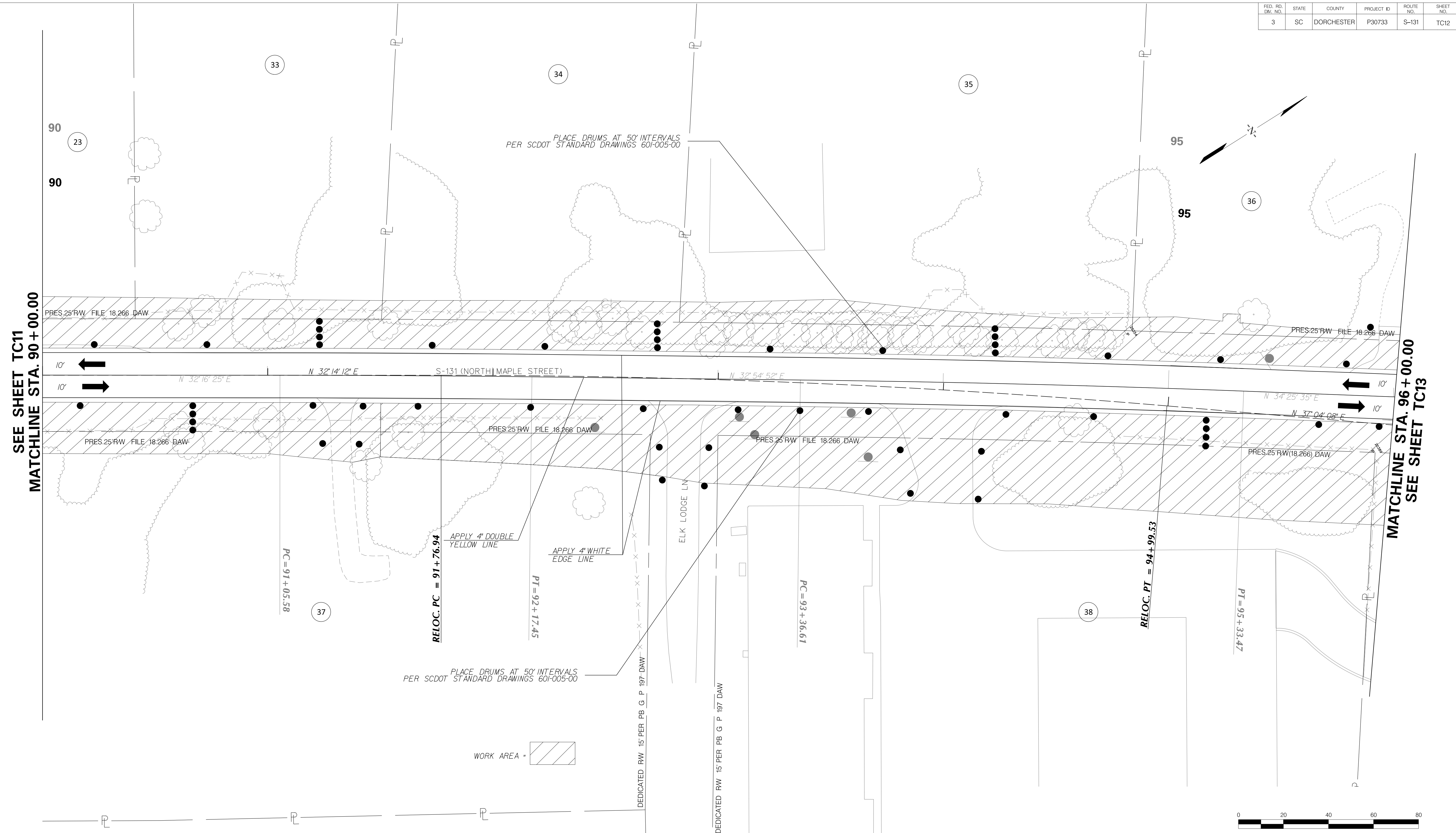
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 84+00.00 TO STA. 90+00.00

SHEET TC11 SCALE: 1" = 20'

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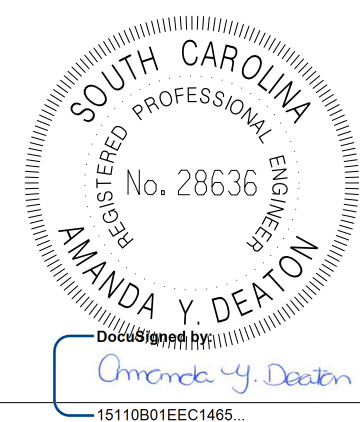
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC12



SEE SHEET TC11
MATCHLINE STA. 90+00.00

MATCHLINE STA. 96+00.00
SEE SHEET TC13

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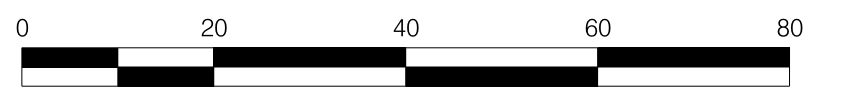


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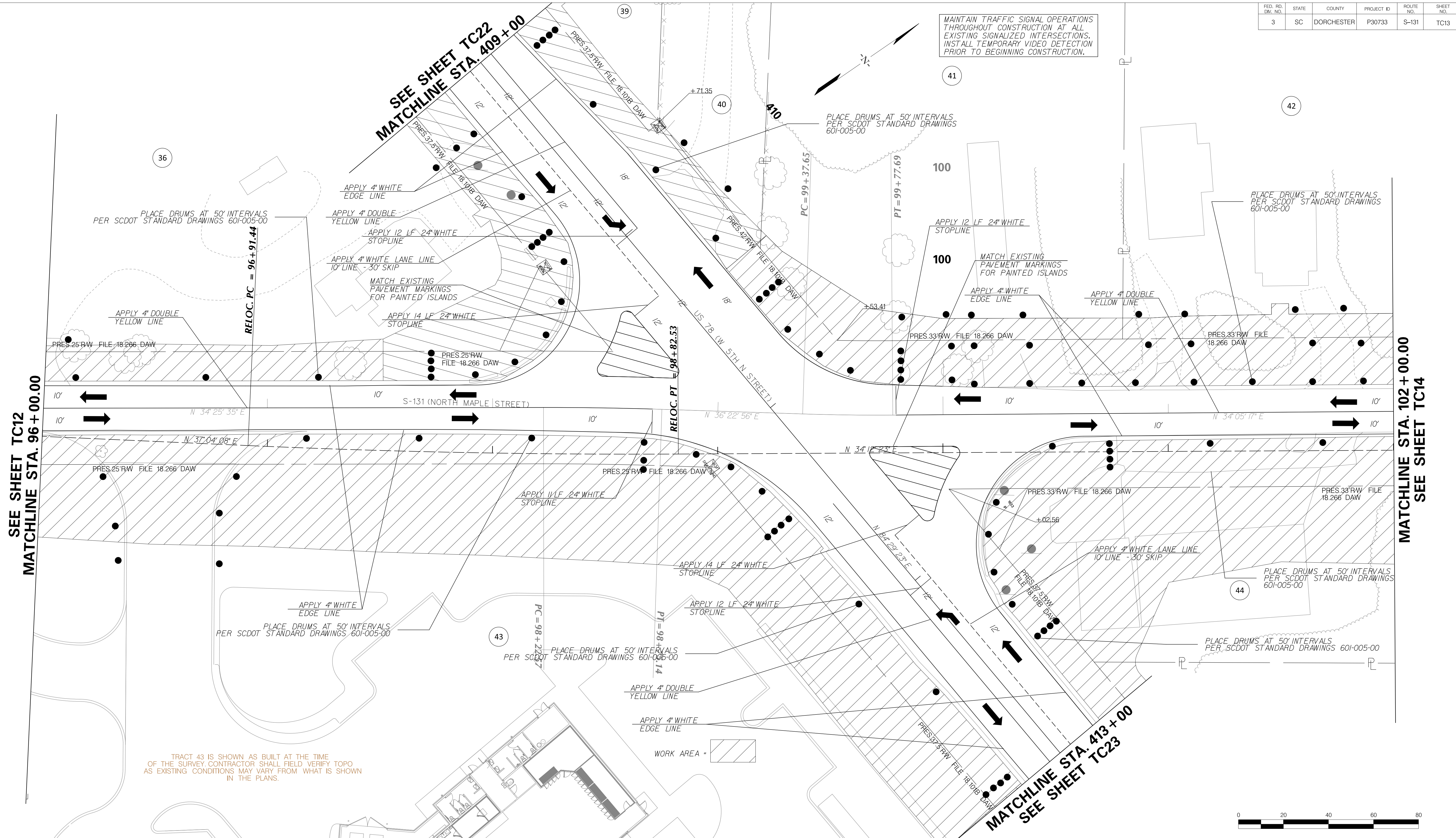
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 90+00.00 TO STA. 96+00.00

SHEET TC12 SCALE: 1" = 20'



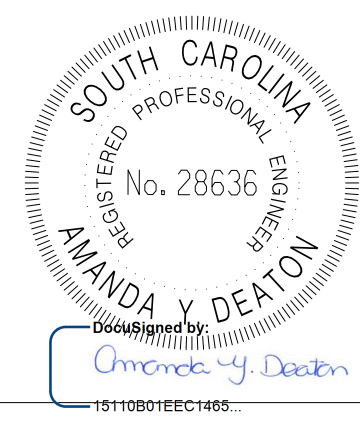
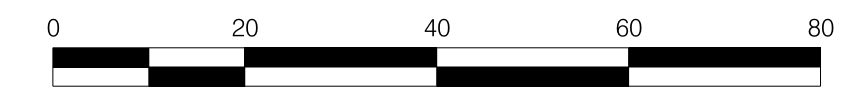
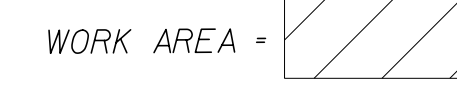
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC13



SEE SHEET TC12
MATCHLINE STA. 96+00.00

MATCHLINE STA. 102+00.00
SEE SHEET TC14

TRACT 43 IS SHOWN AS BUILT AT THE TIME OF THE SURVEY. CONTRACTOR SHALL FIELD VERIFY TOPO AS EXISTING CONDITIONS MAY VARY FROM WHAT IS SHOWN IN THE PLANS.



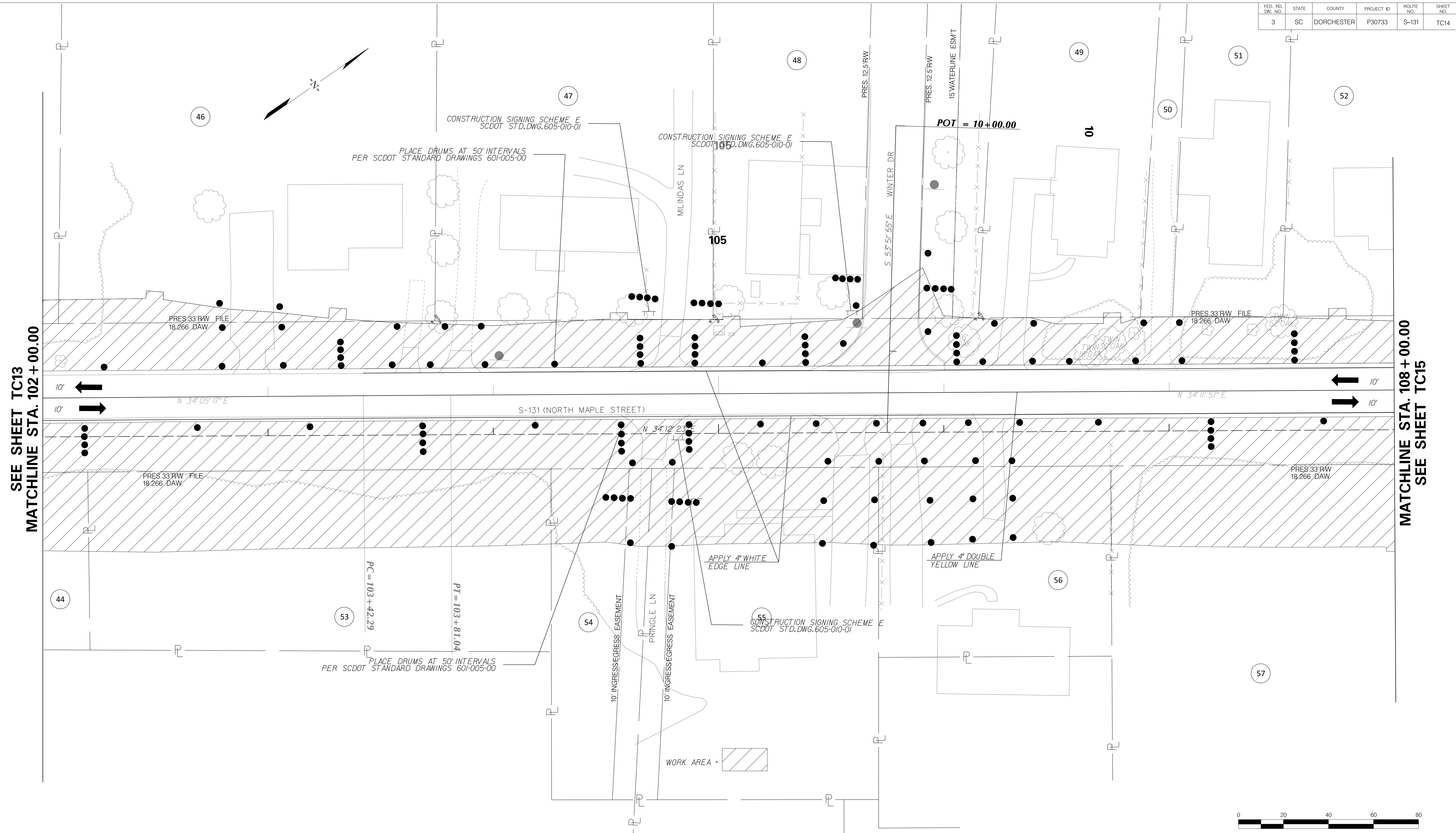
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TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET) /
S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 409+00 TO STA. 413+00
STA. 96+00.00 TO STA. 102+00.00

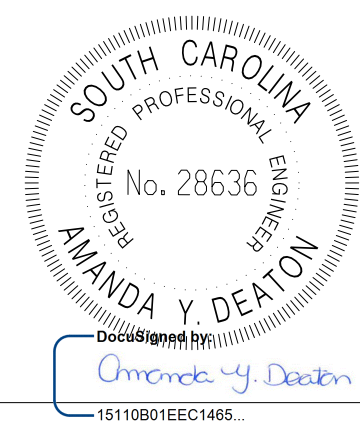
SHEET TC13 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC14



SEE SHEET TC13
MATCHLINE STA. 102 + 00.00

MATCHLINE STA. 108 + 00.00
SEE SHEET TC15



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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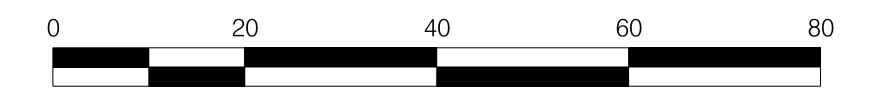
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TOWN OF SUMMERVILLE

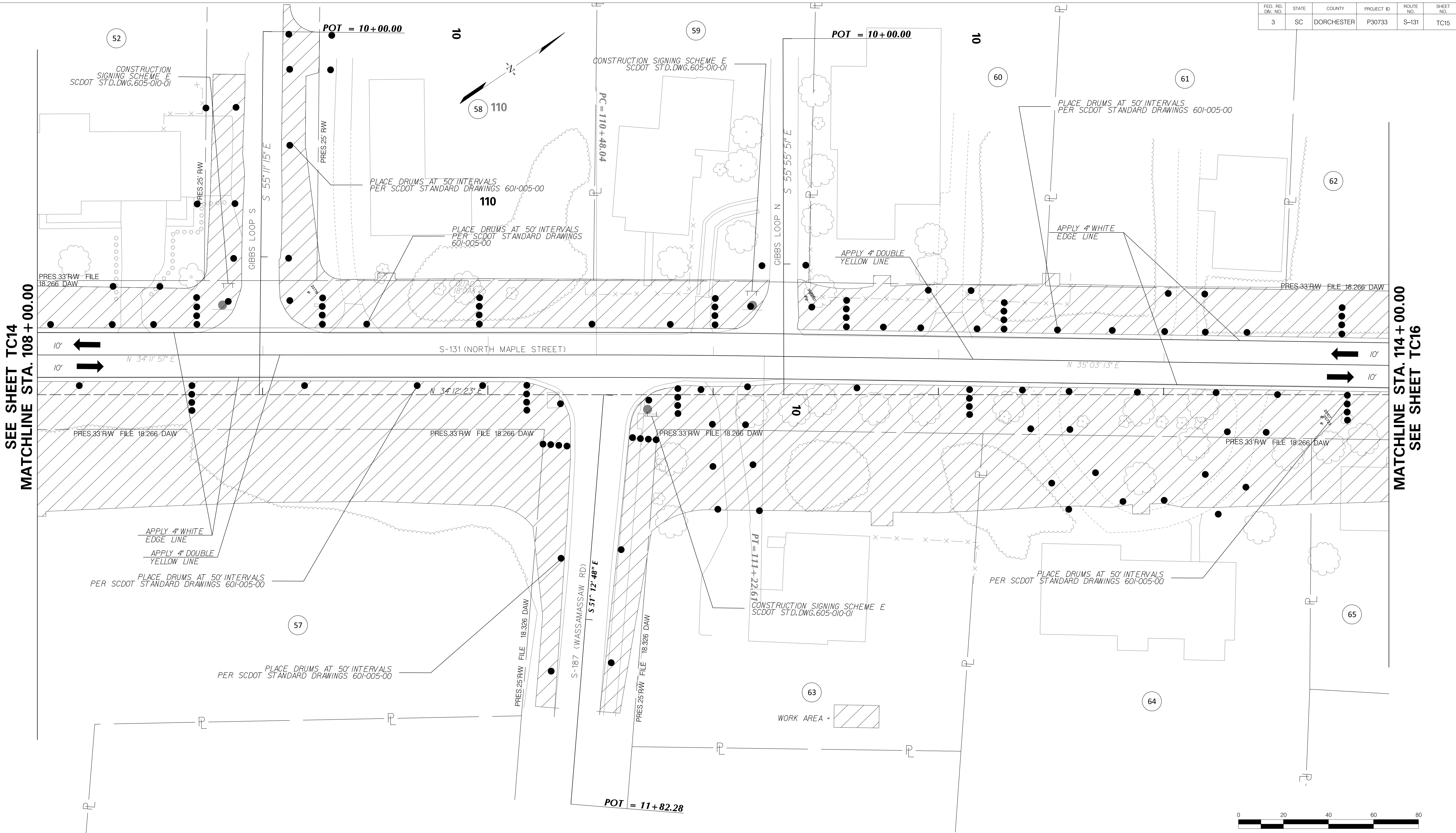
S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 102+00.00 TO STA. 108+00.00

SHEET TC14

SCALE: 1" = 20'

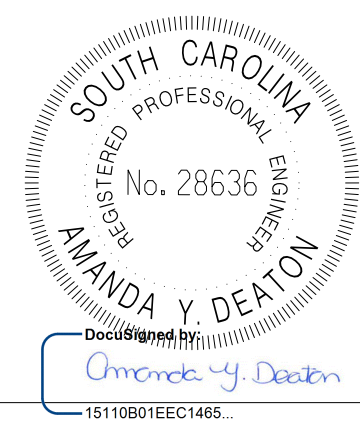


FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC15



SEE SHEET TC14
MATCHLINE STA. 108 + 00.00

MATCHLINE STA. 114 + 00.00
SEE SHEET TC16



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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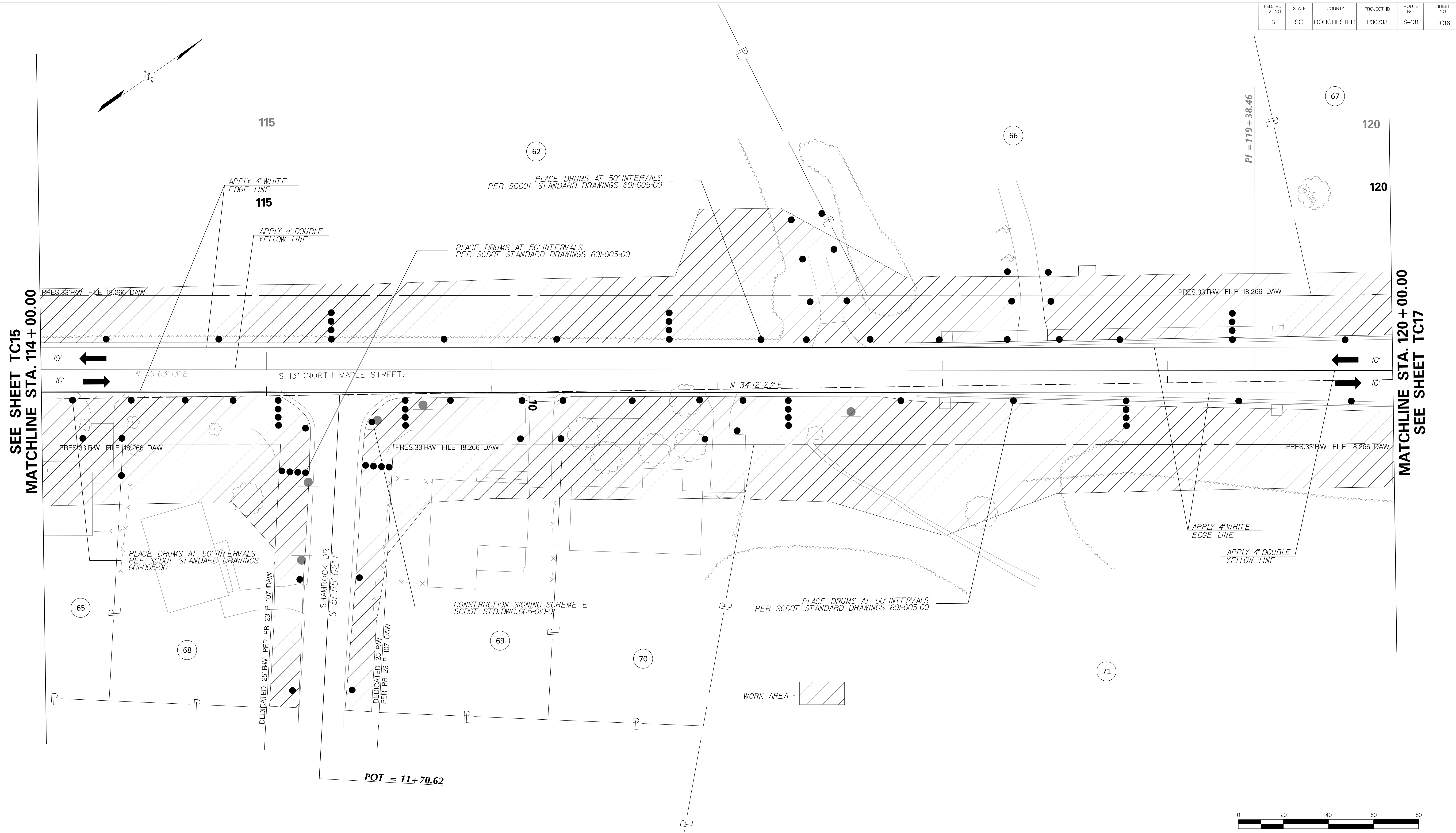
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 108+00.00 TO STA. 114+00.00

SHEET TC15

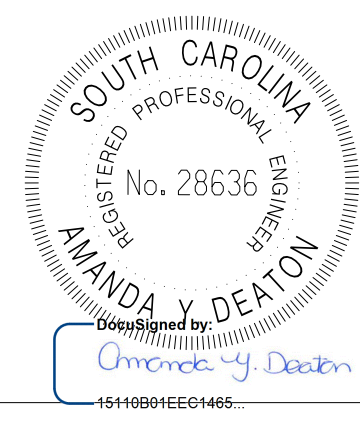
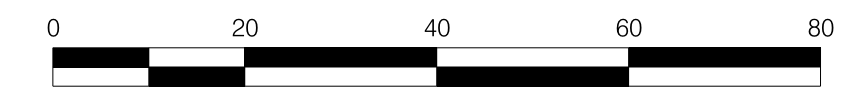
SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC16



SEE SHEET TC15
MATCHLINE STA. 114 + 00.00

MATCHLINE STA. 120 + 00.00
SEE SHEET TC17



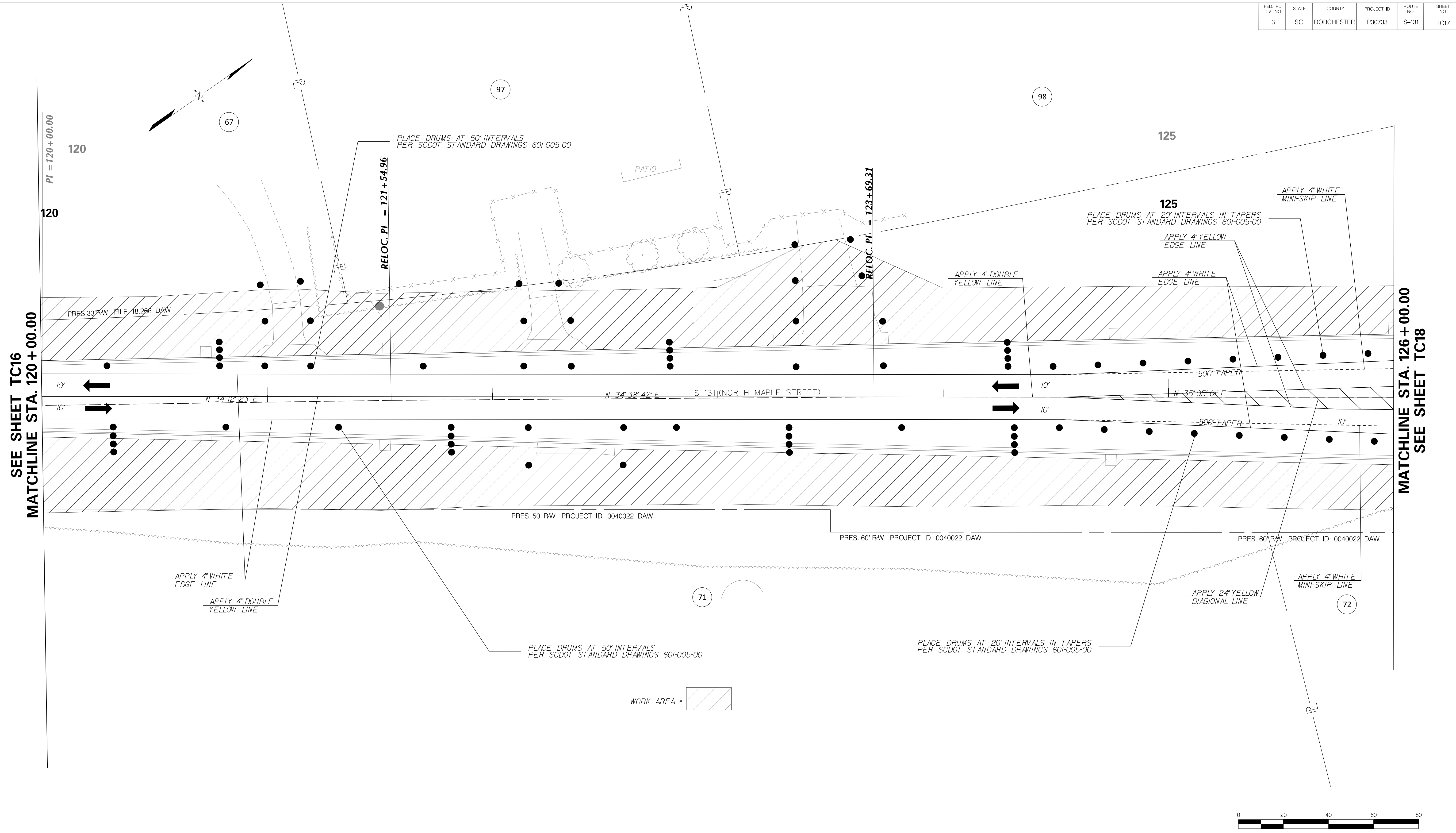
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 114+00.00 TO STA. 120+00.00

SHEET TC16 SCALE: 1" = 20'

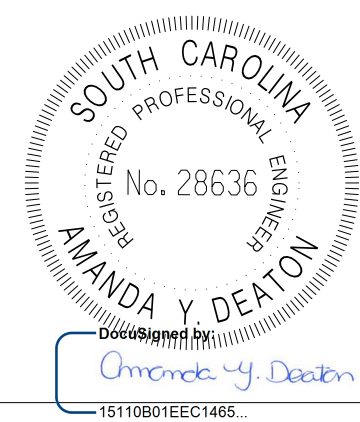
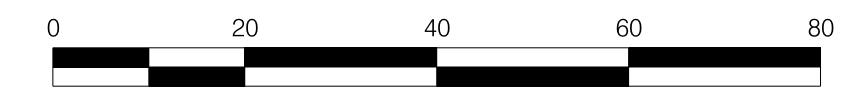
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC17



SEE SHEET TC16
MATCHLINE STA. 120+00.00

MATCHLINE STA. 126+00.00
SEE SHEET TC18

R:\Design\Town\SUMMERVILLE\NORTH MAPLE\Traffic Control\Sheets\SH1_TC17.dgn 15-DEC-2021 08:37 Peter.Donard@miller



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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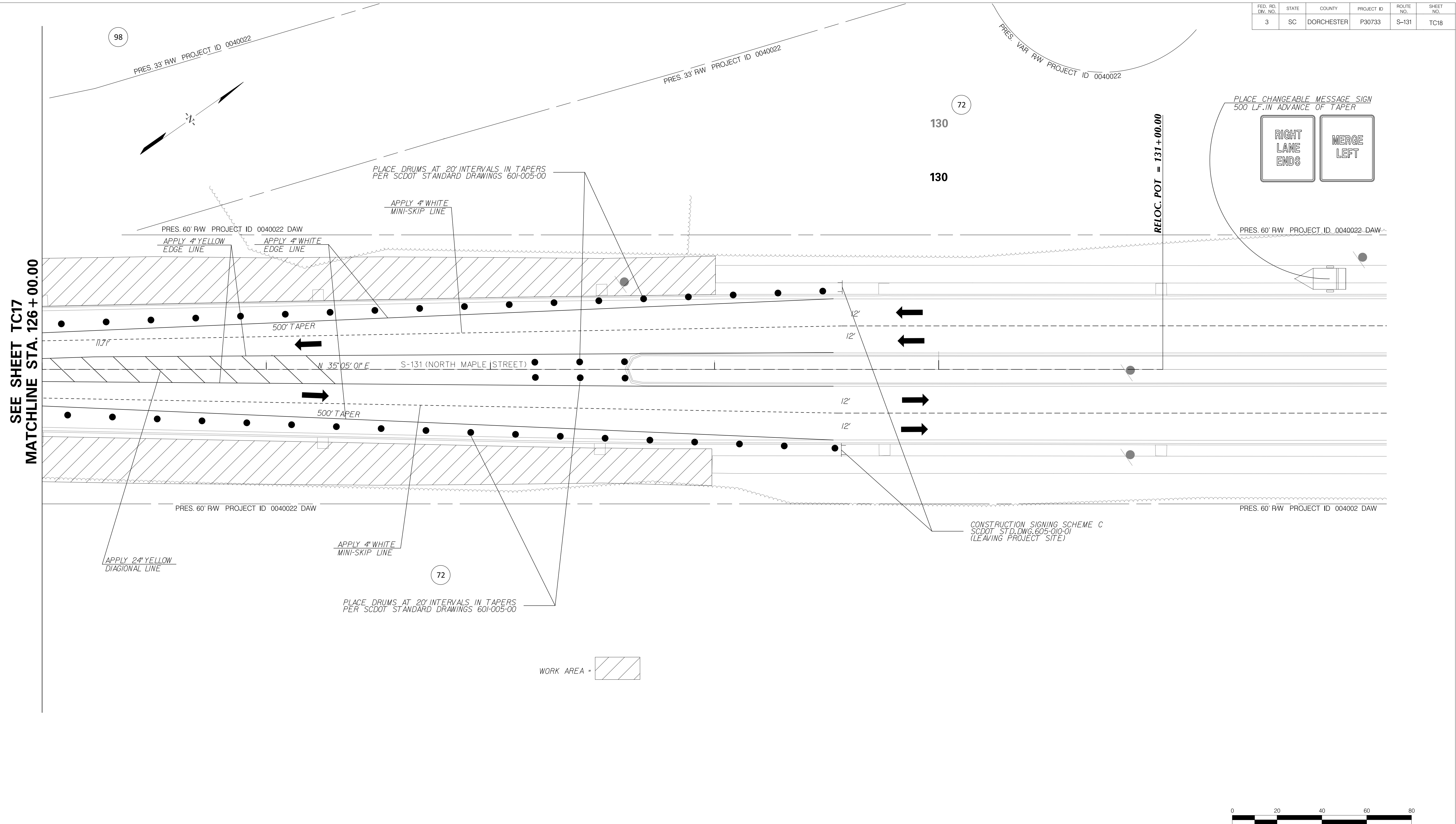
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

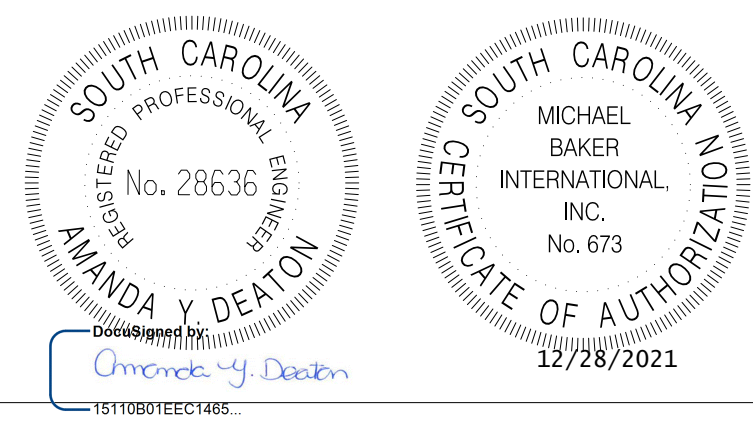
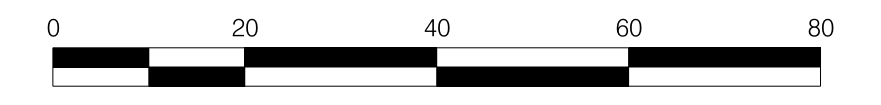
S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 120+00.00 TO STA. 126+00.00

SHEET TC17 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC18



SEE SHEET TC17
MATCHLINE STA. 126+00.00



4			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

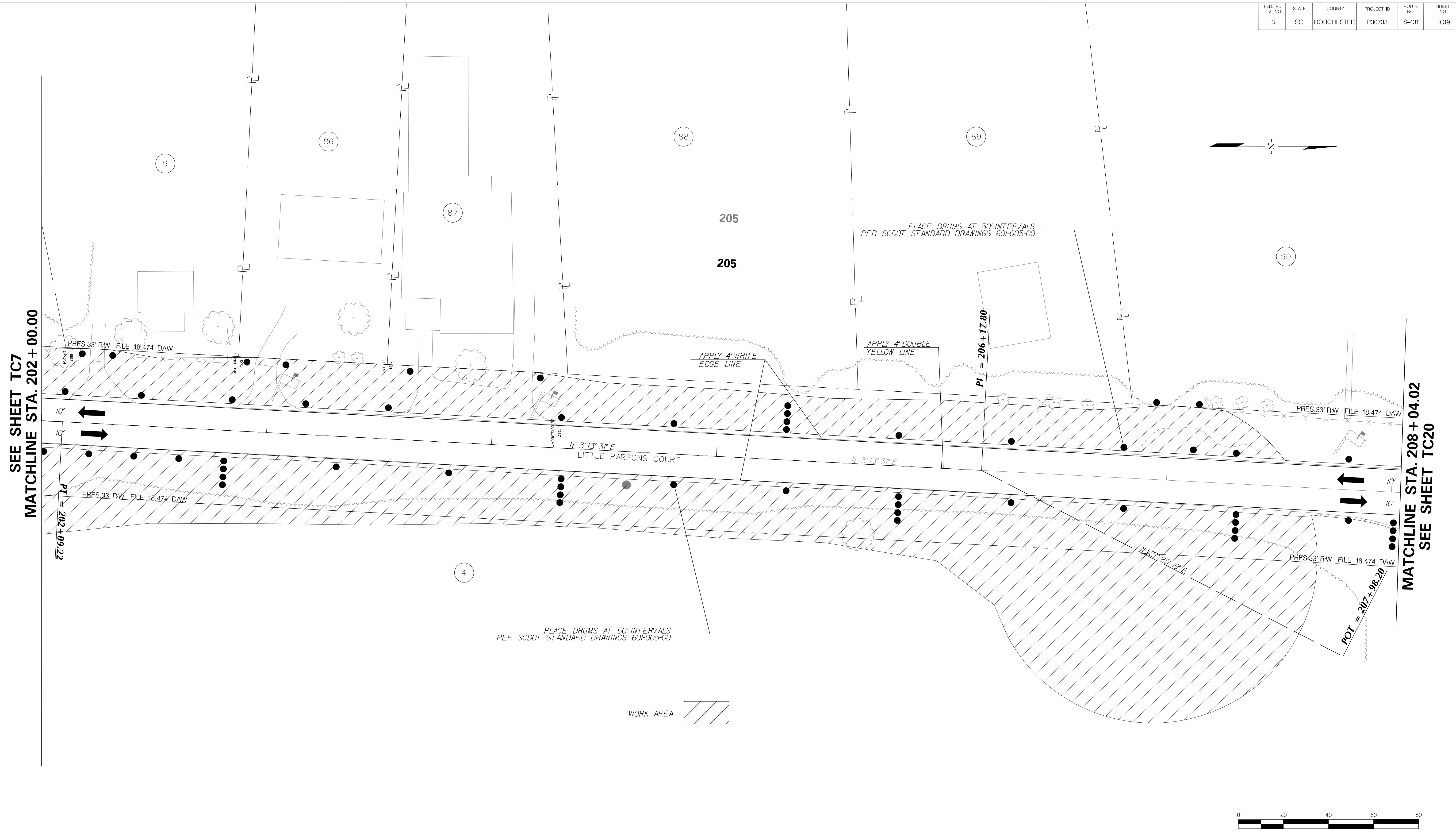
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 126+00.00 TO STA. 128+70.00

SHEET TC18

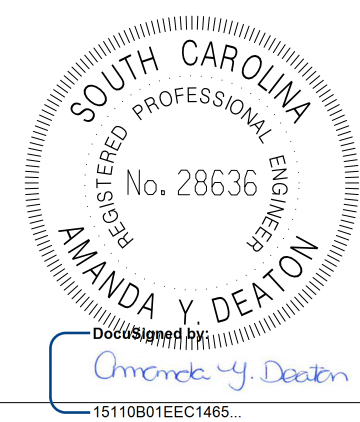
SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC19



SEE SHEET TC7
MATCHLINE STA. 202 + 00.00

MATCHLINE STA. 208 + 04.02
SEE SHEET TC20



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

S-59 (PARSONS ROAD)
 TRAFFIC CONTROL SHEET PHASE ONE
 STA. 202+00.00 TO STA. 207+50.20

SHEET TC19 SCALE: 1" = 20'

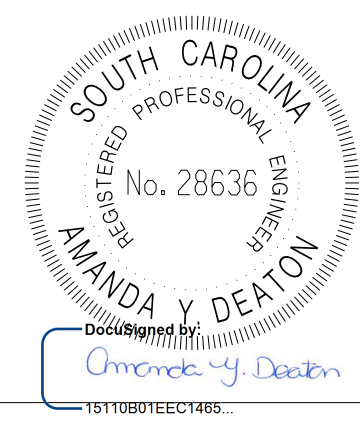
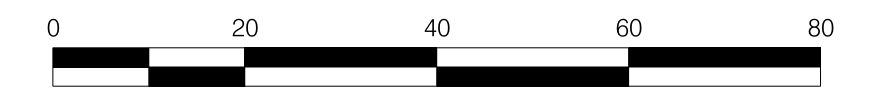
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC20



MATCHLINE STA. 309 + 00.00
SEE SHEET TC9

MATCHLINE STA. 208 + 04.02
SEE SHEET TC19

WORK AREA =



4			
3			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

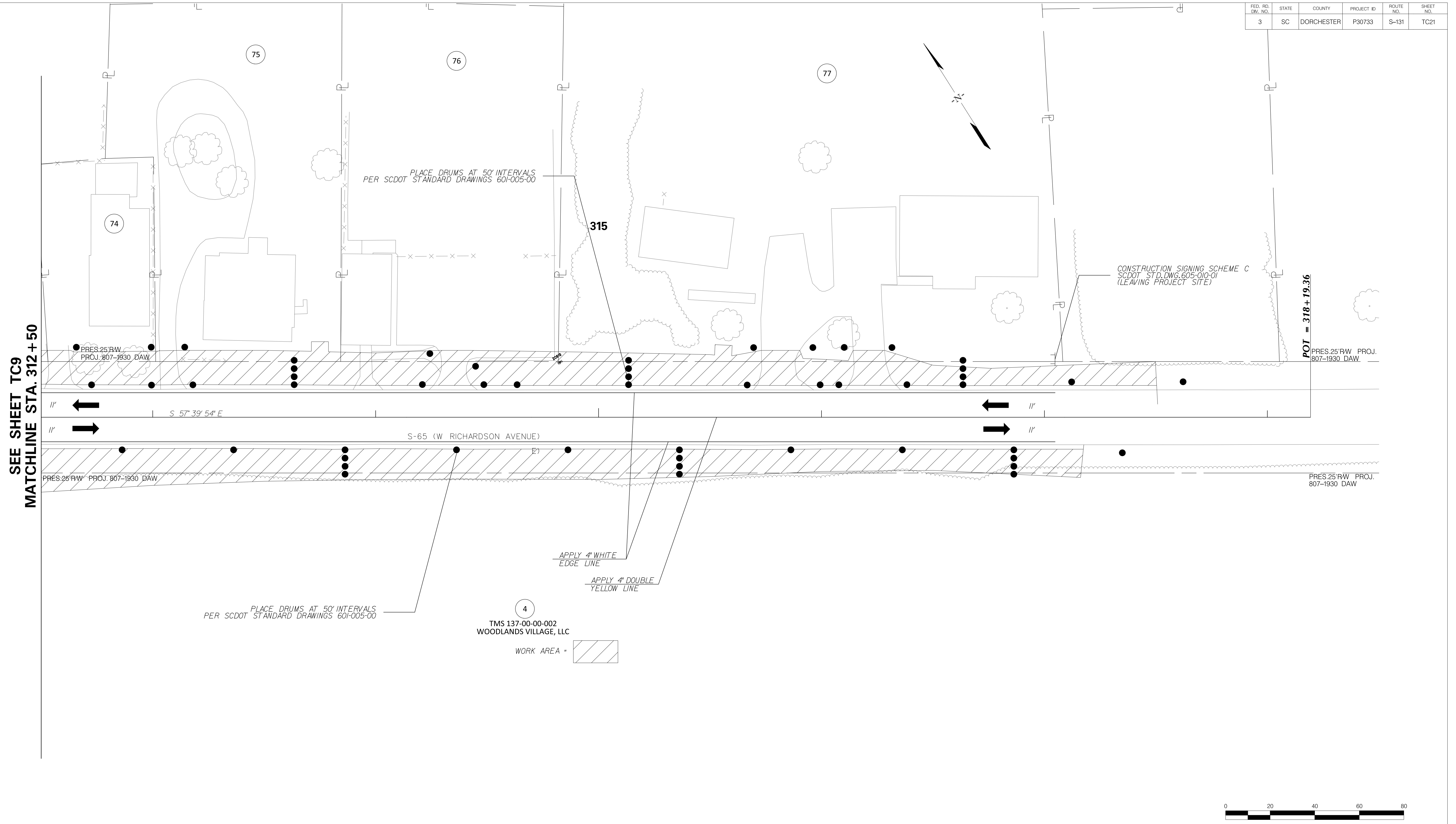
S-65 (W RICHARDSON AVENUE)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 303+21.58 TO STA. 309+00.00

SHEET TC20

SCALE: 1" = 20'

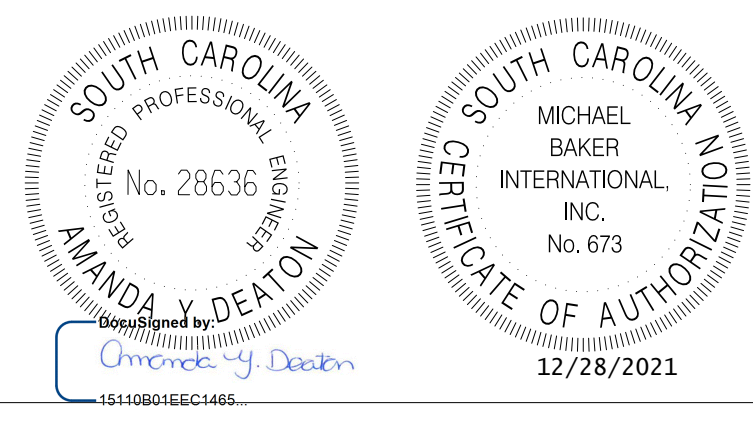
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC21

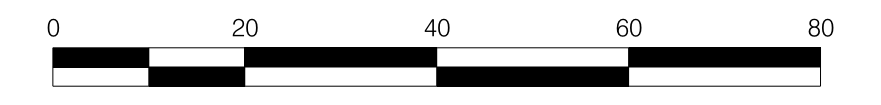


SEE SHEET TC9
MATCHLINE STA. 312+50

POT = 318+19.36



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	



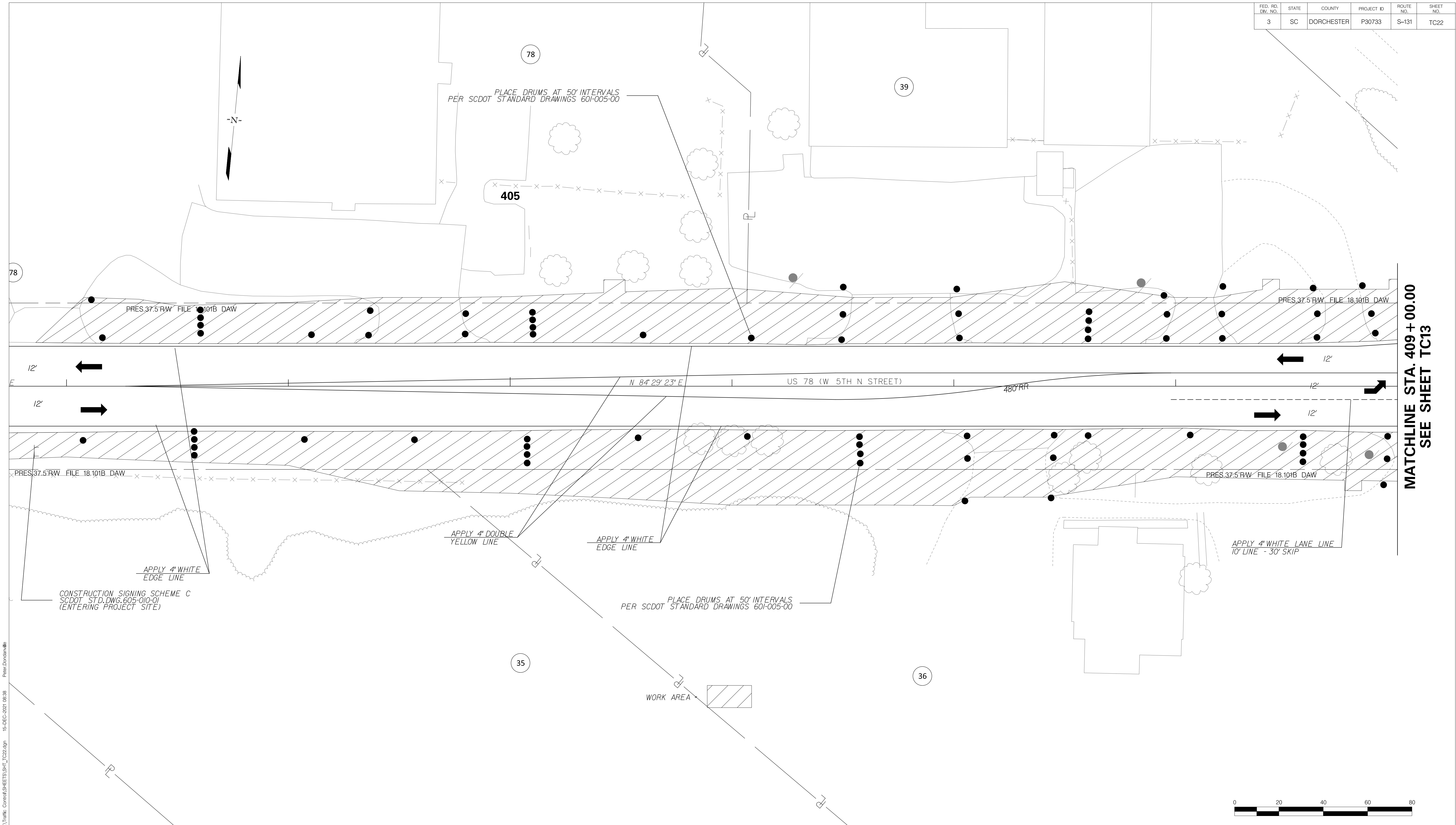
TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 312+50.00 TO STA. 316+49.74

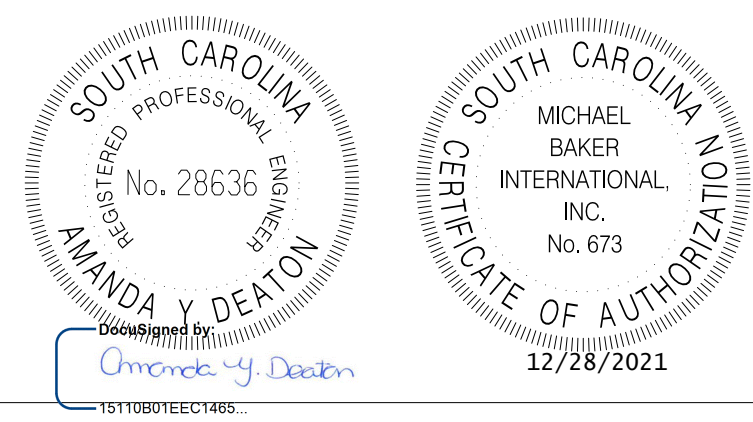
SHEET TC21

SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC22



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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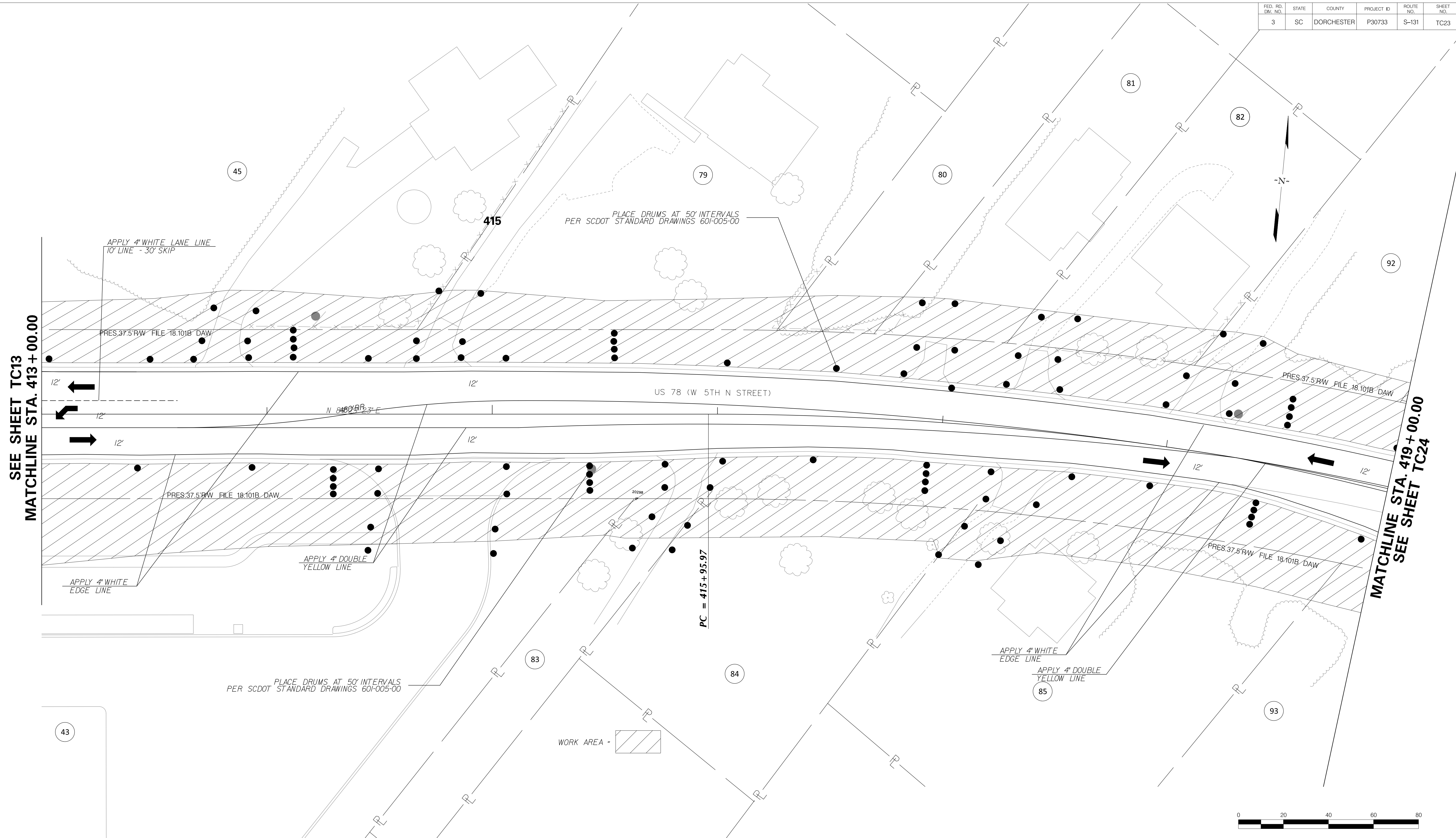
DESIGNED BY: _____ DATE: _____
DRAWN BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 403+27.90 TO STA. 409+00.00

SHEETTC22 SCALE: 1" = 20'

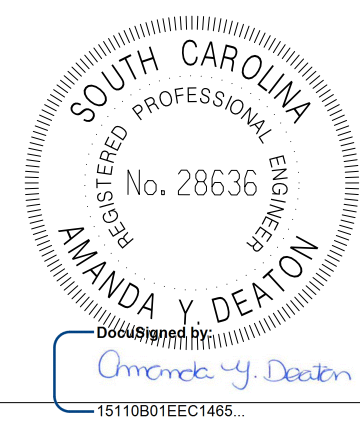
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC23



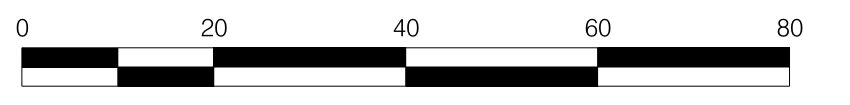
SEE SHEET TC13
MATCHLINE STA. 413+00.00

MATCHLINE STA. 419+00.00
SEE SHEET TC24

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	



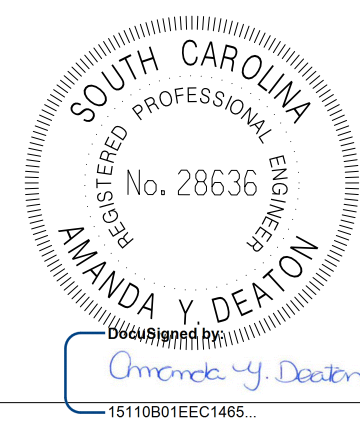
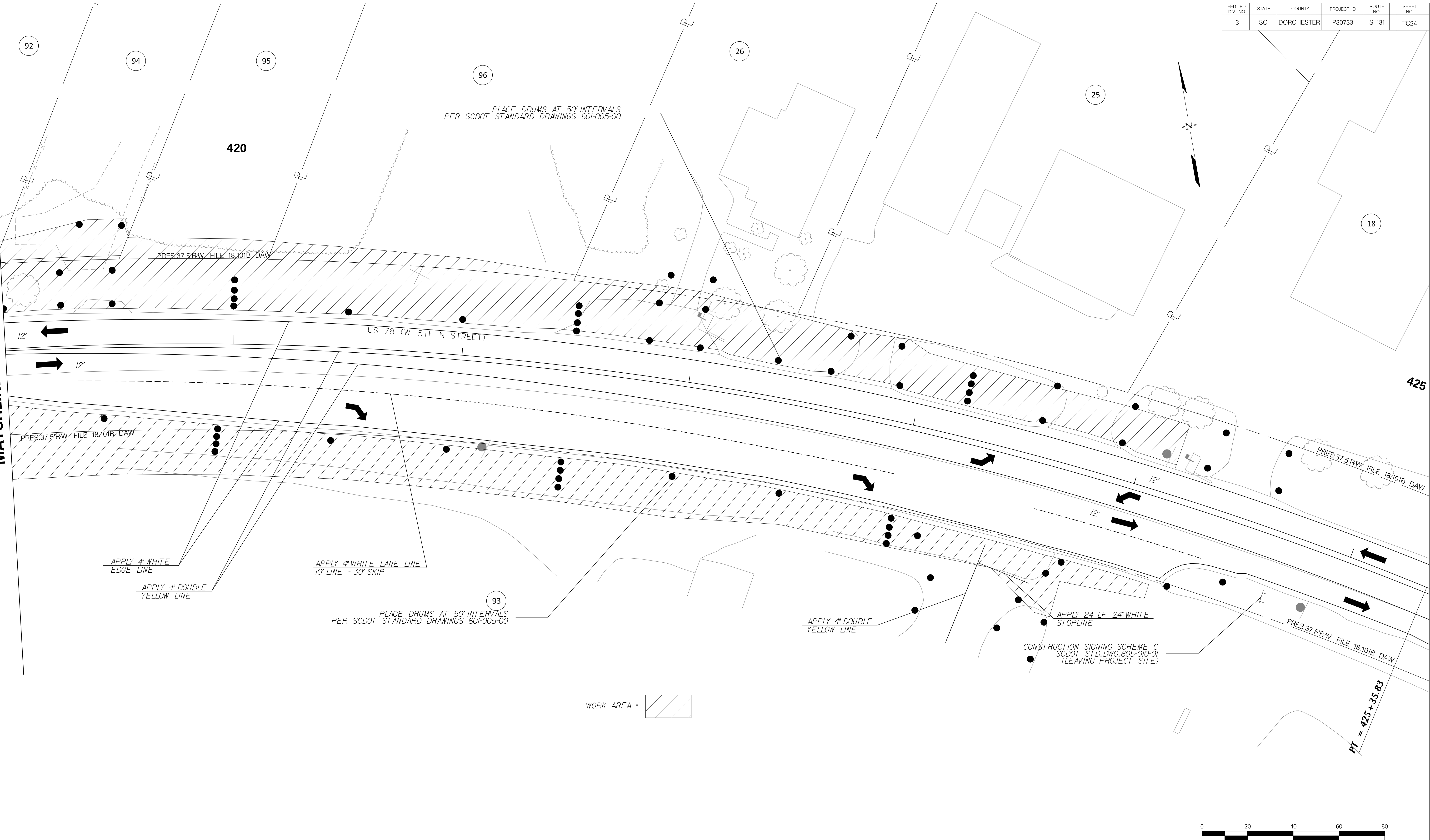
TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 413+00.00 TO STA. 419+00.00

SHEET TC23 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC24

SEE SHEET TC23
MATCHLINE STA. 419 + 00.00



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
TRAFFIC CONTROL SHEET PHASE ONE
STA. 419+00 TO STA 424+15.00

SHEETTC24 SCALE: 1" = 20'

CLOSE SHAMROCK DR IN ACCORDANCE WITH STD. DWG. 610-510-00

DETOUR SHAMROCK DRIVE IN ACCORDANCE WITH STD. DWG. 610-610-00

① M4-9-30 ⑪ **SHAMROCK DR**

② M4-9.1L-30

③ M4-9.1R-30 ⑫ **ROAD CLOSED AT N. MAPLE ST. LOCAL TRAFFIC ONLY**

④ M4-9L-30

⑤ M4-9R-30

⑥ M4-9.2L-30

⑦ M4-9.2R-30

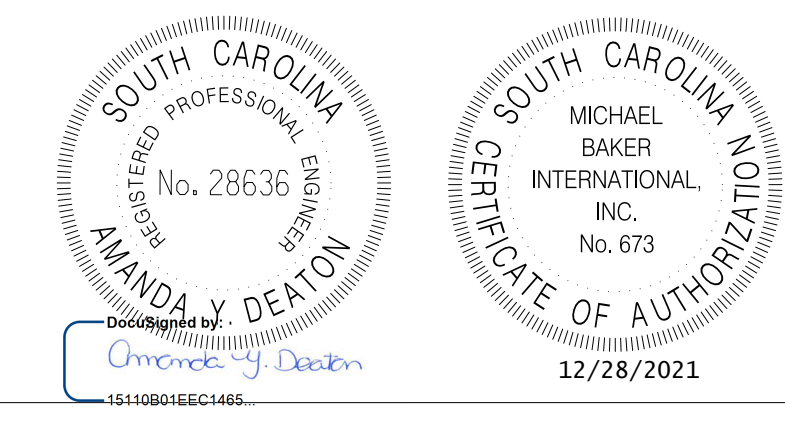
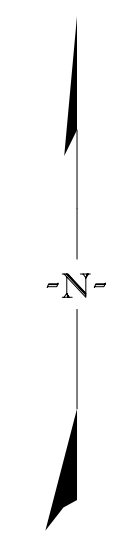
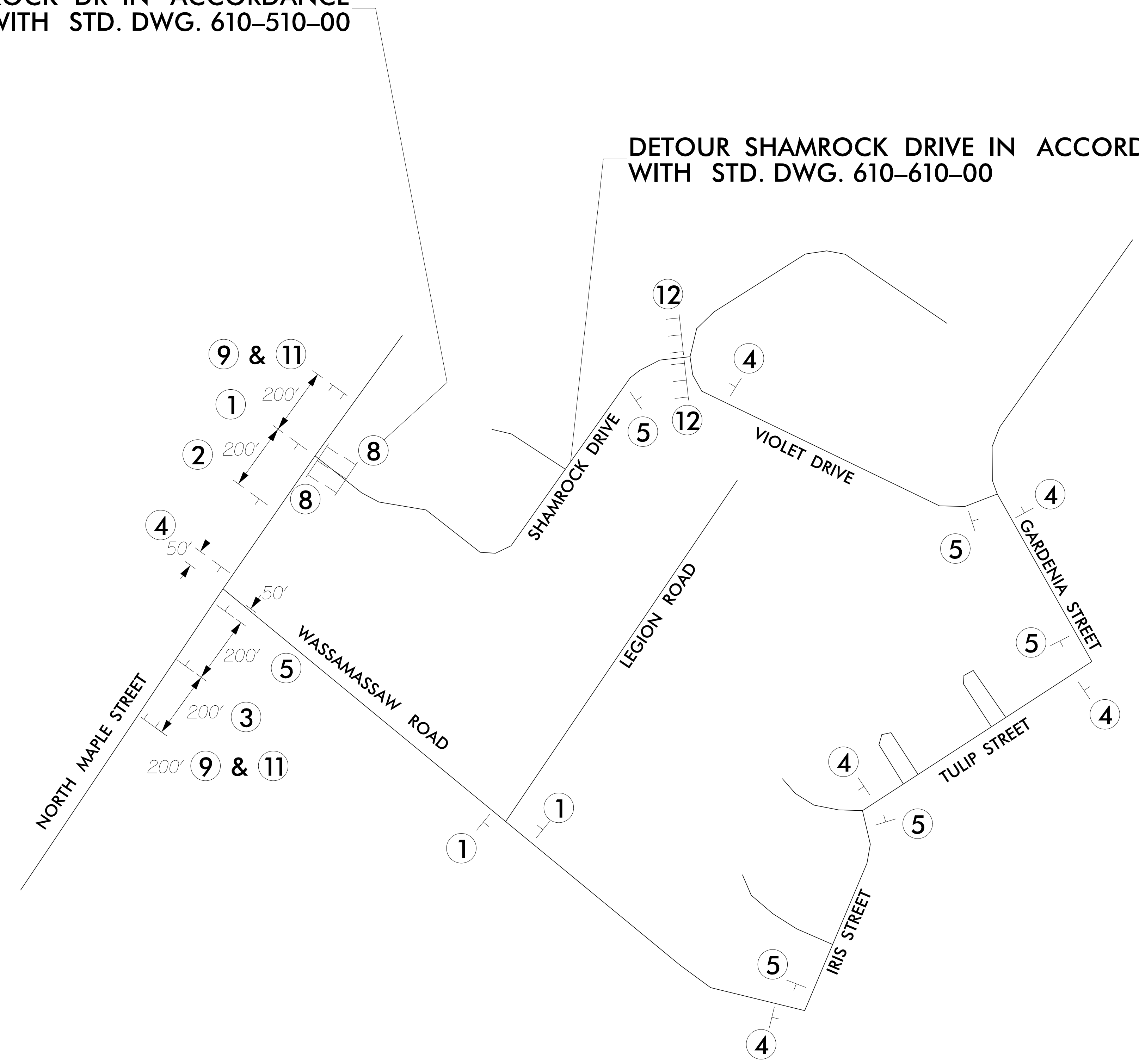
⑧ **ROAD CLOSED** R11-4-60 BARRICADE MOUNTED

⑨ W20-2-48-A

⑩ W20-3-48-A

- ┆ SINGLE POST SIGN ASSEMBLY
- ┆ DUAL POSTS SIGN ASSEMBLY
- ┆ TYPE III BARRICADE (6')

***NOTE: DETOUR SHALL NOT BE IN PLACE FOR MORE THAN SEVEN (7) DAYS**



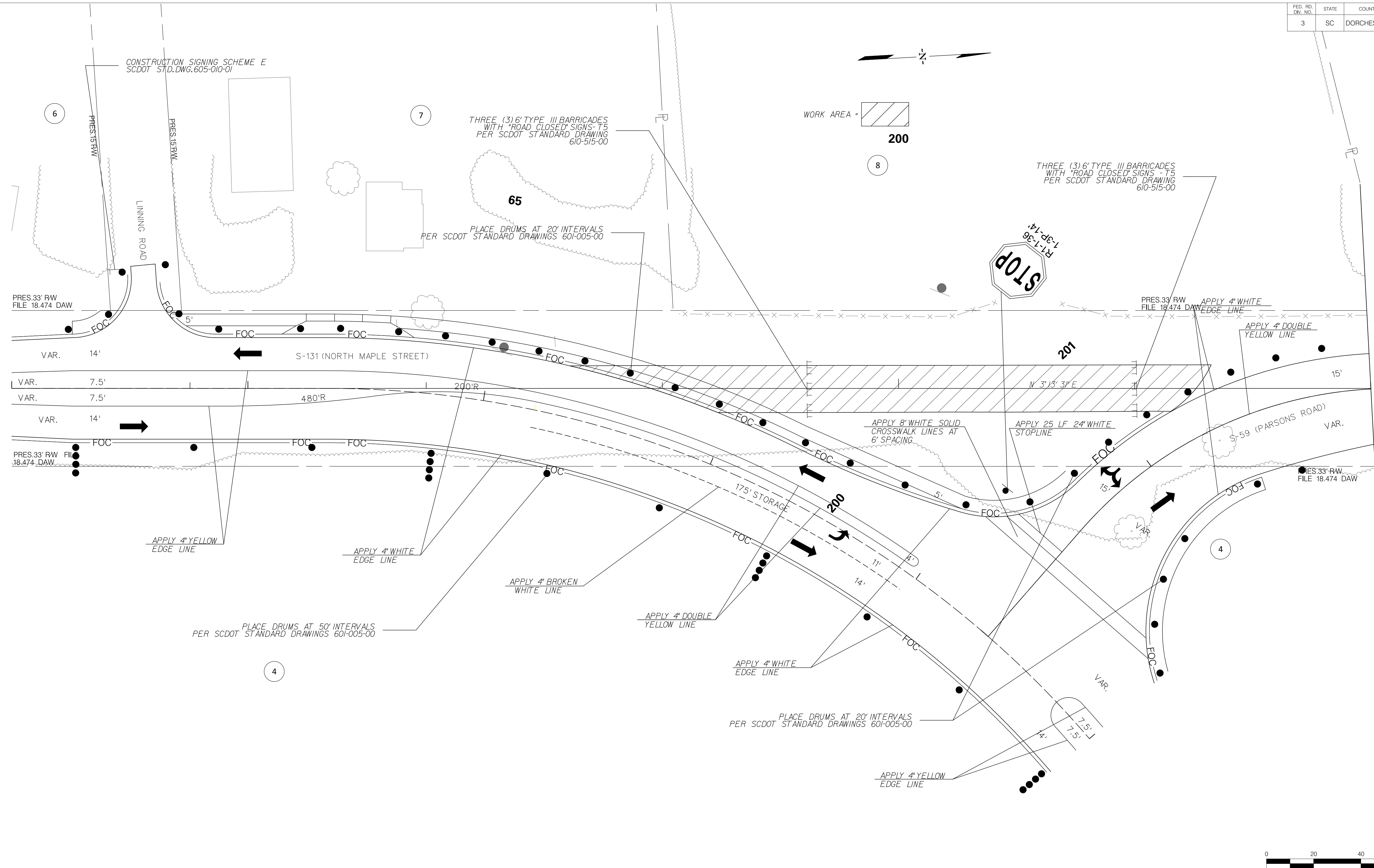
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

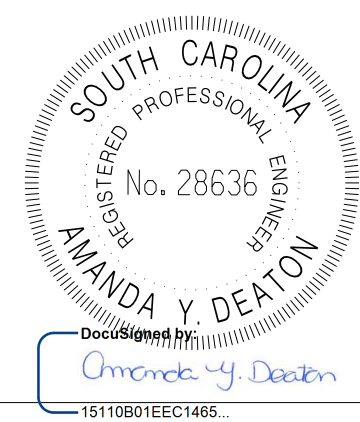
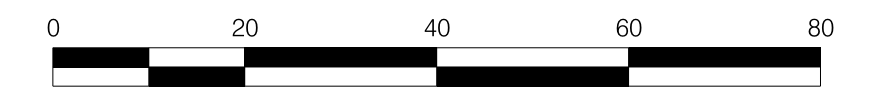
NORTH MAPLE STREET
TRAFFIC CONTROL SHEET
SHAMROCK DRIVE DETOUR

SHEET TC24A SCALE: 1" = NA

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC25



MATCHLINE STA. 202 + 00.00
SEE SHEET TC26



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

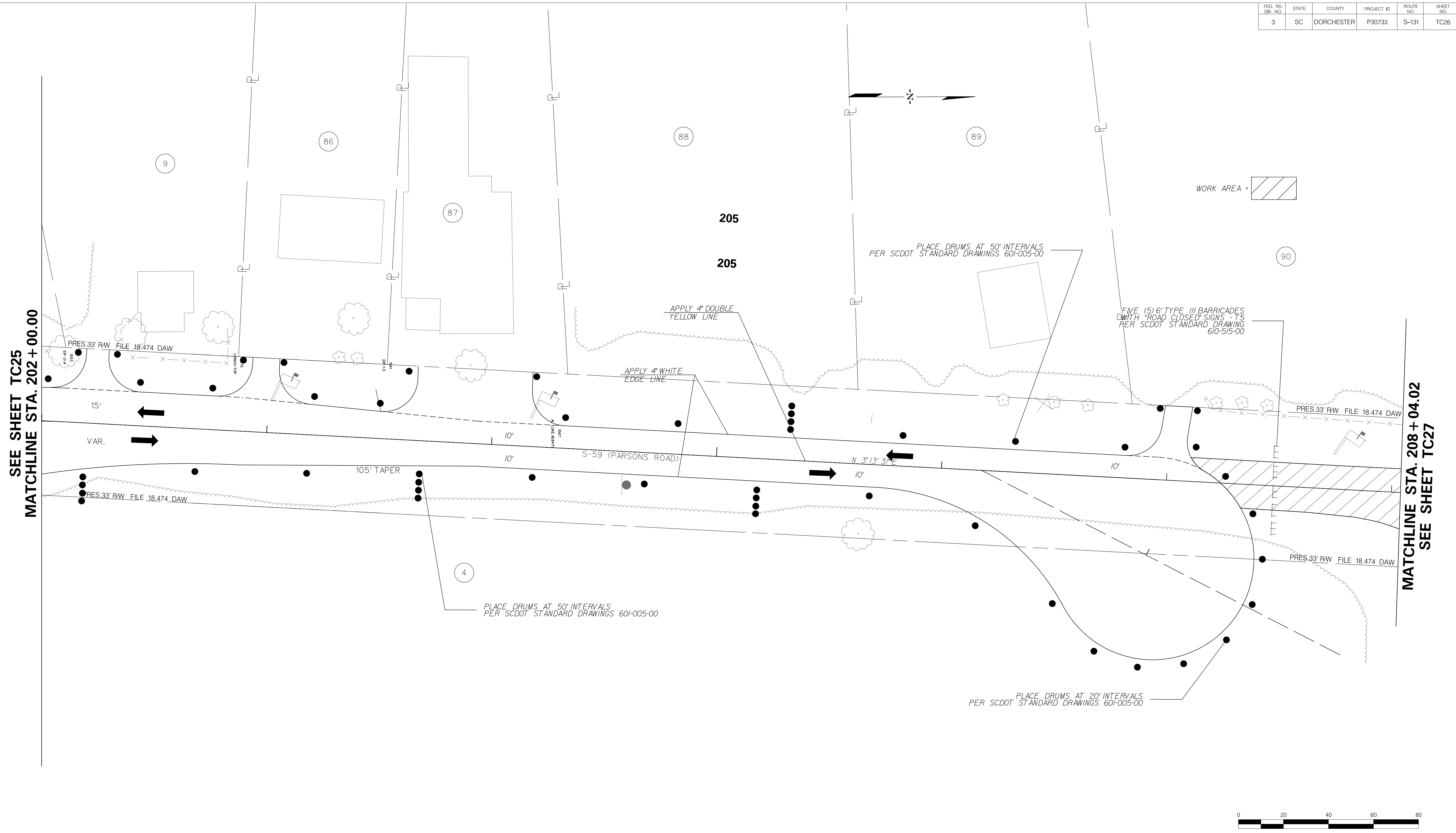
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
TRAFFIC CONTROL SHEET PHASE TWO
STA. 62+00.00 TO STA. 68+00.00
STA. 200+00 TO STA. 202+00

SHEET TC25 SCALE: 1" = 20'

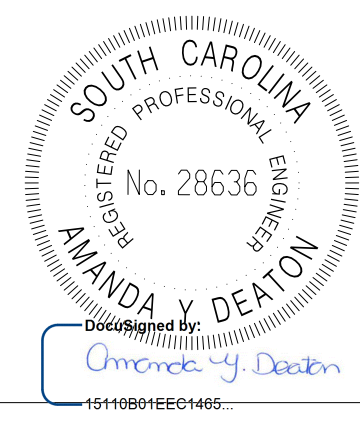
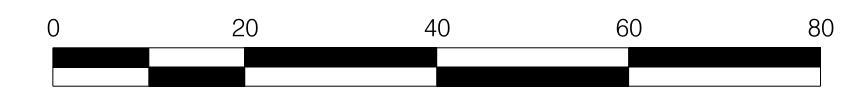
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC26



SEE SHEET TC25
MATCHLINE STA. 202 + 00.00

MATCHLINE STA. 208 + 04.02
SEE SHEET TC27



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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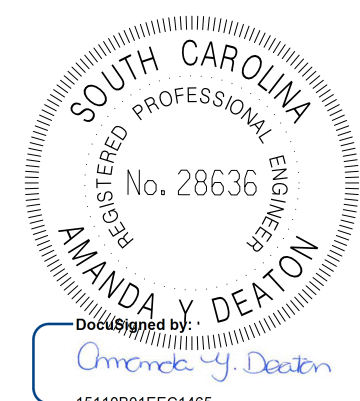
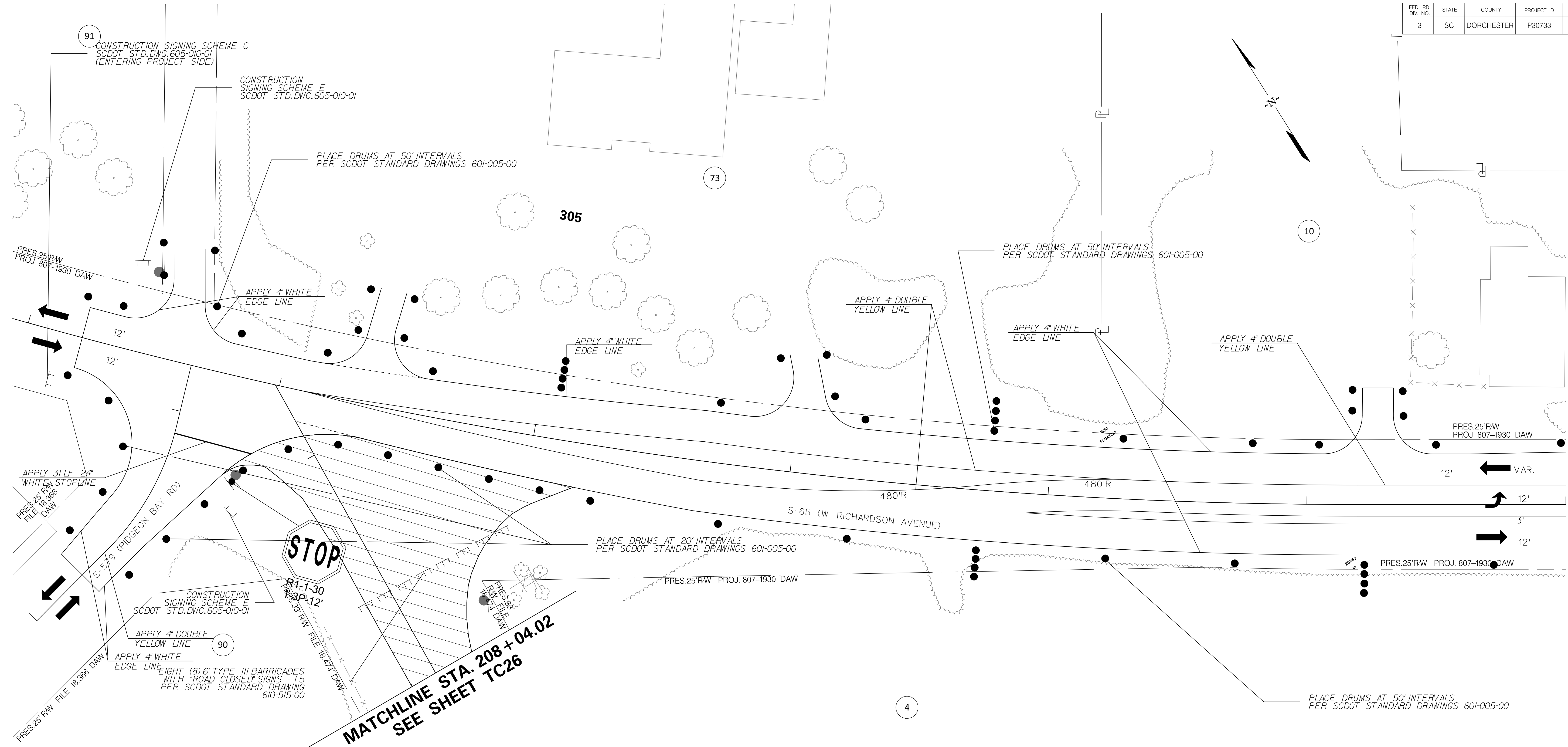
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

S-59 (PARSONS ROAD)
 TRAFFIC CONTROL SHEET PHASE TWO
 STA. 202 + 00.00 TO STA. 207 + 50.20

SHEET TC26 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	TC27



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
TRAFFIC CONTROL SHEET PHASE TWO
STA. 303+21.58 TO STA. 309+00.00

SHEET TC27

SCALE: 1" = 20'

SIGNAL EQUIPMENT

ONE (1) 8-PHASE FULLY ACTUATED STANDARD 2070 CONTROLLER WITH FLASHER, SIGNAL MONITOR UNIT AND BASE-MOUNTED 332 CABINET. EXT. PROP.

8 ORACLE 222, (2)-CHANNEL VEHICLE DETECTOR UNITS

PEDESTRIAN SIGNALS: EXT. PROP. W/ACT. & SIGN

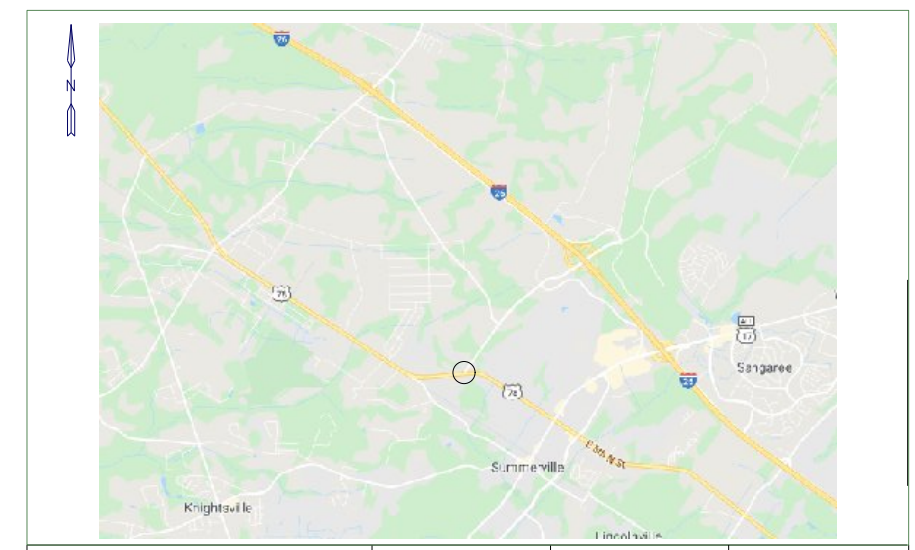
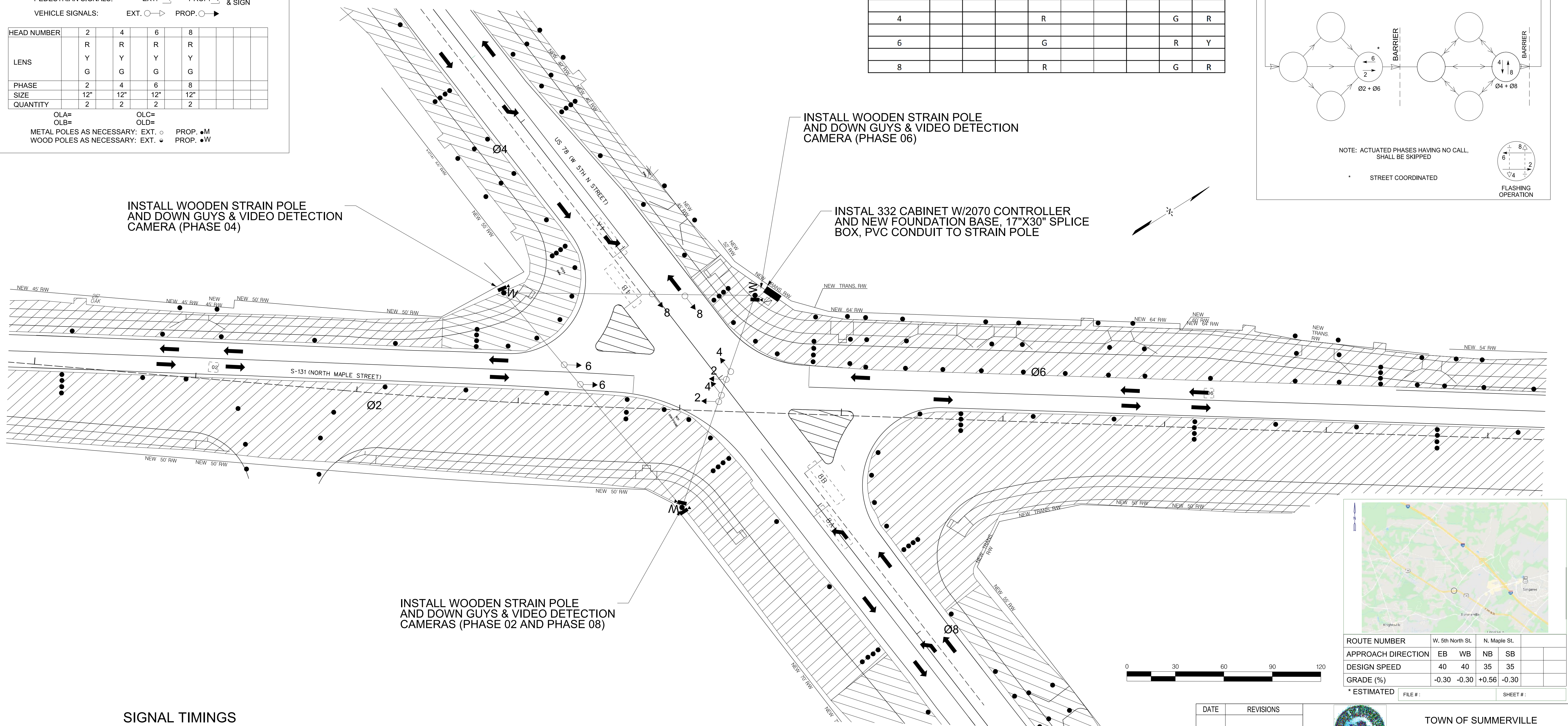
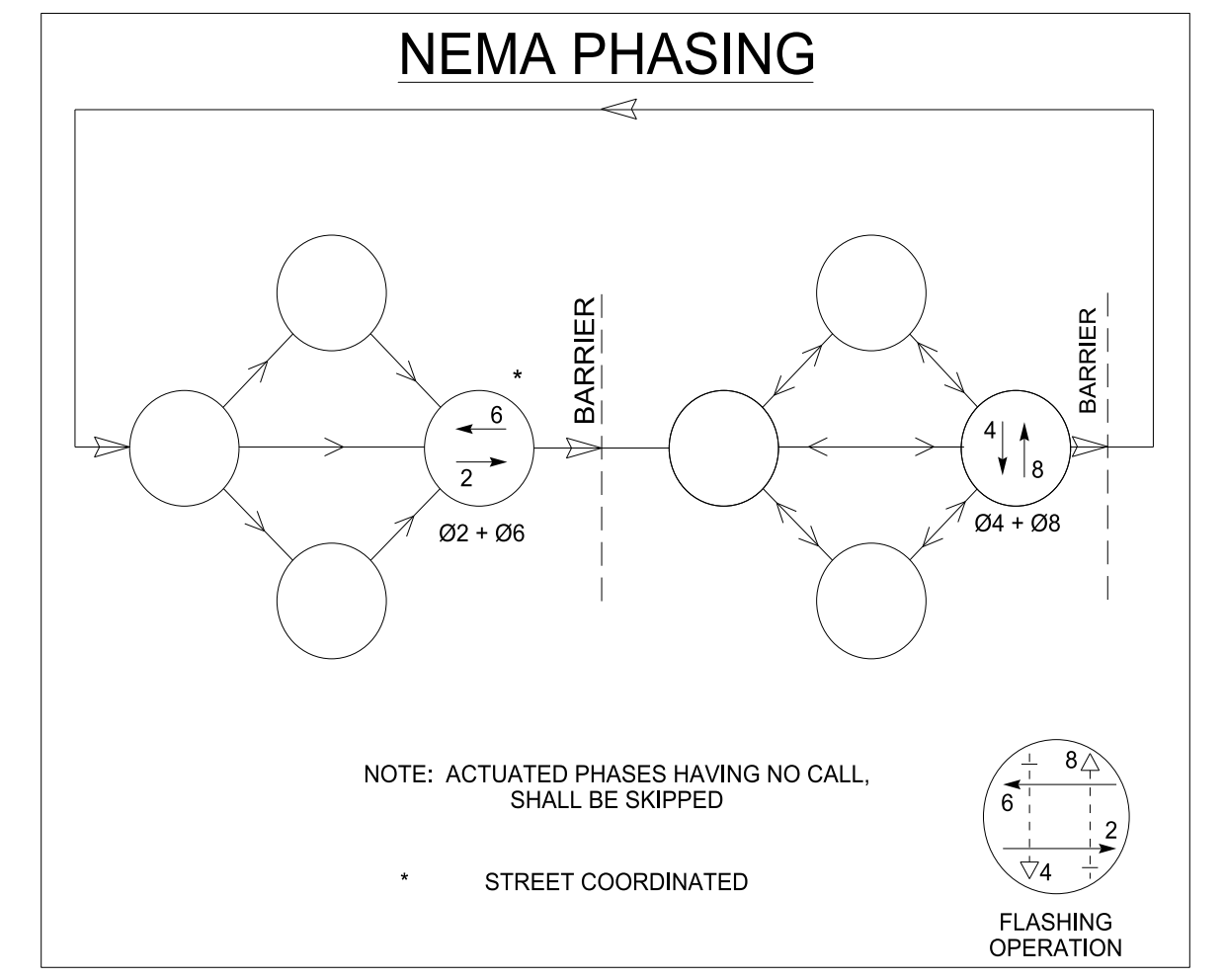
VEHICLE SIGNALS: EXT. PROP.

HEAD NUMBER	2	4	6	8
LENS	R	R	R	R
	Y	Y	Y	Y
	G	G	G	G
PHASE	2	4	6	8
SIZE	12"	12"	12"	12"
QUANTITY	2	2	2	2

OLA= OLB= OLC= OLD= METAL POLES AS NECESSARY: EXT. PROP. WOOD POLES AS NECESSARY: EXT. PROP.

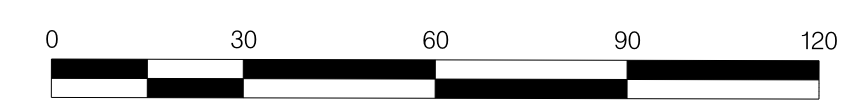
TABLE OF OPERATION SIGNAL HEAD #	PHASE IN OPERATION				
	2+6	4+8	FLASH		
2	G	R	Y		
4	R	G	R		
6	G	R	Y		
8	R	G	R		

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131S-65	TCTS-1



ROUTE NUMBER	W. 5th North St.	N. Maple St.
APPROACH DIRECTION	EB WB	NB SB
DESIGN SPEED	40 40	35 35
GRADE (%)	-0.30 -0.30	+0.56 -0.30

* ESTIMATED



SIGNAL TIMINGS

INTERVAL	PHASE			
	2	4	6	8
WALK	7	7	7	7
DON'T WALK	22	20	24	26
MIN INITIAL	15	15	15	15
MAX INITIAL				
ADD/VEH				
VEH EXT	3.0	3.0	3.0	3.0
TIM BFR REDUC				
TIME TO REDUC				
MIN GAP				
MAX LIMIT	50	50	50	50
MAXIMUM 2				
YELLOW	3.7	4.1	3.7	4.1
RED CLEAR	3.5	4.3	3.5	4.3

LOOP DETECTOR INSTALLATION CHART

PHASE/ LOOP LTR#	DETECTOR		WIRED TO PHASE(S)	LOCK X	NON-LOCK X	PULSE X	PRES X	OPERATION		SPECIAL FEATURES	LOOP DESIGN		
	AMP NO.	CHAN NO.						DELAY SEC	EXT SEC		TIME OF DAY-TOD, SWITCHING, etc.	SIZE X	NO. OF TURNS
2			2	X	X	X	X			VIDEO	6'x6'		200'
4A			4	X	X	X	X			VIDEO	6'x30'		-2.5'
4B			4	X	X	X	X			VIDEO	6'x30'		-2.5'
6			6	X	X	X	X			VIDEO	6'x6'		200'
8A			8	X	X	X	X			VIDEO	6'x30'		-2.5'
8B			8	X	X	X	X			VIDEO	6'x30'		-2.5'

WILLIAM RUHSAM
No. 29147

MICHAEL BAKER INTERNATIONAL, INC.
No. 673
12/22/2021

CONSTRUCTION : _____ DATE _____

DATE	REVISIONS

TOWN OF SUMMERVILLE
200 S. MAIN STREET
SUMMERVILLE, SC 29483

SUBJECT TITLE: **TRAFFIC SIGNAL DESIGN**

SPECIFIC LOCATION: **NORTH MAPLE STREET AT US 78 (WEST 5TH NORTH STREET) TEMPORARY SIGNAL PHASE ONE**

CITY: **SUMMERVILLE** COUNTY: **DORCHESTER**

DESIGNED: *JKW* APPROVED BY: _____

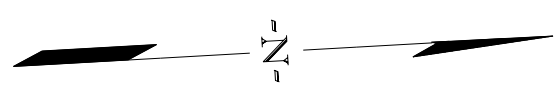
DRAWN: *JKW* TOWN ENGINEER: _____

CHECKED: *WMR*

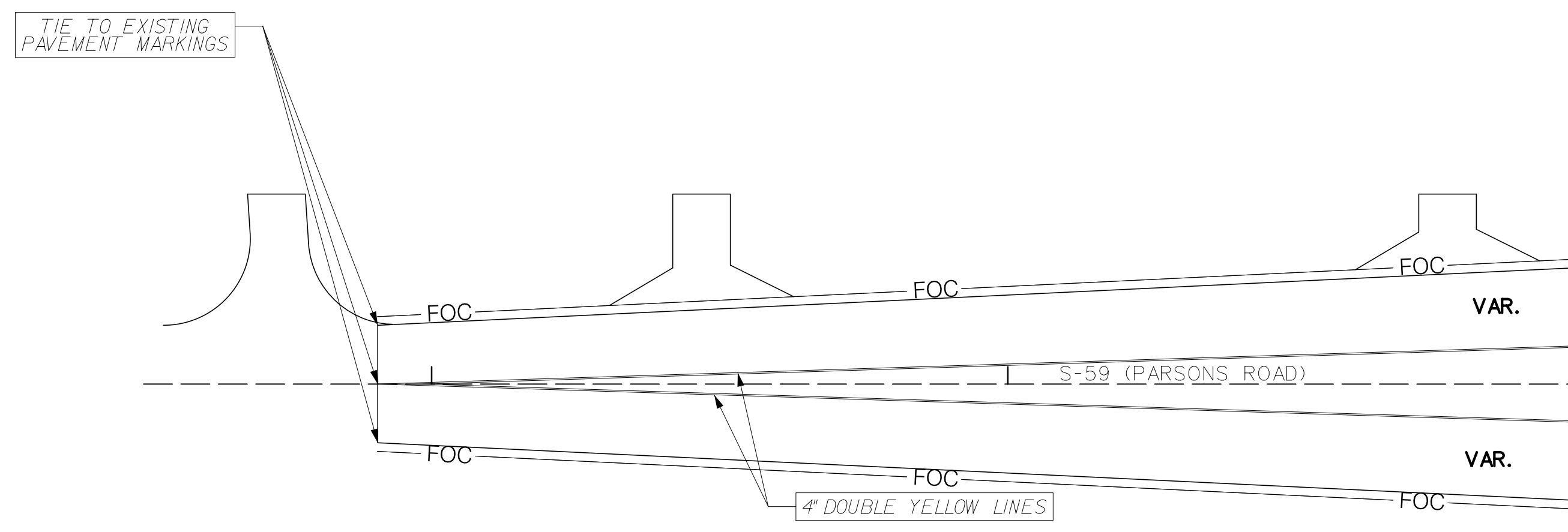
REVIEWED: _____ SCALE: **1" = 30'** DATE: **02/11/2021** SHEET NO.: **1 OF 1** INDEX NO.: _____

RECOMMENDED: _____

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM6



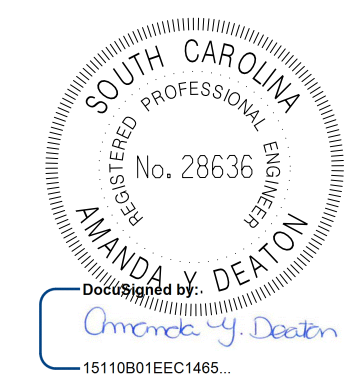
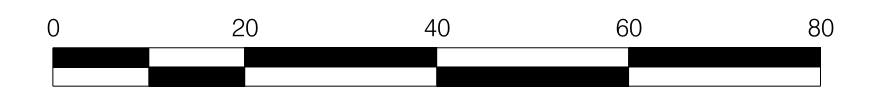
60



MATCHLINE STA. 63 + 00.00
SEE SHEET PM7

APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



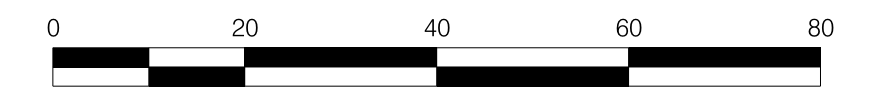
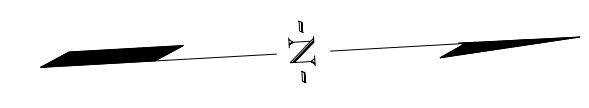
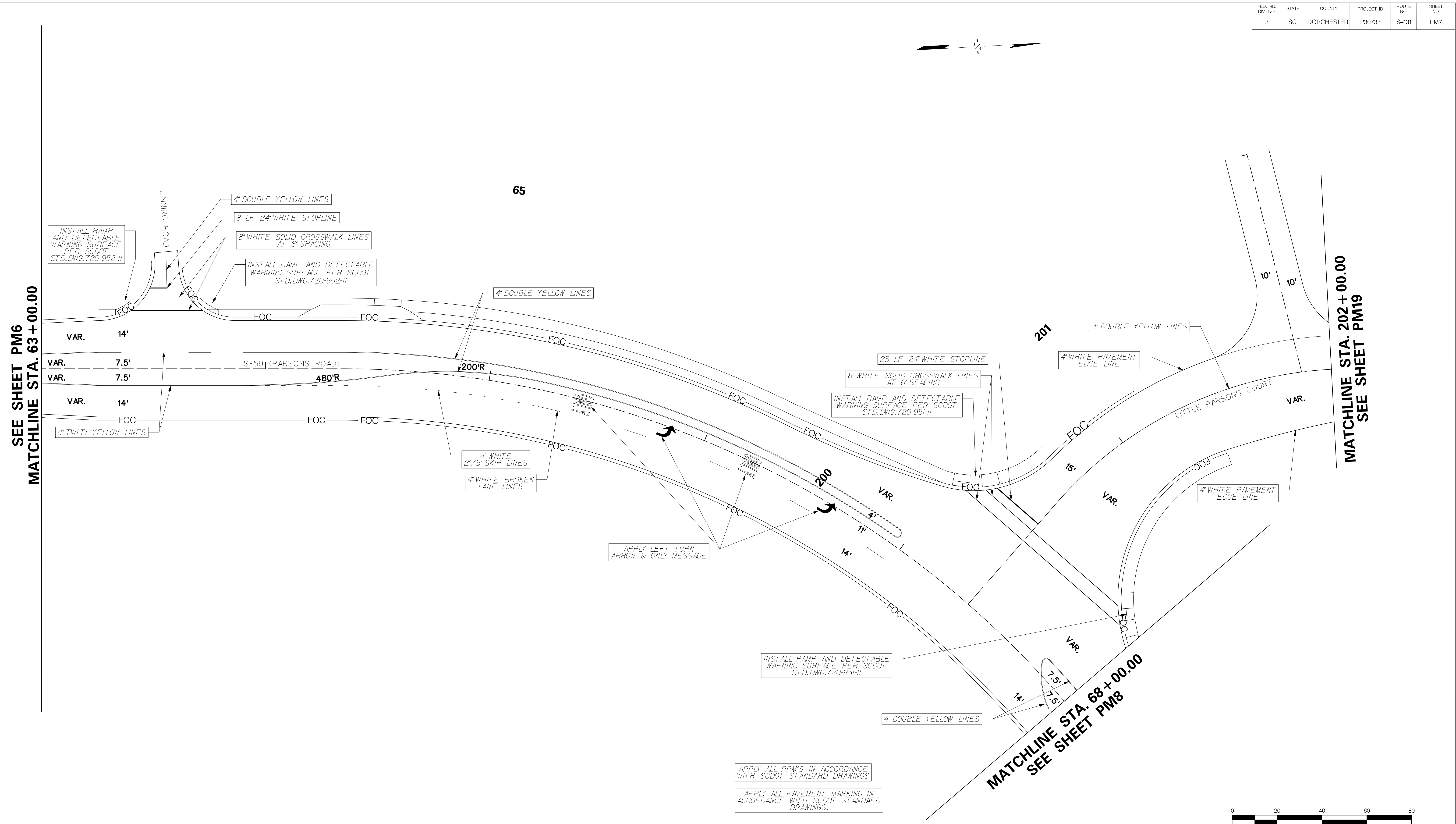
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 60 + 90.65 TO STA. 63 + 00.00

SHEET PM6 SCALE: 1" = 20'

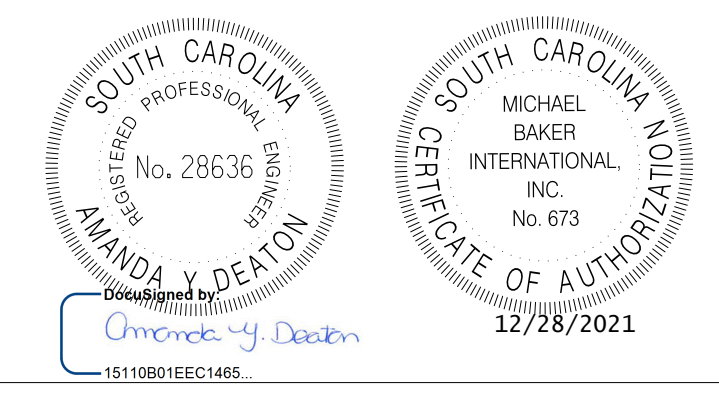
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM7



SEE SHEET PM6
MATCHLINE STA. 63 + 00.00

MATCHLINE STA. 202 + 00.00
SEE SHEET PM19

MATCHLINE STA. 68 + 00.00
SEE SHEET PM8



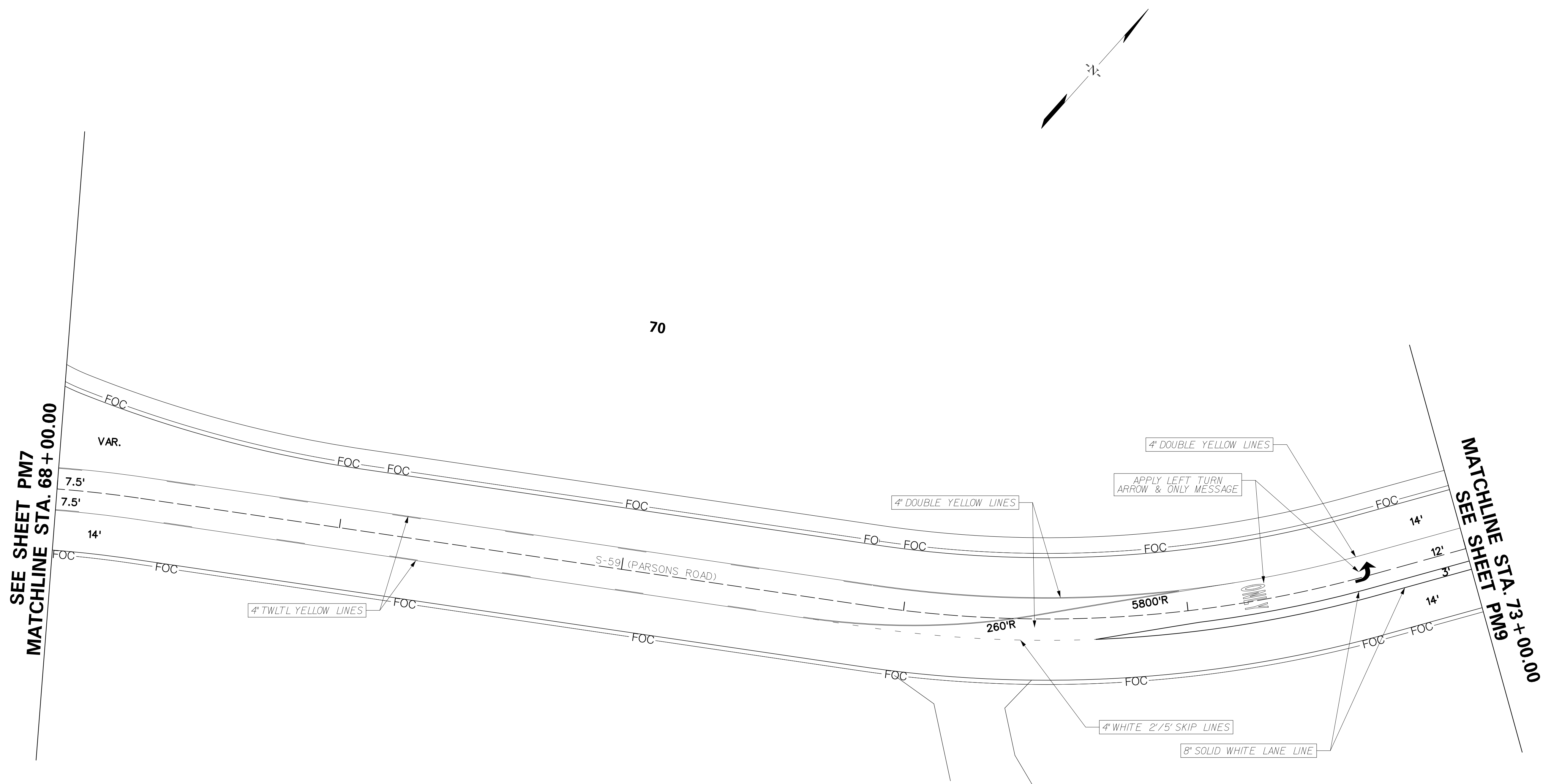
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
PAVEMENT MARKING SHEET
STA. 63+00.00 TO STA. 68+00.00
STA. 200+00.00 TO STA. 202+00.00

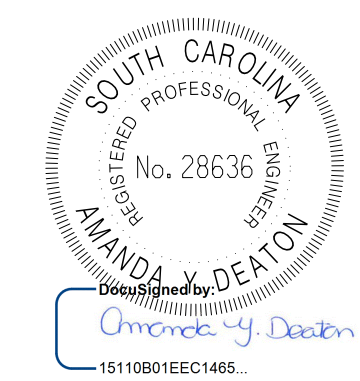
SHEET PM7 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM8



APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



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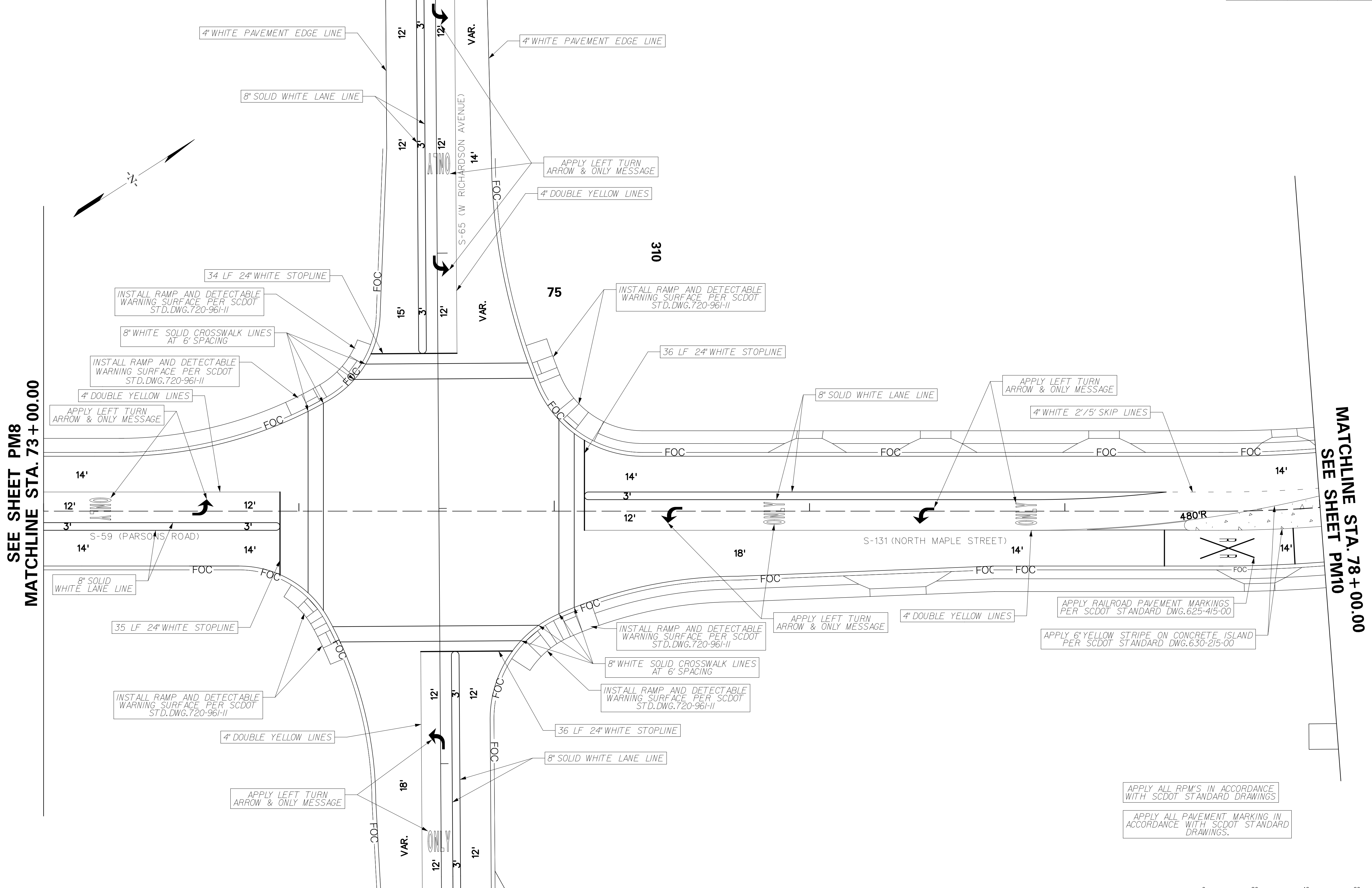
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 68+00.00 TO STA. 73+00.00

SHEET PM8 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM9

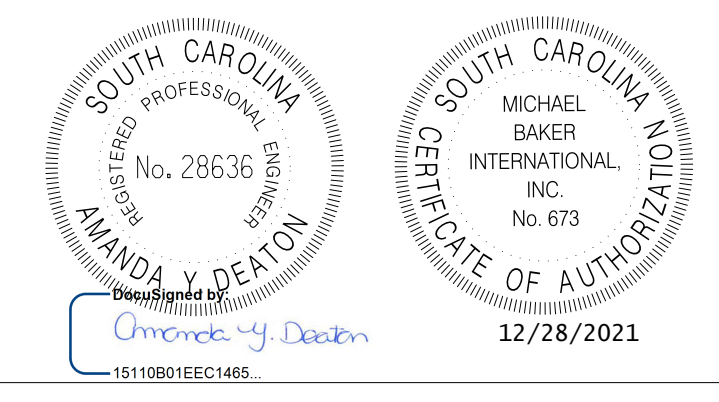
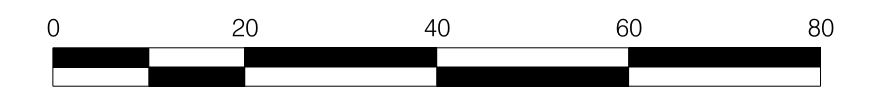
MATCHLINE STA. 309+00.00 SEE SHEET PM20



SEE SHEET PM8
MATCHLINE STA. 73+00.00

MATCHLINE STA. 78+00.00
SEE SHEET PM10

MATCHLINE STA. 312+50.00 SEE SHEET PM21



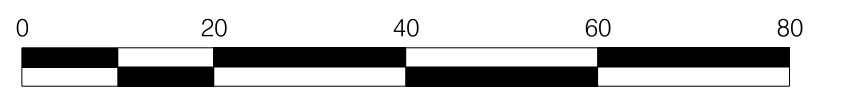
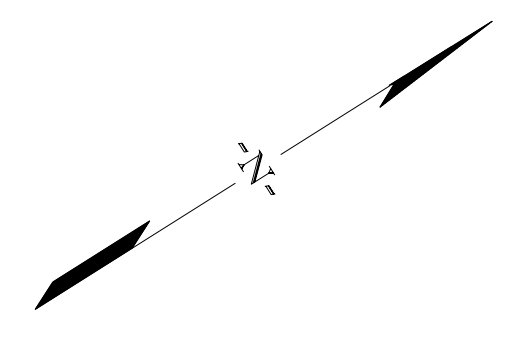
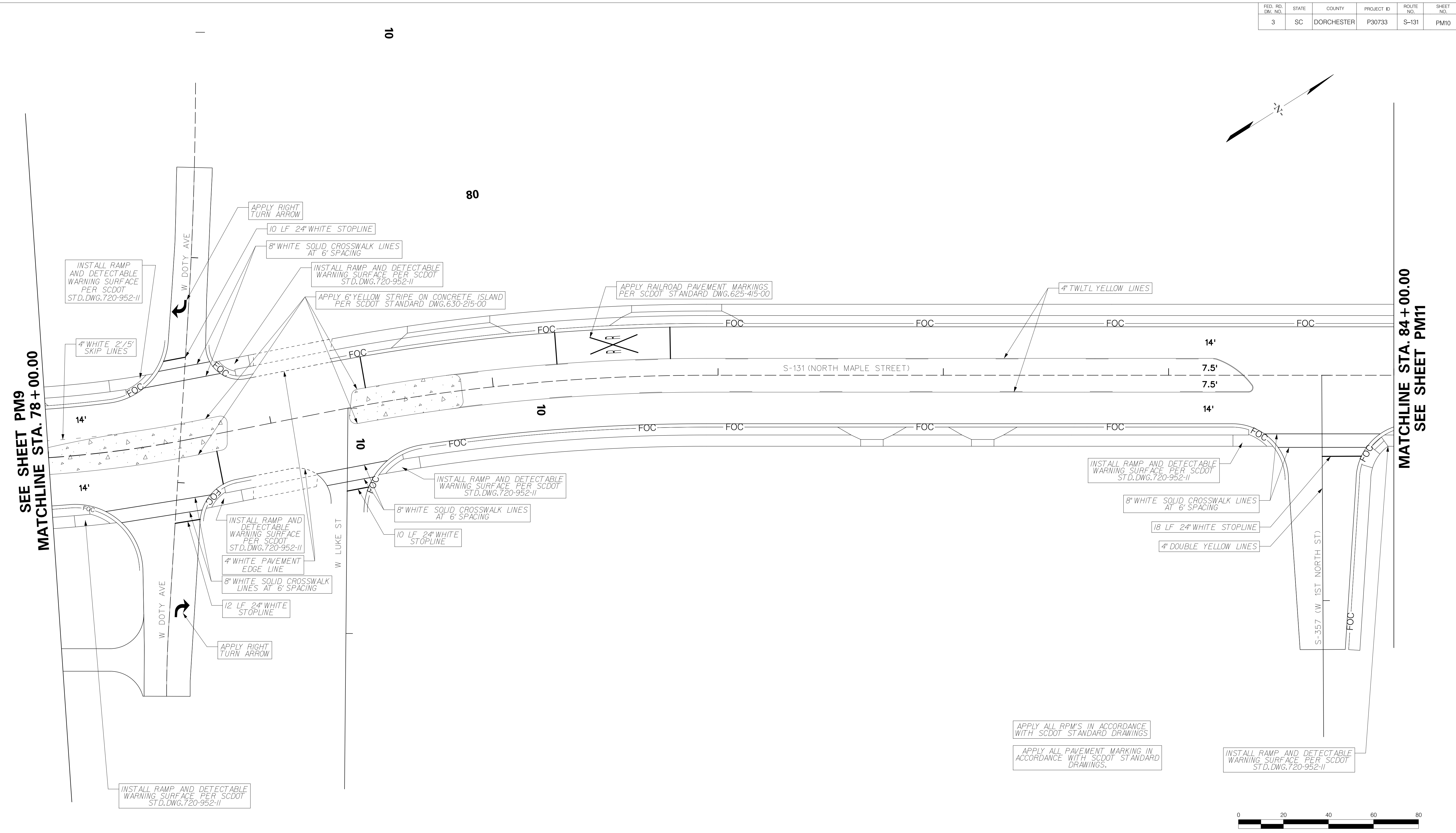
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET) /
S-65 (W RICHARDSON AVE)
PAVEMENT MARKING SHEET
STA. 73+00.00 TO STA. 78+00.00
STA. 309+00.00 TO STA. 312+50.00

SHEET PM9 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM10



SEE SHEET PM9
MATCHLINE STA. 78 + 00.00

MATCHLINE STA. 84 + 00.00
SEE SHEET PM11

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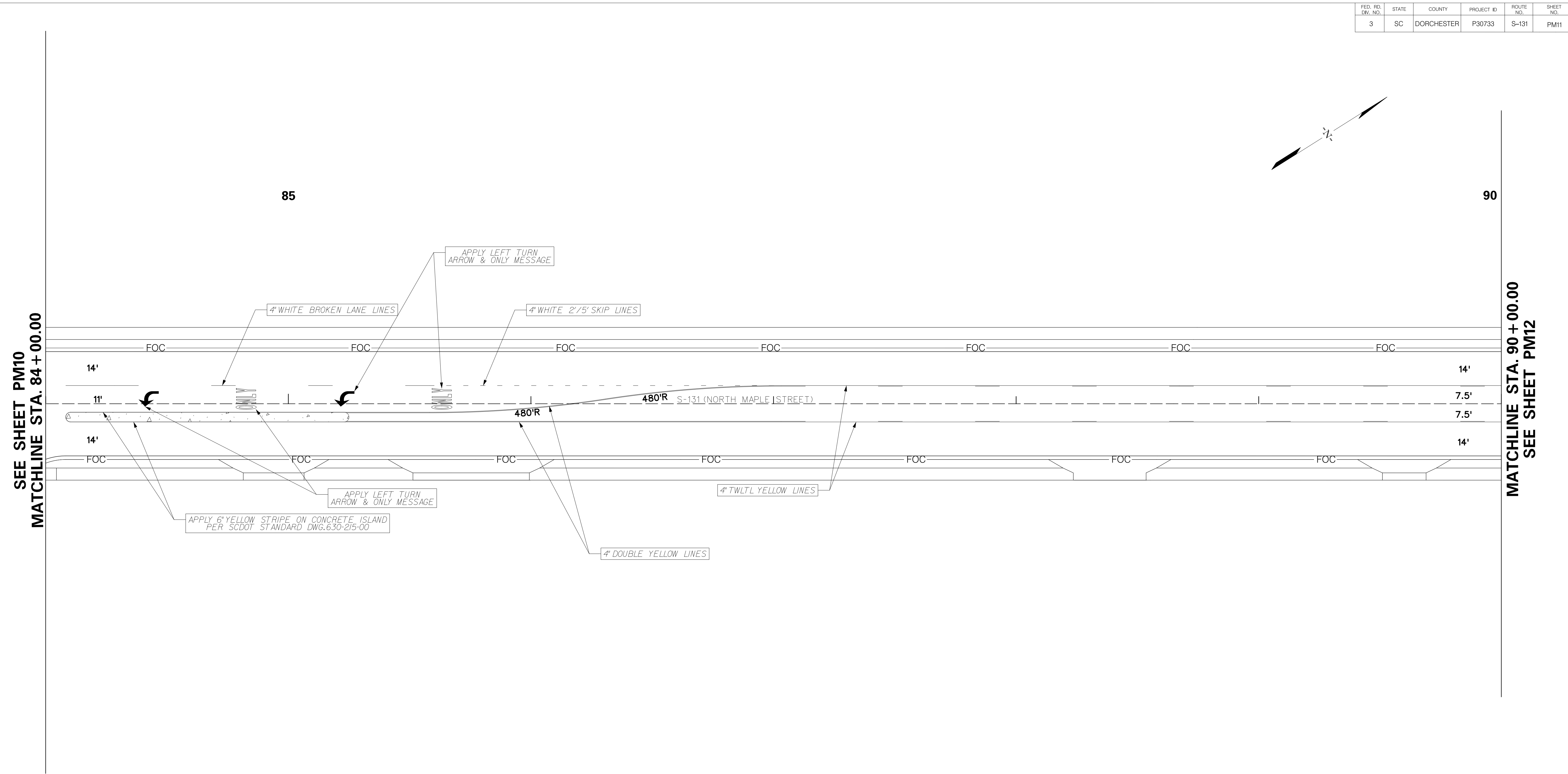
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 78 + 00.00 TO STA. 84 + 00.00

SHEET PM10 SCALE: 1" = 20'

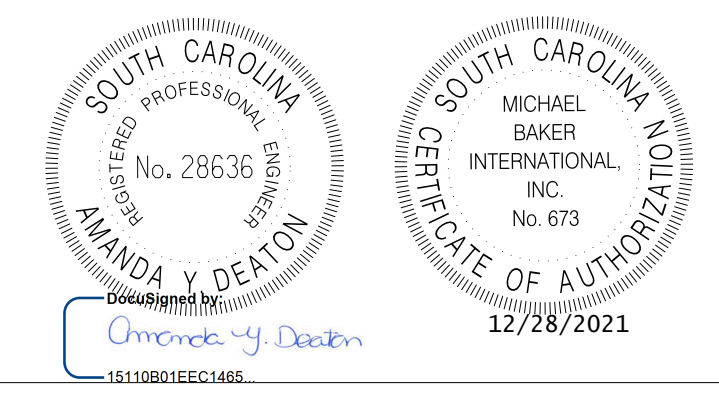
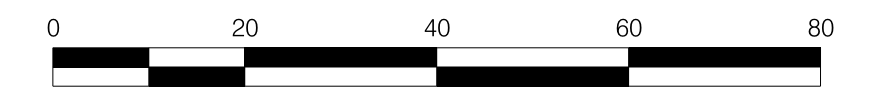
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 Peter.Dondanville

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM11



APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



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TOWN OF SUMMERVILLE

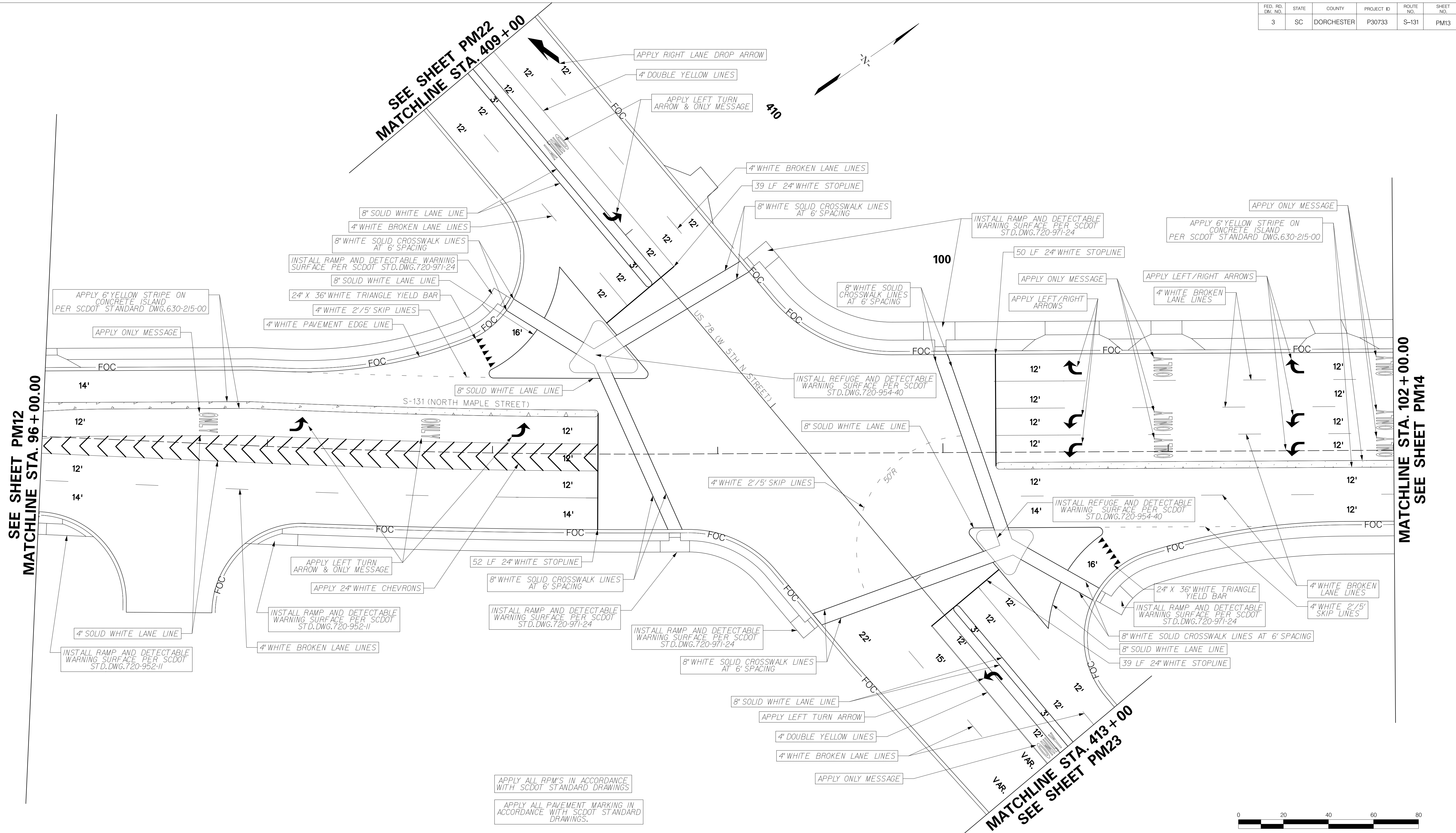
S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 84 + 00.00 TO STA. 90 + 00.00

SHEET PM11

SCALE: 1" = 20'

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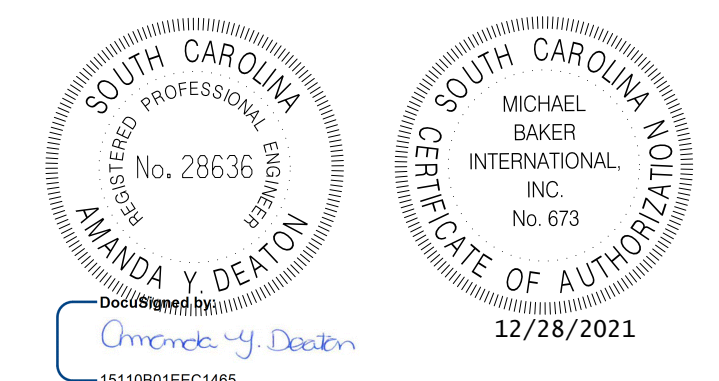
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3	SC	DORCHESTER	P30733	S-131	PM13



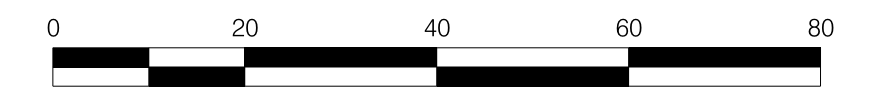
SEE SHEET PM12
MATCHLINE STA. 96 + 00.00

MATCHLINE STA. 102 + 00.00
SEE SHEET PM14

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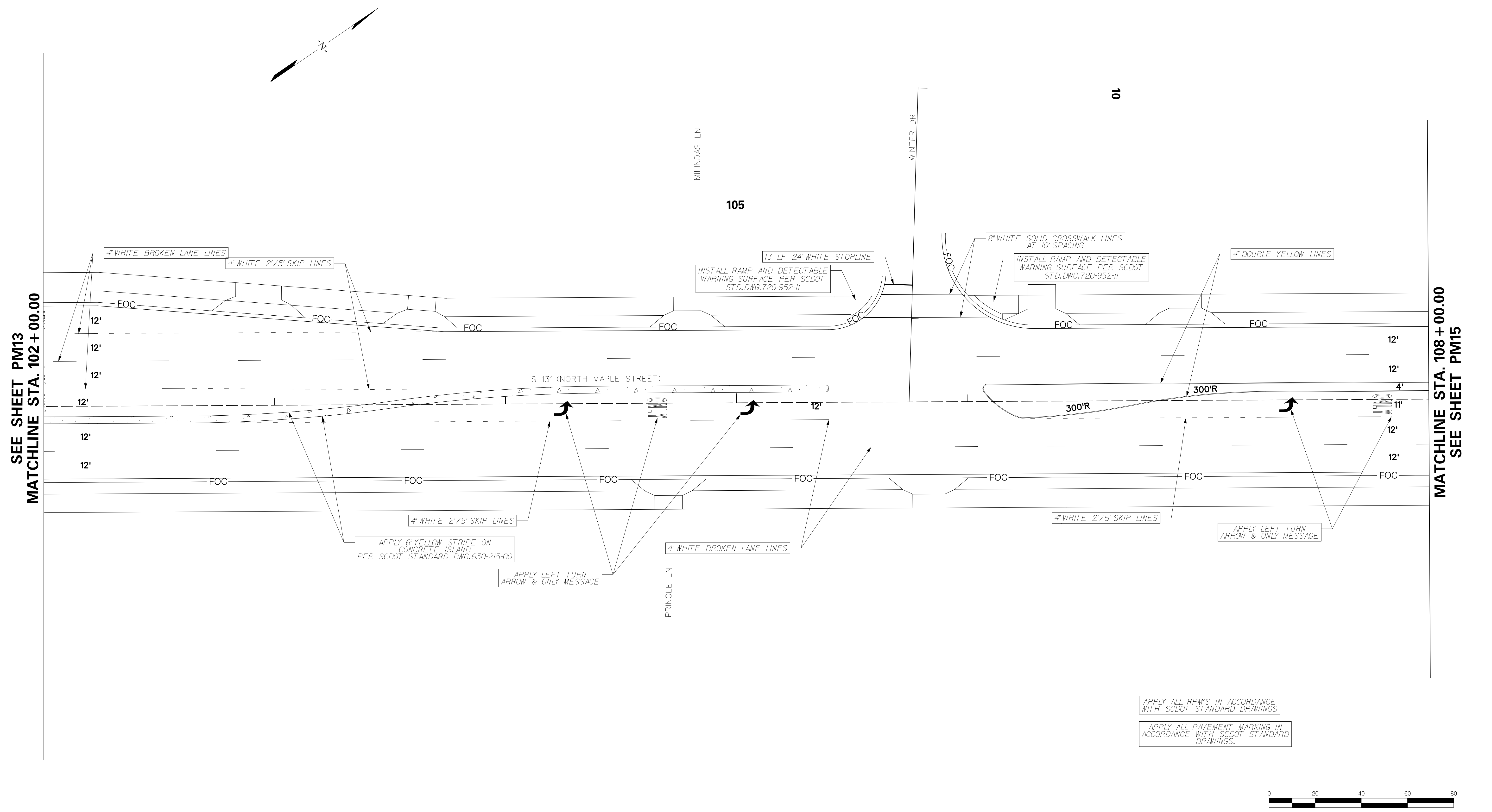


TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET) /
S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 409 + 00.00 TO STA. 413 + 00.00
STA. 96 + 00.00 TO STA. 102 + 00.00

SHEET PM13 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM14

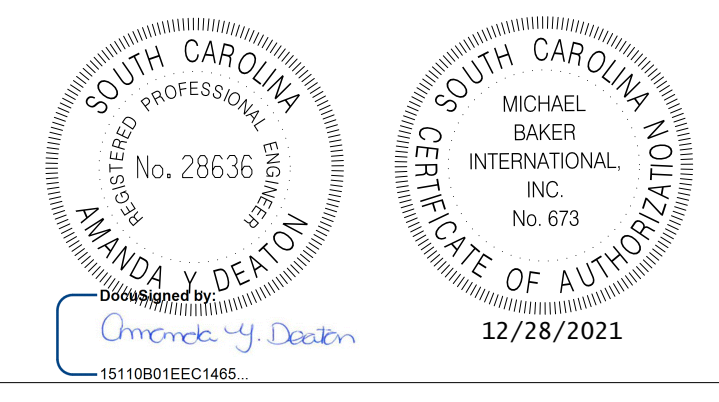
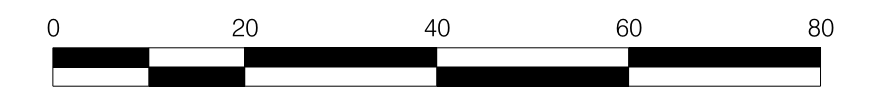


SEE SHEET PM13
MATCHLINE STA. 102 + 00.00

MATCHLINE STA. 108 + 00.00
SEE SHEET PM15

APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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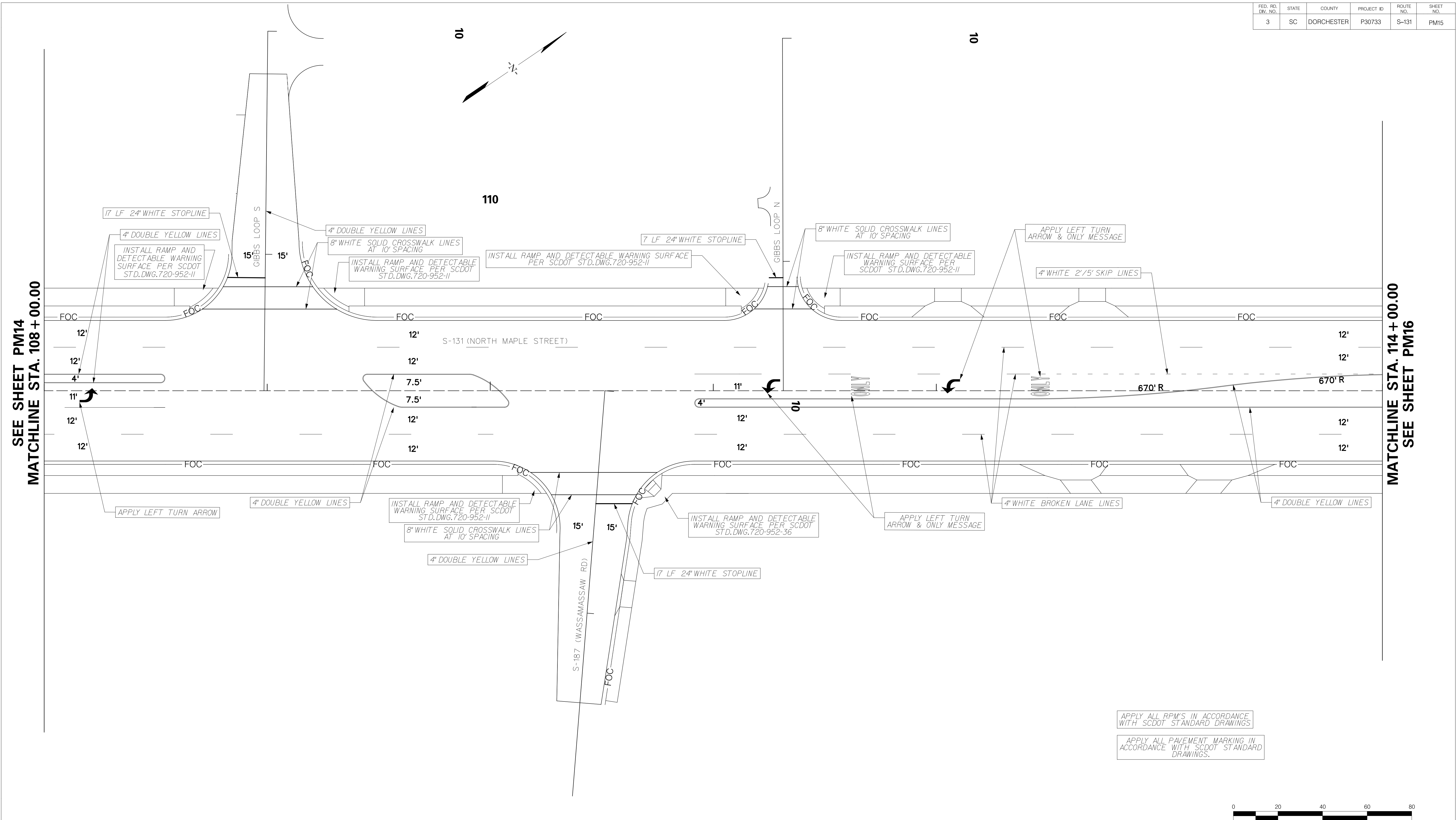
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 102 + 00.00 TO STA. 108 + 00.00

SHEET PM14 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM15

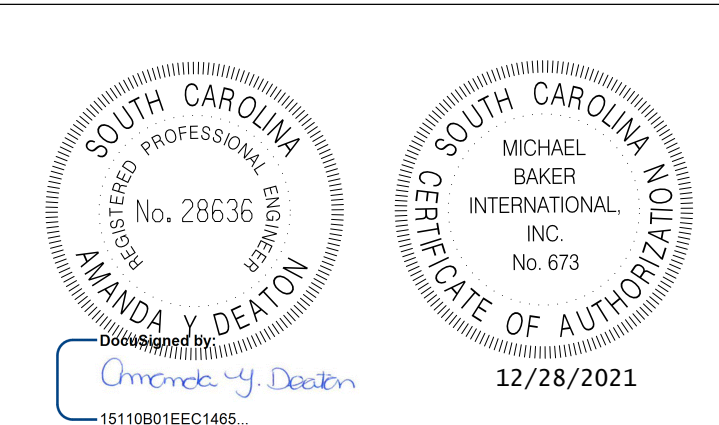
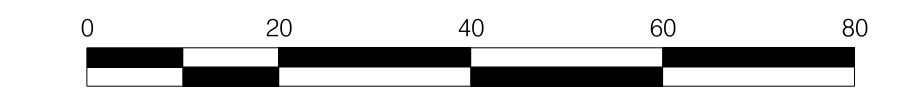


SEE SHEET PM14
MATCHLINE STA. 108 + 00.00

MATCHLINE STA. 114 + 00.00
SEE SHEET PM16

APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



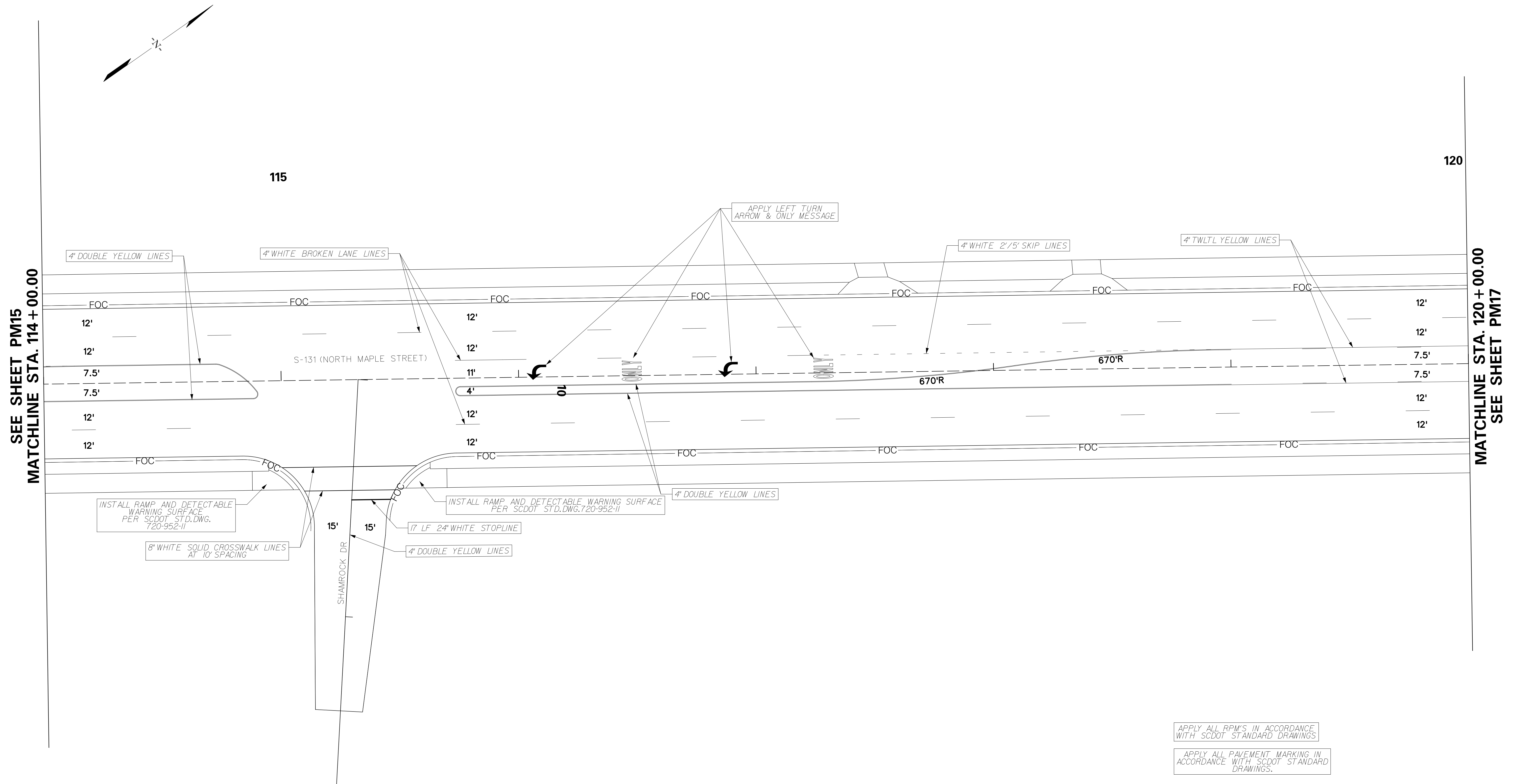
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 108 + 00.00 TO STA. 114 + 00.00

SHEET PM15 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM16

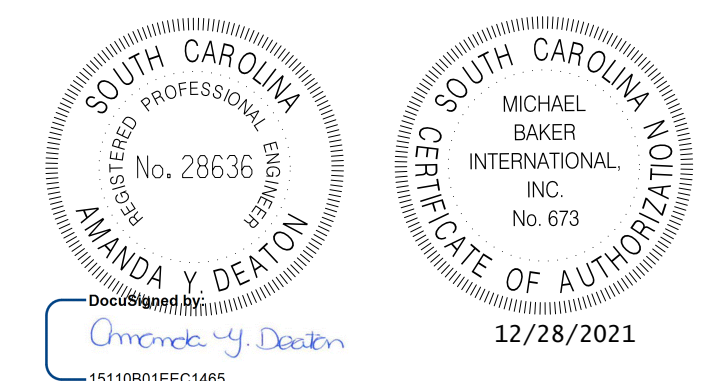
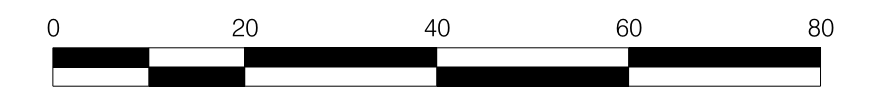


SEE SHEET PM15
MATCHLINE STA. 114 + 00.00

MATCHLINE STA. 120 + 00.00
SEE SHEET PM17

APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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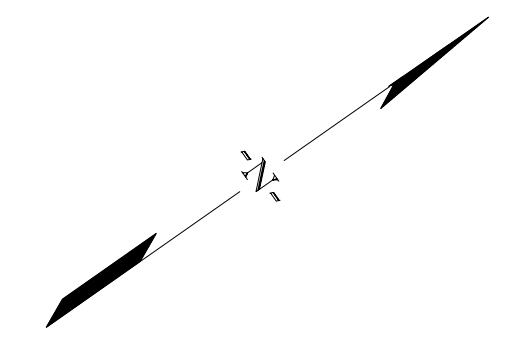
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 114+00.00 TO STA. 120+00.00

SHEET PM16 SCALE: 1" = 20'

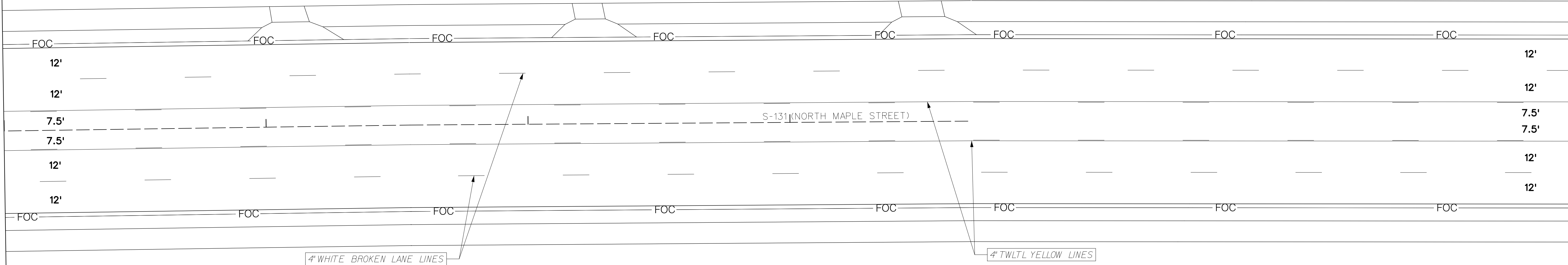
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM17

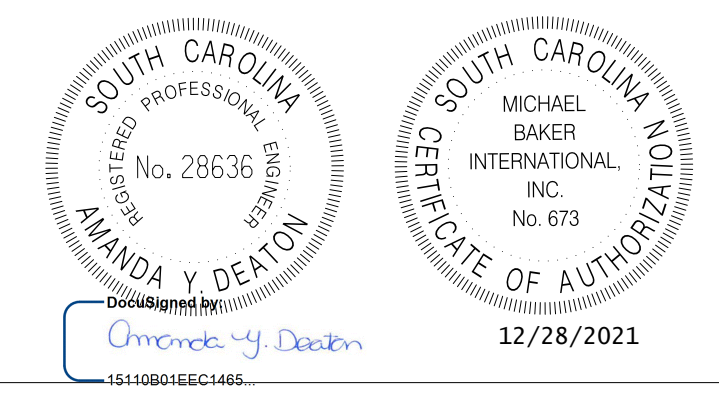
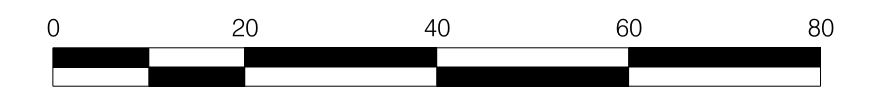


SEE SHEET PM16
MATCHLINE STA. 120 + 00.00

MATCHLINE STA. 126 + 00.00
SEE SHEET PM18



APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.
APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



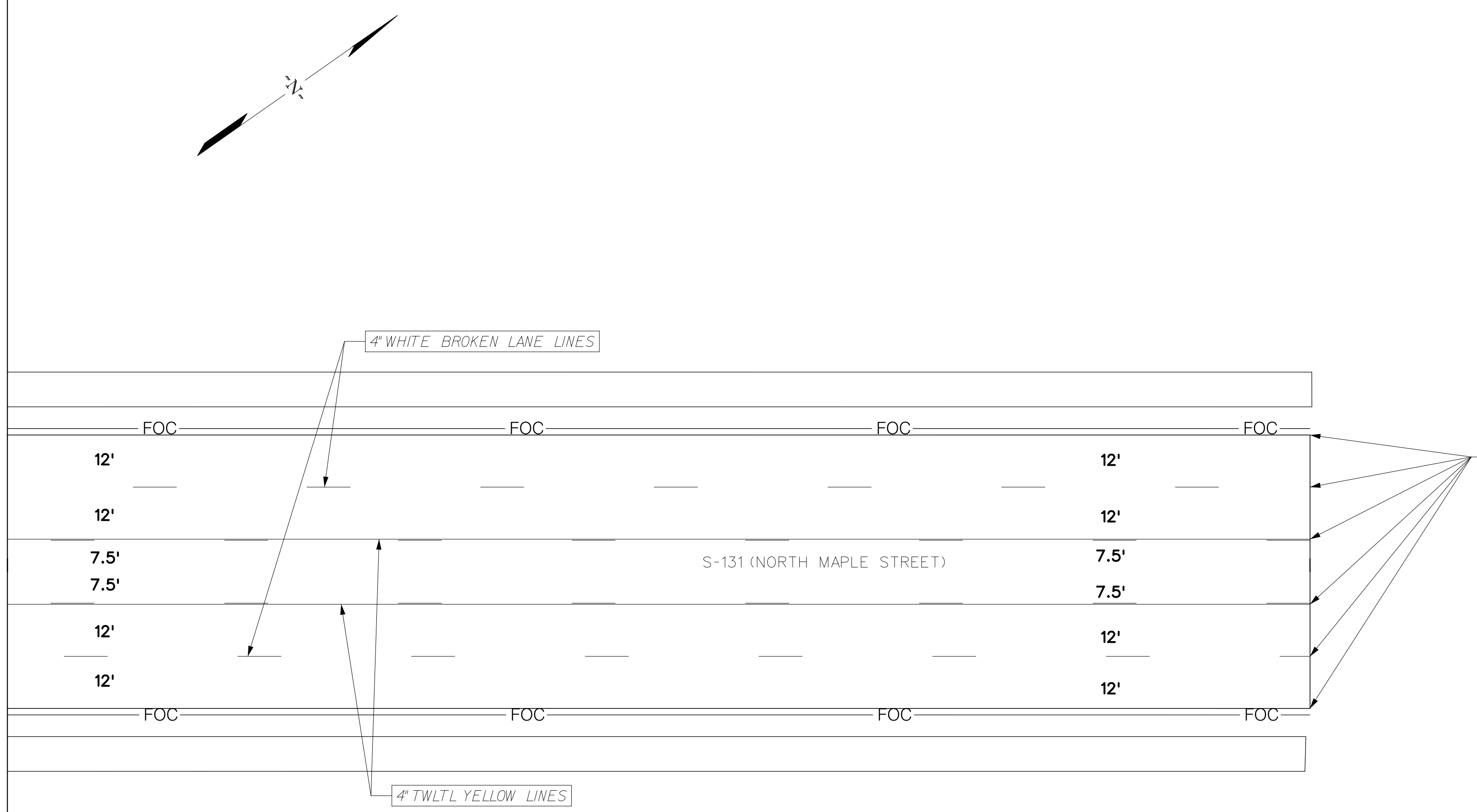
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TOWN OF SUMMERVILLE
 S-131 (NORTH MAPLE STREET)
 PAVEMENT MARKING SHEET
 STA. 120+00.00 TO STA. 126+00.00
 SHEET PM17 SCALE: 1" = 20'

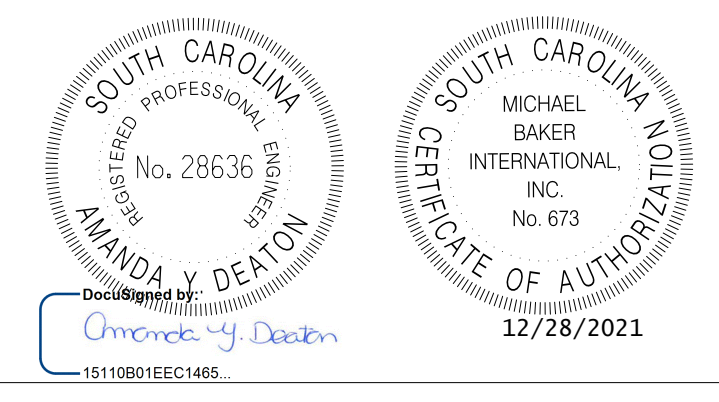
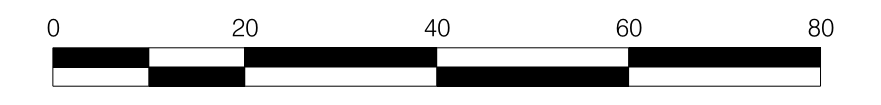
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM18

SEE SHEET PM17
MATCHLINE STA. 126 + 00.00



APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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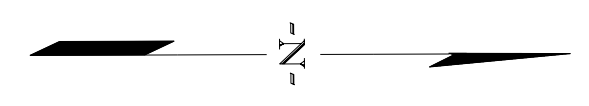
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
PAVEMENT MARKING SHEET
STA. 126 + 00.00 TO STA. 128 + 70.00

SHEET PM18 SCALE: 1" = 20'

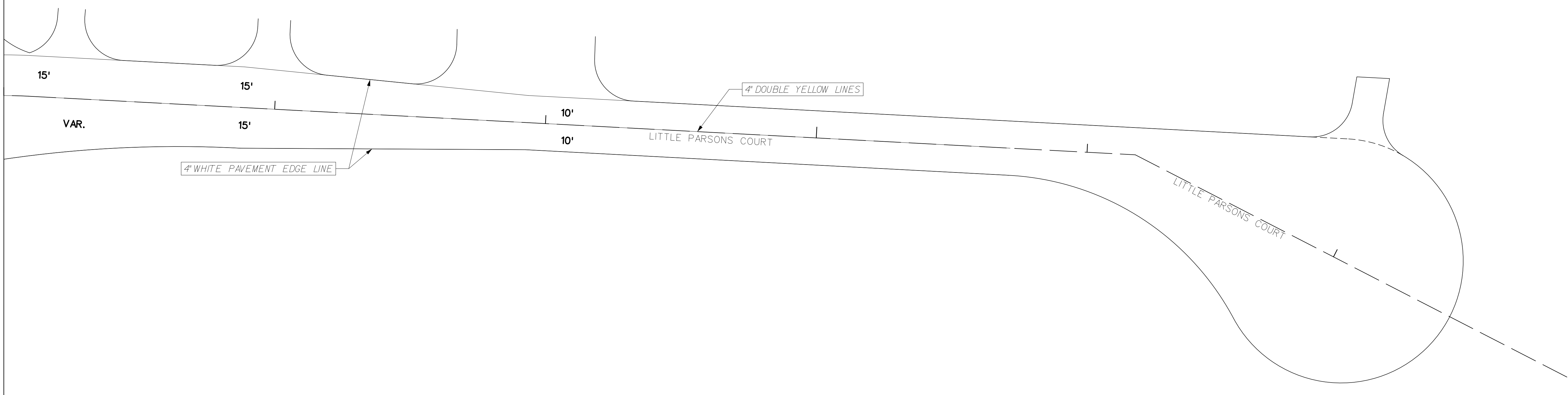
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM119



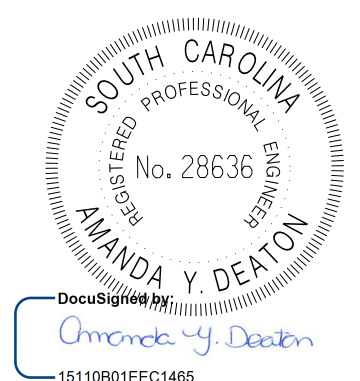
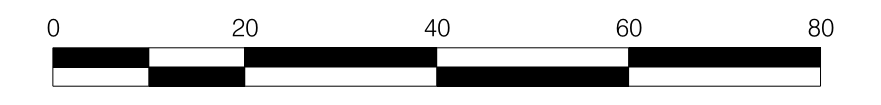
205

SEE SHEET PM7
MATCHLINE STA. 202 + 00.00



APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



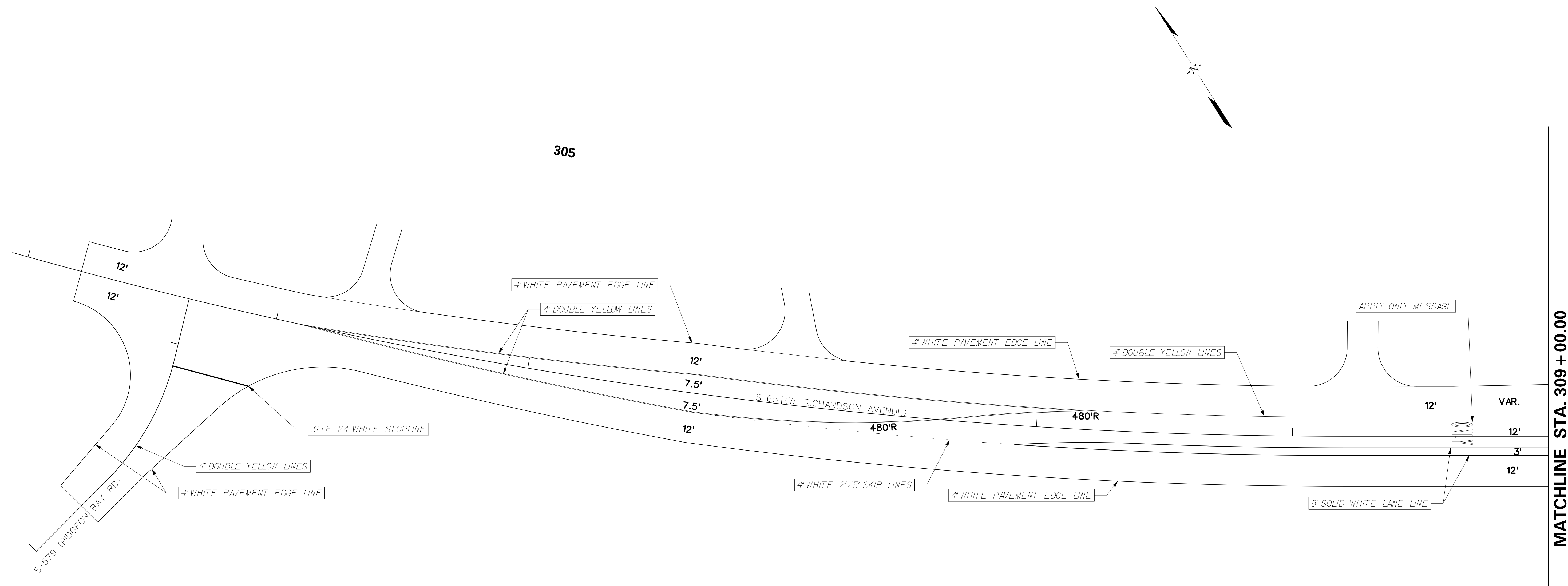
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOWN OF SUMMERVILLE

S-59 (PARSONS ROAD)
PAVEMENT MARKING SHEET
STA. 202 + 00.00 TO STA. 207 + 50.20

SHEET PM19 SCALE: 1" = 20'

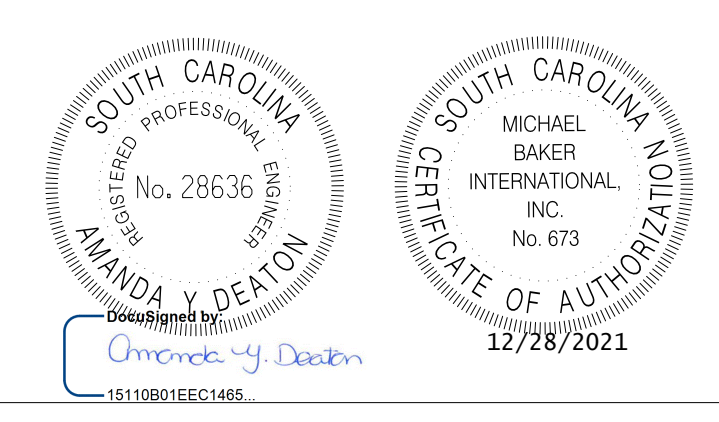
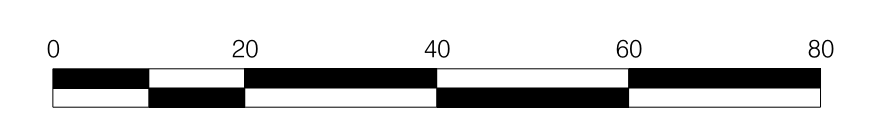
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3	SC	DORCHESTER	P30733	S-131	PM20



MATCHLINE STA. 309 + 00.00
SEE SHEET PM9

APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



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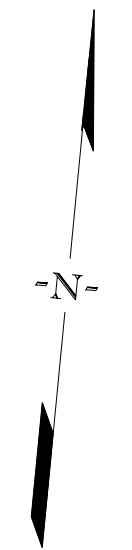
TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
PAVEMENT MARKING SHEET
STA. 303 + 21.58 TO STA. 309 + 00.00

SHEET PM20 SCALE: 1" = 20'

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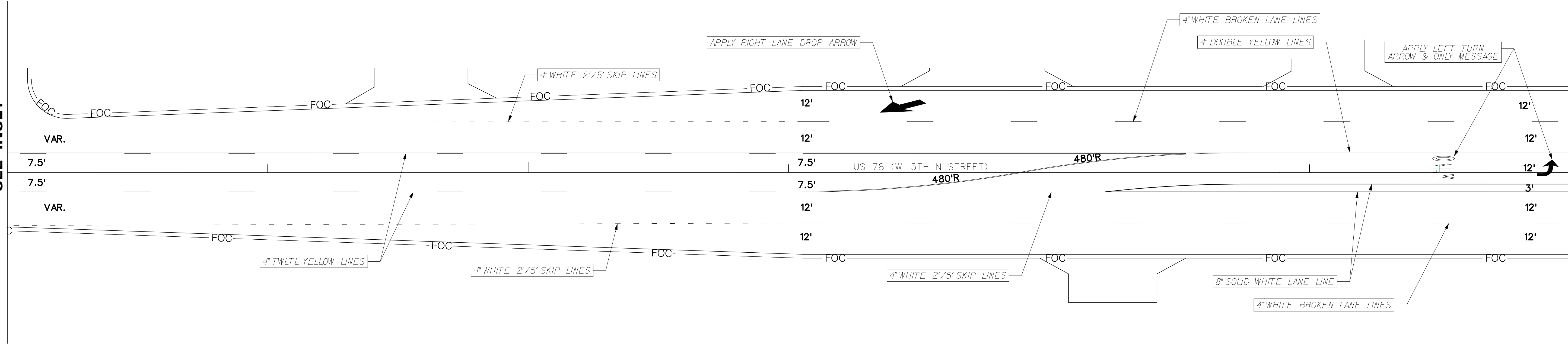
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3	SC	DORCHESTER	P30733	S-131	PM22



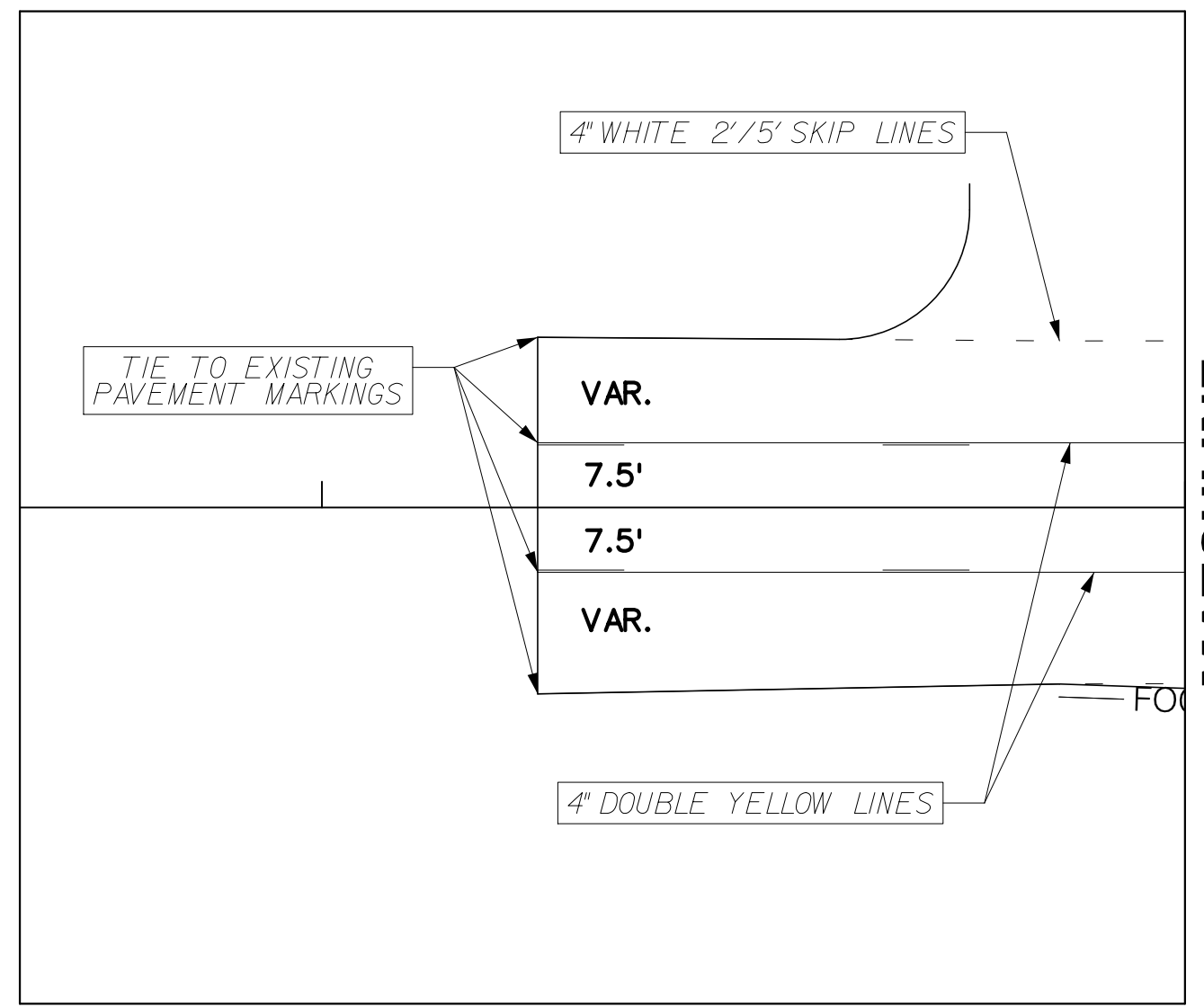
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MATCHLINE STA. 403 + 00.00
SEE INSET

MATCHLINE STA. 409 + 00.00
SEE SHEET PM13



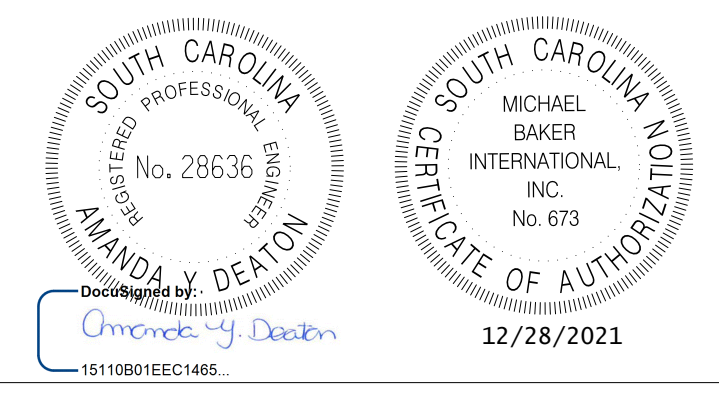
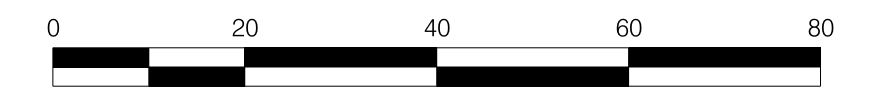
INSET



MATCHLINE
STA. 403 + 00.00

APPLY ALL RPM'S IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS.



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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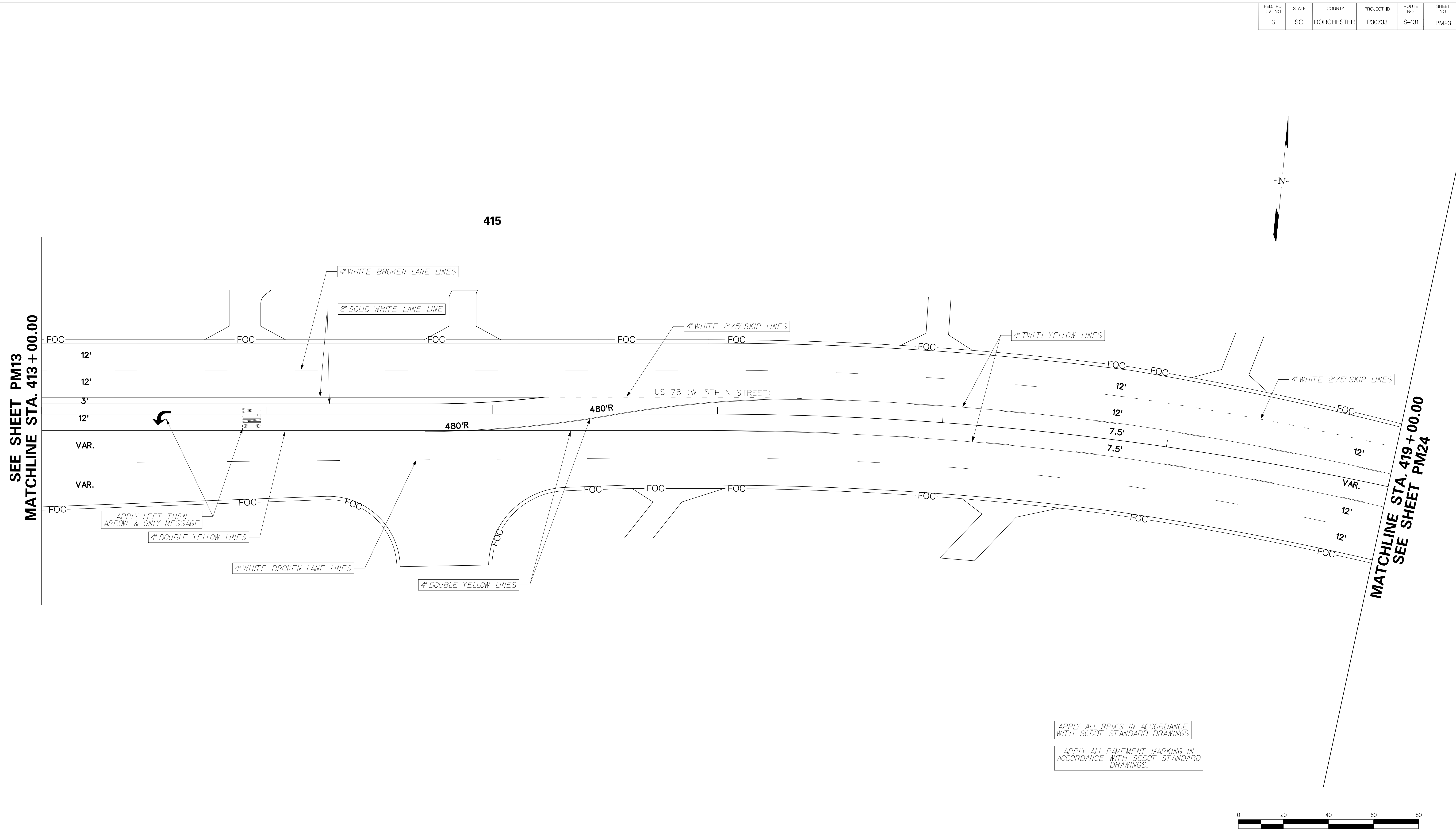
TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PAVEMENT MARKING SHEET
STA. 403+27.90 TO STA. 409+00.00

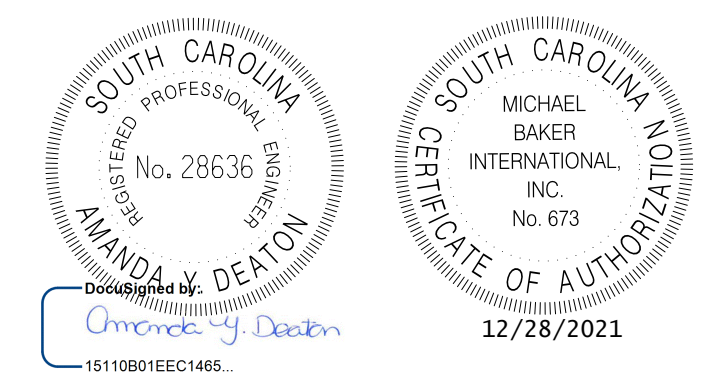
SHEET PM22 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM23



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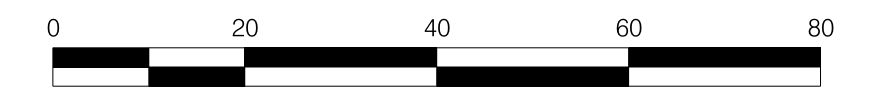
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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 CHECKED BY: _____ DATE: _____

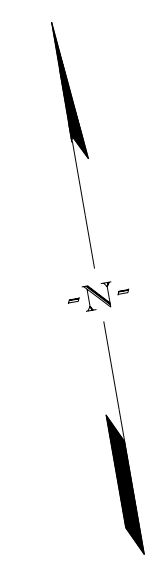
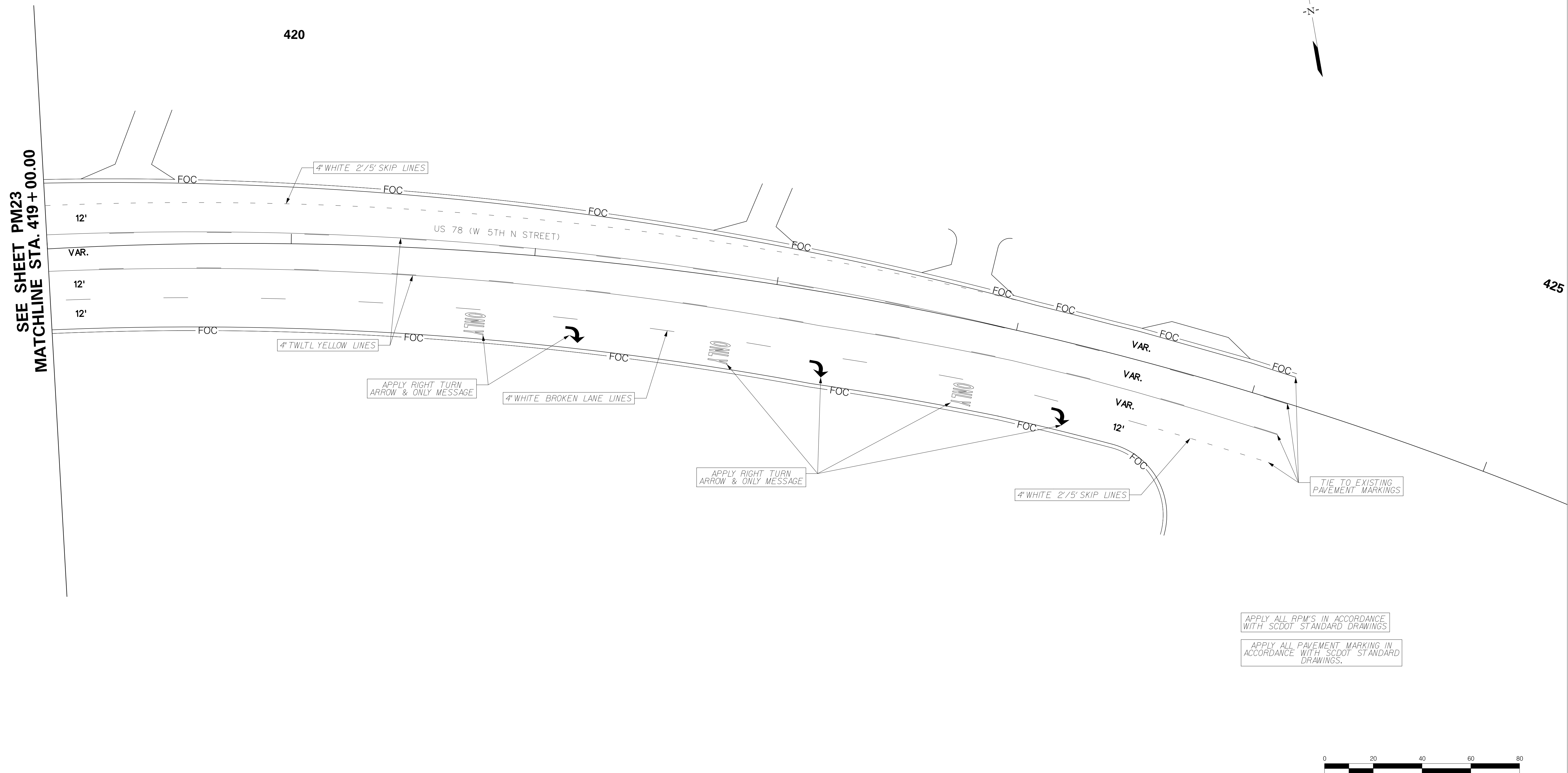
TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
PAVEMENT MARKING SHEET
STA. 413+00.00 TO STA. 419+00.00

SHEETPM23 SCALE: 1" = 20'



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	PM24



SEE SHEET PM23
MATCHLINE STA. 419 + 00.00

420

425

US 78 (W 5TH N STREET)

4" WHITE 2'/5' SKIP LINES

4" TWLTL YELLOW LINES

APPLY RIGHT TURN
ARROW & ONLY MESSAGE

4" WHITE BROKEN LANE LINES

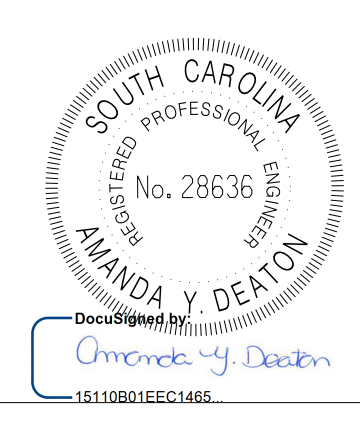
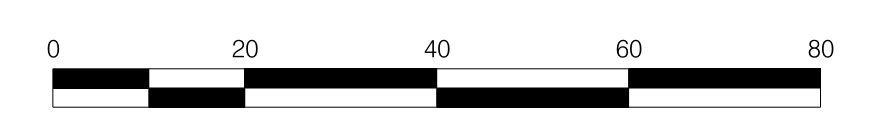
APPLY RIGHT TURN
ARROW & ONLY MESSAGE

4" WHITE 2'/5' SKIP LINES

TIE TO EXISTING
PAVEMENT MARKINGS

APPLY ALL RPM'S IN ACCORDANCE
WITH SCDOT STANDARD DRAWINGS

APPLY ALL PAVEMENT MARKING IN
ACCORDANCE WITH SCDOT STANDARD
DRAWINGS.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

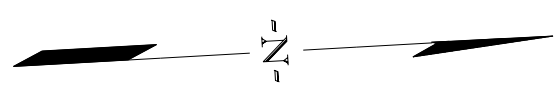
US 78 (W 5TH N STREET)
PAVEMENT MARKING SHEET
STA. 419+00 TO STA 424+15.00

SHEET PM24

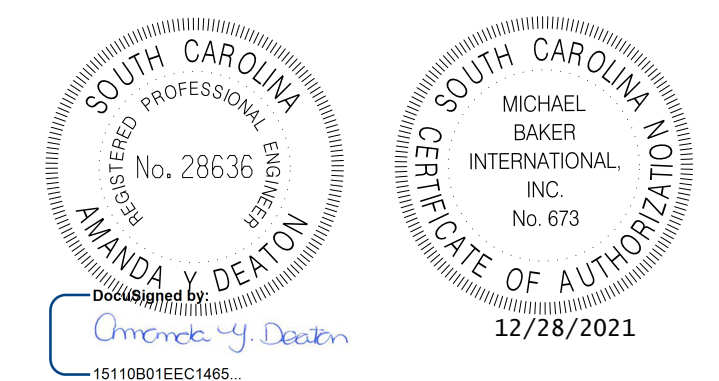
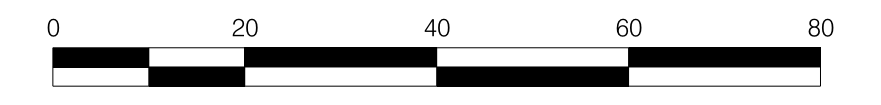
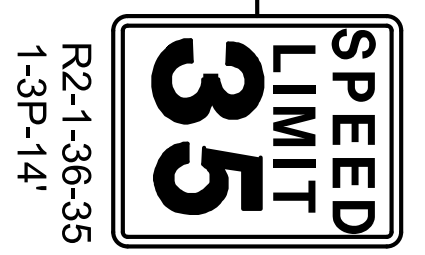
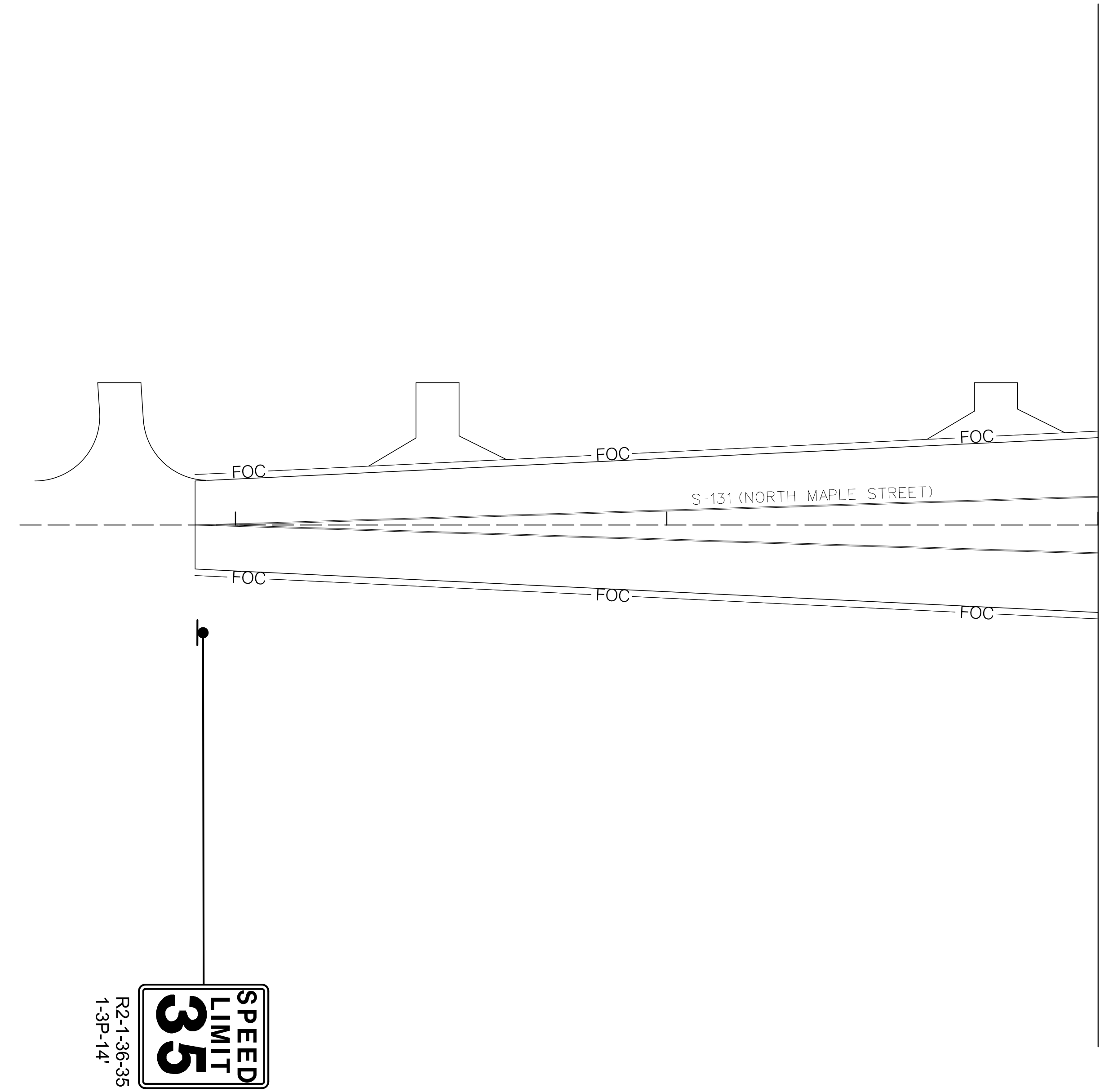
SCALE: 1" = 20'

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN6



60



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

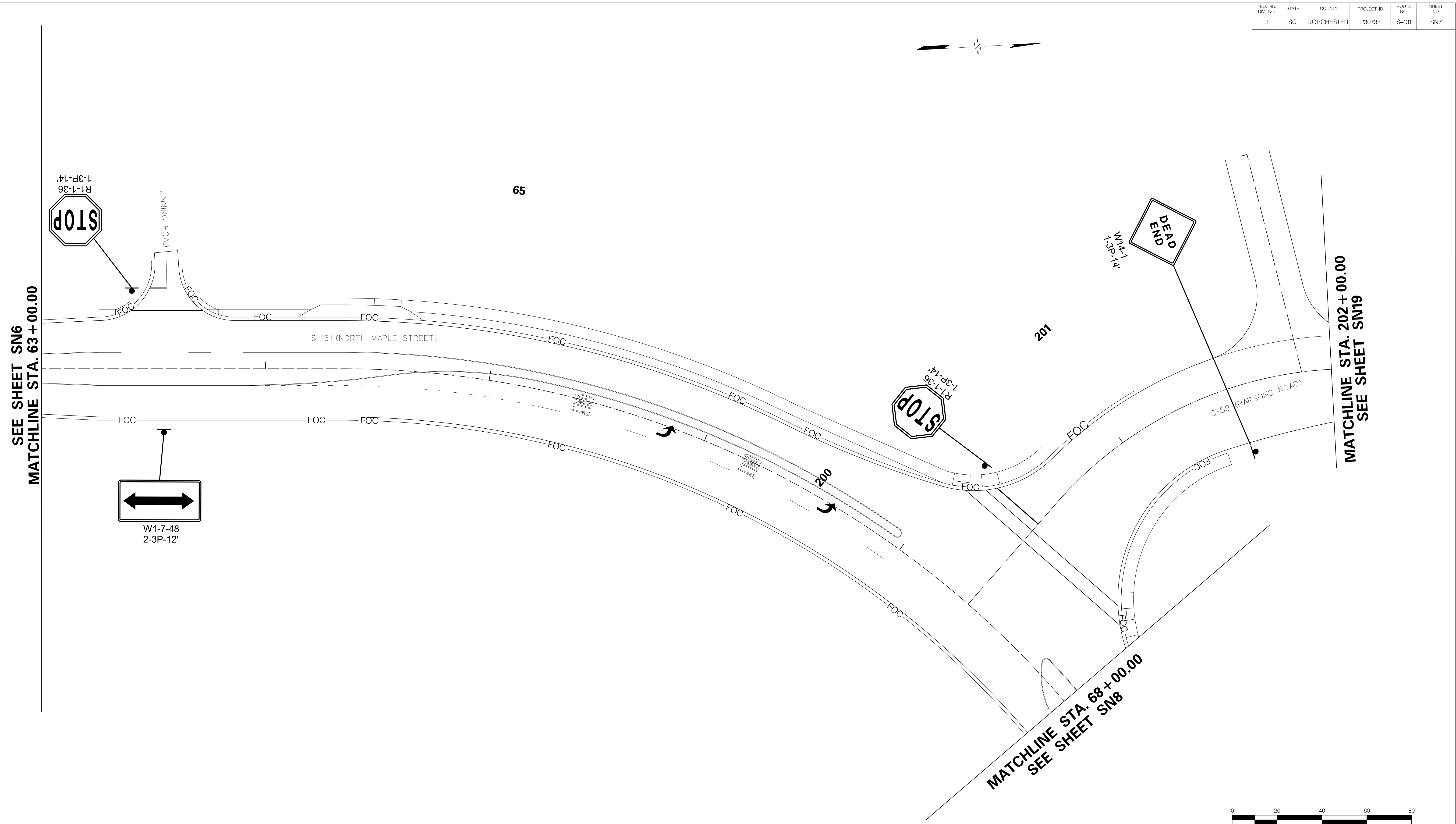
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 60 + 90.65 TO STA. 63 + 00.00

SHEET SN6 SCALE: 1" = 20'

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN7

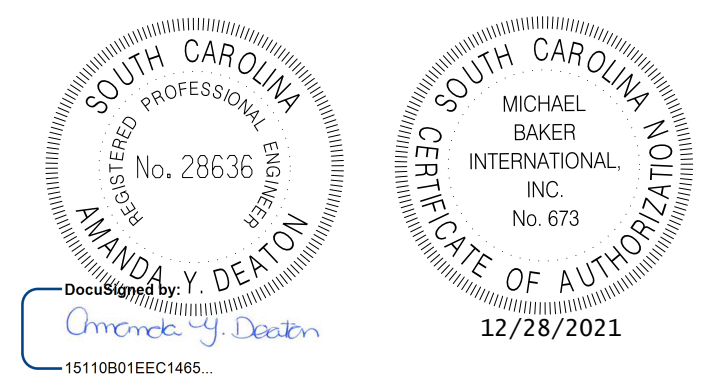


SEE SHEET SN6
MATCHLINE STA. 63 + 00.00

MATCHLINE STA. 202 + 00.00
SEE SHEET SN19

W1-7-48
2-3P-12'

MATCHLINE STA. 68 + 00.00
SEE SHEET SN8



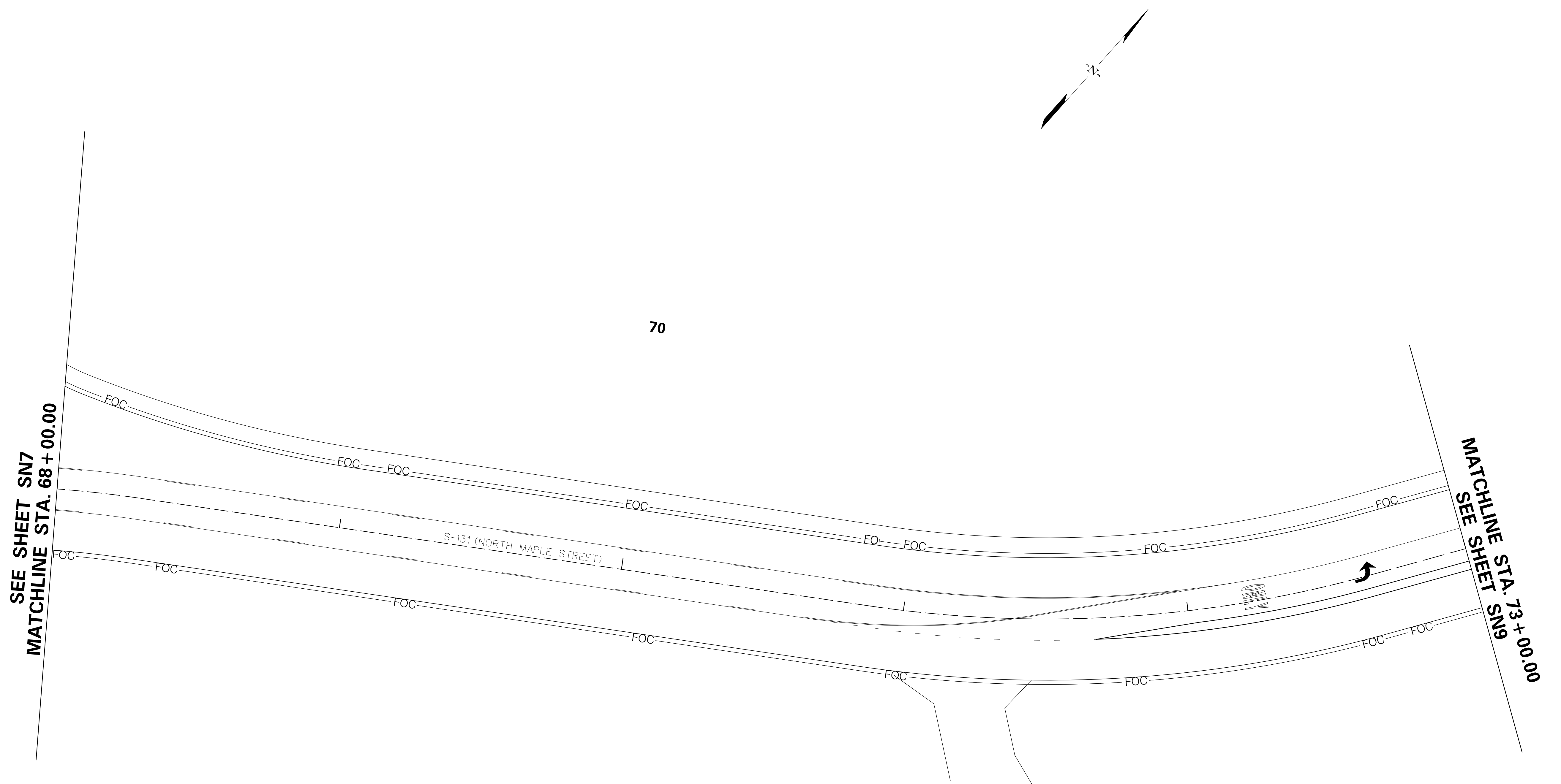
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

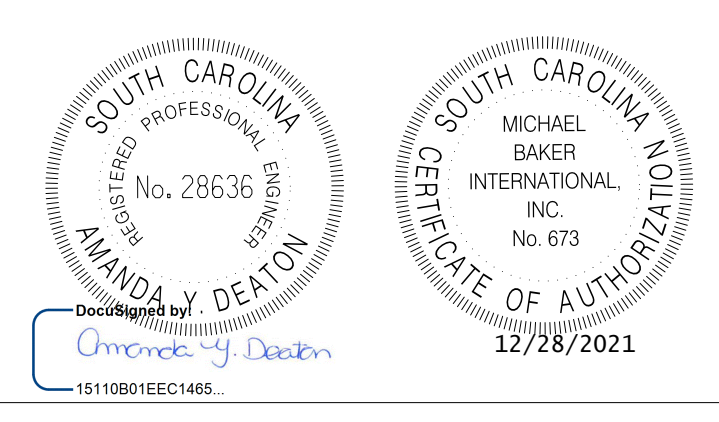
S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
SIGNING SHEET
STA. 62 + 00.00 TO STA. 68 + 00.00
STA. 200 + 00.00 TO STA. 202 + 00.00

SHEET SN7 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN8



NO SIGN WORK SHOWN ON THIS SHEET



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 68 + 00.00 TO STA. 73 + 00.00

SHEET SN8

SCALE: 1" = 20'

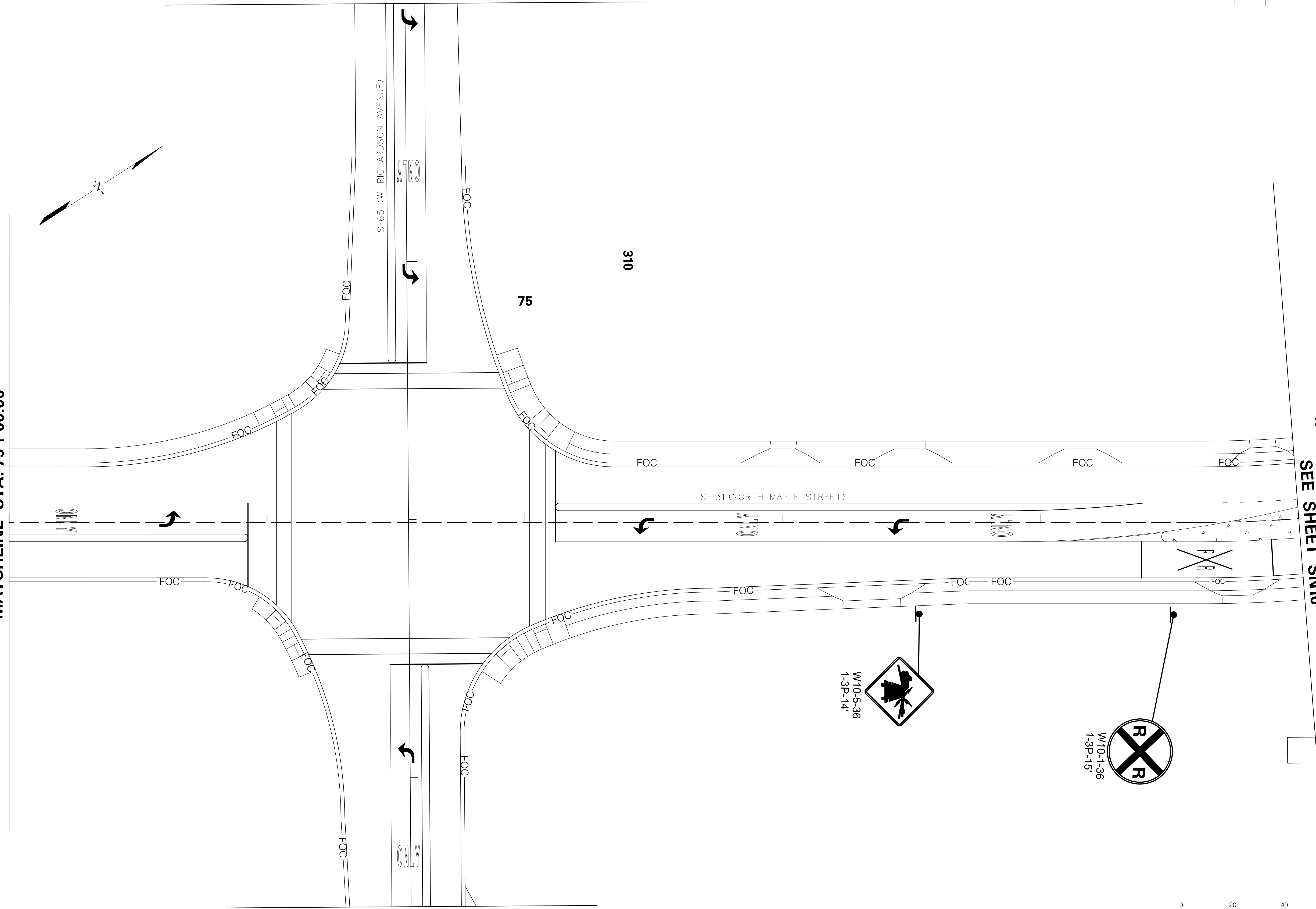
R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH7_SN3.dgn 15-DEC-2021 08:48 Peter.Dondamille

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN9

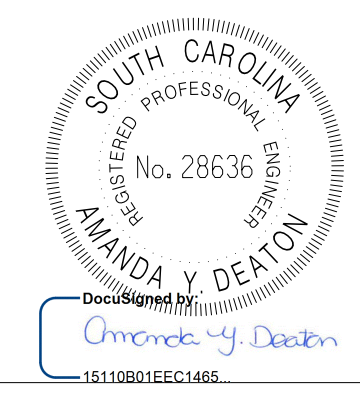
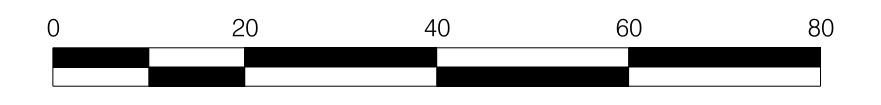
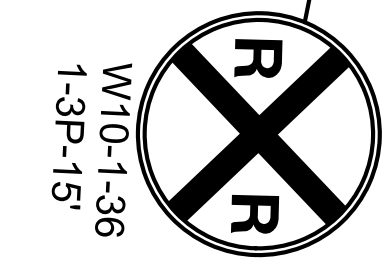
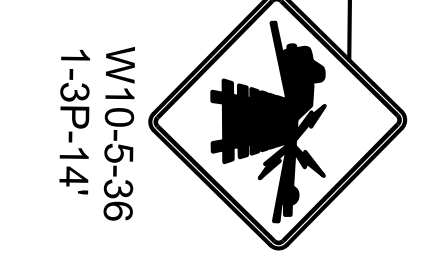
MATCHLINE STA. 309 + 00.00 SEE SHEET SN20

SEE SHEET SN8
MATCHLINE STA. 73 + 00.00

MATCHLINE STA. 78 + 00.00
SEE SHEET SN10



MATCHLINE STA. 312 + 50.00 SEE SHEET SN21



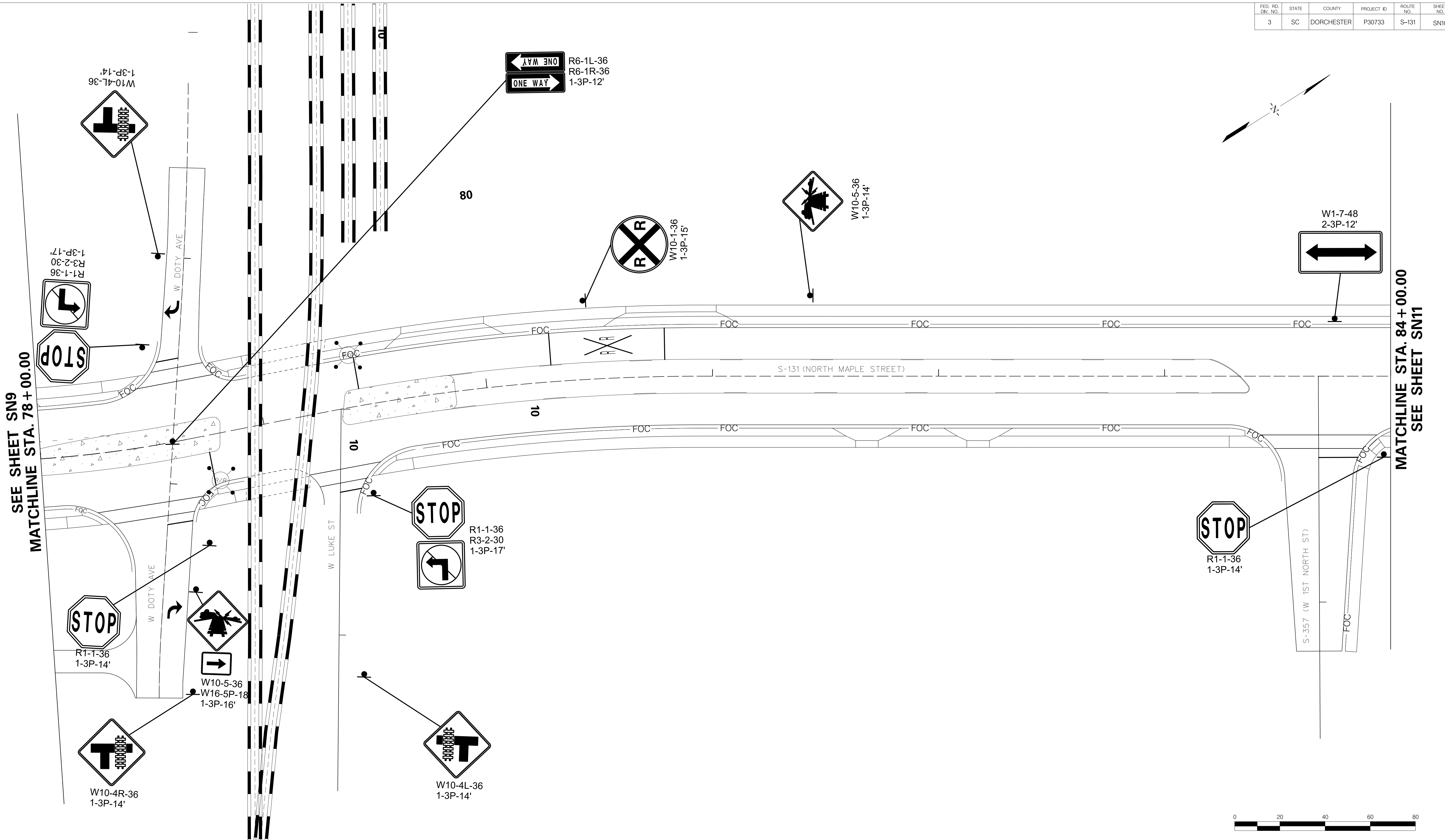
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET) /
S-65 (W RICHARDSON AVE)
SIGNING SHEET
STA. 73 + 00.00 TO STA. 78 + 00.00
STA. 309 + 00.00 TO STA. 312 + 50.00

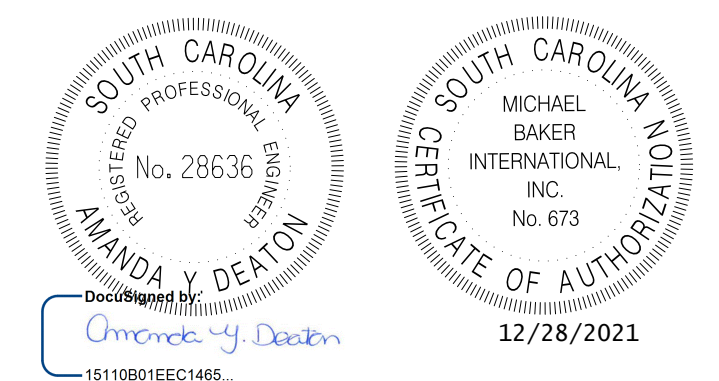
SHEET SN9 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN10



SEE SHEET SN9
MATCHLINE STA. 78 + 00.00

MATCHLINE STA. 84 + 00.00
SEE SHEET SN11



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 78 + 00.00 TO STA. 84 + 00.00

SHEET SN10 SCALE: 1" = 20'

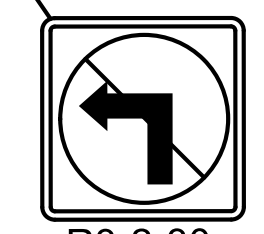
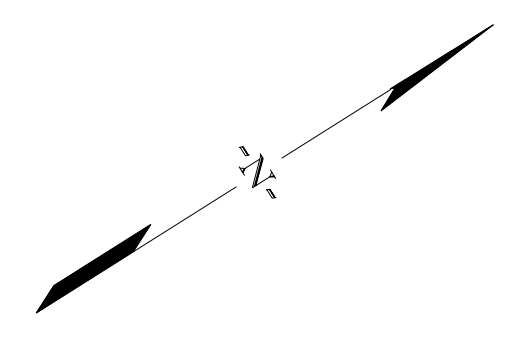
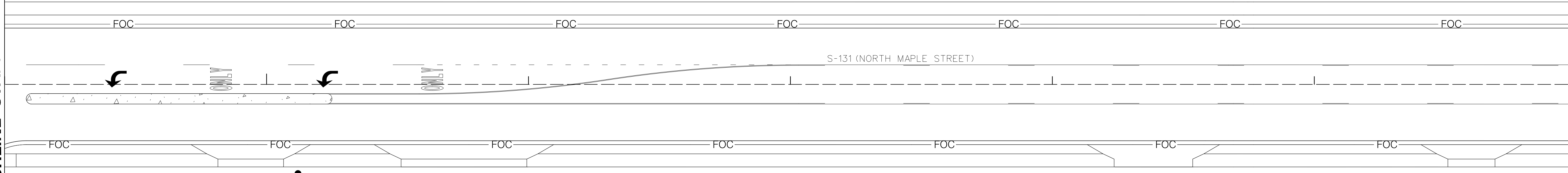
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN11

SEE SHEET SN10
MATCHLINE STA. 84 + 00.00

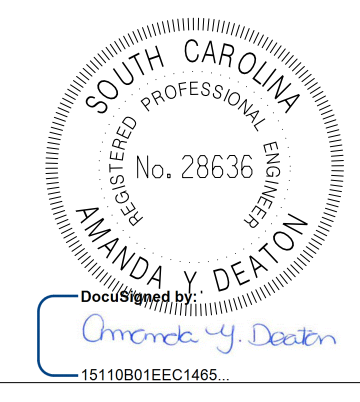
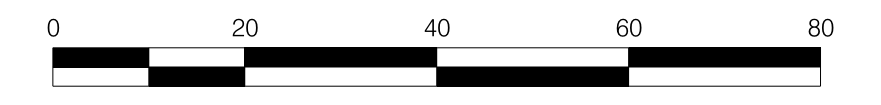
MATCHLINE STA. 90 + 00.00
SEE SHEET SN12

85

90



R3-2-30
1-3P-14'



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
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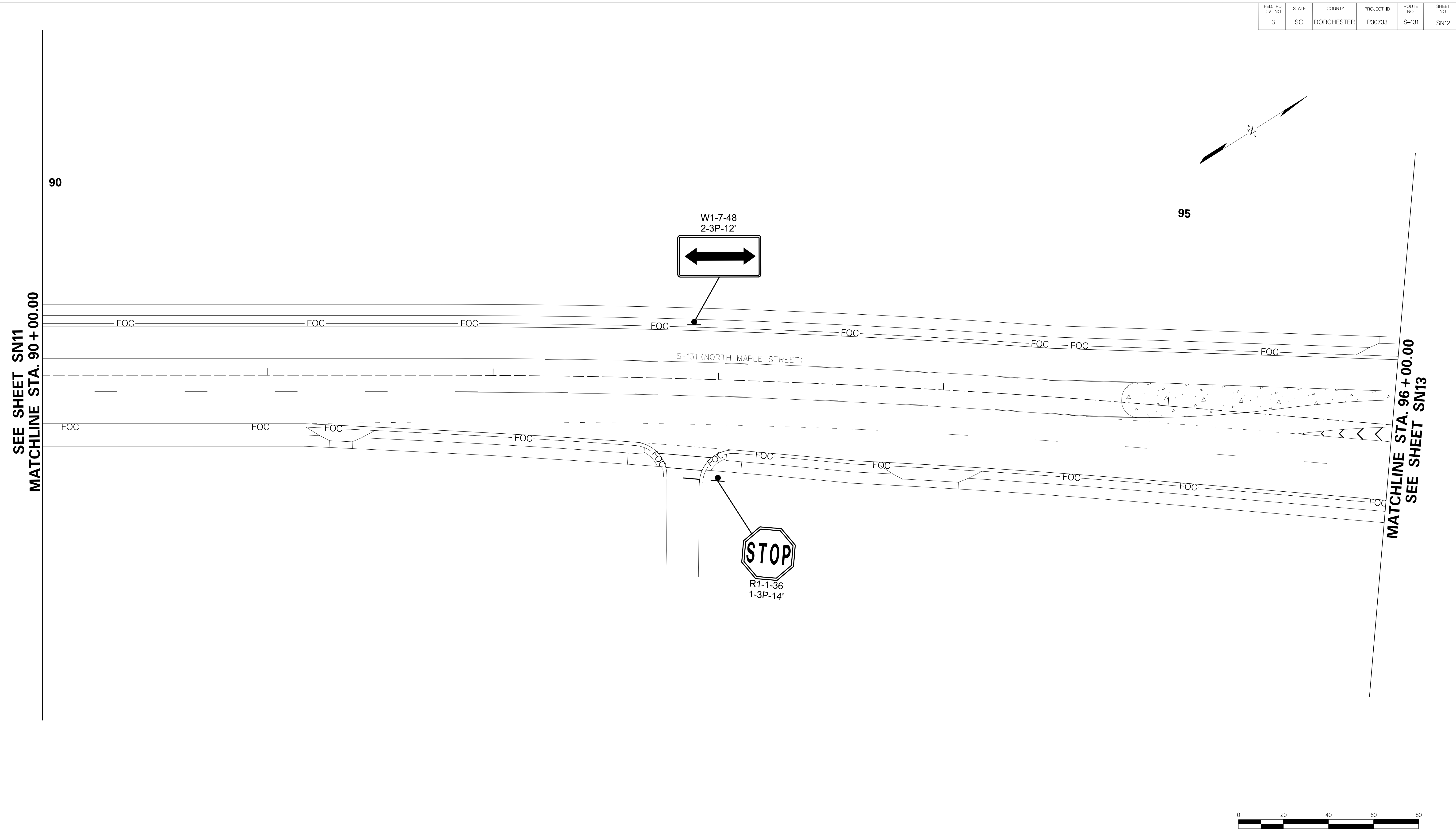
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 84 + 00.00 TO STA. 90 + 00.00

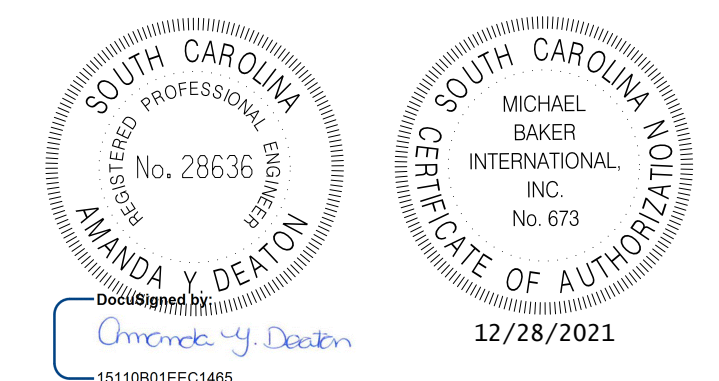
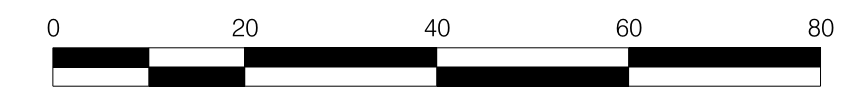
SHEET SN11

SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN12



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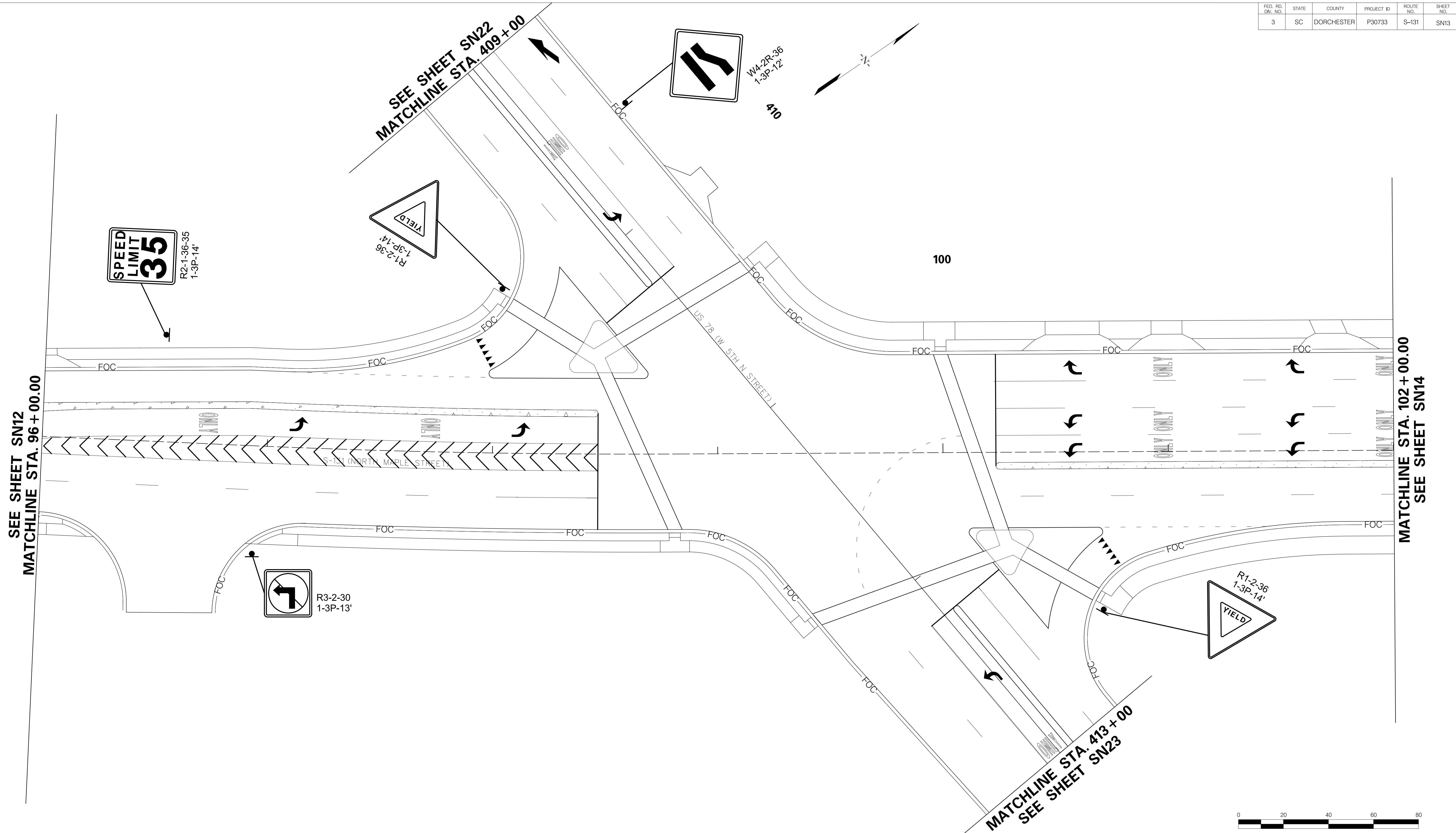
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

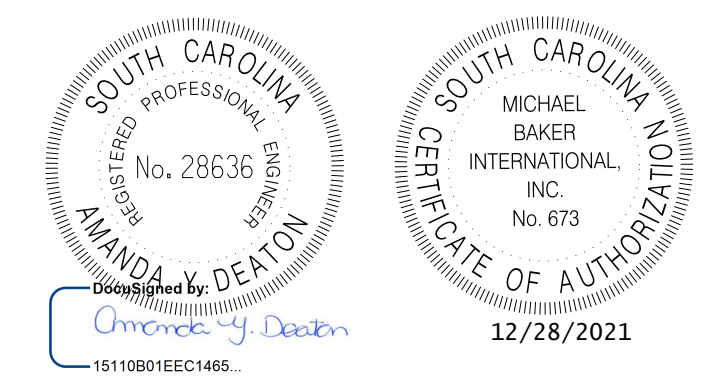
S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 90+00.00 TO STA. 96+00.00

SHEET SN12 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN13



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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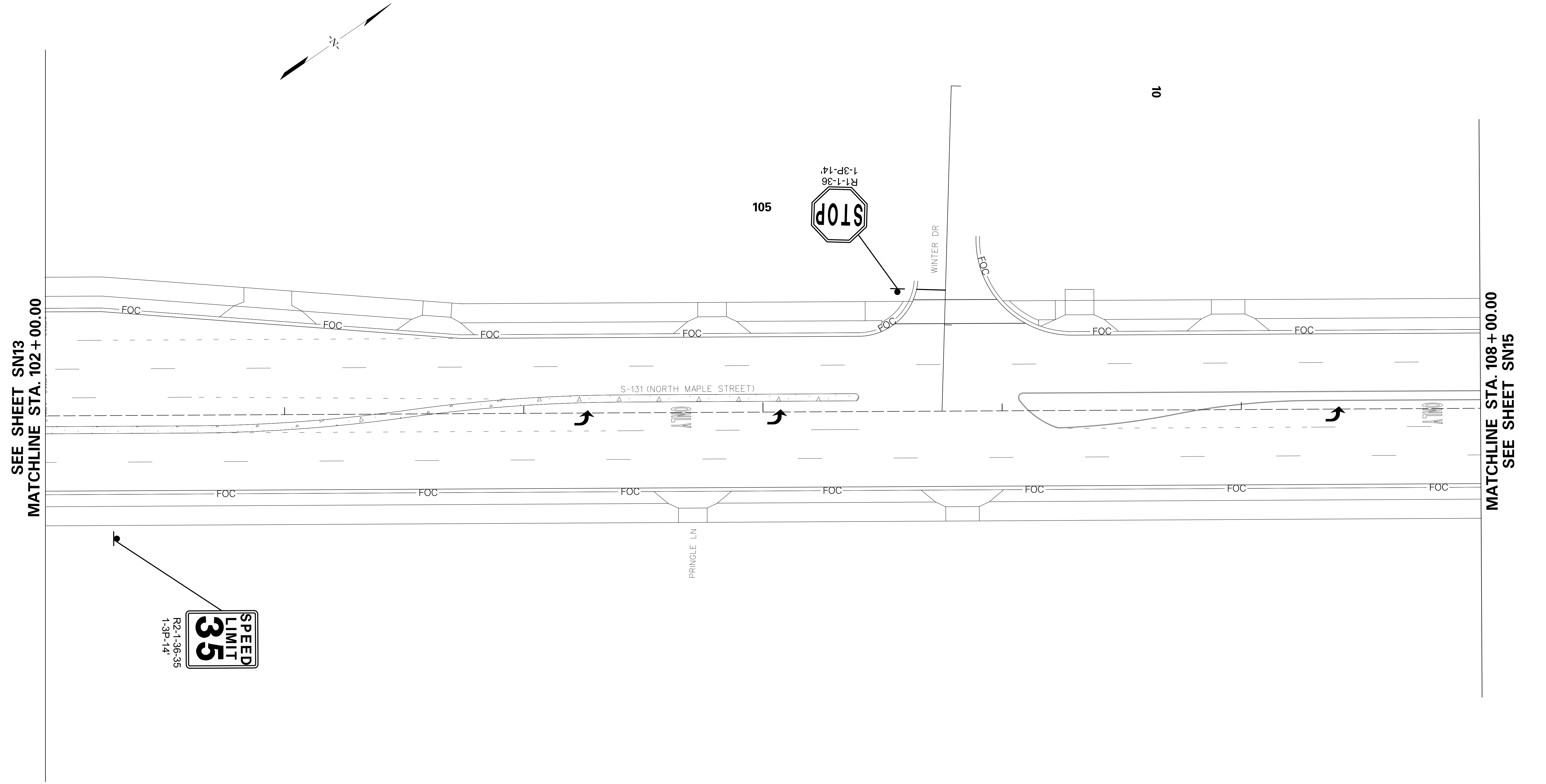
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET) /
S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 409+00.00 TO STA. 413+00.00
STA. 96+00.00 TO STA. 102+00.00

SHEET SN13 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN14

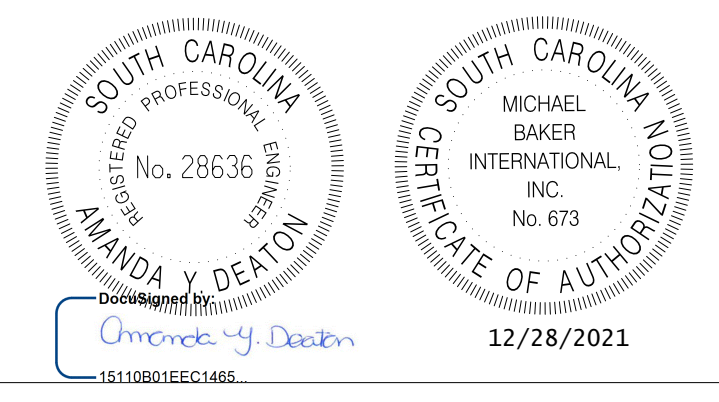
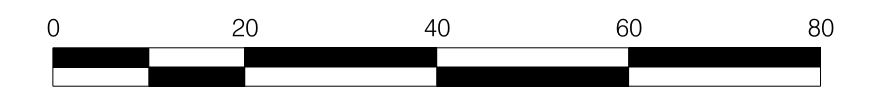


SEE SHEET SN13
MATCHLINE STA. 102 + 00.00

MATCHLINE STA. 108 + 00.00
SEE SHEET SN15

R2-1-36-35
1-3P-14'

R1-1-36
1-3P-14'



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

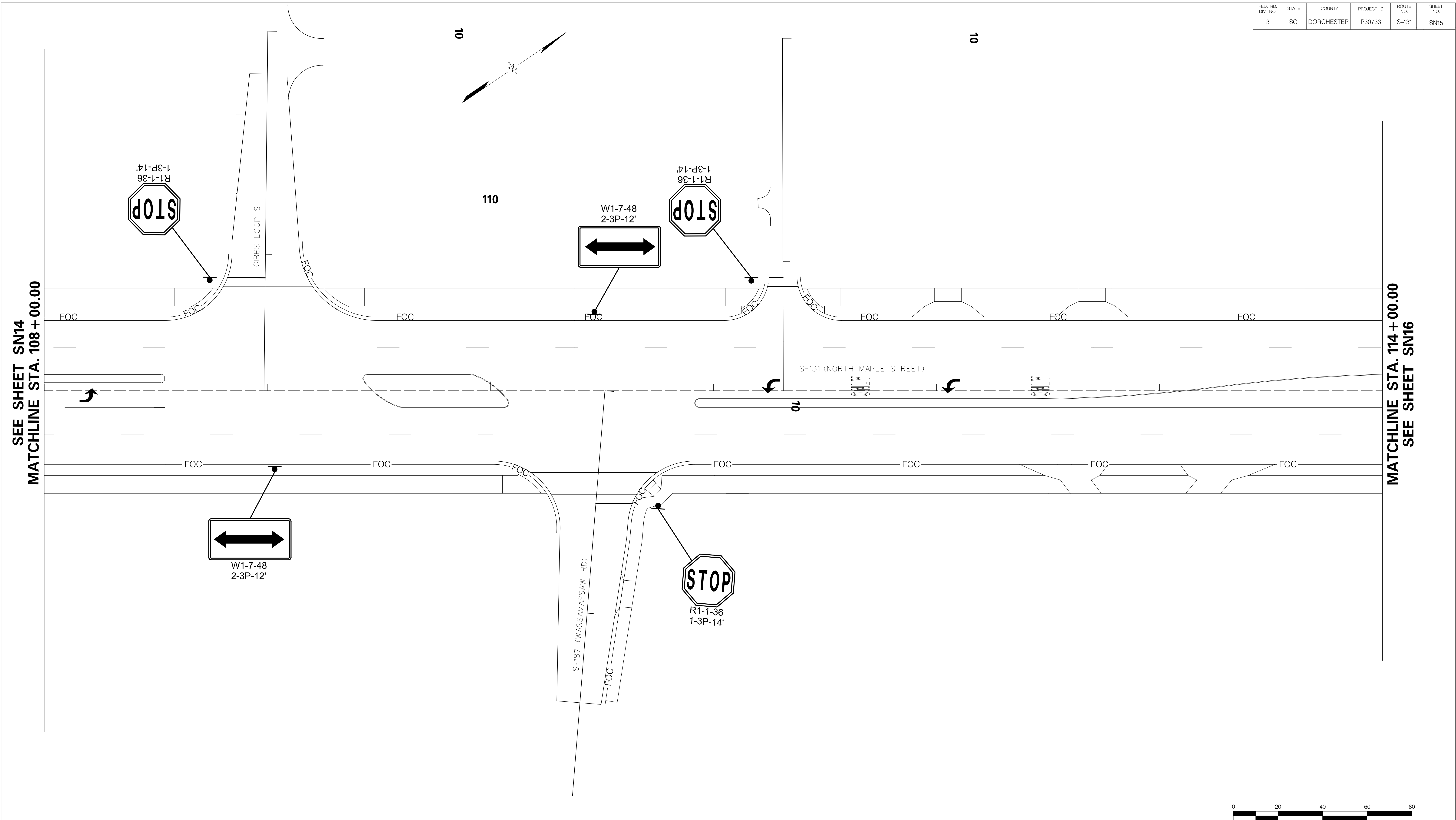
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 102 + 00.00 TO STA. 108 + 00.00

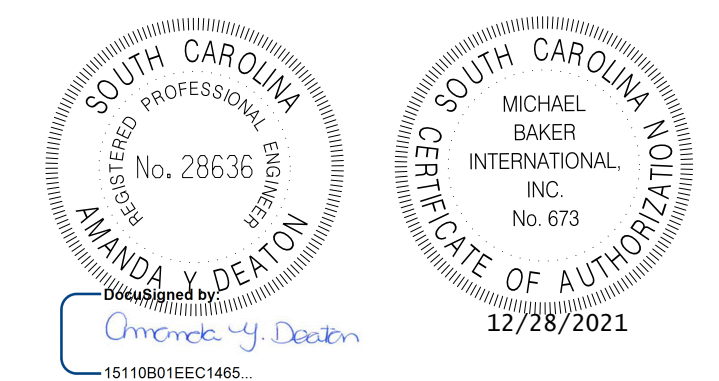
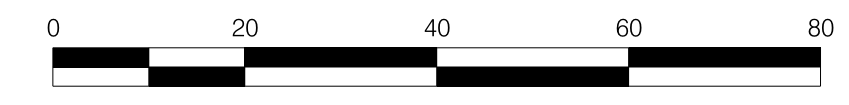
SHEET SN14 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN15



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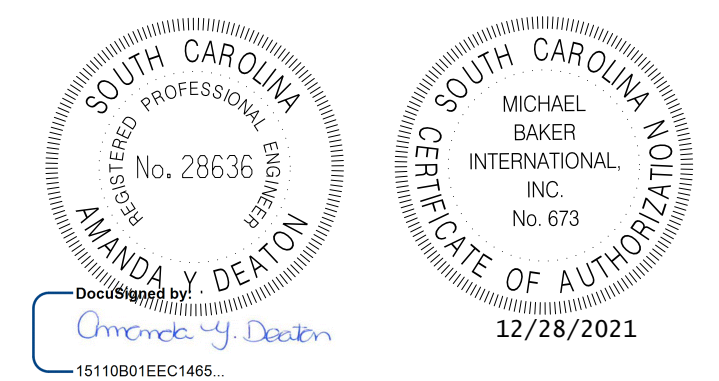
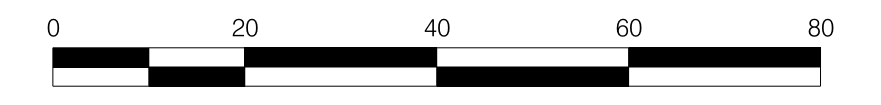
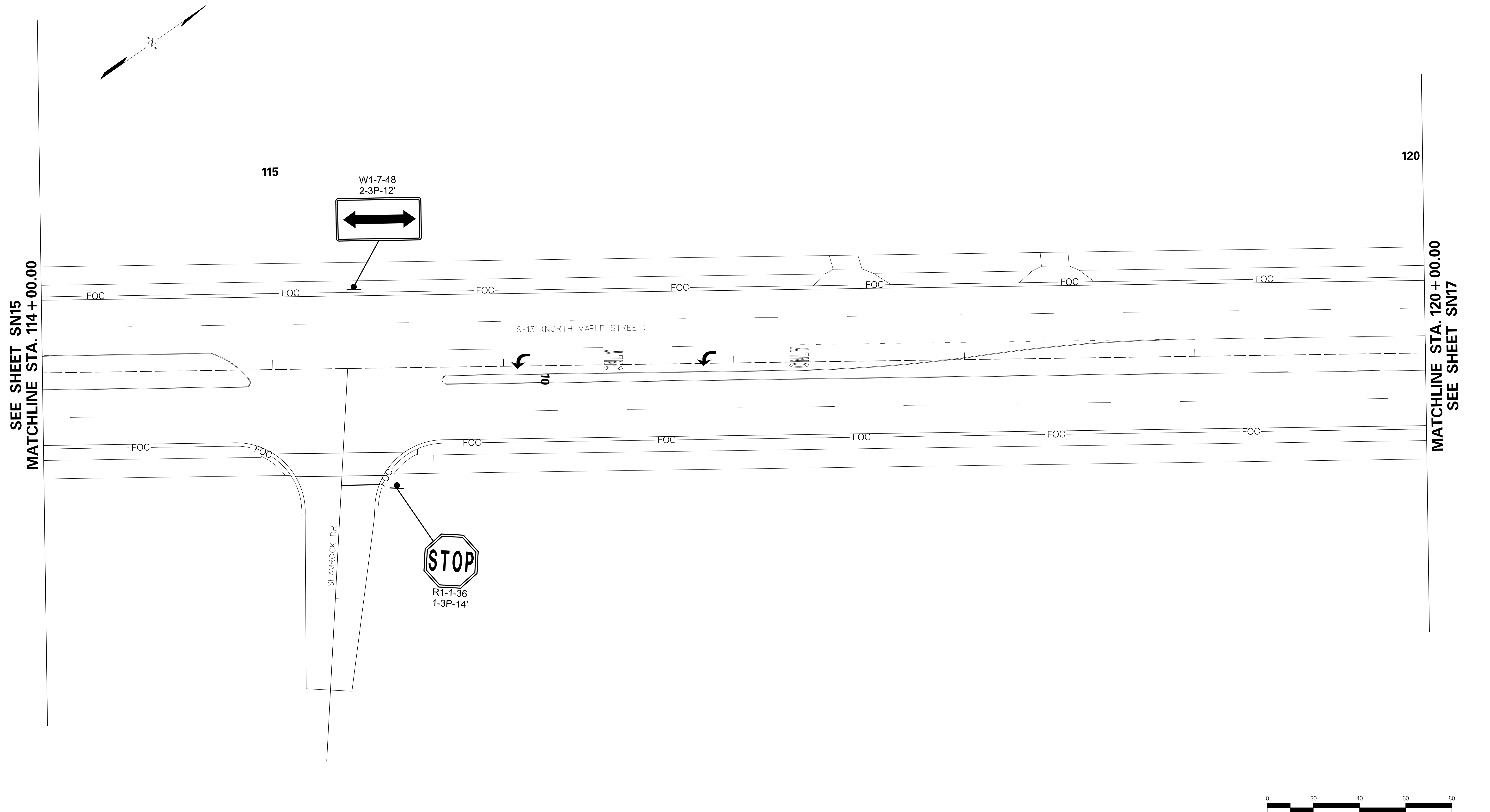
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 108+00.00 TO STA. 114+00.00

SHEET SN15 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN16



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

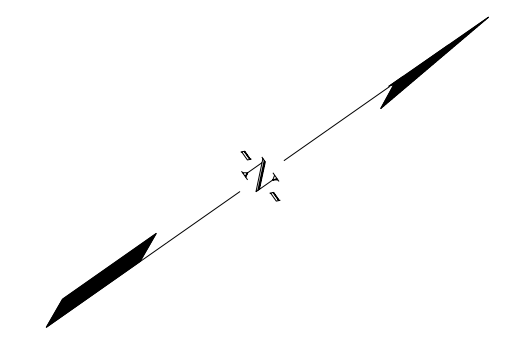
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 114+00.00 TO STA. 120+00.00

SHEET SN16 SCALE: 1" = 20'

15-DEC-2021 08:48 Peter.Dondanville R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH1_SHT1.dgn

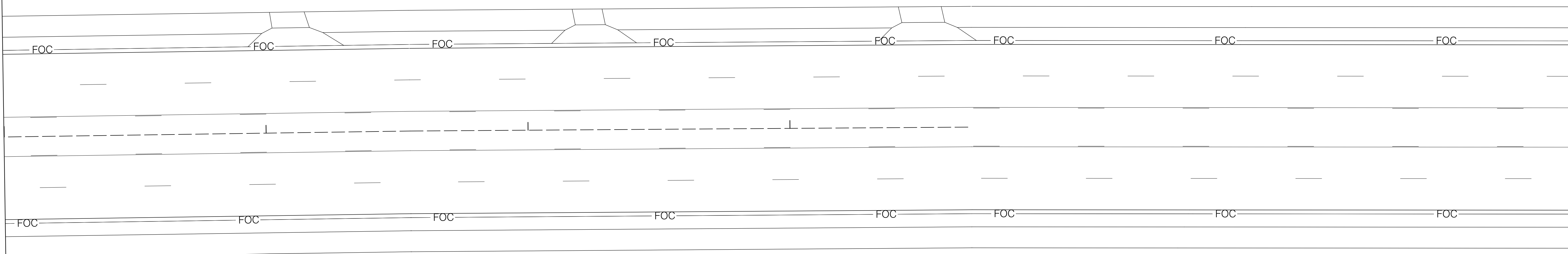
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN17



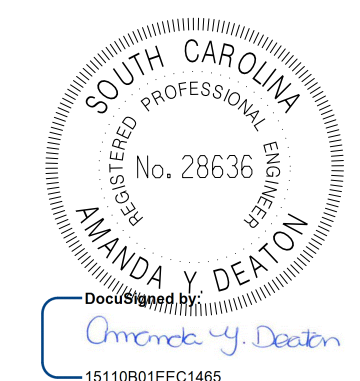
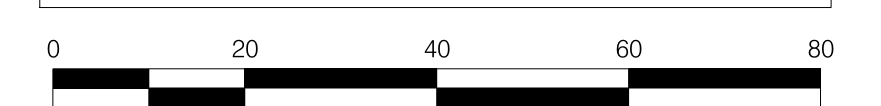
120

SEE SHEET SN16
MATCHLINE STA. 120 + 00.00

MATCHLINE STA. 126 + 00.00
SEE SHEET SN18



NO SIGN WORK SHOWN ON THIS SHEET



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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DESIGNED BY: _____ DATE _____
 DRAWN BY: _____ DATE _____
 CHECKED BY: _____ DATE _____

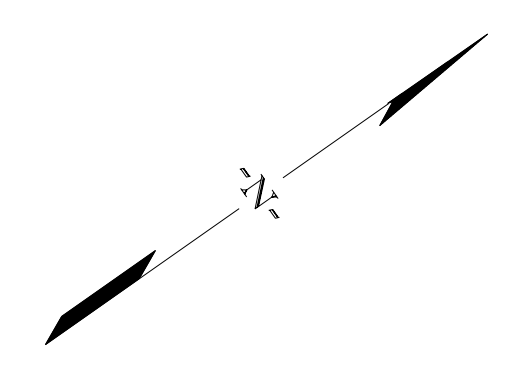
TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 120 + 00.00 TO STA. 126 + 00.00

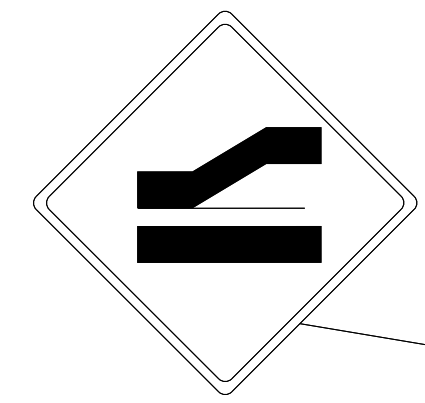
SHEET SN17 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN18

SEE SHEET SN17
MATCHLINE STA. 126 + 00.00

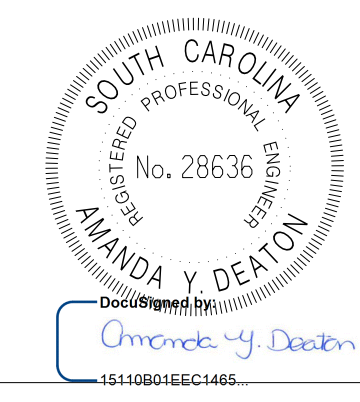
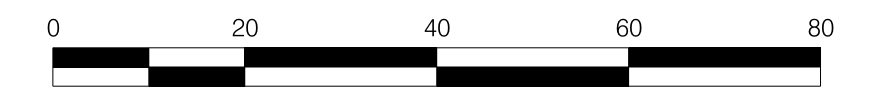
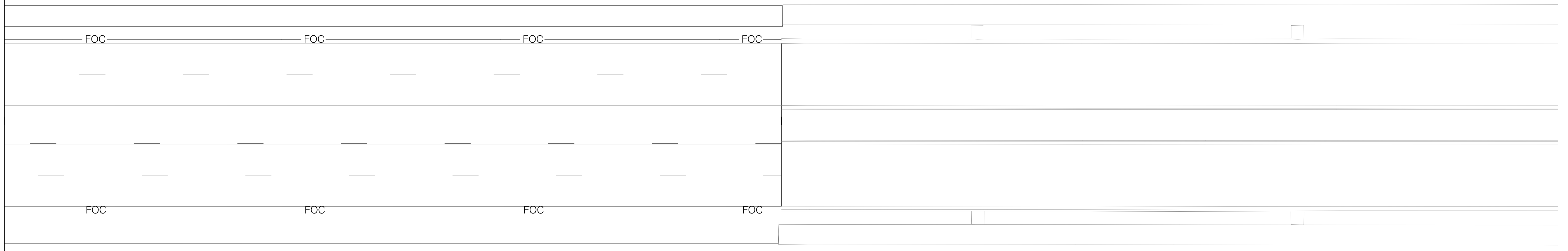
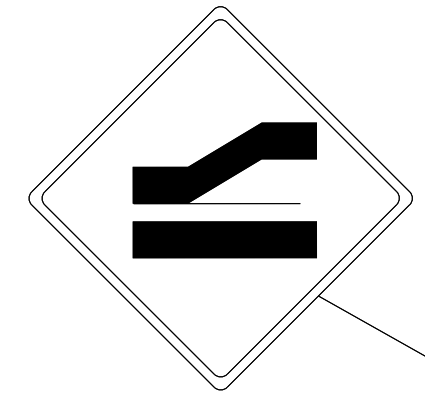


REMOVE EXISTING SIGN



R2-1-36-35
1-3P-14'

REMOVE EXISTING SIGN



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-131 (NORTH MAPLE STREET)
SIGNING SHEET
STA. 126 + 00.00 TO STA. 128 + 70.00

SHEET SN18 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN19

SEE SHEET SN7
MATCHLINE STA. 202 + 00.00

205

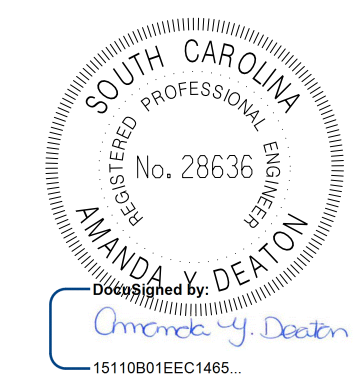
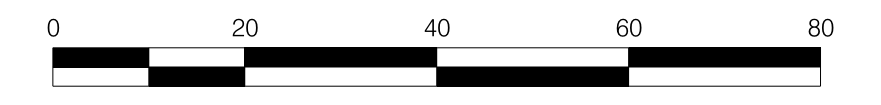
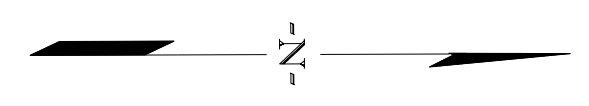
S-59 (PARSONS ROAD)

SIGNS TO BE BARRICADE MOUNTED. SEE MUTCD SUPPLEMENTAL FIGURE R11-5-36

ROAD ENDS

OM4-3-18 R1-5-36

OM4-3-18



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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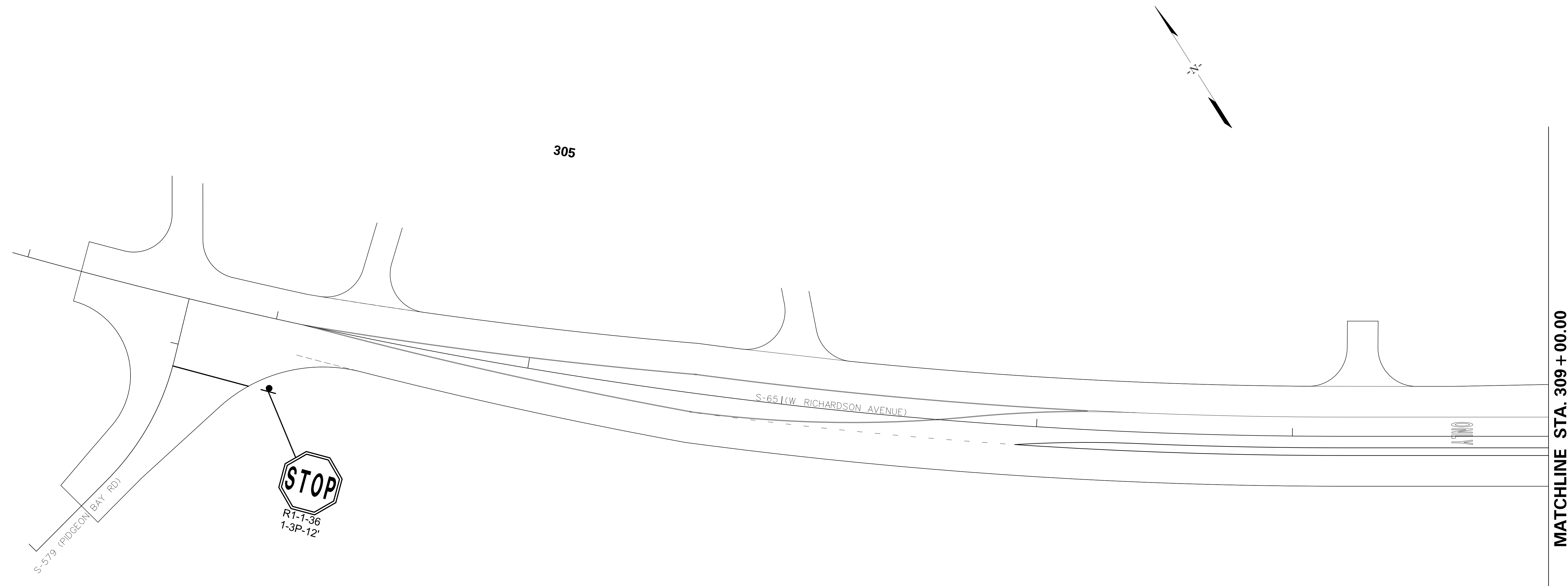
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

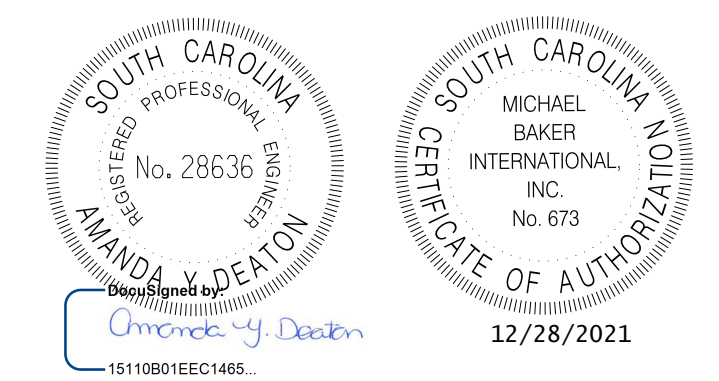
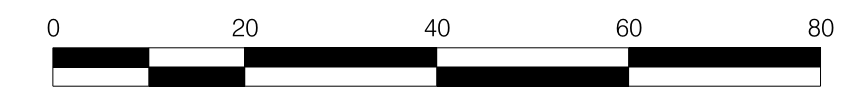
S-59 (PARSONS ROAD)
SIGNING SHEET
STA. 202 + 00.00 TO STA. 207 + 50.20

SHEET SN19 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN20



MATCHLINE STA. 309 + 00.00
SEE SHEET SN9



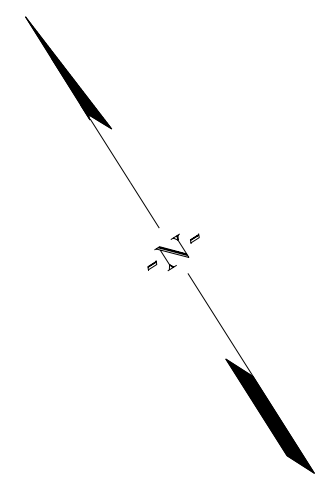
4			
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1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

S-65 (W RICHARDSON AVENUE)
SIGNING SHEET
STA. 303 + 21.58 TO STA. 309 + 00.00

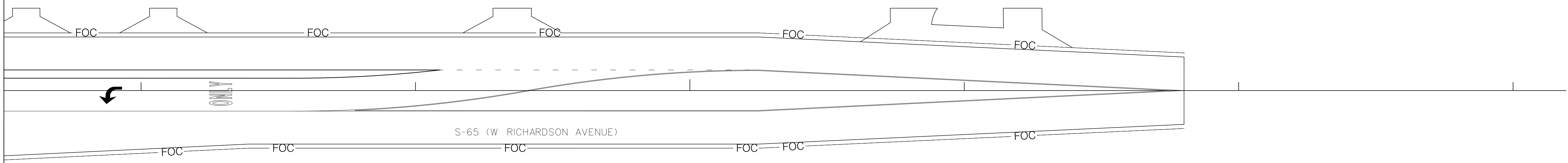
SHEET SN20 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN21

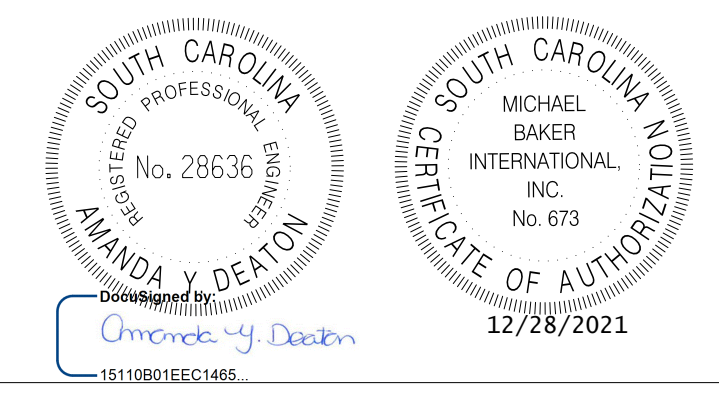


315

SEE SHEET SN9
MATCHLINE STA. 312+50



NO SIGN WORK SHOWN ON THIS SHEET



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

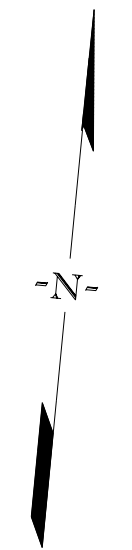
DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

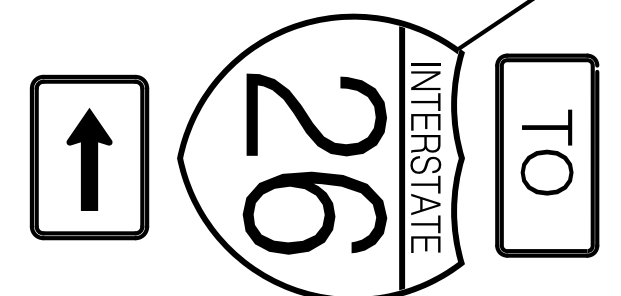
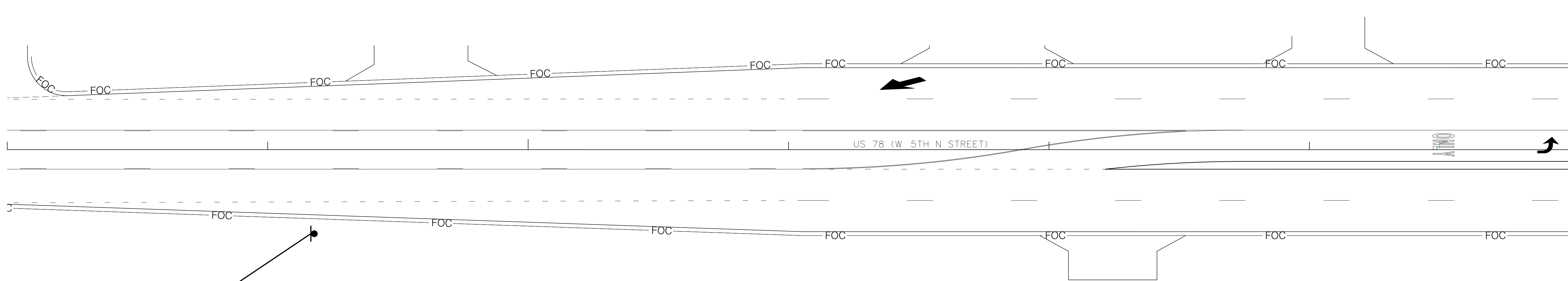
S-65 (W RICHARDSON AVENUE)
SIGNING SHEET
STA. 312+50.00 TO STA. 316+49.74

SHEET SN21 SCALE: 1" = 20'

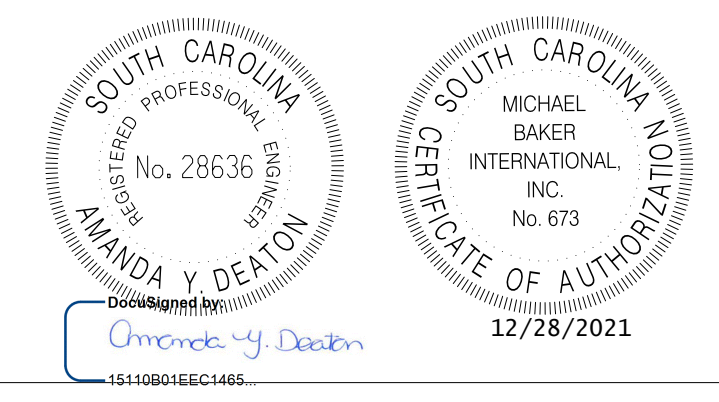
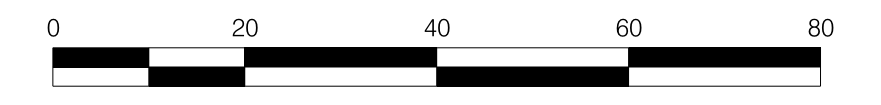
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN22



405



MA-5-24
M1-1-24-26
M6-1-21-BW
1-3P-17'



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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1			

DESIGNED BY: _____ DATE: _____
DRAWN BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
SIGNING SHEET
STA. 403+27.90 TO STA. 409+00.00

SHEET SN22 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN23

SEE SHEET SN13
MATCHLINE STA. 413 + 00.00

MATCHLINE STA. 419 + 00.00
SEE SHEET SN24

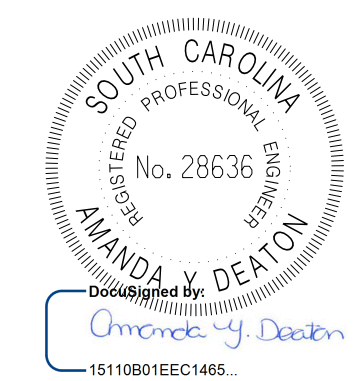
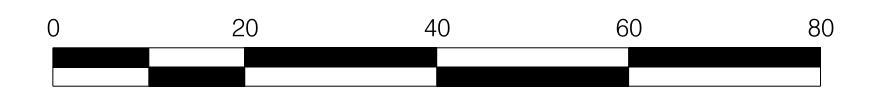
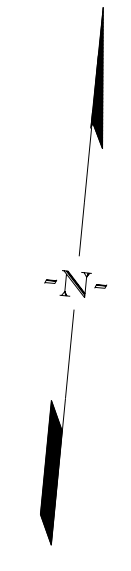
END SCHOOL ZONE
S5-2-24
1-3P-14'

TO INTERSTATE 26 ↑

M4-5-24
M1-1-24-26
M6-1-21-BW
1-3P-17'

415

US 78 (W 5TH N STREET)



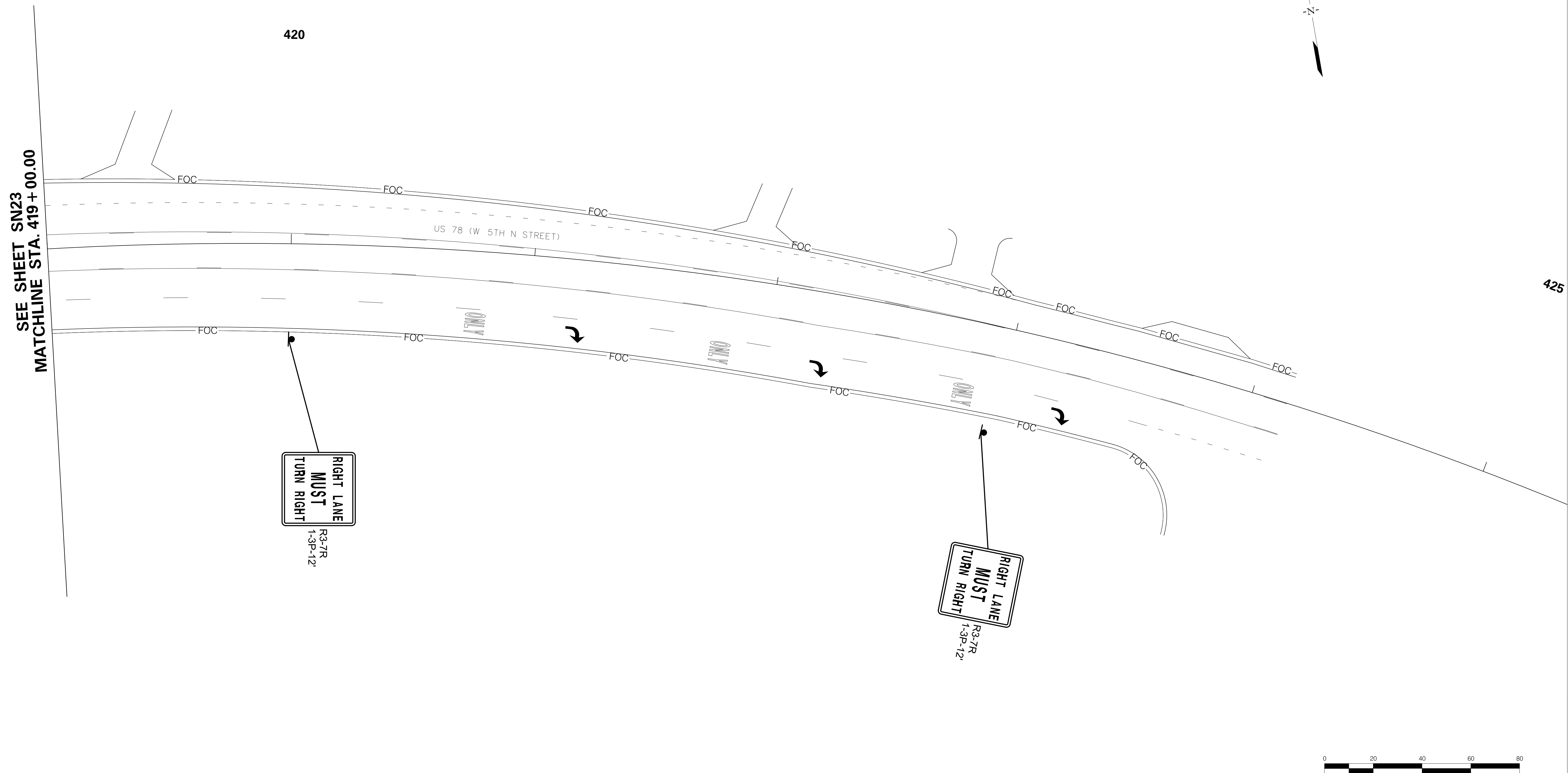
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

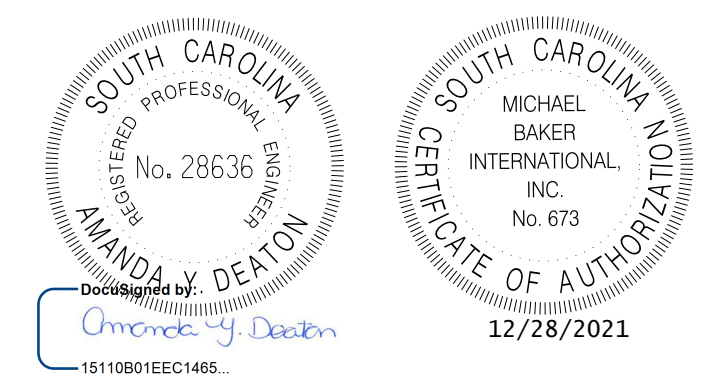
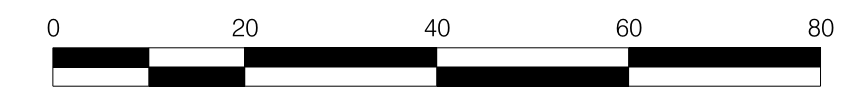
US 78 (W 5TH N STREET)
SIGNING SHEET
STA. 413 + 00.00 TO STA. 419 + 00.00

SHEETSN23 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN24



R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SHI_SN24.dgn 15-DEC-2021 08:49 Peter.Dondanville



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

US 78 (W 5TH N STREET)
SIGNING SHEET
STA. 419+00.00 TO STA 424+15.00

SHEET SN24 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN25

Linning Rd

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Linning", B 2K;
 "Rd", B 2K;

SIGN NAME : LINNING ROAD
 NUMBER OF SIGNS : 1
 REFER TO SHEET: 5F

S Maple St

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "S", B 2K; "Maple", B 2K;
 "St", B 2K;

SIGN NAME : SOUTH MAPLE STREET
 NUMBER OF SIGNS : 3
 REFER TO SHEET: 5F

N Maple St

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "N", B 2K; "Maple", B 2K;
 "St", B 2K;

SIGN NAME : NORTH MAPLE STREET
 NUMBER OF SIGNS : 9
 REFER TO SHEET: 5F

Pidgeon Bay Rd

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Pidgeon", B 2K; "Bay", B 2K;
 "Rd", B 2K;

SIGN NAME : PIDGEON BAY STREET
 NUMBER OF SIGNS : 1
 REFER TO SHEET: 5F

W Richardson Ave

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "W", B 2K; "Richardson", B 2K;
 "Ave", B 2K;

SIGN NAME : WEST RICHARDSON AVENUE
 NUMBER OF SIGNS : 3
 REFER TO SHEET: 5F

W Doty Ave

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "W", B 2K;
 "Doty", B 2K;
 "Ave", B 2K;

SIGN NAME : WEST DOTY AVENUE
 NUMBER OF SIGNS : 2
 REFER TO SHEET: 5F

W Luke St

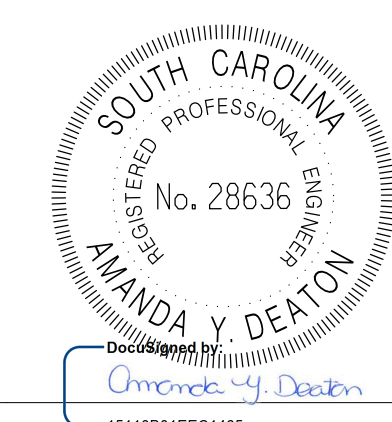
D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "W", B 2K; "Luke", B 2K;
 "St", B 2K;

SIGN NAME : WEST LUKE STREET
 NUMBER OF SIGNS : 1
 REFER TO SHEET: 5F

W 1st N St

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "W", B 2K;
 "1st", B 2K;
 "N", B 2K;
 "St", B 2K;

SIGN NAME : WEST 1ST NORTH STREET
 NUMBER OF SIGNS : 1
 REFER TO SHEET: 5F



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
STREET SIGN LAYOUT SHEET

SHEET SN25 SCALE: 1" = 20'

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN26

Elks Lodge Ln

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Elks", B 2K; "Lodge", B 2K;
 "Ln", B 2K;

SIGN NAME : ELKS LODGE LANE _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

w 5th N St

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "W", B 2K;
 "5th", B 2K;
 "N", B 2K;
 "St", B 2K;

SIGN NAME : WEST 5TH NORTH STREET _____
 NUMBER OF SIGNS : 2 _____
 REFER TO SHEET: 5F _____

Pringle Ln

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Pringle", B 2K;
 "Ln", B 2K;

SIGN NAME : PRINGLE LANE _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Milindas Ln

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Milindas", B 2K;
 "Ln", B 2K;

SIGN NAME : MILINDAS LANE _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Winter Dr

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Winter", B 2K;
 "Dr", B 2K;

SIGN NAME : WINTER DRIVE _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Gibbs Loop S

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Gibbs", B 2K; "Loop", B 2K;
 "S", B 2K;

SIGN NAME : GIBBS LOOP SOUTH _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Wassamassaw Rd

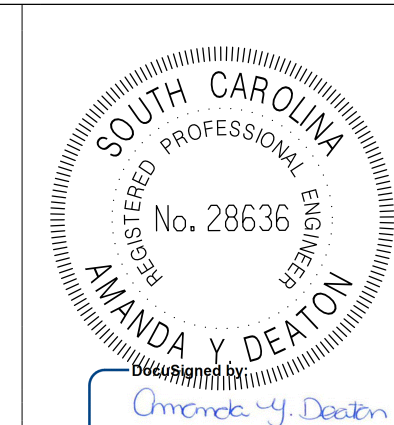
D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Wassamassaw", B 2K; "Rd", B 2K;

SIGN NAME : WASSAMASSAW ROAD _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Gibbs Loop N

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Gibbs", B 2K; "Loop", B 2K;
 "N", B 2K;

SIGN NAME : GIBBS LOOP NORTH _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
STREET SIGN LAYOUT SHEET

SHEET SN26 SCALE: 1" = 20'

R:\Design\Town\SUMMERVILLE\NORTH MAPLE\SHEETS\SH1_S121_S122_S123_S124_S125_S126_S127_S128_S129_S130_S131_S132_S133_S134_S135_S136_S137_S138_S139_S140_S141_S142_S143_S144_S145_S146_S147_S148_S149_S150_S151_S152_S153_S154_S155_S156_S157_S158_S159_S160_S161_S162_S163_S164_S165_S166_S167_S168_S169_S170_S171_S172_S173_S174_S175_S176_S177_S178_S179_S180_S181_S182_S183_S184_S185_S186_S187_S188_S189_S190_S191_S192_S193_S194_S195_S196_S197_S198_S199_S200_S201_S202_S203_S204_S205_S206_S207_S208_S209_S210_S211_S212_S213_S214_S215_S216_S217_S218_S219_S220_S221_S222_S223_S224_S225_S226_S227_S228_S229_S230_S231_S232_S233_S234_S235_S236_S237_S238_S239_S240_S241_S242_S243_S244_S245_S246_S247_S248_S249_S250_S251_S252_S253_S254_S255_S256_S257_S258_S259_S260_S261_S262_S263_S264_S265_S266_S267_S268_S269_S270_S271_S272_S273_S274_S275_S276_S277_S278_S279_S280_S281_S282_S283_S284_S285_S286_S287_S288_S289_S290_S291_S292_S293_S294_S295_S296_S297_S298_S299_S300_S301_S302_S303_S304_S305_S306_S307_S308_S309_S310_S311_S312_S313_S314_S315_S316_S317_S318_S319_S320_S321_S322_S323_S324_S325_S326_S327_S328_S329_S330_S331_S332_S333_S334_S335_S336_S337_S338_S339_S340_S341_S342_S343_S344_S345_S346_S347_S348_S349_S350_S351_S352_S353_S354_S355_S356_S357_S358_S359_S360_S361_S362_S363_S364_S365_S366_S367_S368_S369_S370_S371_S372_S373_S374_S375_S376_S377_S378_S379_S380_S381_S382_S383_S384_S385_S386_S387_S388_S389_S390_S391_S392_S393_S394_S395_S396_S397_S398_S399_S400_S401_S402_S403_S404_S405_S406_S407_S408_S409_S410_S411_S412_S413_S414_S415_S416_S417_S418_S419_S420_S421_S422_S423_S424_S425_S426_S427_S428_S429_S430_S431_S432_S433_S434_S435_S436_S437_S438_S439_S440_S441_S442_S443_S444_S445_S446_S447_S448_S449_S450_S451_S452_S453_S454_S455_S456_S457_S458_S459_S460_S461_S462_S463_S464_S465_S466_S467_S468_S469_S470_S471_S472_S473_S474_S475_S476_S477_S478_S479_S480_S481_S482_S483_S484_S485_S486_S487_S488_S489_S490_S491_S492_S493_S494_S495_S496_S497_S498_S499_S500_S501_S502_S503_S504_S505_S506_S507_S508_S509_S510_S511_S512_S513_S514_S515_S516_S517_S518_S519_S520_S521_S522_S523_S524_S525_S526_S527_S528_S529_S530_S531_S532_S533_S534_S535_S536_S537_S538_S539_S540_S541_S542_S543_S544_S545_S546_S547_S548_S549_S550_S551_S552_S553_S554_S555_S556_S557_S558_S559_S560_S561_S562_S563_S564_S565_S566_S567_S568_S569_S570_S571_S572_S573_S574_S575_S576_S577_S578_S579_S580_S581_S582_S583_S584_S585_S586_S587_S588_S589_S590_S591_S592_S593_S594_S595_S596_S597_S598_S599_S600_S601_S602_S603_S604_S605_S606_S607_S608_S609_S610_S611_S612_S613_S614_S615_S616_S617_S618_S619_S620_S621_S622_S623_S624_S625_S626_S627_S628_S629_S630_S631_S632_S633_S634_S635_S636_S637_S638_S639_S640_S641_S642_S643_S644_S645_S646_S647_S648_S649_S650_S651_S652_S653_S654_S655_S656_S657_S658_S659_S660_S661_S662_S663_S664_S665_S666_S667_S668_S669_S670_S671_S672_S673_S674_S675_S676_S677_S678_S679_S680_S681_S682_S683_S684_S685_S686_S687_S688_S689_S690_S691_S692_S693_S694_S695_S696_S697_S698_S699_S700_S701_S702_S703_S704_S705_S706_S707_S708_S709_S710_S711_S712_S713_S714_S715_S716_S717_S718_S719_S720_S721_S722_S723_S724_S725_S726_S727_S728_S729_S730_S731_S732_S733_S734_S735_S736_S737_S738_S739_S740_S741_S742_S743_S744_S745_S746_S747_S748_S749_S750_S751_S752_S753_S754_S755_S756_S757_S758_S759_S760_S761_S762_S763_S764_S765_S766_S767_S768_S769_S770_S771_S772_S773_S774_S775_S776_S777_S778_S779_S780_S781_S782_S783_S784_S785_S786_S787_S788_S789_S790_S791_S792_S793_S794_S795_S796_S797_S798_S799_S800_S801_S802_S803_S804_S805_S806_S807_S808_S809_S810_S811_S812_S813_S814_S815_S816_S817_S818_S819_S820_S821_S822_S823_S824_S825_S826_S827_S828_S829_S830_S831_S832_S833_S834_S835_S836_S837_S838_S839_S840_S841_S842_S843_S844_S845_S846_S847_S848_S849_S850_S851_S852_S853_S854_S855_S856_S857_S858_S859_S860_S861_S862_S863_S864_S865_S866_S867_S868_S869_S870_S871_S872_S873_S874_S875_S876_S877_S878_S879_S880_S881_S882_S883_S884_S885_S886_S887_S888_S889_S890_S891_S892_S893_S894_S895_S896_S897_S898_S899_S900_S901_S902_S903_S904_S905_S906_S907_S908_S909_S910_S911_S912_S913_S914_S915_S916_S917_S918_S919_S920_S921_S922_S923_S924_S925_S926_S927_S928_S929_S930_S931_S932_S933_S934_S935_S936_S937_S938_S939_S940_S941_S942_S943_S944_S945_S946_S947_S948_S949_S950_S951_S952_S953_S954_S955_S956_S957_S958_S959_S960_S961_S962_S963_S964_S965_S966_S967_S968_S969_S970_S971_S972_S973_S974_S975_S976_S977_S978_S979_S980_S981_S982_S983_S984_S985_S986_S987_S988_S989_S990_S991_S992_S993_S994_S995_S996_S997_S998_S999_S1000

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	SN27

Shamrock Dr

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Shamrock", B 2K;
 "Dr", B 2K;

SIGN NAME : SHAMROCK DRIVE _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Little Parsons Ct

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Little", B 2K; "Parsons", B 2K;
 "Ct", B 2K;

SIGN NAME : LITTLE PARSONS COURT _____
 NUMBER OF SIGNS : 1 _____
 REFER TO SHEET: 5F _____

Parsons Rd

D3-1(3)_VARx8;
 1.0" Radius, 0.0" Border, White on, Green;
 "Parsons", B 2K;
 "Rd", B 2K;

SIGN NAME : PARSONS ROAD _____
 NUMBER OF SIGNS : 2 _____
 REFER TO SHEET: 5F _____

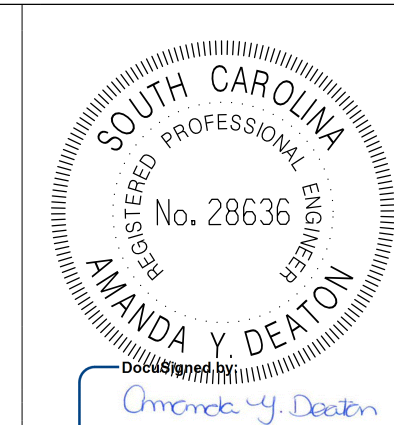
SIGN NAME : _____
 NUMBER OF SIGNS : _____
 REFER TO SHEET: _____

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 REFER TO SHEET: _____



4			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:	_____	DATE _____	
DRAWN BY:	_____	DATE _____	
CHECKED BY:	_____	DATE _____	

TOWN OF SUMMERVILLE

NORTH MAPLE STREET
 STREET SIGN LAYOUT SHEET

SHEET SN27 SCALE: 1" = 20'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131S-65	TS-1

SIGNAL EQUIPMENT

ONE (1) 8-PHASE FULLY ACTUATED STANDARD 2070 CONTROLLER WITH FLASHER, SIGNAL MONITOR UNIT AND BASE-MOUNTED 332 CABINET. EXT. PROP.

6 ORACLE, (2)-CHANNEL VEHICLE DETECTOR UNITS

PEDESTRIAN SIGNALS: EXT. PROP. W/ACT. & SIGN

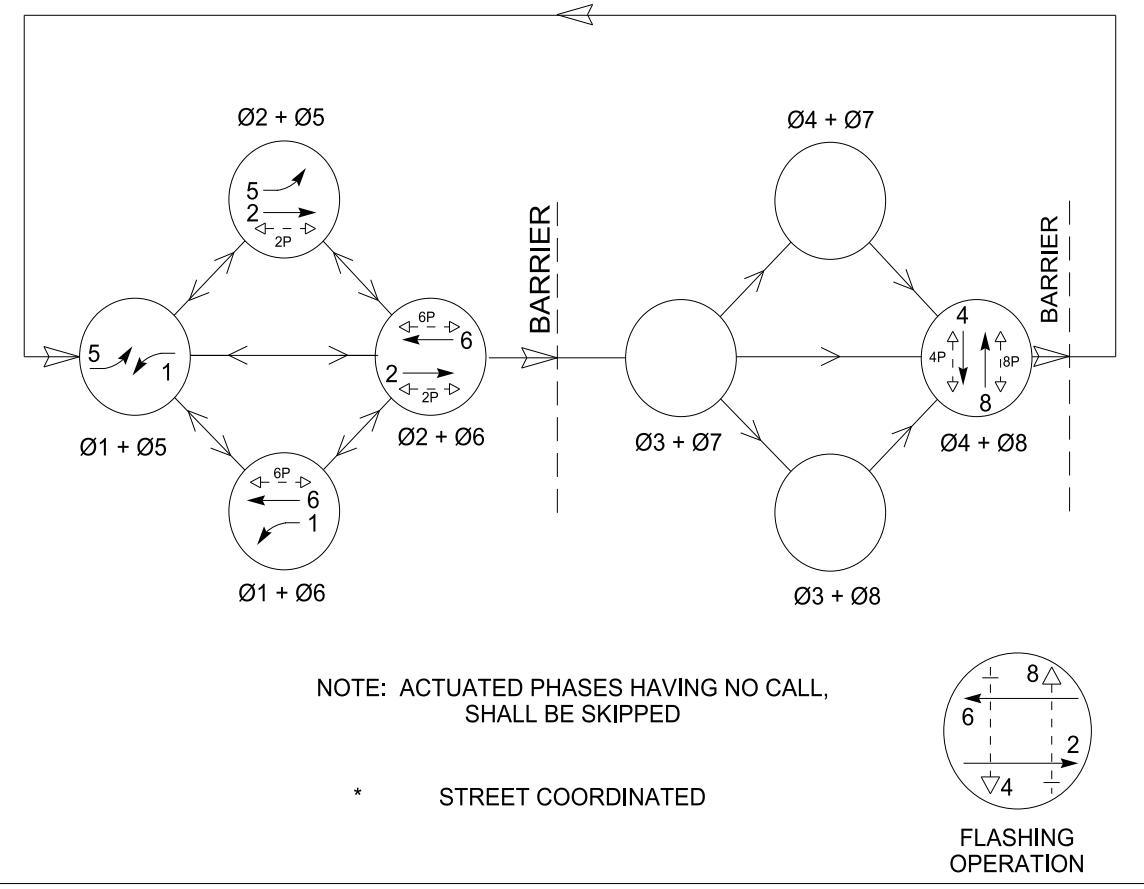
VEHICLE SIGNALS: EXT. PROP.

HEAD NUMBER	1,2F	2	4	5,6F	6	8	2P	4P	6P	8P
LENS	←R	R	←R	R	R	R	Y	Y	Y	Y
PHASE	1,OLA	2	4	5,OLA	6	8	2P	4P	6P	8P
SIZE	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
QUANTITY	1	2	2	1	2	2	2	2	2	2

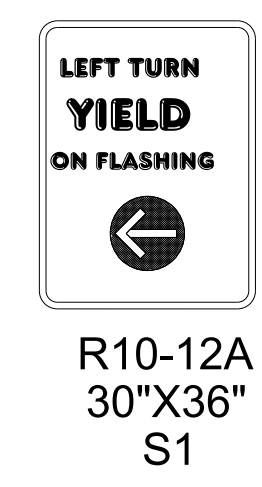
OLA=Ø1 + Ø2 (FYA) OLC=Ø5 + Ø6 (FYA)
 OLB= OLD=

METAL POLES AS NECESSARY: EXT. PROP.
 WOOD POLES AS NECESSARY: EXT. PROP.

NEMA PHASING

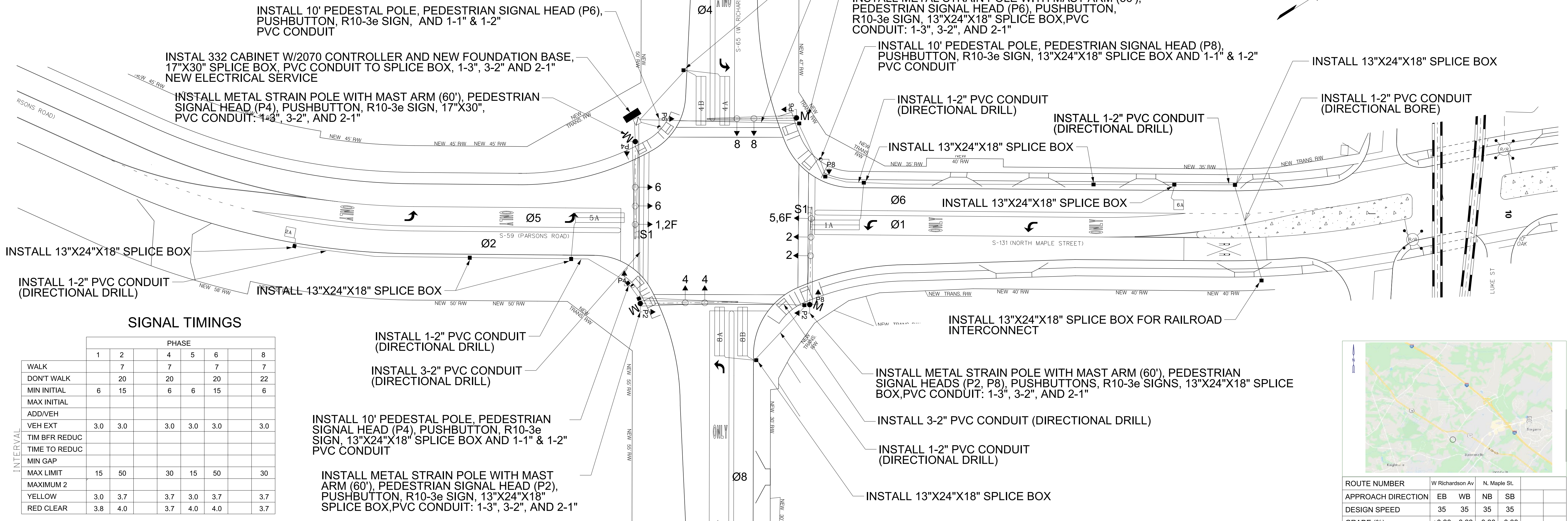


PROPOSED SIGNS



LOOP DETECTOR INSTALLATION CHART

PHASE/ LOOP LTR#	DETECTOR AMP NO.	CHAN NO.	WIRED TO PHASE(S)	LOCK X	NON-LOCK X	PULSE X	OPERATION DELAY SEC	SPECIAL FEATURES	LOOP DESIGN SIZE X	NO. OF TURNS	DIST. FROM Ø
1			1	X	X	X		QUADRUPOLE	6'X30'	2-4-2	-2.5'
2			2	X		X		LOOP	6'X6'	4	200'
4A			4	X	X			QUADRUPOLE	6'X30'	2-4-2	-2.5'
4B			4	X	X			QUADRUPOLE	6'X30'	2-4-2	-2.5'
5			5	X	X			QUADRUPOLE	6'X30'	2-4-2	-2.5'
6			6	X		X		LOOP	6'X6'	4	200'
8A			8	X	X			QUADRUPOLE	6'X30'	2-4-2	-2.5'
8B			8	X	X			QUADRUPOLE	6'X30'	2-4-2	-2.5'

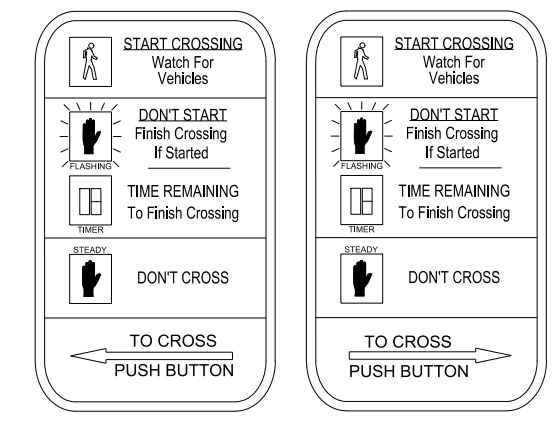


SIGNAL TIMINGS

INTERVAL	PHASE						
	1	2	4	5	6	8	
WALK		7	7	7	7	7	
DON'T WALK		20	20	20	20	22	
MIN INITIAL	6	15	6	6	15	6	
MAX INITIAL							
ADD/VEH							
VEH EXT	3.0	3.0	3.0	3.0	3.0	3.0	
TIM BFR REDUC							
TIME TO REDUC							
MIN GAP							
MAX LIMIT	15	50	30	15	50	30	
MAXIMUM 2							
YELLOW	3.0	3.7	3.7	3.0	3.7	3.7	
RED CLEAR	3.8	4.0	3.7	4.0	4.0	3.7	

TABLE OF OPERATION	PHASE IN OPERATION						
	SIGNAL HEAD #	1+5	1+6	2+5	2+6	4+8	FLASH
1, 2F	GA	GA	FYA	FYA		RA	YA
2	R	R	G	G		R	Y
4	R	R	R	R		G	R
5, 6F	GA	FYA	GA	FYA		RA	YA
6	R	G	R	G		R	Y
8	R	R	R	R		G	R
2P	DW	DW	W	W		DW	DRK
4P	DW	DW	DW	DW		W	DRK
6P	DW	W	DW	W		DW	DRK
8P	DW	DW	DW	DW		W	DRK

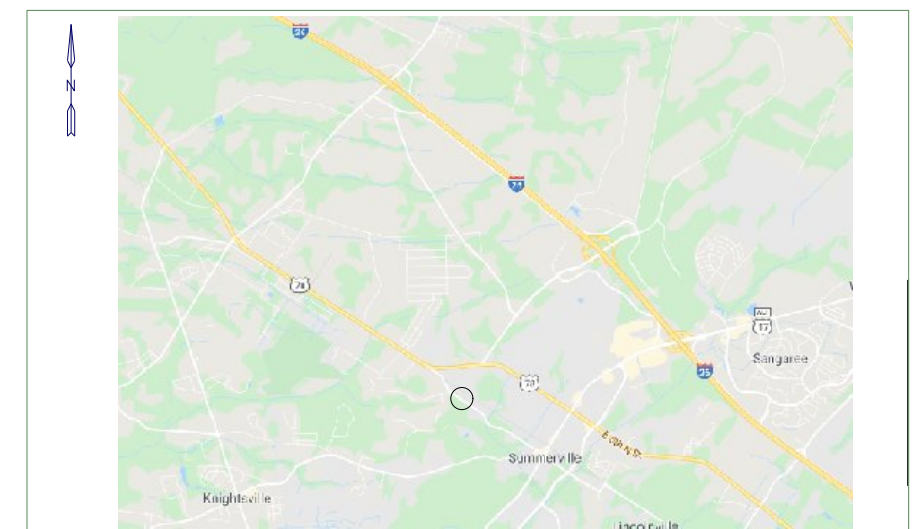
PEDESTRIAN SIGNS



R10-3e (L) 9" X 15"
 R10-3e (R) 9" X 15"

0 30 60 90 120

CONSTRUCTION : _____ DATE _____



ROUTE NUMBER	W Richardson Av	N. Maple St.		
APPROACH DIRECTION	EB	WB	NB	SB
DESIGN SPEED	35	35	35	35
GRADE (%)	+0.30	-0.33	-0.30	-0.30

* ESTIMATED FILE #: _____ SHEET #: _____

DATE	REVISIONS	<p>TOWN OF SUMMERVILLE 200 S. MAIN STREET SUMMERVILLE, SC 29483</p>	
SUBJECT TITLE		TRAFFIC SIGNAL DESIGN	
SPECIFIC LOCATION		NORTH MAPLE STREET AT W. RICHARDSON AVENUE	
CITY	SUMMERVILLE	COUNTY	DORCHESTER
DESIGNED	JKW	APPROVED BY	
DRAWN	JKW	TOWN ENGINEER	
CHECKED	WMR	SCALE	DATE
REVIEWED		1" = 30'	02/11/2021
RECOMMENDED		SHEET NO.	INDEX NO.
		1 OF 2	

SIGNAL EQUIPMENT

ONE (1) 8-PHASE FULLY ACTUATED STANDARD 2070 CONTROLLER WITH FLASHER, SIGNAL MONITOR UNIT AND BASE-MOUNTED 332 CABINET.

8 ORACLE, (2)-CHANNEL VEHICLE DETECTOR UNITS

PEDESTRIAN SIGNALS: EXT. PROP.

VEHICLE SIGNALS: EXT. PROP.

HEAD NUMBER	1	2	3,4F	4	5,6F	6	7,8F	8	2P	4P	6P	8P
LENS	←R	R	←R	R	←R	R	←R	R				
PHASE	1	2	3,OLB	4	5,OLC	6	7,OLD	8	2	4	6	8
SIZE	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
QUANTITY	2	2	1	2	1	2	1	2	2	2	2	2

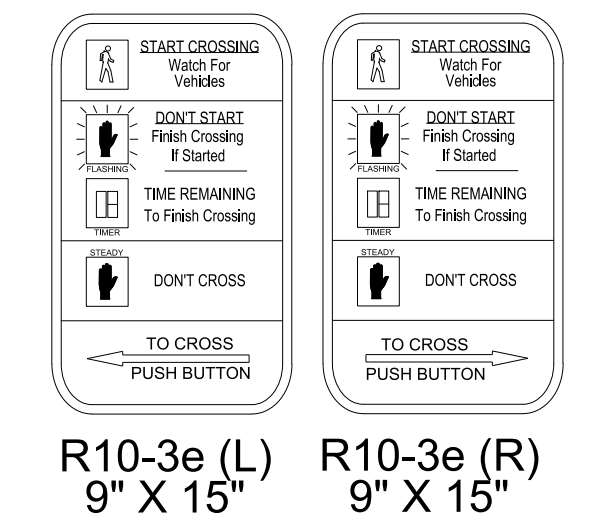
OLA
 OLB=03 + 04 (FYA) OLC=05 + 06 (FYA)
 OLD=07 + 08 (FYA)

METAL POLES AS NECESSARY: EXT. PROP.
 WOOD POLES AS NECESSARY: EXT. PROP.

INSTALL METAL STRAIN POLE WITH MAST ARM (66'), 13"X24"X18" SPLICE BOX,PVC CONDUIT: 1-3", 3-2", AND 2-1"

INSTALL 10' PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD (P6), PUSHBUTTON, R10-3e SIGN, AND 1-1" & 1-2" PVC CONDUIT

PEDESTRIAN SIGNS



NEMA PHASING

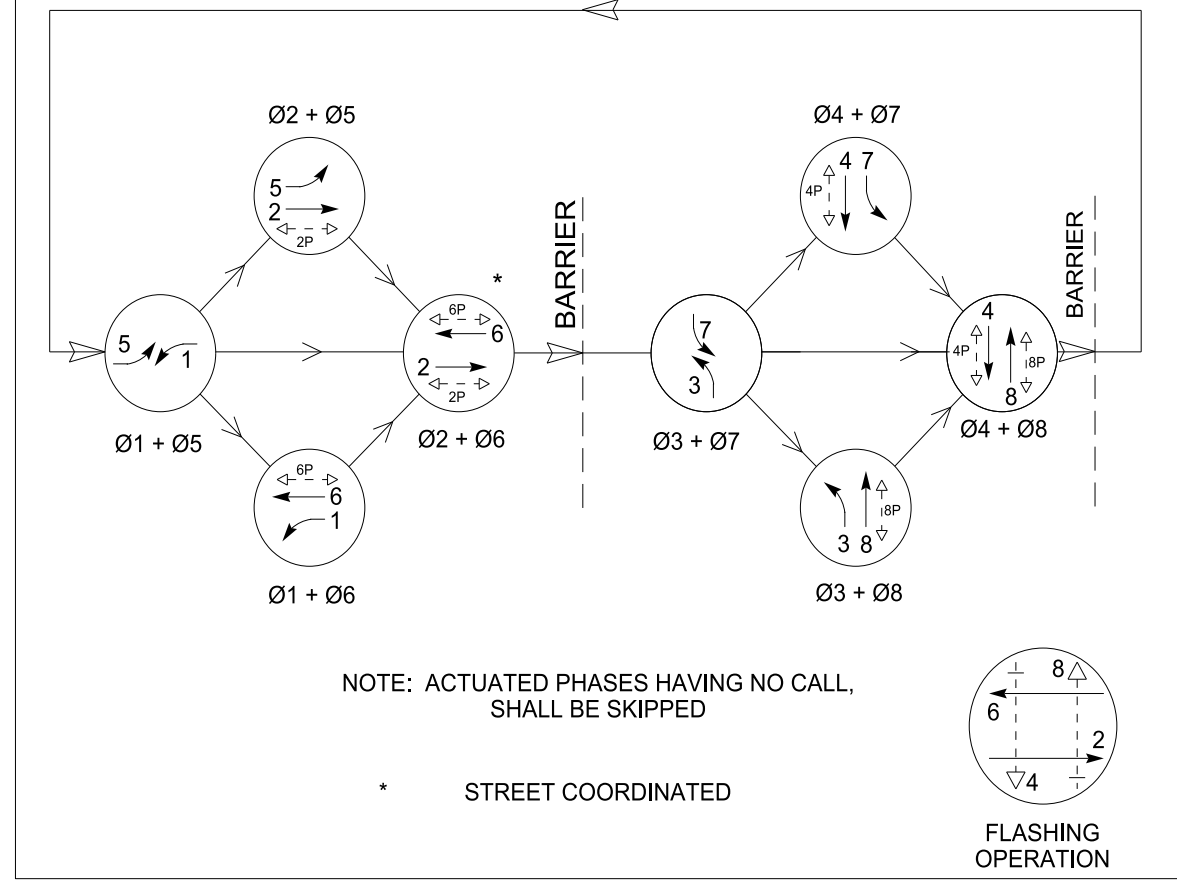
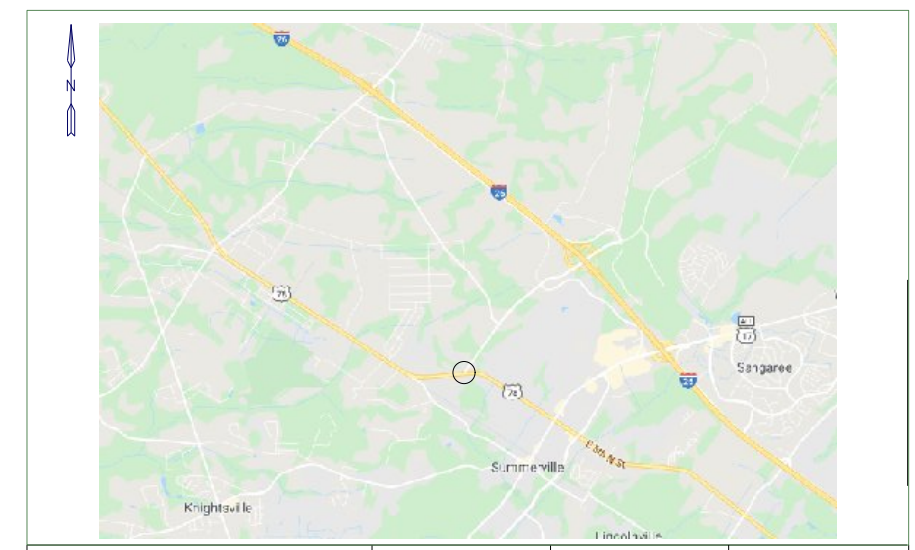
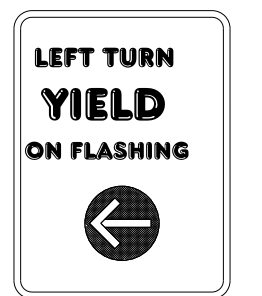
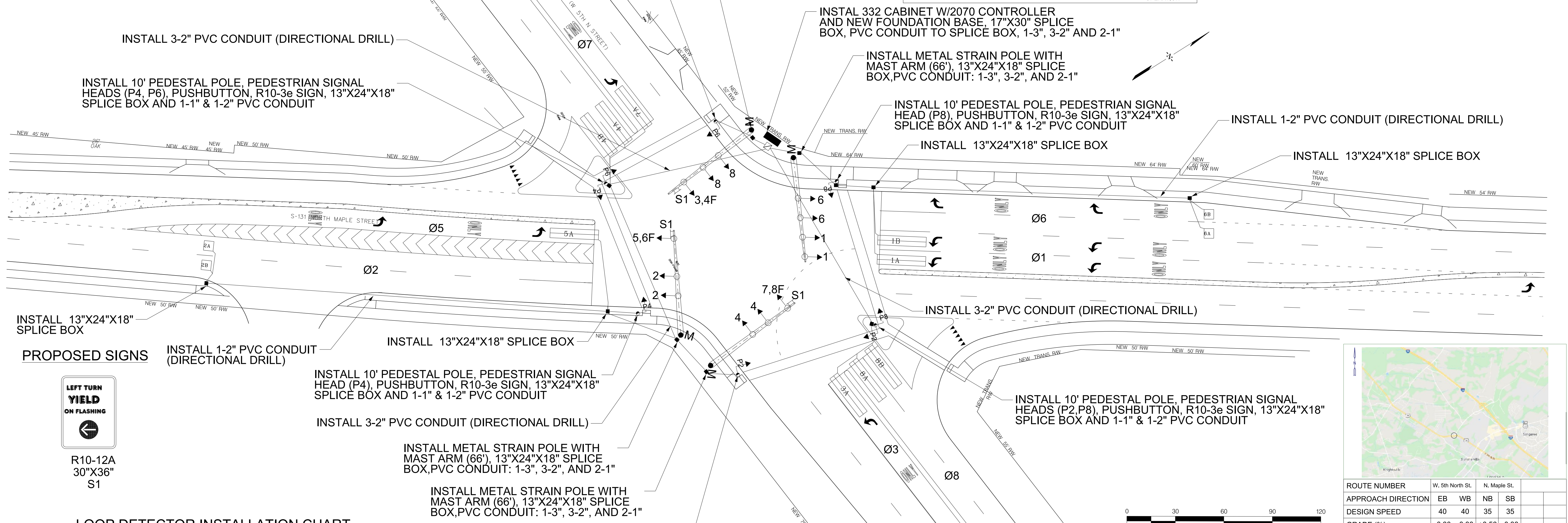
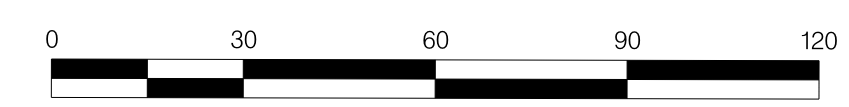


TABLE OF OPERATION	PHASE IN OPERATION									
	SIGNAL HEAD #	1+5	1+6	2+5	2+6	3+7	3+8	4+7	4+8	FLASH
1	GA	GA	RA	RA	RA	RA	RA	RA	RA	RA
2	R	R	G	G	R	R	R	R	R	Y
3,4F	RA	RA	RA	RA	GA	GA	FYA	FYA	FYA	FRA
4	R	R	R	R	R	R	G	G	G	R
5,6F	GA	FYA	GA	FYA	RA	RA	RA	RA	RA	FRA
6	R	G	R	G	R	R	R	R	R	Y
7,8F	RA	RA	RA	RA	GA	FYA	G	FYA	FYA	FRA
8	R	R	R	R	R	G	R	G	R	R
2P	DW	DW	W	W	DW	DW	DW	DW	DW	DRK
4P	DW	DW	DW	DW	DW	DW	W	W	W	DRK
6P	DW	W	DW	W	DW	DW	DW	DW	DW	DRK
8P	DW	DW	DW	DW	DW	W	DW	W	DW	DRK



ROUTE NUMBER	W. 5th North St.	N. Maple St.	
APPROACH DIRECTION	EB	WB	NB SB
DESIGN SPEED	40	40	35 35
GRADE (%)	-0.30	-0.30	+0.56 -0.30

* ESTIMATED



LOOP DETECTOR INSTALLATION CHART

PHASE/ LOOP LTR#	DETECTOR AMP NO.	CHAN NO.	WIRED TO PHASE(S)	LOCK			OPERATION	SPECIAL FEATURES	LOOP DESIGN		
				X	NON-LOCK	PULSE			SIZE X	NO.OF TURNS	DIST. FROM E
1A			1	X	X	X	QUADRUPOLE	6'X30'	2-4-2	-2.5'	
1B			1	X	X		QUADRUPOLE	6'X30'	2-4-2	-2.5'	
2A			2	X	X	X	LOOP	6'X6'	4	200'	
2B			2	X	X		LOOP	6'X6'	4	200'	
3A			3	X	X	X	QUADRUPOLE	6'X30'	2-4-2	-2.5'	
4A			4	X	X		QUADRUPOLE	6'X30'	2-4-2	-2.5'	
4B			4	X	X	X	QUADRUPOLE	6'X30'	2-4-2	-2.5'	
5A			5	X	X	X	QUADRUPOLE	6'X30'	2-4-2	-2.5'	
6A,6B			6	X	X	X	LOOP	6'X6'	4	200'	
7A			7	X	X		QUADRUPOLE	6'X30'	2-4-2	-2.5'	
8A			8	X	X	X	QUADRUPOLE	6'X30'	2-4-2	-2.5'	
8B			8	X	X	X	QUADRUPOLE	6'X30'	2-4-2	-2.5'	

SIGNAL TIMINGS

INTERVAL	PHASE							
	1	2	3	4	5	6	7	8
WALK								
DONT WALK		22		20		24		26
MIN INITIAL	6	15	6	15	6	15	6	15
MAX INITIAL								
ADD/VEH								
VEH EXT	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
TIM BFR REDUC								
TIME TO REDUC								
MIN GAP								
MAX LIMIT	15	50	15	50	15	50	15	50
MAXIMUM 2								
YELLOW	3.0	3.7	3.0	4.1	3.0	3.7	3.0	4.1
RED CLEAR	4.1	3.9	5.1	5.1	3.9	3.9	5.1	5.1

CONSTRUCTION : _____ DATE _____

DATE	REVISIONS	 TOWN OF SUMMERVILLE 200 S. MAIN STREET SUMMERVILLE, SC 29483	
SUBJECT TITLE			TRAFFIC SIGNAL DESIGN
SPECIFIC LOCATION		NORTH MAPLE STREET AT US 78 (WEST 5TH NORTH STREET)	
CITY	SUMMERVILLE	COUNTY	DORCHESTER
DESIGNED	JKW	APPROVED BY	_____
DRAWN	JKW	TOWN ENGINEER	_____
CHECKED	WWR	SCALE	DATE
REVIEWED		1"= 30'	02/11/2021
RECOMMENDED		SHEET NO.	INDEX NO.
		2 OF 2	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	EC1

EROSION CONTROL NOTES

SEQUENCE OF CONSTRUCTION
1. RECEIVE NPDES COVERAGE FROM DHEC.
2. PRE-CONSTRUCTION MEETING.
3. NOTIFY DHEC EQC REGIONAL OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
4. INSTALLATION OF CONSTRUCTION ENTRANCE(S).
5. CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
6. INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE).
7. CLEARING & GRUBBING OF SITE OR DEMOLITION (SEDIMENT AND EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
8. ROUGH GRADING.
9. INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
10. FINE GRADING, PAVING, ETC.
11. PERMANENT /FINAL STABILIZATION.
12. REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER /OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
13. INSTALLATION OF SOME PERMANENT WATER QUALITY DEVICES SHOULD OCCUR AFTER THE SITE IS STABILIZED; INCLUDE THIS IN THE SEQUENCE. CLEAN-OUT OF OTHER WATER QUALITY DEVICES THAT WERE USED DURING CONSTRUCTION SHOULD OCCUR AFTER SITE STABILIZATION.
*NOTE: MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED.

DHEC STANDARD NOTES:

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.

2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 * WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 * WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.

4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.

5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

6. PLACE INLET STRUCTURE FILTER TYPE D AT ALL DROP INLETS. PLACE INLET STRUCTURE FILTER TYPE F (WEIGHTED) AT ALL CATCH BASINS (TYPES 1, 9, 16, 17, AND 18)

7. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUDDSOIL FROM PAVEMENT, AS MAY BE REQUIRED.

8. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG. 72-300 ET SEQ. AND SCR100000.

9. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

10. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.

11. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.

12. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

13. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.

14. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;

16. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).

17. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 * WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
 * WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 * FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 * SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

18. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

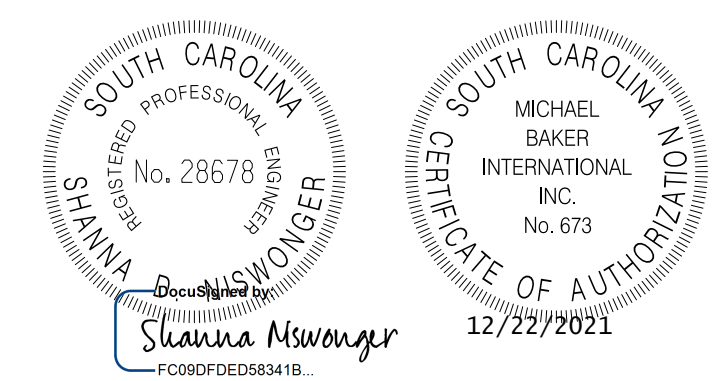
19. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

20. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

SEDIMENT AND EROSION CONTROL PLACEMENT

SILT FENCE SHALL BE PLACED AT THE TOE OF ALL FILL SLOPES WHERE INDICATED ON PLANS TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE PROJECT LIMITS.

A DOUBLE ROW OF SILT FENCE SHALL BE PLACED AT ALL PROTECTED WETLANDS AND STREAMS WITHIN THE PROJECT LIMITS



4			
3			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

TOWN OF SUMMERVILLE	
EROSION CONTROL GENERAL NOTES SHEET	
SHEET EC1	SCALE: N.T.S.

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U1

TOWN OF SUMMERVILLE

PROJECT ID P030733

S-131 (NORTH MAPLE STREET)

DORCHESTER COUNTY, SC

UTILITY PLANS

UTILITY CONTACTS

Utility	Owner	Contact	Phone	Email	Address
Power-Distribution	Dominion Energy	Timothy Ridgell	(843) 851-4954	timothy.ridgell@dominionenergy.com	129 Spaniel Lane Summerville, SC 29483
Water	Summerville CPW	Chris Kahler Micah Miley	(843) 875-8754 (843) 412-3734	rckahler@summervillecpw.com mmiley@summervillecpw.com	PO Box 817 Summerville, SC 29484
Sewer	Dorchester County Water & Sewer	Jason Coffman	(843) 832-0093	jcoffman@dorchestercounty.net	235 Deming Way Summerville, SC 29483
Gas	Dominion Energy	Jordan Reese Jerry Mondo	(843) 576-8027 (843) 277-4487	william.reese@dominionenergy.com gerald.mondo@dominionenergy.com	6099 Fain Street N. Charleston, SC 29418
Telephone/CATV	AT&T	Kaye Jefferson	(843) 745-4424	cj9951@att.com	385 Meeting Street Room 318 Charleston, SC 29403
	Segra	Russell Myers	(803) 315-4487	russell.myers@segra.com	5900 Core Drive North Charleston SC 29406
	Spectrum	Patrick Alexander	(843) 214-6676	patrick.alexander@charter.com	410 Trolley Road Summerville SC 29485

GENERAL NOTES

THESE PLANS ARE TO BE USED ONLY AS REFERENCE FOR UTILITY RELOCATIONS

ALL RELOCATIONS ARE APPROXIMATE BASED ON INFORMATION PROVIDED BY THE INDIVIDUAL UTILITY OWNERS.

ALL PROPOSED RELOCATIONS ARE CONSIDERED INCOMPLETE AND THE INDIVIDUAL UTILITY OWNERS MAY REQUIRE ADDITIONAL RELOCATIONS.

ACTUAL FIELD CONDITIONS WILL DICTATE THE PRECISE LOCATION OF THE RELOCATED UTILITY THROUGH COORDINATION BETWEEN THE CONTRACTOR AND THE UTILITY OWNER.

THE CONTRACTOR SHALL REFER TO EACH UTILITY OWNER'S RELOCATION PLANS INDIVIDUALLY FOR DETAILED AND ACCURATE INFORMATION REGARDING RELOCATIONS. THE CONTRACTOR WILL COORDINATE WITH THE UTILITY OWNERS TO ACCESS THESE PLANS.

THE CONTRACTOR IS REQUIRED TO CONTACT PALMETTO UTILITY PROTECTION SERVICE (PUPS) AS WELL AS THE NON- PUPS MEMBER UTILITIES THREE DAYS PRIOR TO EXCAVATING ACTIVITIES. CALL 811.

THE CONTRACTOR IS REQUIRED TO COORDINATE THE ROADWAY CONSTRUCTION SCHEDULE WITH THE UTILITY RELOCATION SCHEDULES.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	SHEET
U1	UTILITY TITLE SHEET	1
U2	UTILITY LEGEND SHEET	1
U3	UTILITY DATA SHEET	OMITTED
U4	POLE DATA SHEET	1
U5	UTILITY NOTES	1
U6-U24	PRELIMINARY UTILITY SHEETS	19
TOTAL:		23

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA

CALL 1-800-922-0983
PALMETTO UTILITY PROTECTION SERVICE



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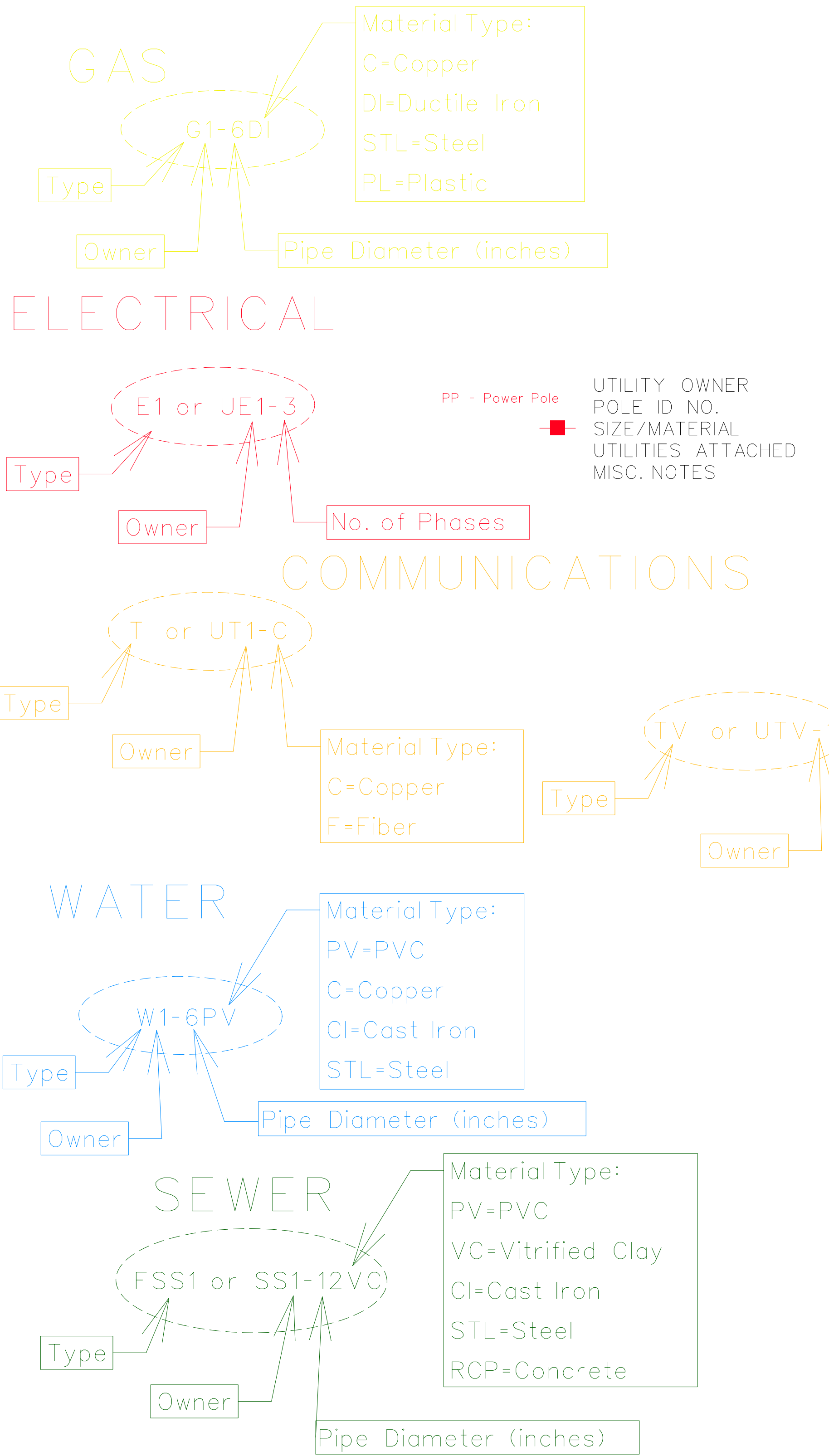
TOWN OF SUMMERVILLE	
NORTH MAPLE STREET UTILITY TITLE SHEET	
SHEET U1	SCALE: NTS

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UTILITY LINE LABEL KEY

UTILITY SYMBOLS AND LINES

UTILITY ID#



Utility	Owner	Utility ID
Power-Distribution	Dominion Energy	E1
Water	Summerville CPW	W1
Sewer	Dorchester County Water & Sewer	S1
Gas	Dominion Energy	G1
Telephone/CATV	AT&T	T1
	Spectrum	TV1
	Segra	T2

GENERAL NOTES

- UTILITY QUALITY LEVEL DEPICTIONS WERE PREPARED IN ACCORDANCE WITH ASCE 38-02
- HORIZONTAL AND VERTICAL CONTROL WAS SUPPLIED BY MICHAEL BAKER INTERNATIONAL.
- UTILITY OWNERSHIP BASED ON OBSERVED ACTIVE FACILITIES.
- AERIAL UTILITY LINES ARE CONSIDERED AS LEVEL 'C'
- UTILITY OWNER INFORMATION SHOWN ON UTILITY TITLE SHEET.
- DETAILED INFORMATION SHOWN ON UTILITY & POLE DATA SHEET.
- HORIZONTAL AND VERTICAL REFERENCED TO PROJECT CONTROL FOUND ON REFERENCE SHEET.
- ALL SUBSURFACE UTILITY WORK WAS PERFORMED USING THE ASCE GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA CI/ASCE 38-02

QUALITY LEVELS AND DEFINITIONS

QUALITY LEVEL A
 INVOLVES THE USE OF NONDESTRUCTIVE DIGGING EQUIPMENT AT CRITICAL LOCATIONS TO DETERMINE THE PRECISE HORIZONTAL AND VERTICAL POSITION OF UNDERGROUND UTILITIES, AS WELL AS THE TYPE, SIZE, CONDITION, MATERIAL, AND OTHER CHARACTERISTICS. THIS QUALITY LEVEL CORRELATES TO A DESIGNATED UTILITY.

QUALITY LEVEL B
 INVOLVES THE USE OF SURFACE GEOPHYSICAL TECHNIQUES TO DETERMINE THE EXISTENCE AND HORIZONTAL POSITION OF UNDERGROUND UTILITIES. THIS QUALITY LEVEL CORRELATES TO A DESIGNATED UTILITY.

QUALITY LEVEL C
 INVOLVES SURVEYING VISIBLE ABOVE-GROUND UTILITY FACILITIES AND CORRELATING THAT INFORMATION WITH EXISTING UTILITY RECORDS. THIS QUALITY LEVEL CORRELATES TO A RECORDED UTILITY.

QUALITY LEVEL D
 INFORMATION COMES SOLELY FROM EXISTING UTILITY RECORDS. THIS QUALITY LEVEL CORRELATES TO A RECORDED UTILITY.



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POLE DATA

POLE NUMBER	ALIGNMENT / ROUTE / RD	STATION	OFFSET	OWNER	POLE DATA				REMARKS / MISC NOTES	POLE NUMBER	ALIGNMENT / ROUTE / RD	STATION	OFFSET	OWNER	POLE DATA				REMARKS / MISC NOTES
					OWNER No	HEIGHT	DIAMETER	MATERIAL							OWNER No	HEIGHT	DIAMETER	MATERIAL	
P001	S-59	7+58.29	30.3	N/A	N/A.		10"	WOOD	No Data, Utility Pole AT&T	P044	S-131	18+15.67	82.0	SCE&G	347026		10"	WOOD	OHE
P002	S-59	7+60.97	29.5	SCE&G	497465		10"	WOOD	OHE, 1 Transformer, AT&T	P045	S-131	18+85.76	15.0	SCE&G	347025		10"	WOOD	OHE, 1 Transformer, AT&T
P003	S-59	8+43.45	30.2	SCE&G	454735		12"	WOOD	OHE, LP, AT&T	P046	S-131	21+41.42	23.8	SCE&G	220685		10"	WOOD	OHE (220685 owner #)
P004	S-59	9+99.48	30.5	SCE&G	406390		10"	WOOD	OHE, 1 Transformer, AT&T	P047	S-131	24+07.53	29.5	SCE&G	96279		10"	WOOD	OHE
P005	S-59	10+86.28	34.1	SCE&G	317248		8"	WOOD	OHE, LP, AT&T	P048	S-131	26+63.24	-69.6	SCE&G	239347		8"	WOOD	OHE, Riding AT&T
P006	S-59	12+66.83	32.3	SCE&G	220048		12"	WOOD	OHE, 1 Transformer, LP, AT&T	P049	S-131	27+04.24	14.4	SCE&G	79662		12"	WOOD	OHE, 1 Transformer, LP, CATV
P007	S-59	15+17.64	31.5	SCE&G	406391		12"	WOOD	OHE, 1 Transformer	P050	S-131	29+16.29	17.3	SCE&G	7063		10"	WOOD	OHE, 1 Transformer
P008	S-59	15+19.07	30.3	N/A	N/A.		10"	WOOD	No Data, Utility Pole AT&T	P051	S-131	30+85.96	22.6	SCE&G	435126		8"	WOOD	Utility Power Pole, LP
P009	S-59	16+42.28	32.2	SCE&G	31884		12"	WOOD	OHE, AT&T	P052	S-131	32+22.24	17.7	N/A	N/A.		10"	WOOD	Utility Pole, CATV
P010	S-65	60+36.20	84.5	N/A	N/A.		8"	WOOD	Utility Power Pole, No Data	P053	S-131	32+23.55	19.5	SCE&G	100		10"	WOOD	OHE, 1 Transformer, CATV
P011	S-65	60+44.46	23.5	SCE&G	C-52509		10"	WOOD	OHE, 1 Transformer, LP, AT&T	P054	S-131	34+05.88	20.9	SCE&G	136709		12"	WOOD	OHE, CATV
P012	S-65	62+27.26	22.7	SCE&G	191115		10"	WOOD	OHE, 1 Transformer, LP, AT&T	P055	S-131	35+98.49	-22.9	SCE&G	110915		10"	WOOD	OHE
P013	S-65	62+42.91	117.9	SCE&G	583934		8"	WOOD	OHE, LP	P056	S-131	36+24.31	24.5	SCE&G	110916		10"	WOOD	OHE, 1 Transformer, CATV
P014	S-65	64+03.78	25.6	SCE&G	220074		10"	WOOD	OHE, 1 Transformer, LP	P057	S-131	36+38.93	96.8	N/A	N/A.		8"	WOOD	No Data, LP
P015	S-65	65+22.69	-26.9	SCE&G	419035		12"	WOOD	OHE	P058	S-131	36+66.23	-50.4	N/A	N/A.		10"	WOOD	No Data, Utility Pole
P016	S-65	66+87.15	27.4	SCE&G	34922		12"	WOOD	OHE, 2 Transformers, CATV	P059	S-131	36+65.55	-51.7	SCE&G	223801		10"	WOOD	OHE
P017	S-65	69+47.19	23.8	SCE&G	87318		10"	WOOD	OHE, CATV, 2 LP	P060	S-131	39+14.32	23.1	SCE&G	389810		10"	WOOD	OHE, 1 Transformer, CATV
P020	S-131	0+30.34	-31.9	SCE&G	531277		12"	WOOD	OHE	P061	S-131	39+83.31	49.4	SCE&G	389811		8"	WOOD	OHE, LP
P021	S-131	1+39.51	67.7	N/A	N/A.		10"	WOOD	No Data, Utility Pole	P062	S-131	43+09.44	21.9	N/A	N/A.		10"	WOOD	No Pole #62(No Data)
P022	S-131	2+02.47	-17.4	SCE&G	A62878		10"	WOOD	OHE, LP, 1 Transformer	P070	US78	500+02.44	36.6	SCE&G	614006		12"	WOOD	OHE
P023	S-131	3+72.58	-14.9	SCE&G	302722		12"	WOOD	OHE, LP	P071	US78	500+21.64	-34.7	SCE&G	184397		12"	WOOD	OHE, 1 Transformer, AT&T
P024	S-131	3+73.98	-14.1	N/A	N/A.		12"	WOOD	No Data, Utility Pole	P072	US78	500+77.68	-35.5	SCE&G	90660		10"	WOOD	OHE, LP
P025	S-131	4+88.29	19.5	SCE&G	4937		12"	WOOD	OHE, LP	P073	US78	501+80.86	-32.8	SCE&G	274857		12"	WOOD	OHE, 1 Transformer, AT&T
P026	S-131	4+98.12	20.5	SBT&T	N/A.		8"	WOOD	Utility Pole	P074	US78	502+68.81	35.7	SCE&G	479711		8"	WOOD	OHE, LP
P027	S-131	6+75.19	-33.1	N/A	N/A.		10"	WOOD	No Data, LP	P075	US78	504+03.57	-34.8	SCE&G	184400		12"	WOOD	OHE
P028	S-131	6+98.09	24.2	SCE&G	N/A.		10"	WOOD	No Data	P076	US78	504+99.70	43.2	SCE&G	614003		8"	WOOD	No Data Utility Pole
P029	S-131	7+07.54	24.6	SCE&G	N/A.		10"	WOOD	Riding AT&T (No Data)	P077	US78	505+29.35	65.2	SCE&G	409259		10"	WOOD	OHE, LP
P030	S-131	8+01.23	-32.8	N/A	N/A.		12"	WOOD	No Data	P078	US78	505+29.78	50.0	N/A	N/A.		12"	METAL	Traffic Signal Pole
P031	S-131	9+10.60	-33.2	N/A	N/A.		12"	WOOD	No Data	P079	US78	505+67.75	-27.7	N/A	N/A.		12"	METAL	Traffic Signal Pole
P032	S-131	9+42.79	-30.0	N/A	N/A.		10"	WOOD	No Data	P080	US78	506+21.71	-36.3	SCE&G	185498		12"	WOOD	OHE
P033	S-131	9+43.84	16.2	SCE&G	389803		10"	WOOD	OHE, Riding AT&T	P081	US78	507+28.60	-44.5	N/A	N/A.		12"	METAL	Traffic Signal Pole
P034	S-131	10+35.79	-35.3	N/A	N/A.		10"	WOOD	No Data	P082	US78	506+99.32	56.5	SCE&G	314001		10"	WOOD	OHE
P035	S-131	11+65.87	14.9	SCE&G	416348		10"	WOOD	OHE	P083	US78	507+61.48	39.9	SCE&G	478730		10"	WOOD	LP
P036	S-131	11+66.21	-39.7	N/A	N/A.		10"	WOOD	No Data	P084	US78	507+75.82	-36.3	SCE&G	614004		12"	WOOD	OHE, 2 Transformers, LP
P037	S-131	11+68.57	15.2	SCE&G	N/A.		10"	WOOD	No Data, Utility Pole	P085	US78	508+65.70	-36.8	SCE&G	D-4412		10"	WOOD	OHE, LP
P038	S-131	12+47.35	-26.1	N/A	N/A.		10"	WOOD	No Data, Utility Pole	P086	US78	508+91.13	39.2	SCE&G	391891		10"	WOOD	OHE, LP
P039	S-131	12+47.74	14.6	SCE&G	416347		10"	WOOD	OHE	P087	US78	509+27.16	-37.1	SCE&G	614005		12"	WOOD	OHE, 1 Transformer
P040	S-131	13+52.60	-25.3	N/A	9716		10"	WOOD	No Data, Utility Pole	P088	US78	509+78.98	46.8	SCE&G	483073		10"	WOOD	OHE, LP
P041	S-131	14+21.34	19.8	SCE&G	81984		10"	WOOD	OHE, LP	P089	US78	510+80.38	-35.7	SCE&G	40410		10"	WOOD	OHE, 1 Transformer, LP
P042	S-131	14+52.37	-28.8	N/A	N/A.		10"	WOOD	No Data, LP	P090	US78	513+03.10	39.2	SCE&G	42951		10"	WOOD	OHE, LP
P043	S-131	15+63.49	13.7	SCE&G	154755		10"	WOOD	OHE, 1 Transformer	P091	US78	513+38.33	-35.1	SCE&G	581197		10"	WOOD	OHE



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TOWN OF SUMMERVILLE

POLE DATA INFORMATION SHEET
S-131 (NORTH MAPLE STREET)

SHEET U4 SCALE: NTS

UTILITY NOTES

COORDINATION OF UTILITY RELOCATION WORK WITH HIGHWAY CONSTRUCTION: S-131 (NORTH MAPLE STREET) - DORCHESTER, SC

Utility Company	Contact Name & Email	Phone Number
Dominion Energy Distribution	Timothy Ridgell timothy.ridgell@dominionenergy.com	(843) 851-4954
Summerville CPW	Micah Miley mmiley@summervillecpw.com	(843) 412-3734
Dorchester County Water & Sewer	Jason Coffman jcoffman@dorchestercounty.net	(843) 832-0093
Dominion Energy Gas	Jerry Mondo gerald.mondo@dominionenergy.com	(843) 277-4487
AT&T	Kaye Jefferson cj9951@att.com	(843) 745-4424
Spectrum	Patrick Alexander patrick.alexander@charter.com	(843) 214-6676
Segra	Russell Myers russell.myers@segra.com	(803) 315-4487

For informational purposes only, utility relocation plans are included in the contract construction drawings for this project. These plans are for illustration purposes only so the contractor can visualize the utility relocations. For detailed construction utility relocation plans, the contractor will need to coordinate with the utility owners to obtain copies. It is the responsibility of the Contractor to call SC811 and the non SC811 member utilities three (3) days prior to work so that the existing utilities can be properly marked. All utility relocation work for those who are inside the project limits will be verified and coordinated by the contractor during construction.

These plans are to be used only as reference for utility relocations

All relocations are approximate based on information provided by the individual utility owners

All proposed relocations are considered incomplete and the individual utility owners may require additional relocations.

Actual field conditions will dictate the precise location of the relocated utility through coordination between the contractor and the utility owner.

The contractor shall refer to each utility owner's relocation plans individually for detailed and accurate information regarding relocations.

The Contractor is required to contact SC811 as well as non SC811 member utilities three days prior to excavating activities.

The Contractor is required to coordinate the roadway construction schedule with the utility relocation schedules.

UTILITY AS-BUILTS:

The roadway contractor shall be responsible for the collection and incorporation of the utility as-builts in their final submittal. All existing, proposed, and abandon lines must be shown.

UTILITY STAKING:

Contractor shall be aware on as needed basis; utilities may request staking of construction items and rights-of-way to help facilitate relocations and to avoid potential conflict with roadway construction and other utilities.

UTILITY RELOCATION INCIDENTALS:

For the relocation of services, adjustments of valve covers and/or manhole lids, adjustments for point conflicts, and any other utility appurtenances adjustments, the contractor shall notify the utility owner five (5) days prior to needing adjust and allow one (1) week to complete.

UTILTY RELOCATION WINDOW & SEQUENCE:

TEMPORARY SUSPENSION FOR UTILITY WORK:

The Town has determined that in the best interest of the traveling public, the Contractor shall perform the clearing and grubbing operations as soon as possible after the award of the contract to allow for utilities to relocate within a specified 180 -day utility window. Once the notice to proceed has been established, the Contractor shall begin associated clearing and staking operations on North Maple Street. Upon completion of the clearing and grubbing and construction staking, the Contractor shall notify the Town Engineer by letter. Once the Town Engineer has been notified that clearing and grubbing, erosion control, and staking operations on the road are complete, the utility window shall begin. The Town Engineer shall establish the beginning and end date of the utility windows.

During this utility window, the Contractor will not be allowed to perform any work activities unless approved by the Town Engineer. If work activities are approved, they should in no way hinder or interfere with the utility relocations during the utility window provided. If work activities interfere with utility relocations, all work by the prime contractor and subcontractors will be suspended until the end of the utility window.

The Contractor shall be responsible for maintaining all erosion control measures on the project. The Town will not compensate the Contractor for any additional mobilization other than the bid amount for mobilization.

This provision in no way provides a guarantee that all utility relocations will be completed during the utility window.

UTILITY RELOCATION SEQUENCE:

It is the intention of the utilities to relocate according to the following construction sequence. If the contractor plans to deviate from the proposed phasing, then it is the responsibility of the contractor to coordinate any changes and account for any potential delays.

Step 1: DCW&S, Summerville CPW and Dominion Distribution to relocate early where possible on the south side of the project from Parsons Street to US-78. Relocation work along US-78 can proceed early in the project as well. Dominion Energy will place power lines underground along North Maple. Charter-Spectrum will be installed within the Dominion Energy easement in a joint use duct bank. This Dominion Energy underground work may proceed as soon as easements are secured, and agreements are in place.

Step 2: Dominion Energy Gas to be relocated between water and right-of-way after the water relocation is complete on the south side of the project from Parsons Street to US-78. Dominion Energy Gas has informed that demolition at tract 11 will need to be completed prior to gas relocation in that area. Charter-Spectrum relocation will follow behind the Dominion Energy Distribution pole relocations along Parsons Street and along Richardson.

Step 3: DCW&S, Summerville CPW and Dominion Distribution, AT&T Charter-Spectrum and Segra to relocate north of US-78 after the razing of buildings within right-of-way is complete and after clearing and grubbing is completed.

Step 4: Dominion Energy Gas to be relocated between water and right-of-way after the water relocation is complete on the north side of the project from US-78 to project limits at Sta. 128+70. Charter-Spectrum relocation will follow behind the Dominion Energy Distribution pole relocations where not converting to underground in JUDB.

Step 5: Charter-Spectrum relocation will follow behind the Dominion Energy Distribution pole relocations along US-78. Segra to relocate along US-78 and North Maple after Dominion Energy is in place at the US-78 / North Maple intersection since Segra will be in the joint bore at the intersection.

Step 6: Per AT&T, their relocation will not begin prior to the construction project. AT&T will begin their relocation once the project is let.

UTILITY RELOCATION TIMEFRAMES:

Utility Company	Notice Period	Relocation Period
Dominion Energy Distribution	4-weeks	6-months
Summerville CPW	4-weeks	3-months
Dorchester County Water & Sewer	3-months	6-weeks
SCE&G Gas	3-weeks	3-months
AT&T	4-weeks	6-months
Charter-Spectrum	3-weeks	6-months (JUDB with Dominion Energy)
Segra	4-weeks	2-months

Contractor to confirm time frames and relocation status.

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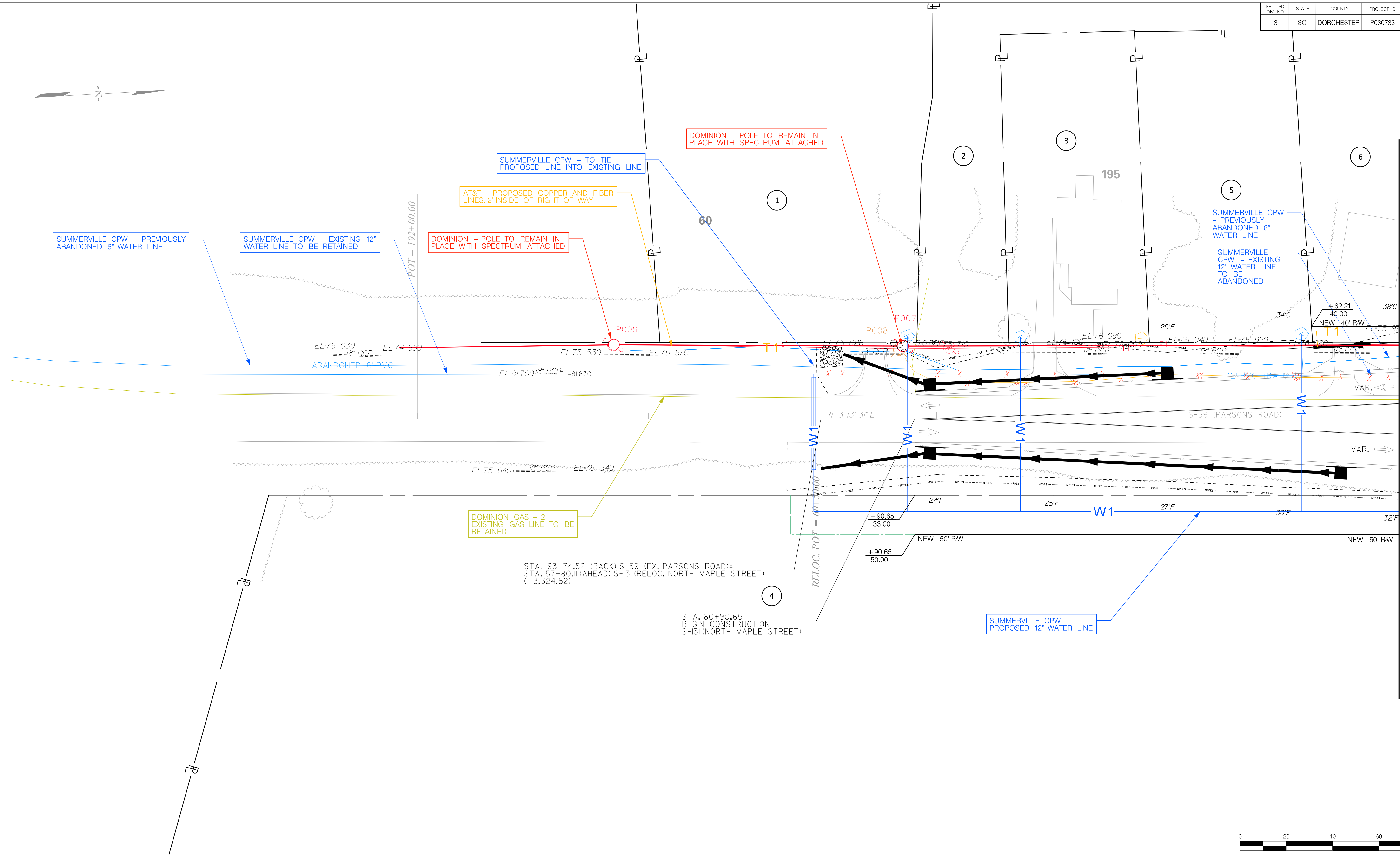
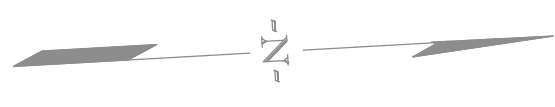
TOWN OF SUMMERVILLE

UTILITY NOTES

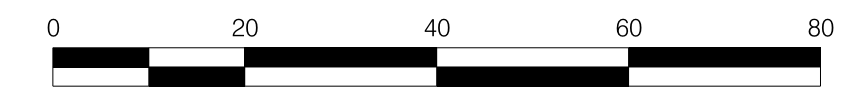
SHEET U5

SCALE: NTS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U6



MATCHLINE STA. 63+00.00
SEE SHEET U7



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TOWN OF SUMMERVILLE

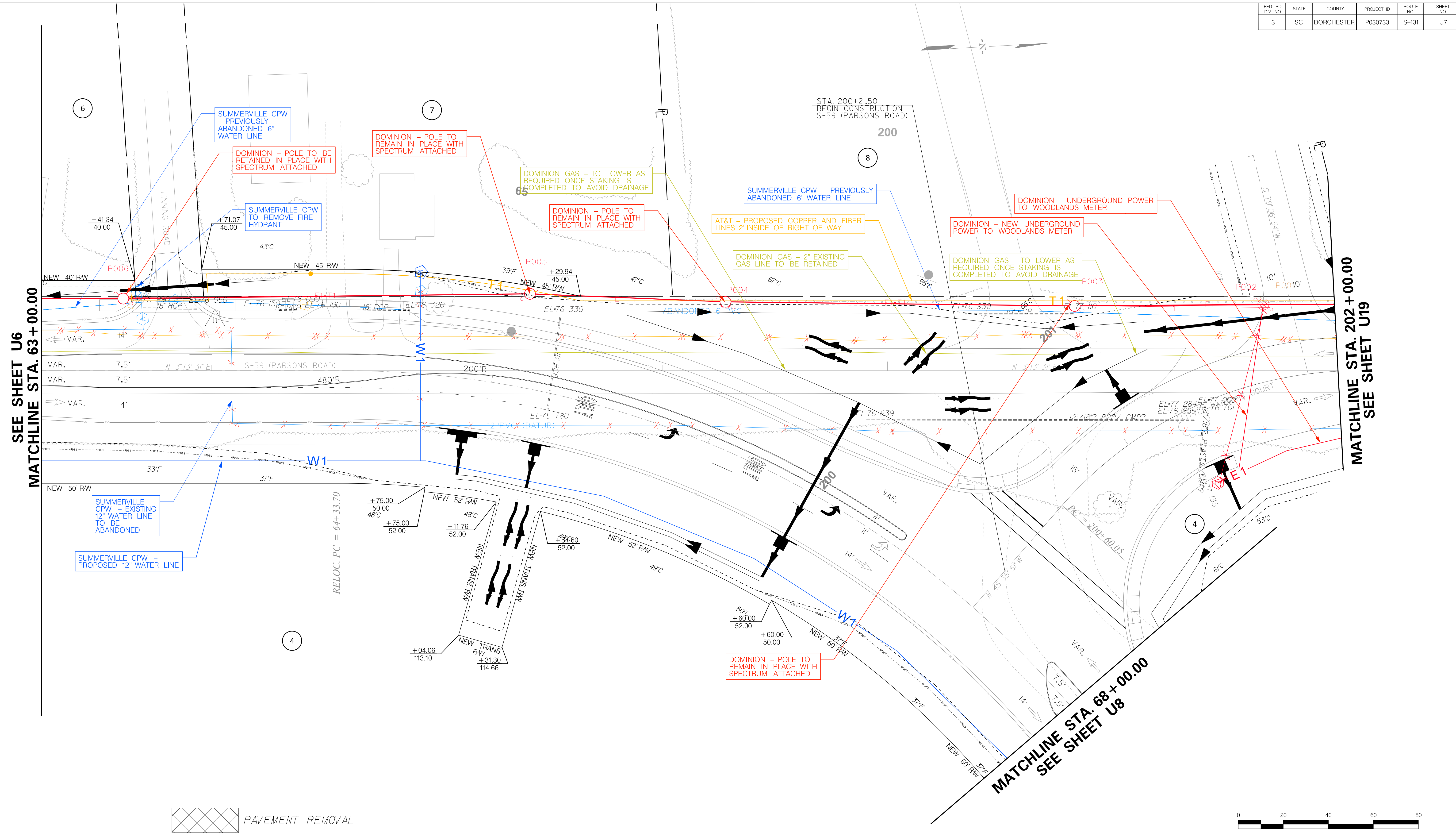
UTILITY RELOCATION SHEETS
S-131 (NORTH MAPLE STREET)
STA. 60+90.65 TO STA. 63+00.00

SHEET U6

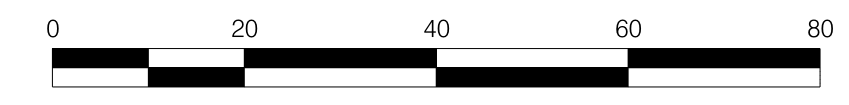
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U7



PAVEMENT REMOVAL



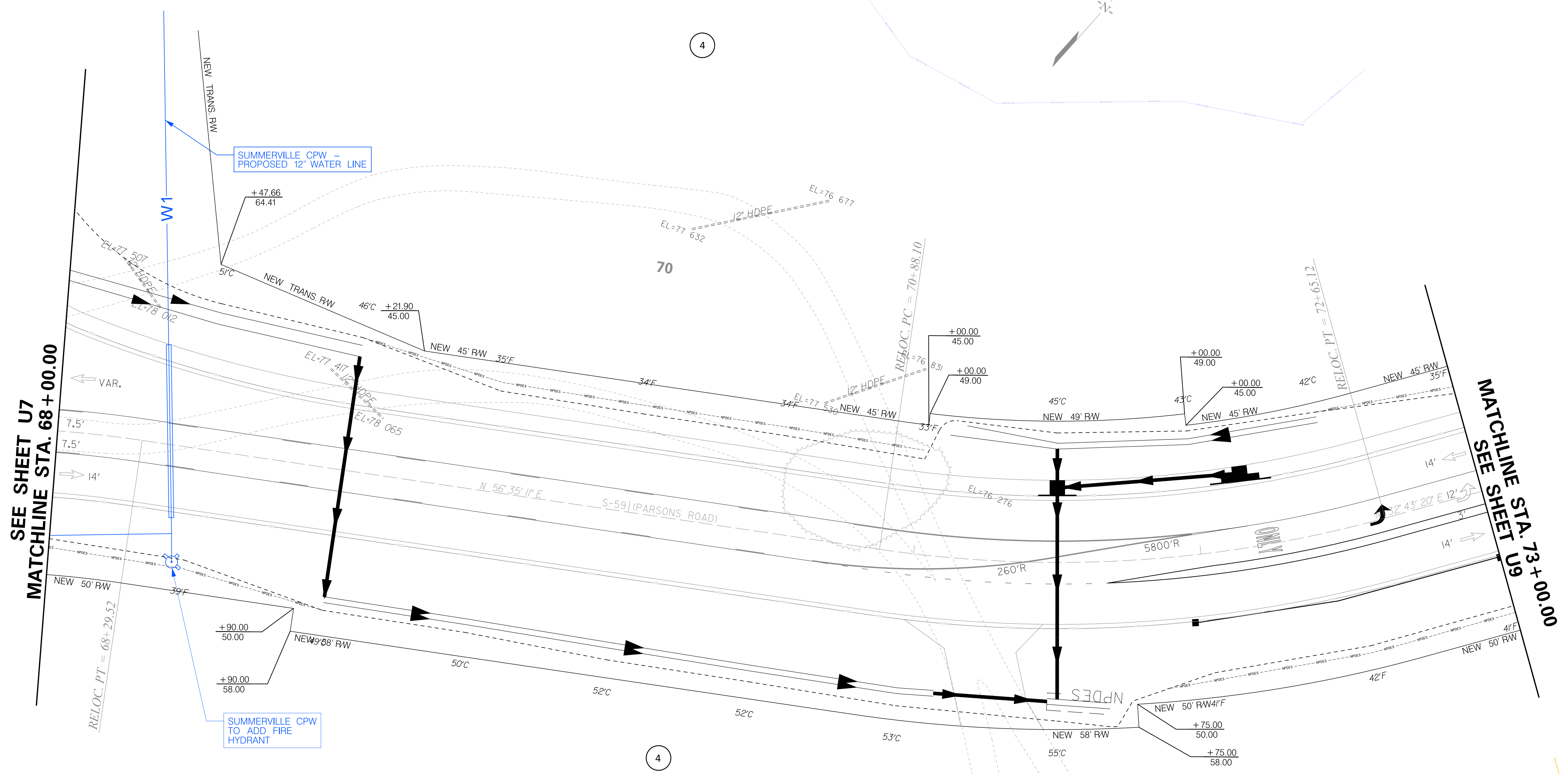
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TOWN OF SUMMERVILLE
 UTILITY RELOCATION SHEETS
 S-131 (NORTH MAPLE STREET)/S-59 (PARSONS RD)
 STA. 62+00.00 TO STA. 68+00.00
 STA. 200+00.00 TO STA. 202+00.00
 SHEET U7 SCALE: 1" = 20'

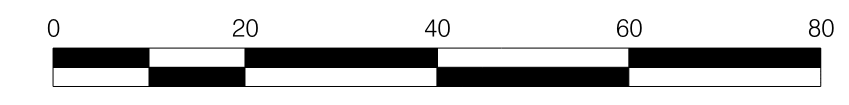
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U8



SEE SHEET U7
MATCHLINE STA. 68+00.00

MATCHLINE STA. 73+00.00
SEE SHEET U9



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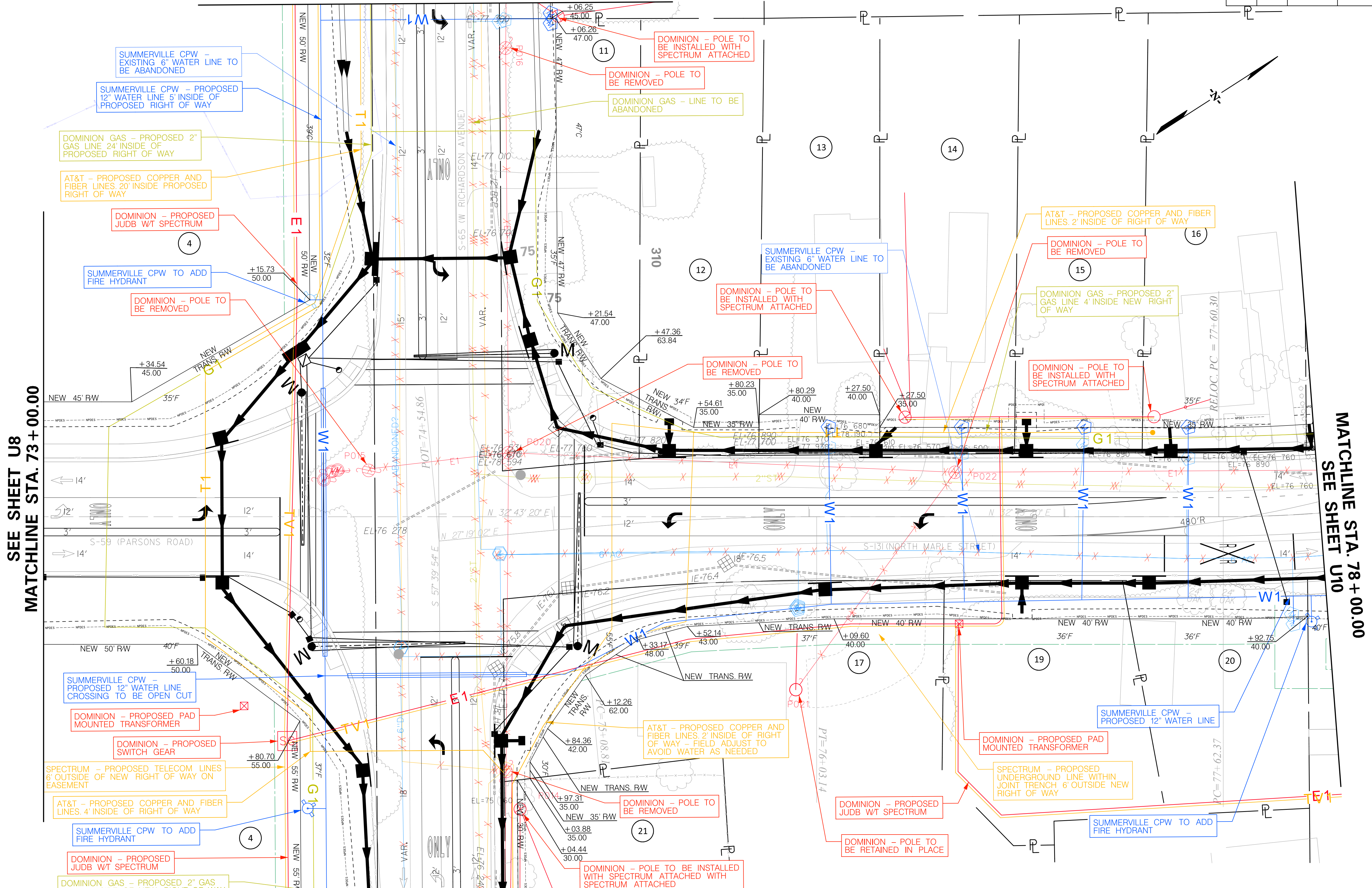
TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
S-131 (NORTH MAPLE STREET)
STA. 68+00.00 TO STA. 73+00.00

SHEET U8
SCALE: 1" = 20'

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MATCHLINE STA. 309+00.00 SEE SHEET U20



SEE SHEET U8
MATCHLINE STA. 73+00.00

MATCHLINE STA. 78+00.00
SEE SHEET U10

MATCHLINE STA. 312+50.00 SEE SHEET U21

TOTAL TAKE PROPERTY TRACTS: 11

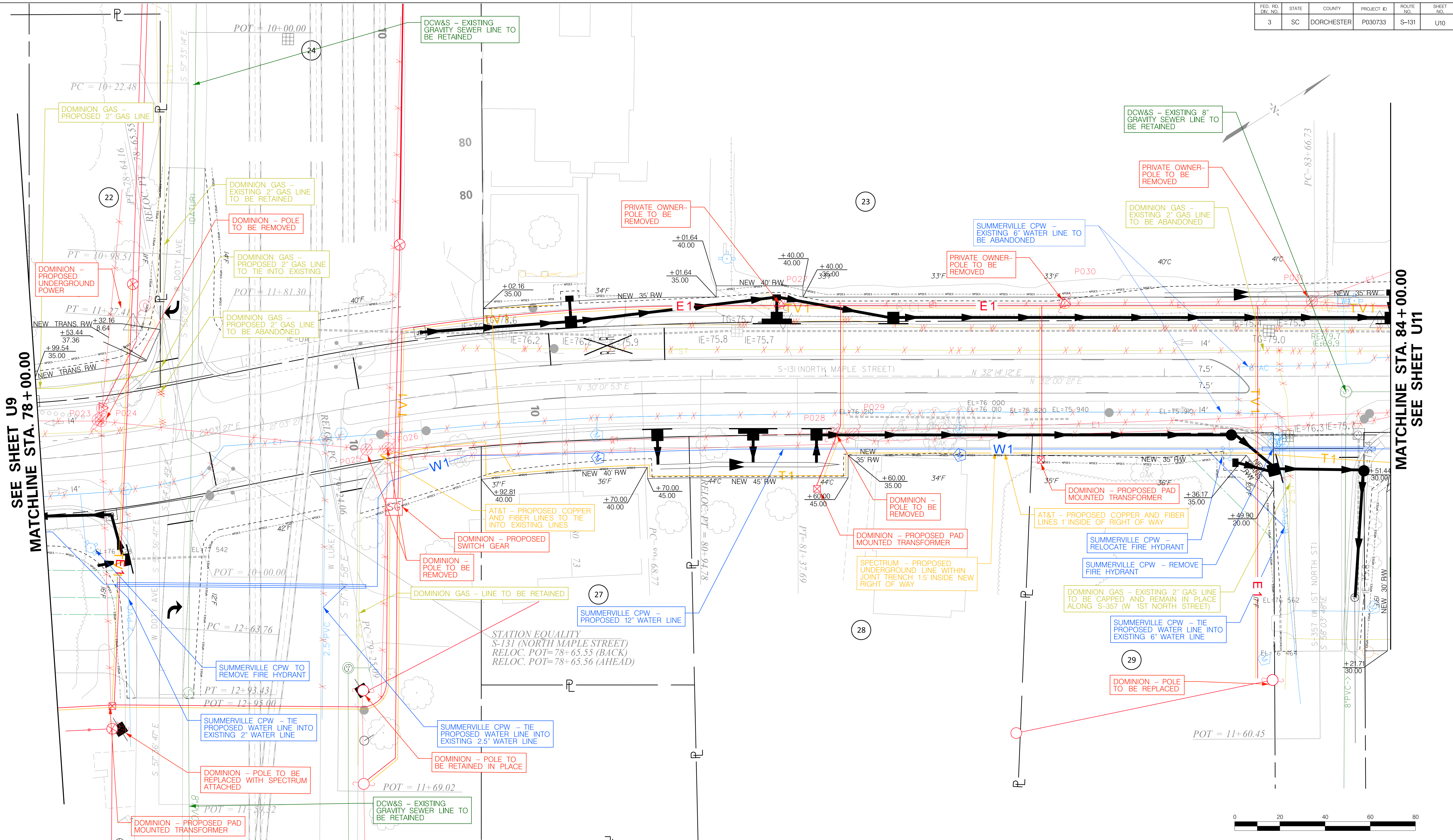


NOT FOR CONSTRUCTION

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DESIGNED BY:		DATE:		
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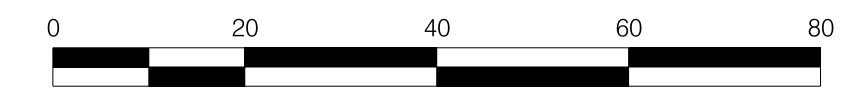
TOWN OF SUMMERVILLE
UTILITY RELOCATION SHEET
S-131 (NORTH MAPLE STREET) /
S-65 (W RICHARDSON AVE)
STA. 73+00.00 TO STA. 78+00.00
STA. 309+00.00 TO STA. 312+50.00
SHEET U9 SCALE: 1" = 20'

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SEE SHEET U9
MATCHLINE STA. 78+00.00

MATCHLINE STA. 84+00.00
SEE SHEET U11



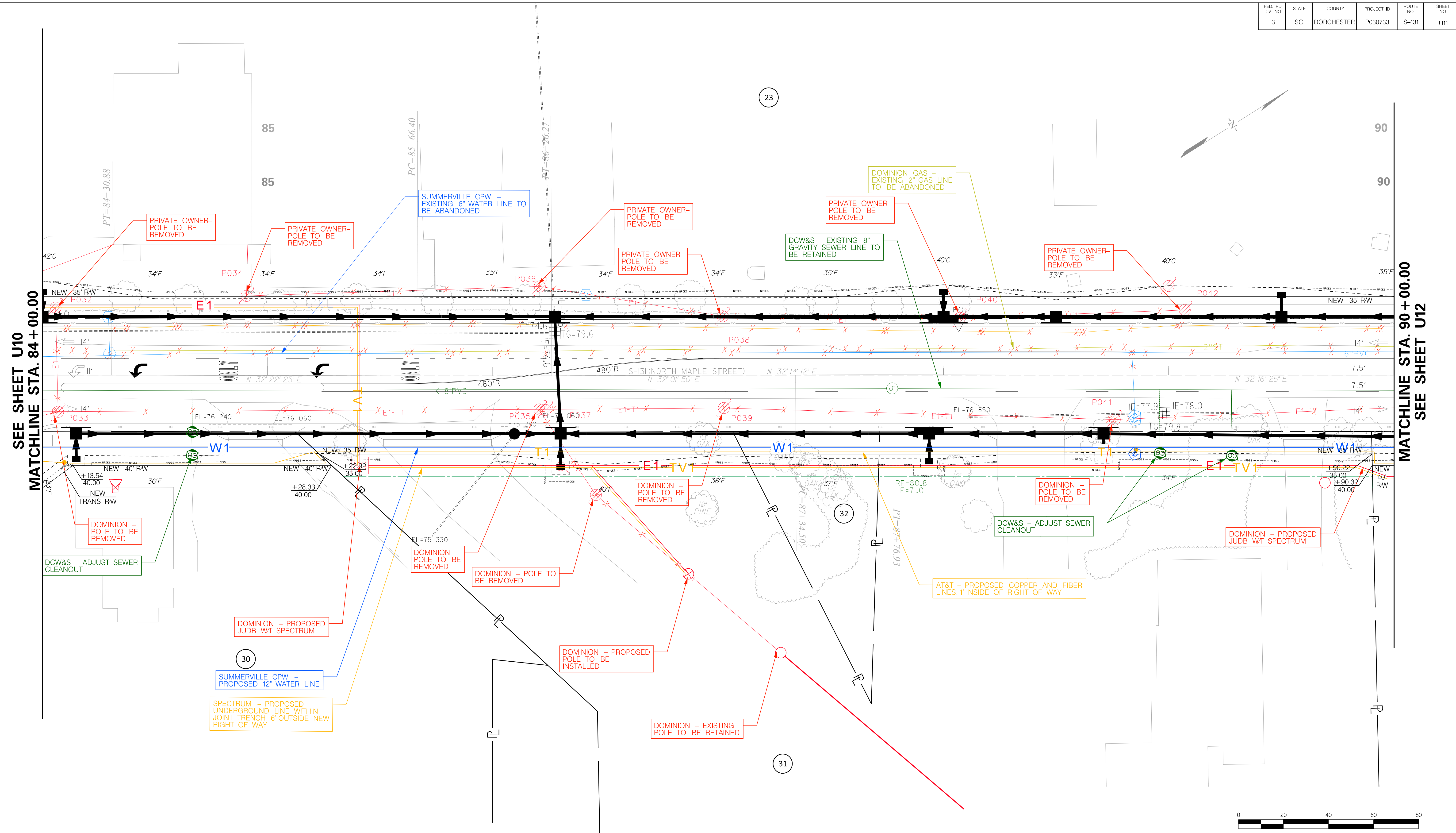
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TOWN OF SUMMERVILLE
 UTILITY RELOCATION SHEETS
 S-131 (NORTH MAPLE STREET)
 STA. 78+00.00 TO STA. 84+00.00
 SHEET U10
 SCALE: 1" = 20'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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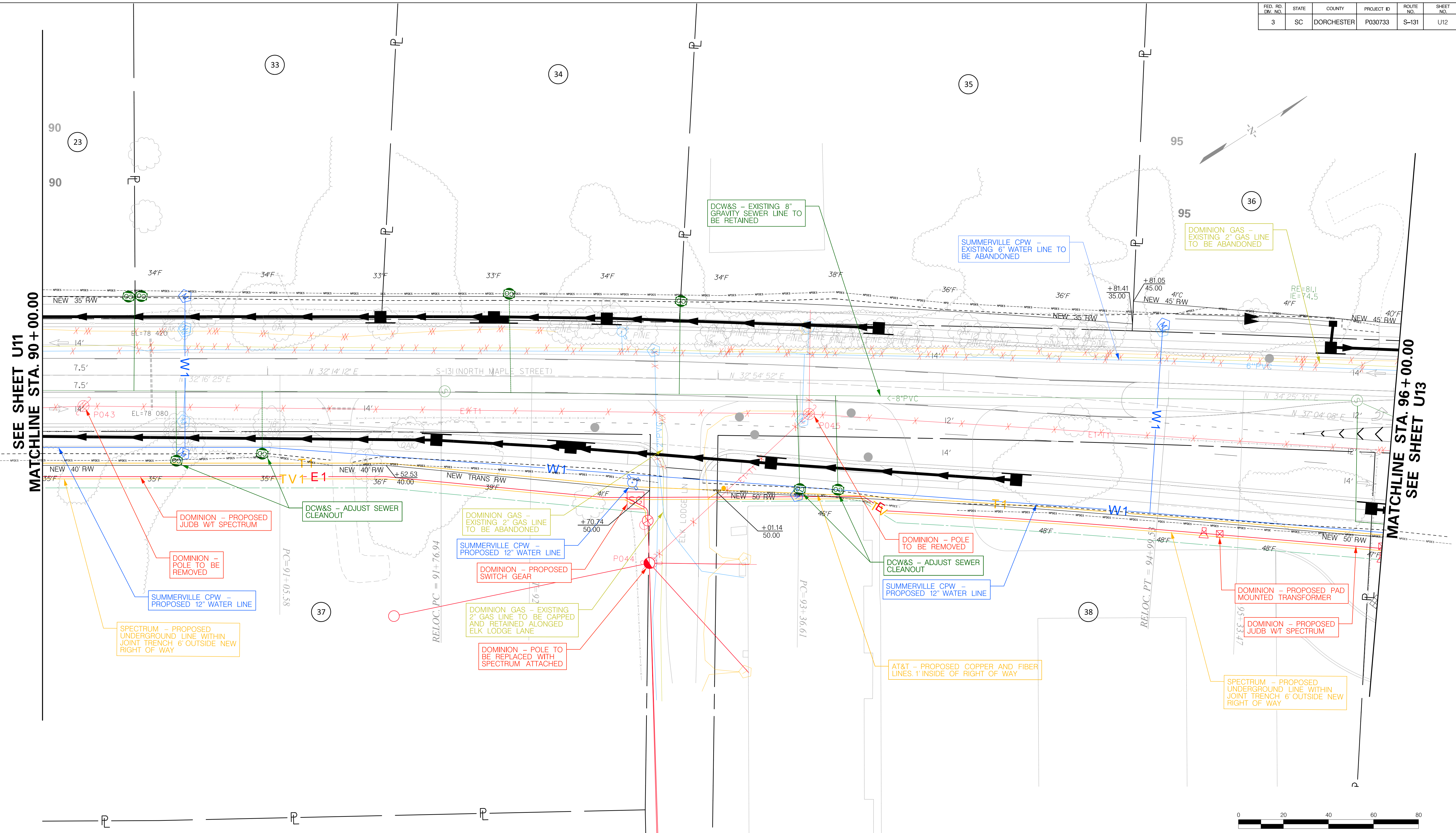
TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
 S-131 (NORTH MAPLE STREET)
 STA. 84 + 00.00 TO STA. 90 + 00.00

SHEET U11 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U12



NOT FOR CONSTRUCTION

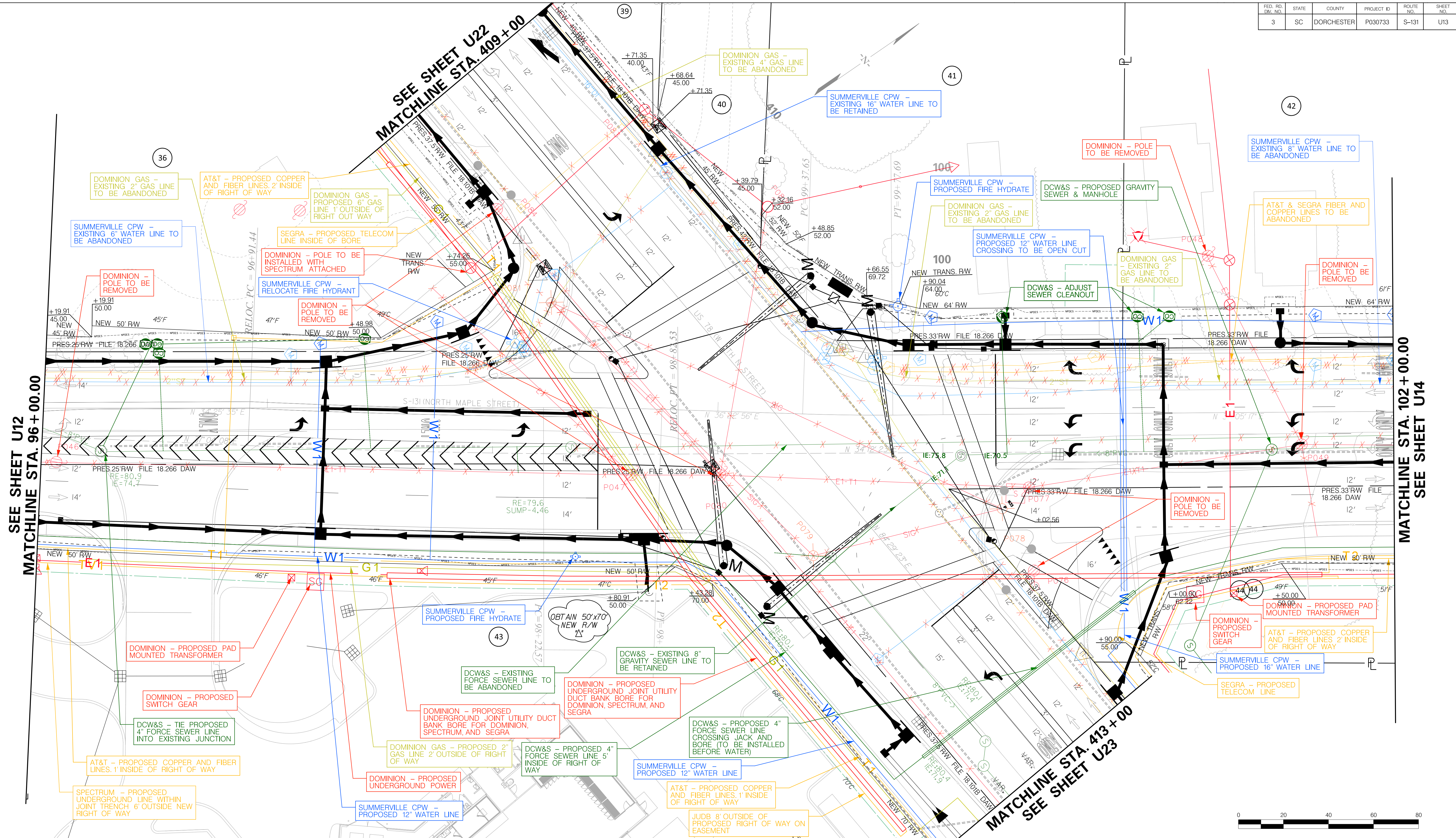
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TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
S-131 (NORTH MAPLE STREET)
STA. 90+00.00 TO STA. 96+00.00

SHEET U12 SCALE: 1" = 20'

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NOT FOR CONSTRUCTION

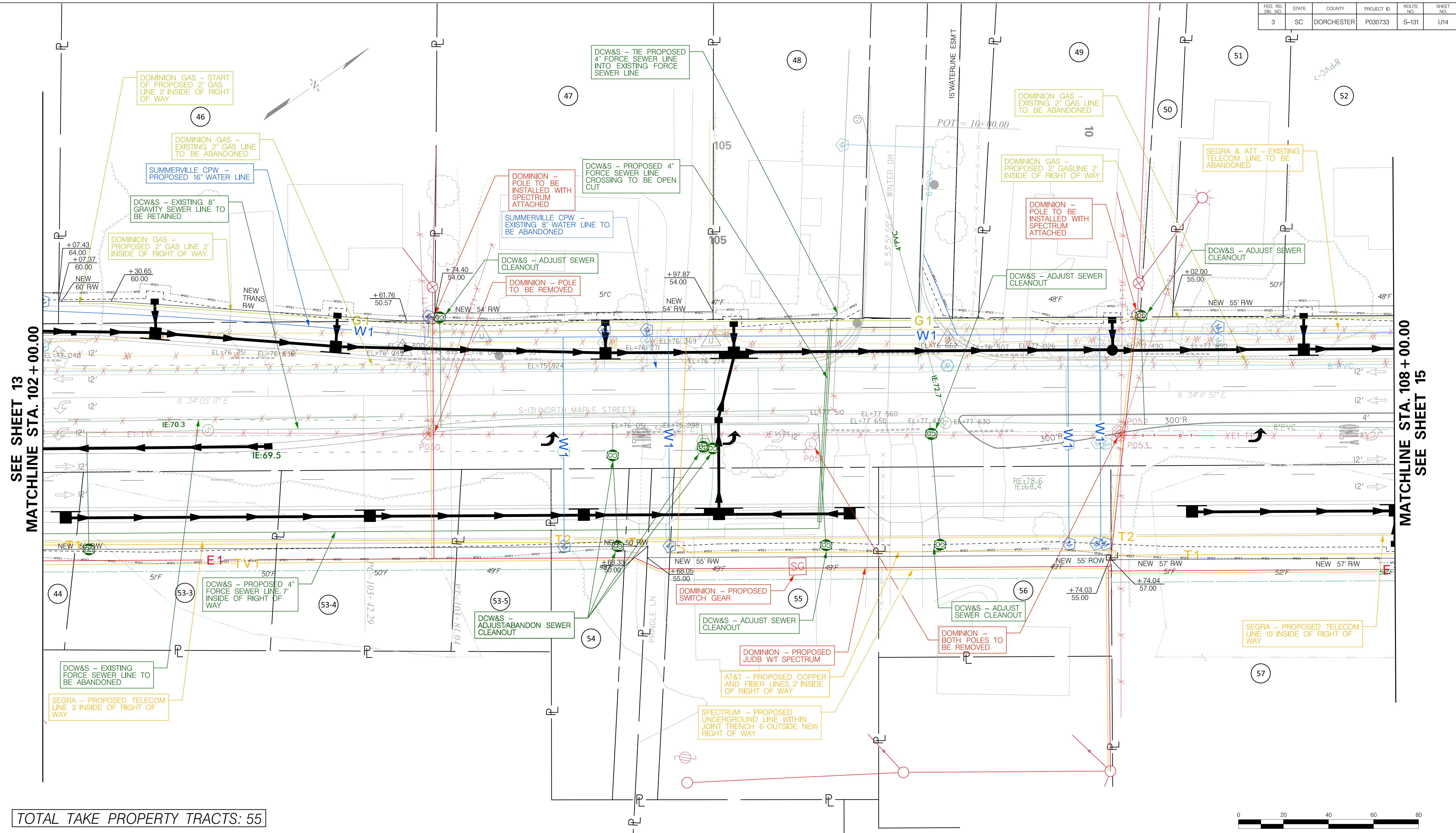
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TOWN OF SUMMERVILLE

RELOCATION UTILITY SHEETS
 S-131 (NORTH MAPLE STREET)
 STA. 409+00.00 TO STA. 413+00.00
 STA. 96+00.00 TO STA. 102+00.00

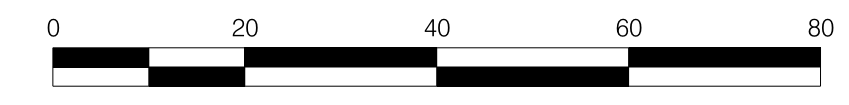
SHEET U13 SCALE: 1" = 20'



SEE SHEET 13
MATCHLINE STA. 102 + 00.00

MATCHLINE STA. 108 + 00.00
SEE SHEET 15

TOTAL TAKE PROPERTY TRACTS: 55

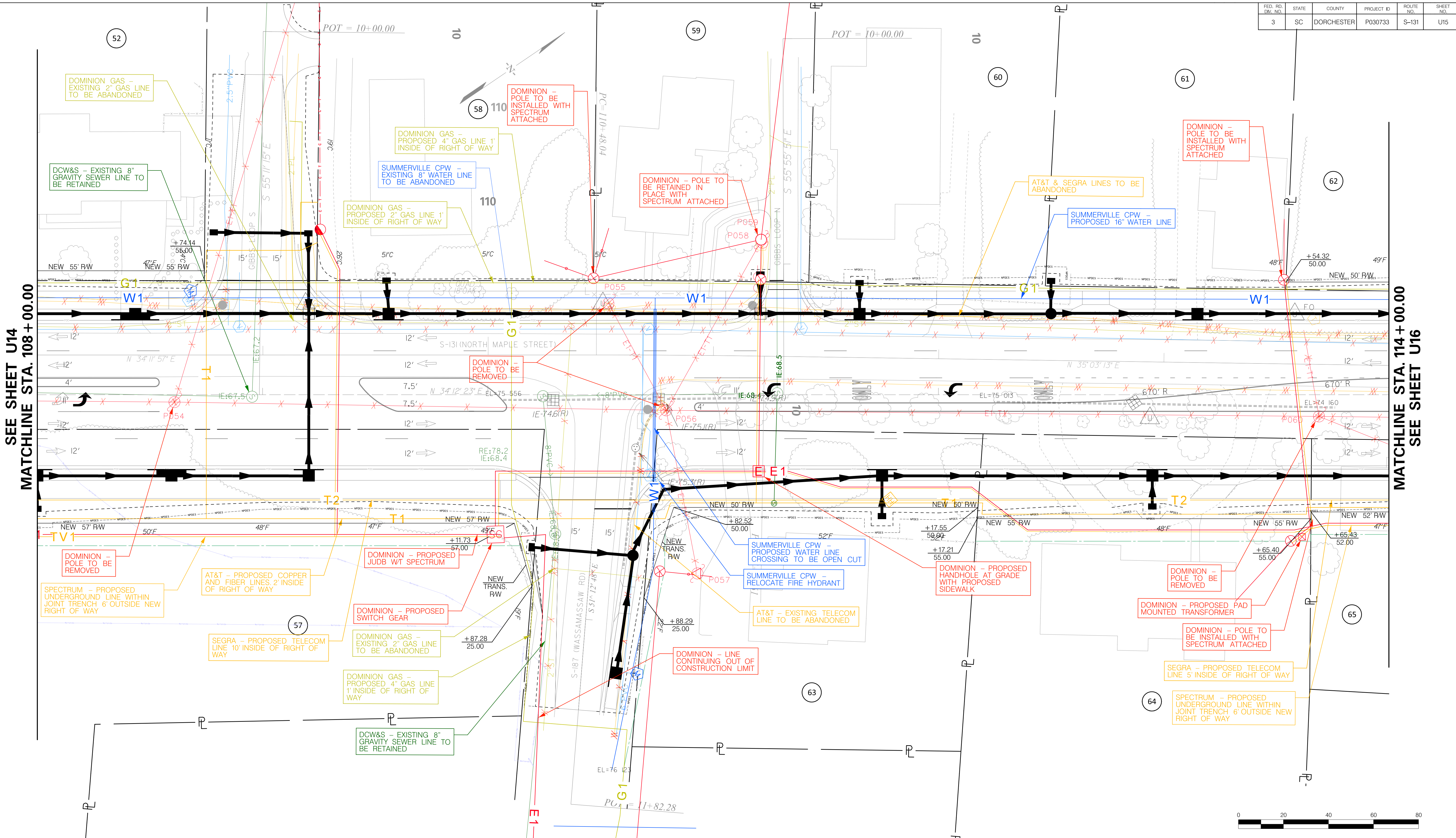


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TOWN OF SUMMERVILLE
UTILITY RELOCATION SHEETS
S-131 (NORTH MAPLE STREET)
STA. 102 + 00.00 TO STA. 108 + 00.00
SHEET U14 SCALE: 1" = 20'

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NOT FOR CONSTRUCTION

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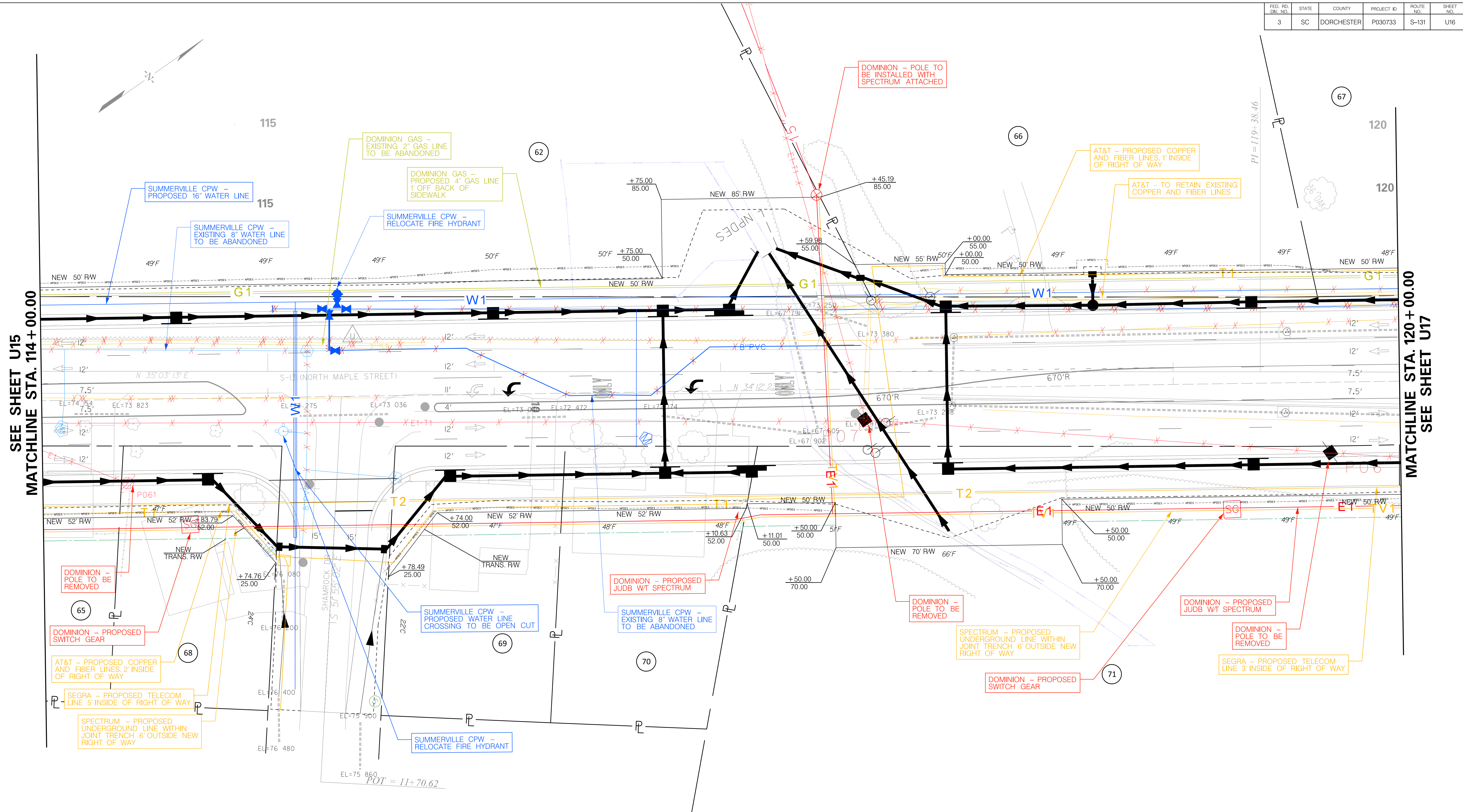
DESIGNED BY: _____ DATE: _____
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 CHECKED BY: _____ DATE: _____

TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
 S-131 (NORTH MAPLE STREET)
 STA. 108+00.00 TO STA. 114+00.00

SHEET U15 SCALE: 1" = 20'

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SEE SHEET U15
MATCHLINE STA. 114 + 00.00

MATCHLINE STA. 120 + 00.00
SEE SHEET U17

TOTAL TAKE PROPERTY TRACTS: 68, 69, 70



NOT FOR CONSTRUCTION

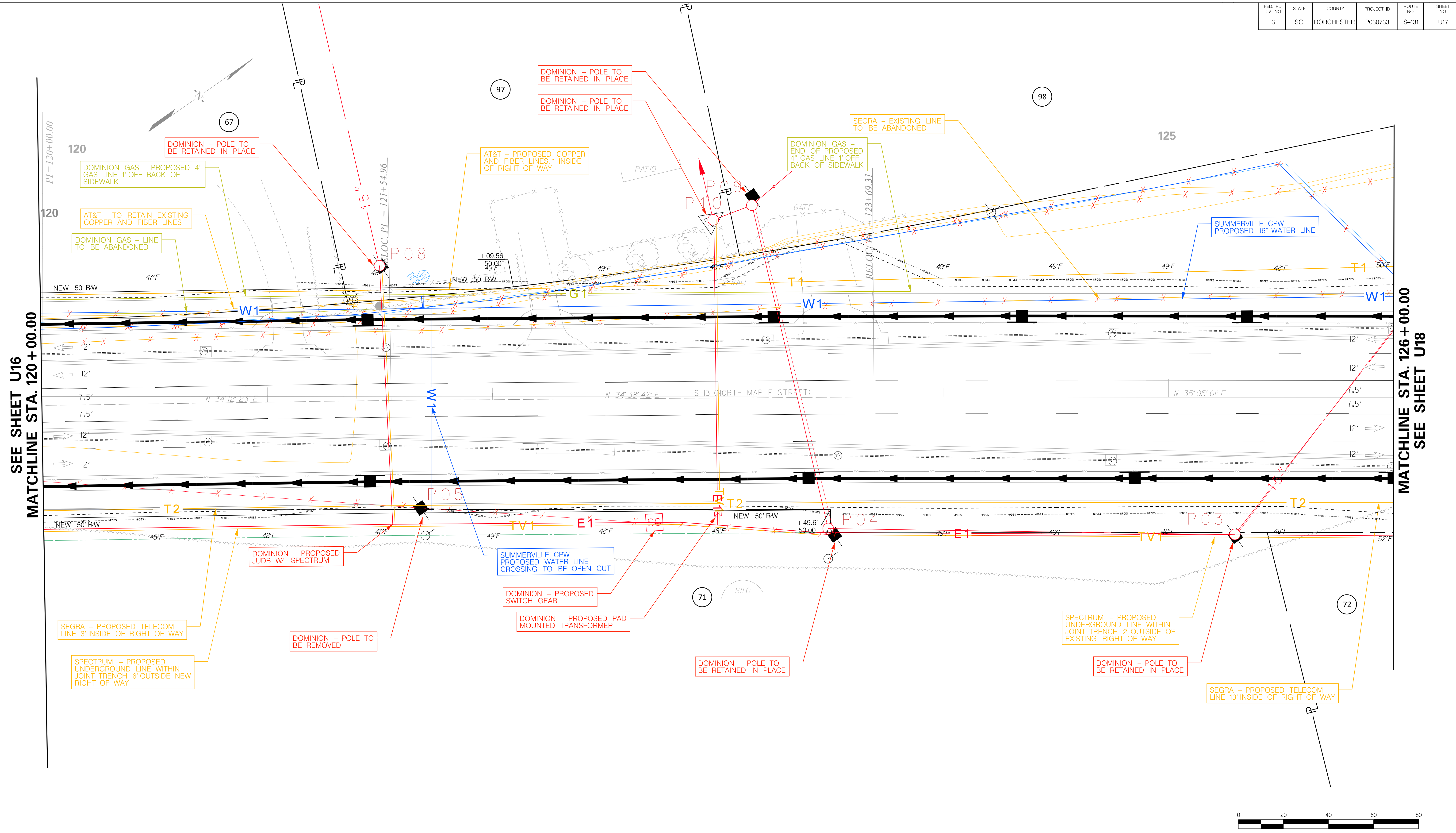
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
 S-131 (NORTH MAPLE STREET)
 STA. 114+00.00 TO STA. 120+00.00

SHEET U16 SCALE: 1" = 20'



NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:		DATE		
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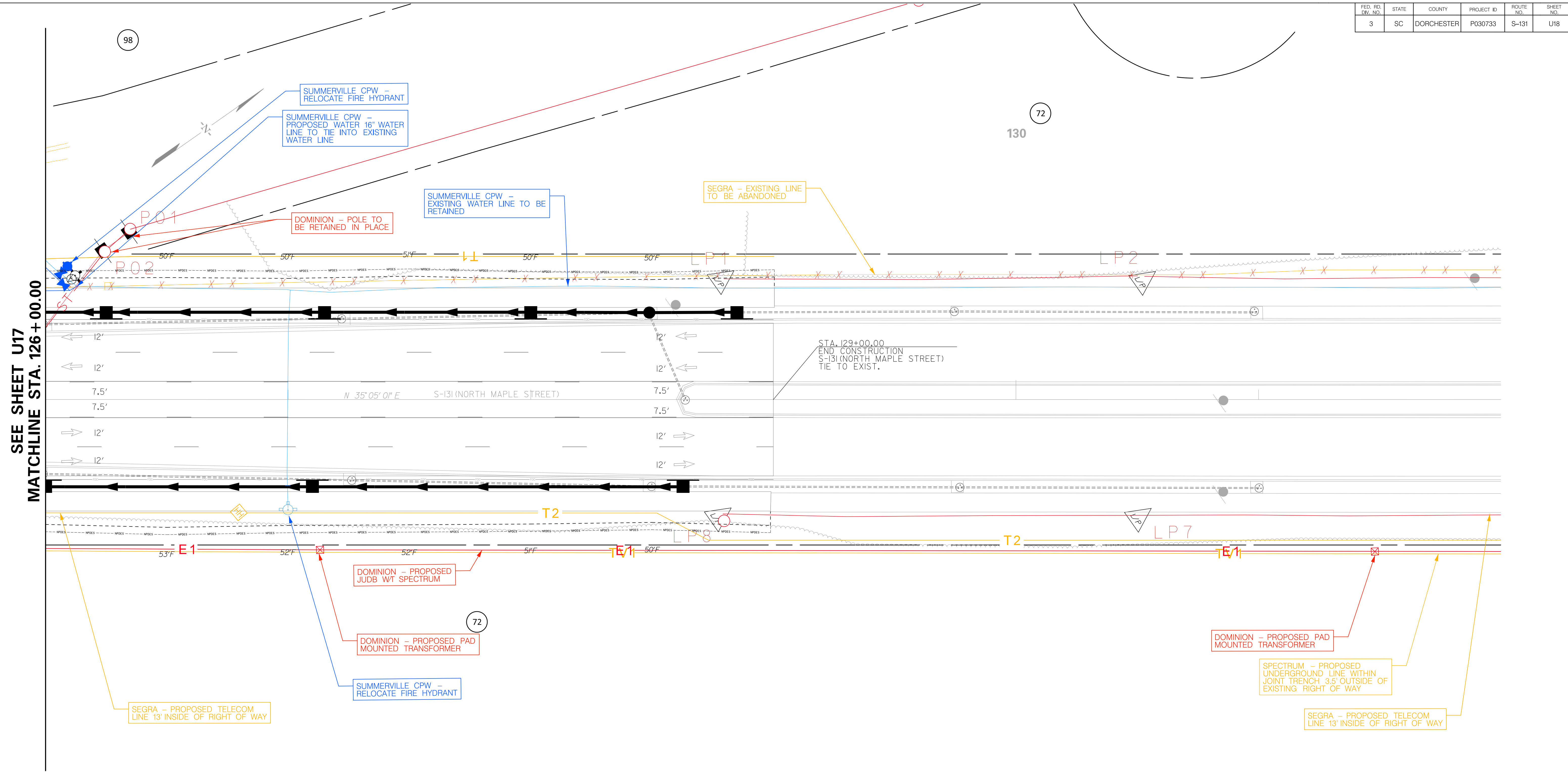
TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
S-131 (NORTH MAPLE STREET)
STA. 120+00.00 TO STA. 126+00.00

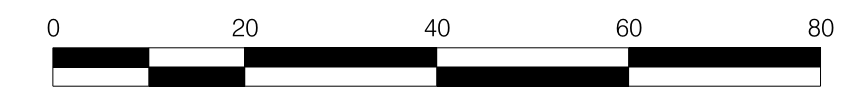
SHEET U17 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U18



SEE SHEET U17
MATCHLINE STA. 126+00.00



NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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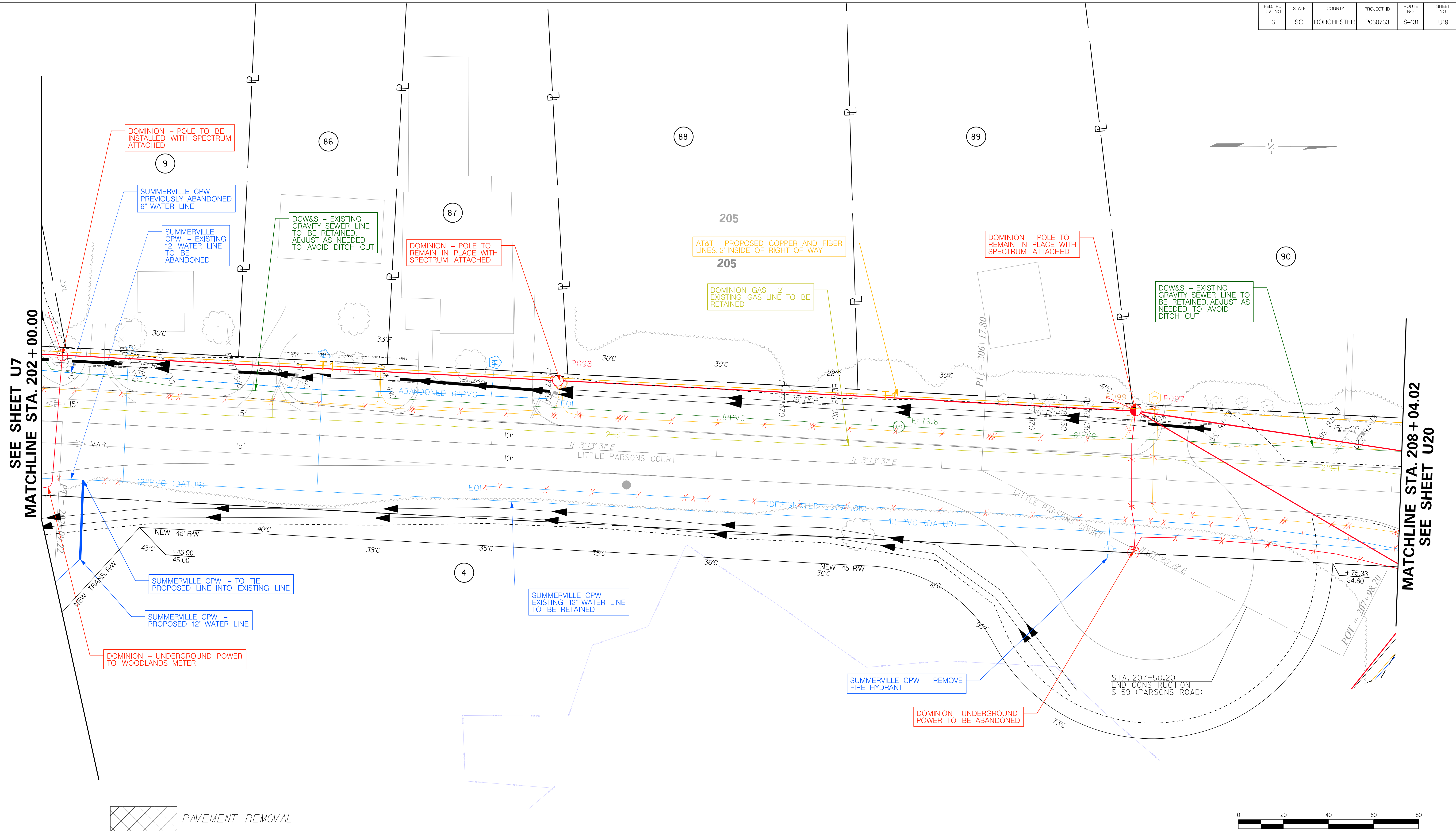
TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
S-131 (NORTH MAPLE STREET)
STA. 126+00.00 TO STA. 128+70.00

SHEET U18 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U19



SEE SHEET U7
MATCHLINE STA. 202 + 00.00

MATCHLINE STA. 208 + 04.02
SEE SHEET U20



NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:		DATE		
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TOWN OF SUMMerville

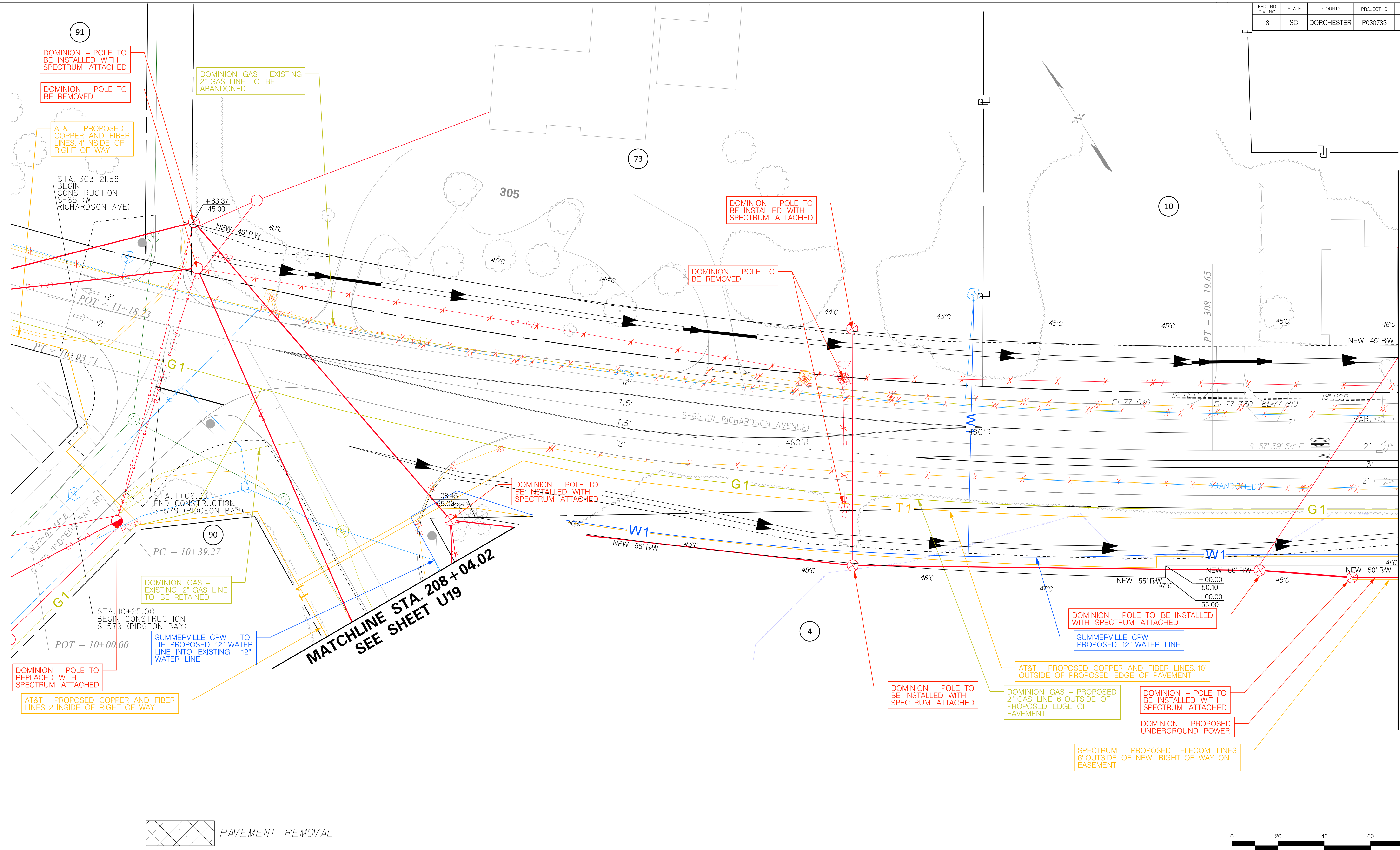
UTILITY RELOCATION SHEETS
S-59 (PARSONS ROAD)
STA. 202+00.00 TO STA. 207+50.20

SHEET U19

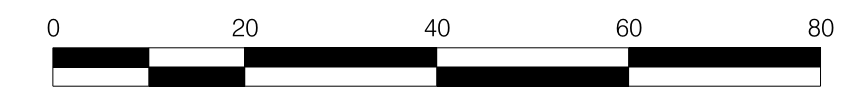
SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U20



PAVEMENT REMOVAL



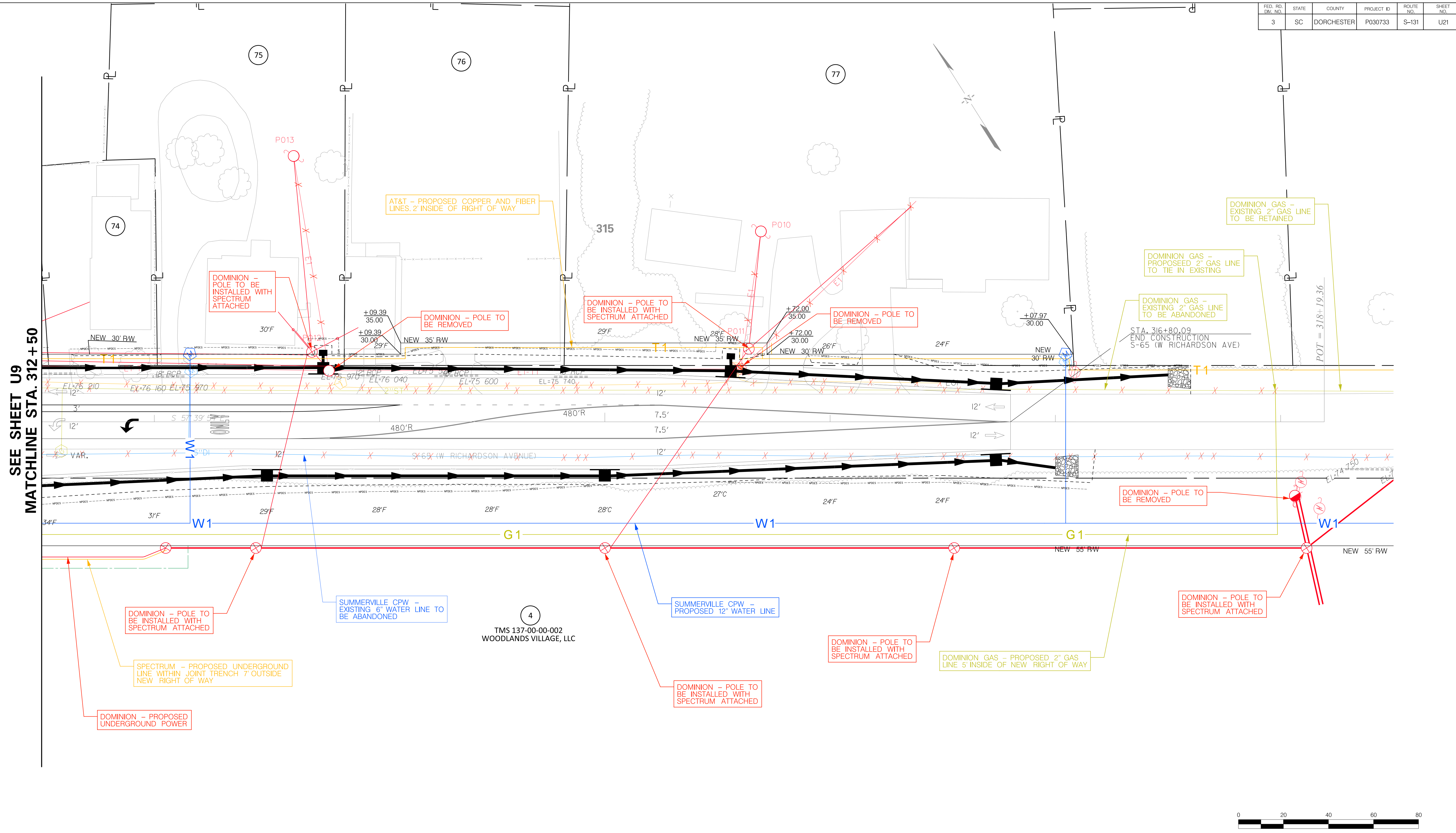
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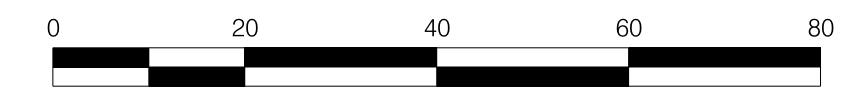
TOWN OF SUMMERVILLE
 UTILITY RELOCATION SHEETS
 S-65 (W RICHARDSON AVENUE)
 STA. 303+21.58 TO STA. 309+00.00
 SHEET U20
 SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U21



SEE SHEET U9
MATCHLINE STA. 312+50



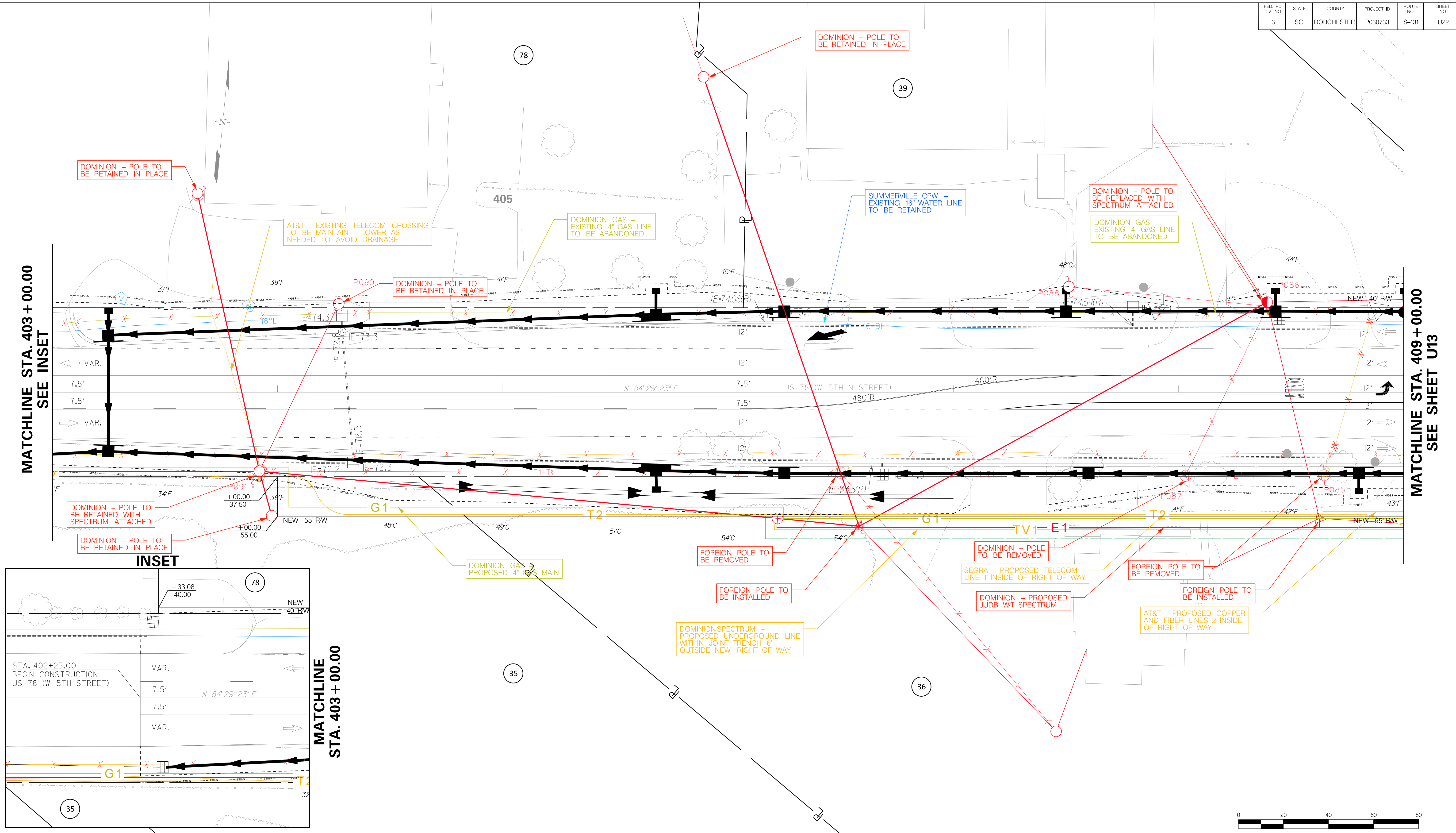
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
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TOWN OF SUMMERVILLE
UTILITY RELOCATION SHEETS
S-65 (W RICHARDSON AVENUE)
STA. 312+50.00 TO STA. 316+49.74
SHEET U21 SCALE: 1" = 20'

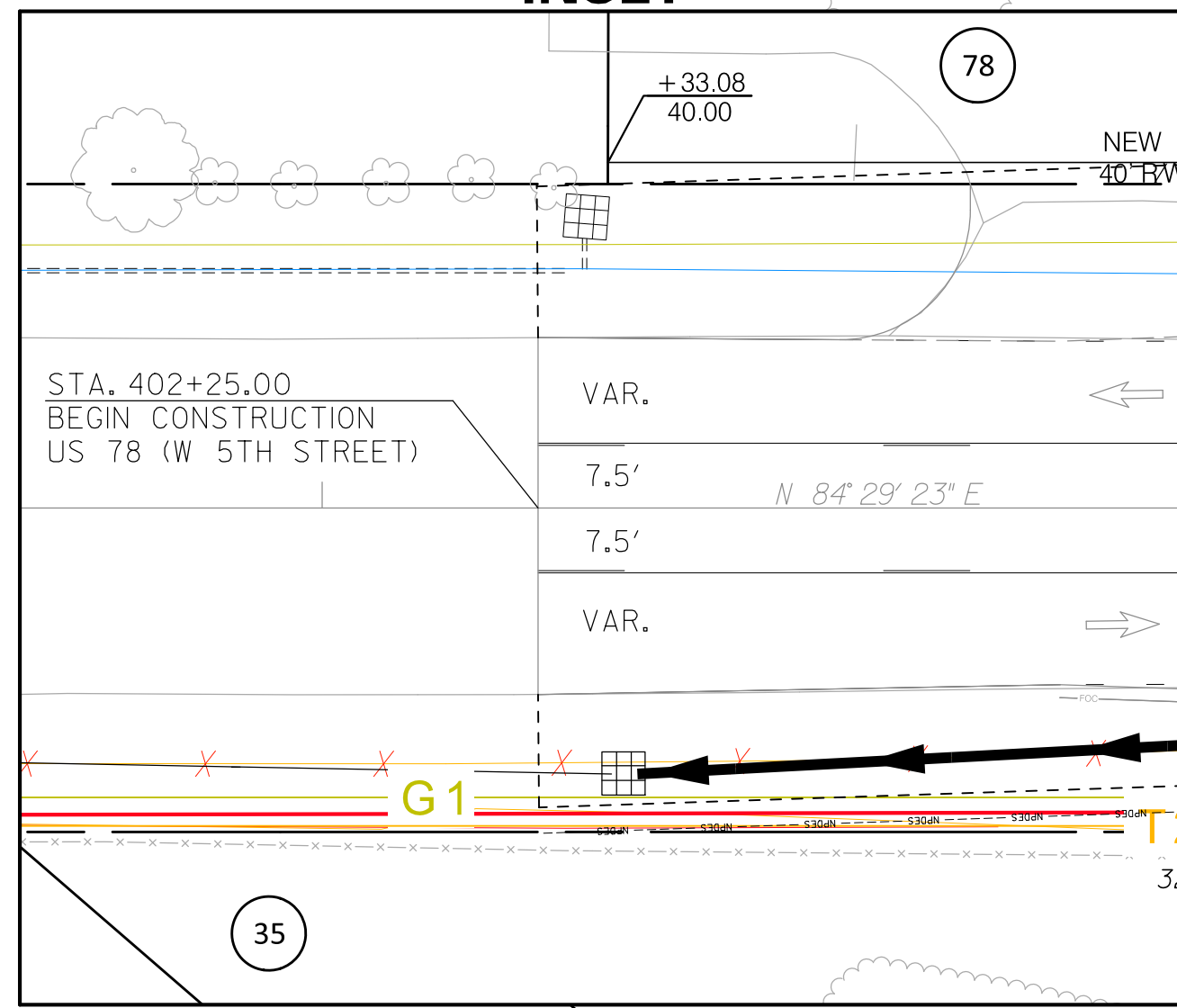
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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U22



MATCHLINE STA. 403 + 00.00
SEE INSET

MATCHLINE STA. 409 + 00.00
SEE SHEET U13



NOT FOR CONSTRUCTION

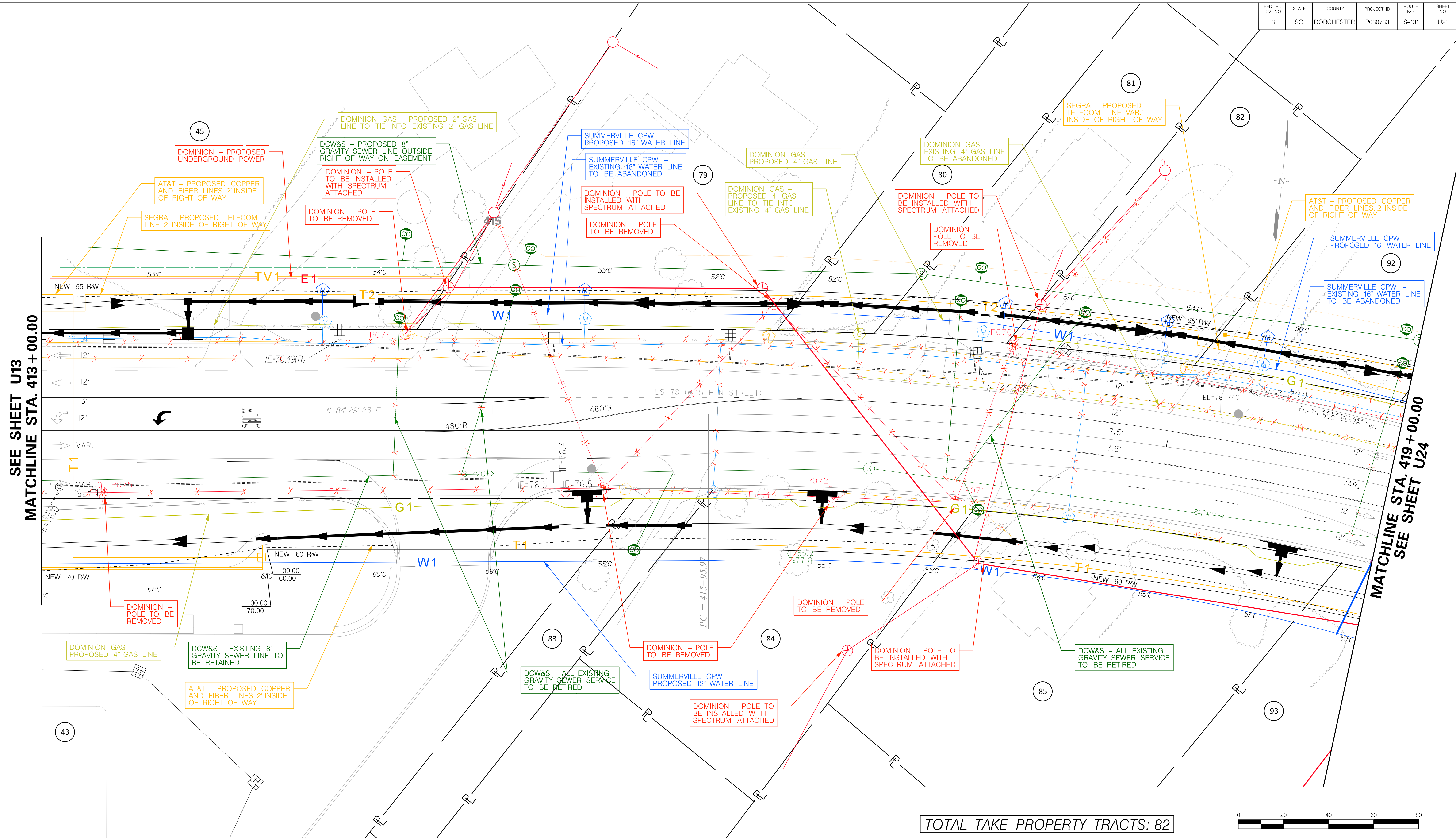
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DESIGNED BY:		DATE		
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TOWN OF SUMMERVILLE

UTILITY RELOCATION SHEETS
US 78 (W 5TH N STREET)
STA. 403+27.90 TO STA. 409+00.00

SHEET U22 SCALE: 1" = 20'

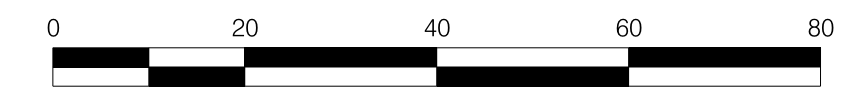
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SEE SHEET U13
MATCHLINE STA. 413+00.00

MATCHLINE STA. 419+00.00
SEE SHEET U24

TOTAL TAKE PROPERTY TRACTS: 82



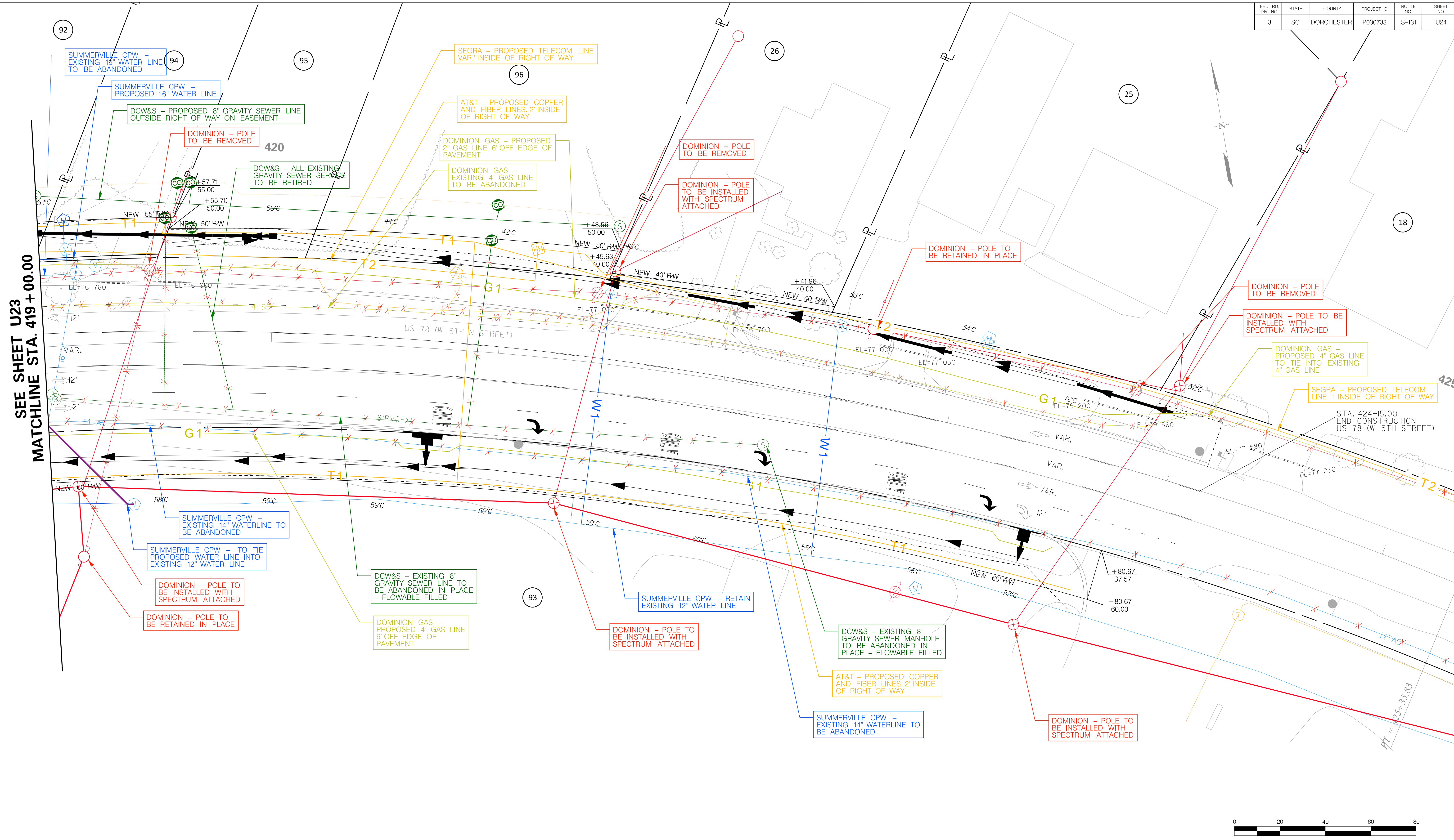
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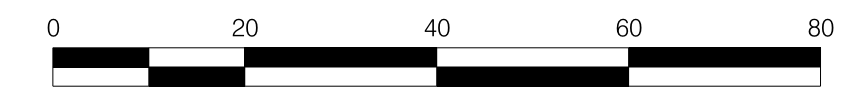
TOWN OF SUMMERVILLE
UTILITY RELOCATION SHEETS
US 78 (W 5TH N STREET)
STA. 413+00.00 TO STA. 419+00.00
SHEET U23
SCALE: 1" = 20'

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FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P030733	S-131	U24



SEE SHEET U23
MATCHLINE STA. 419 + 00.00

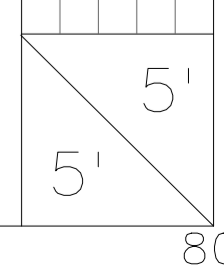
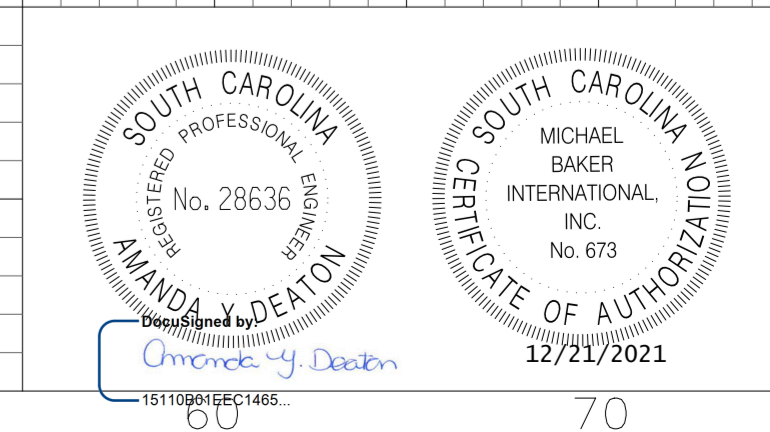
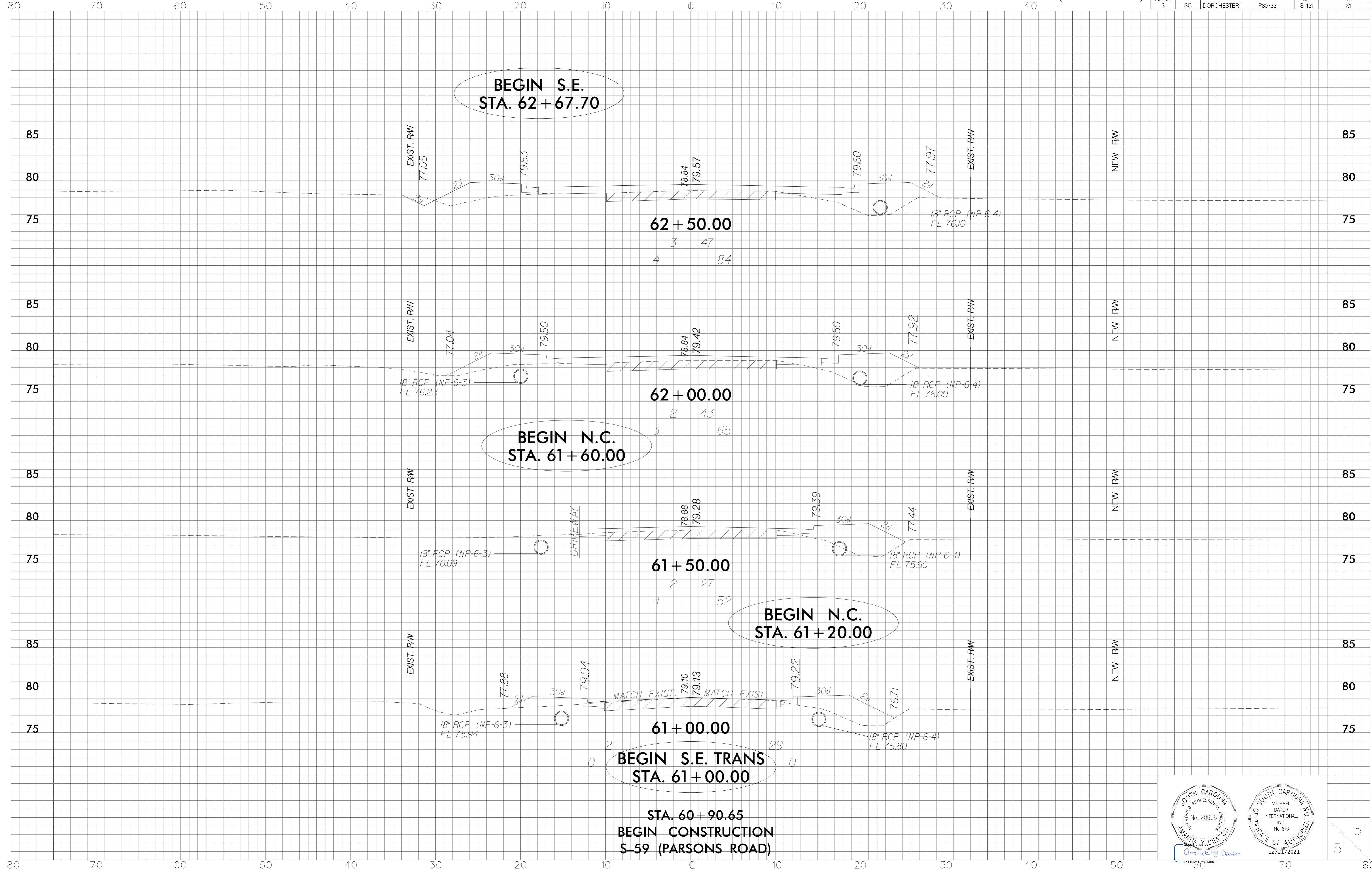


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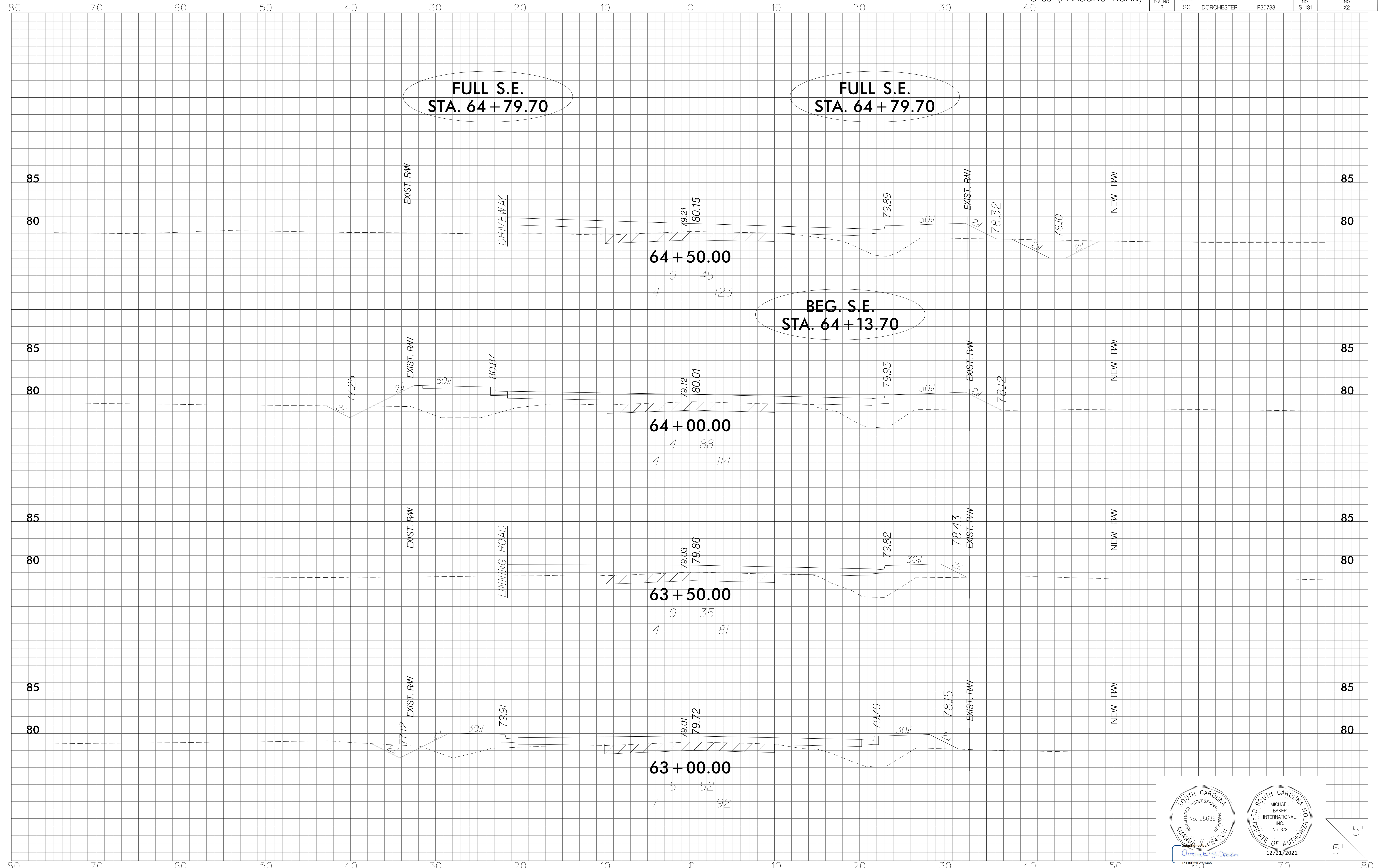
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TOWN OF SUMMERVILLE
 UTILITY RELOCATION SHEETS
 US 78 (W 5TH N STREET)
 STA. 419+00.00 TO STA 424+15.00
 SHEET U24 SCALE: 1" = 20'

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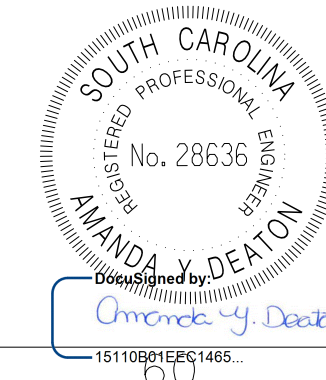
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3	SC	DORCHESTER	P30733	S-131	X2



FULL S.E.
STA. 64+79.70

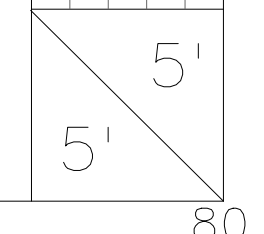
FULL S.E.
STA. 64+79.70

BEG. S.E.
STA. 64+13.70

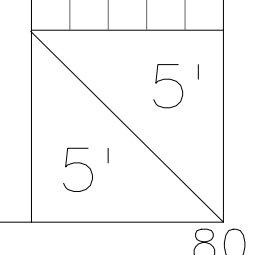
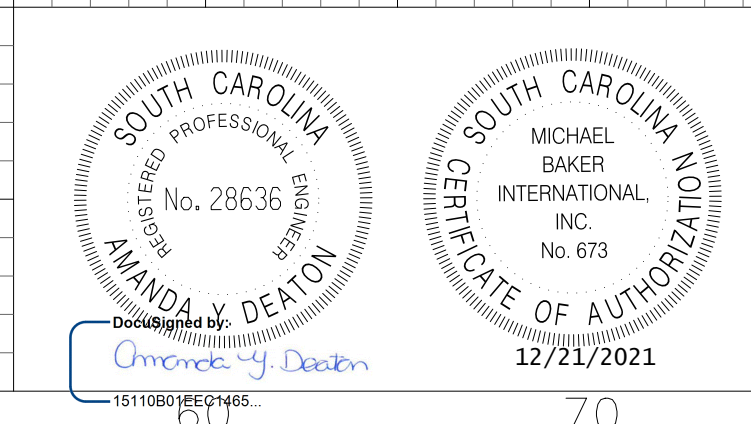
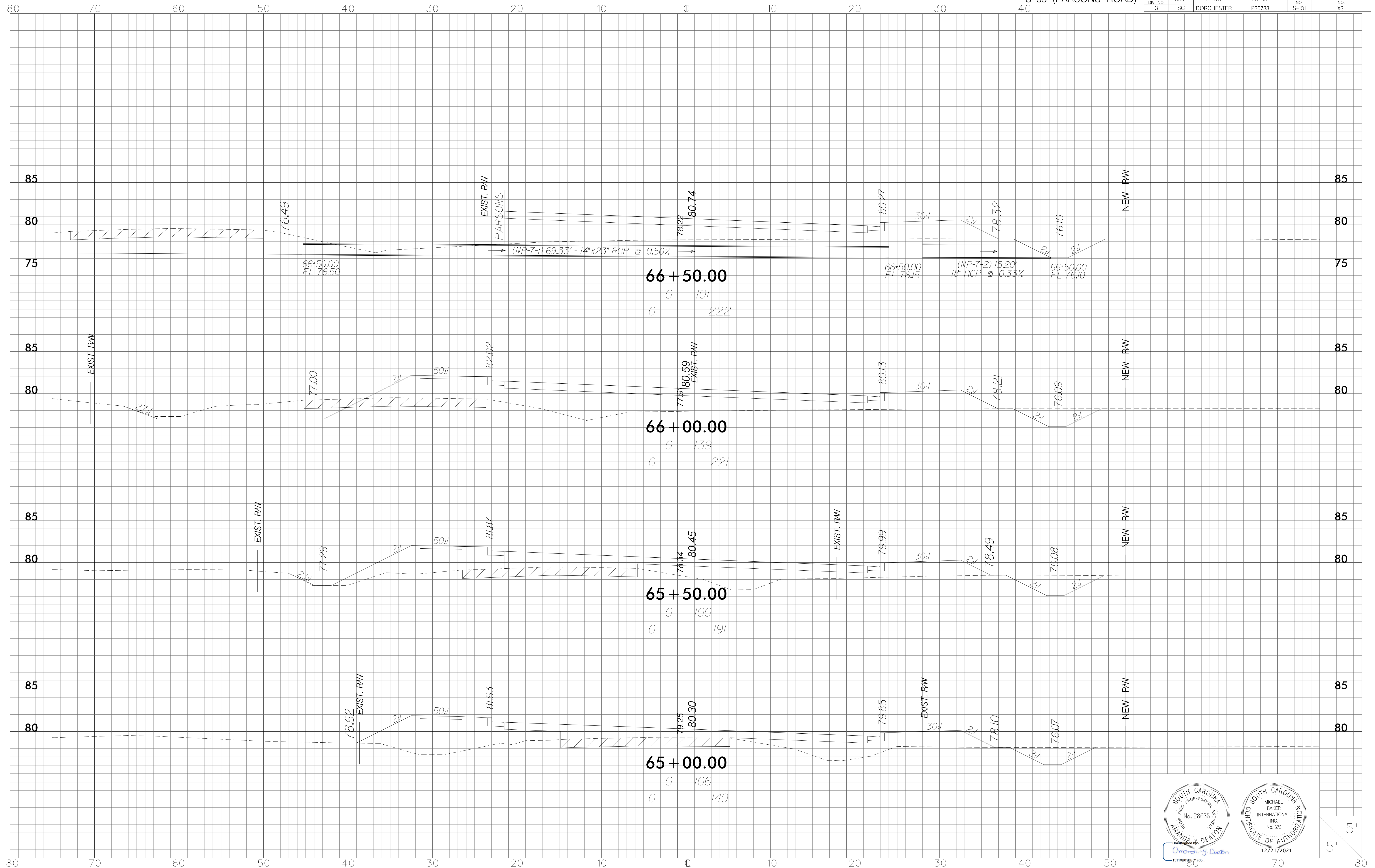


151180150PC1465
Amanda J. Deaton

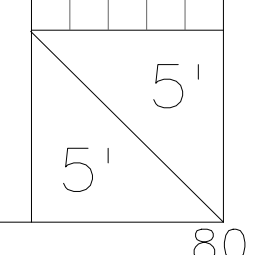
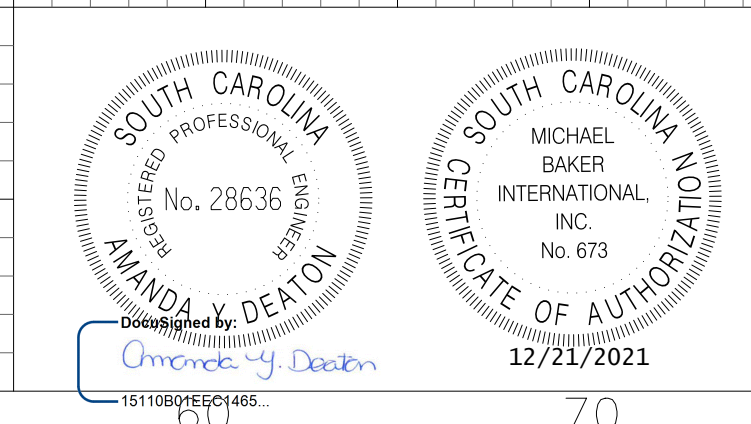
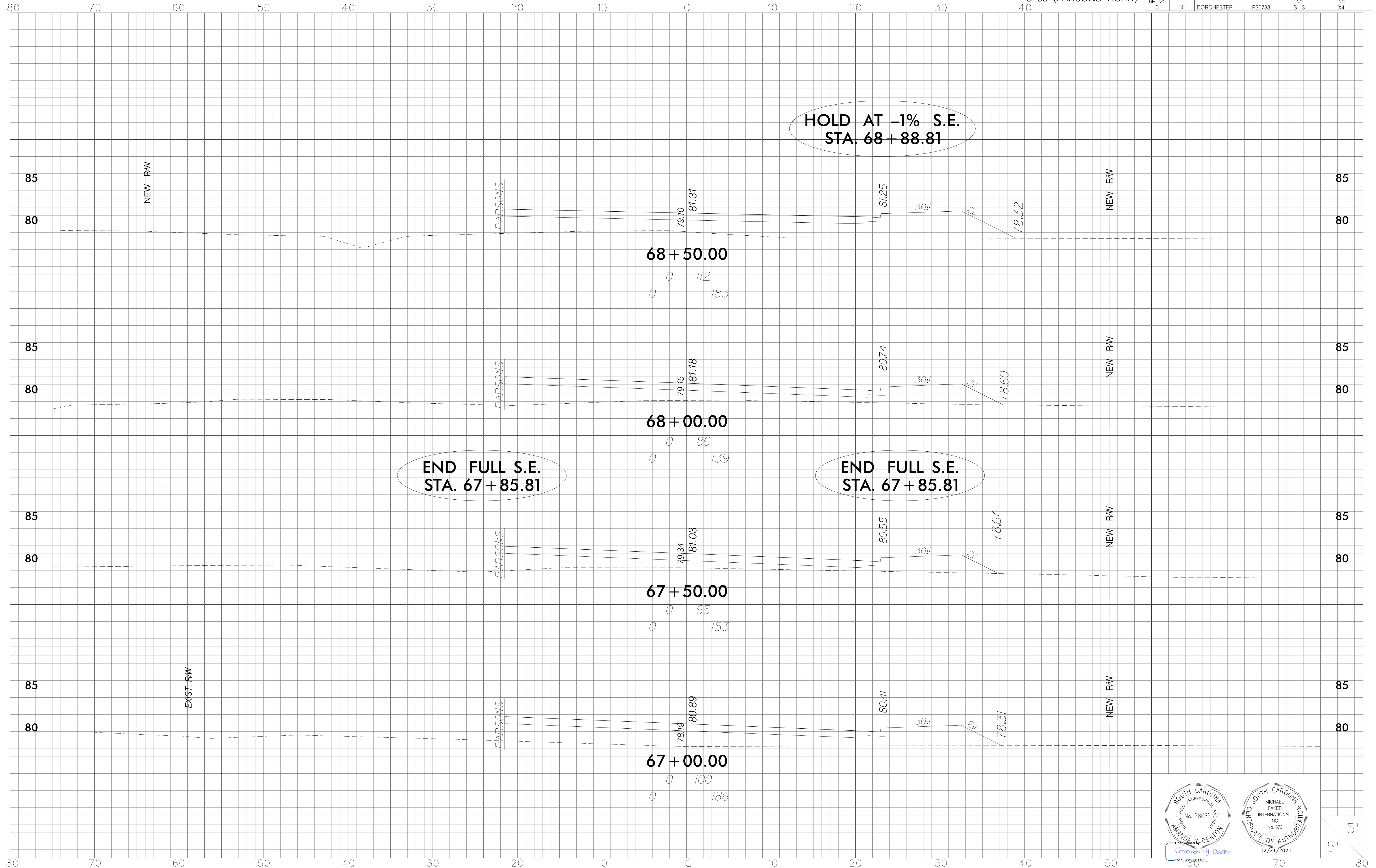
12/21/2021



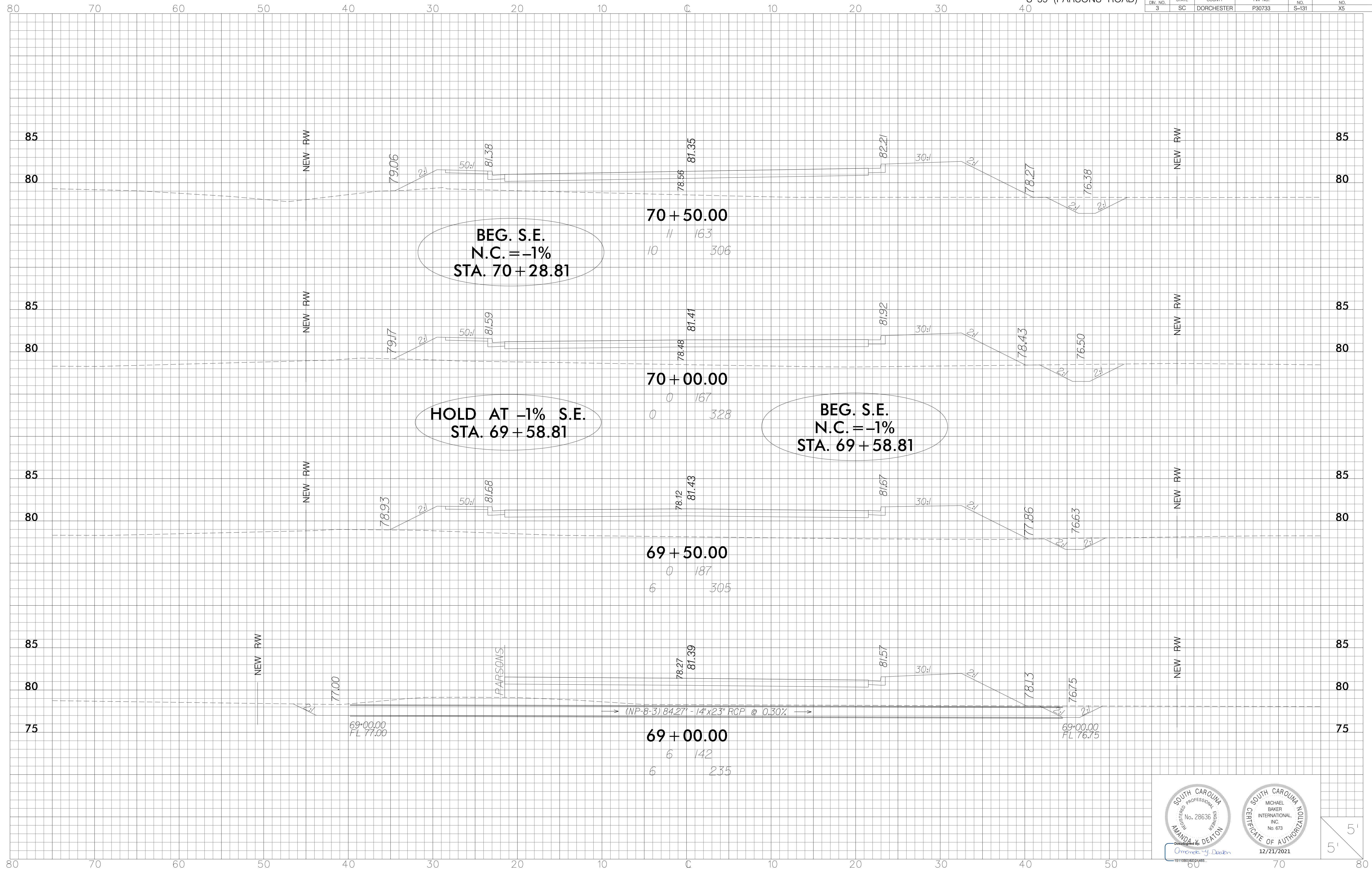
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3	SC	DORCHESTER	P30733	S-131	X3



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3	SC	DORCHESTER	P30733	S-131	X4



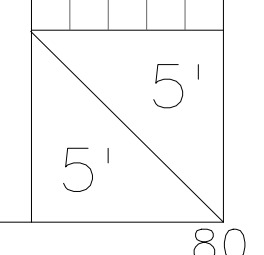
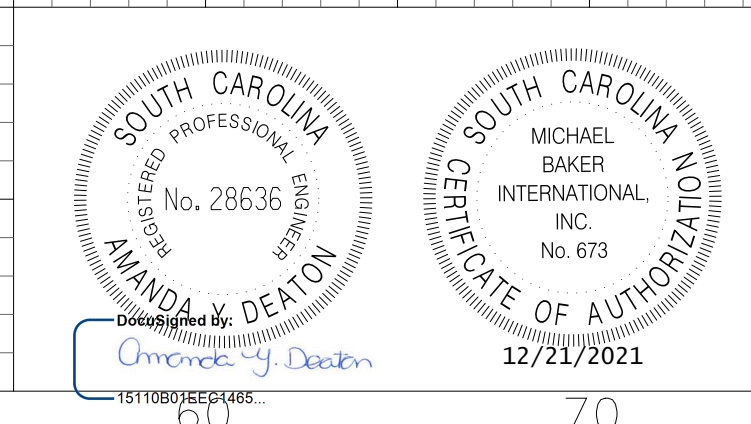
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3	SC	DORCHESTER	P30733	S-131	X5



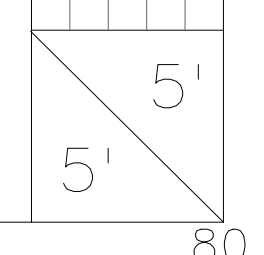
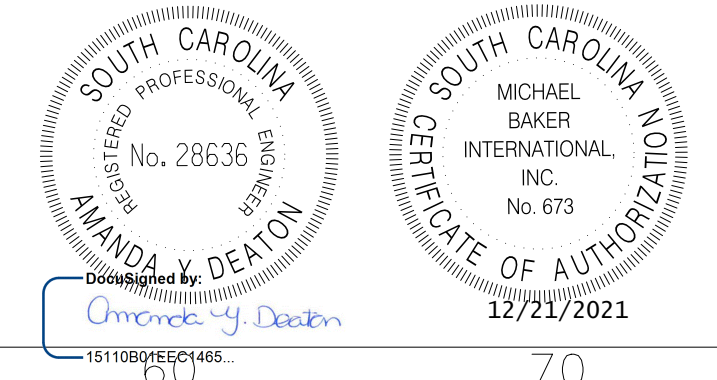
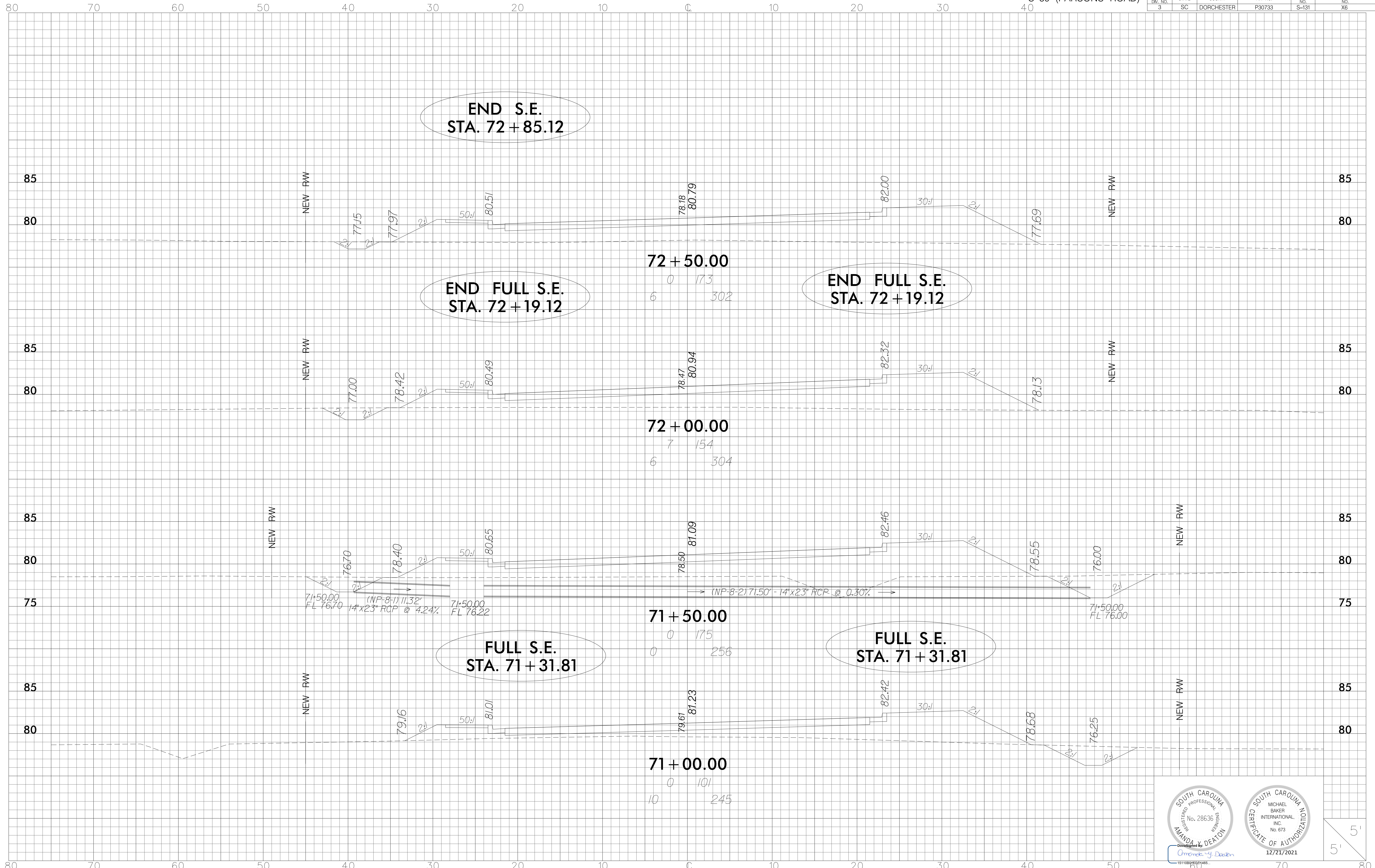
BEG. S.E.
N.C. = -1%
STA. 70+28.81

HOLD AT -1% S.E.
STA. 69+58.81

BEG. S.E.
N.C. = -1%
STA. 69+58.81

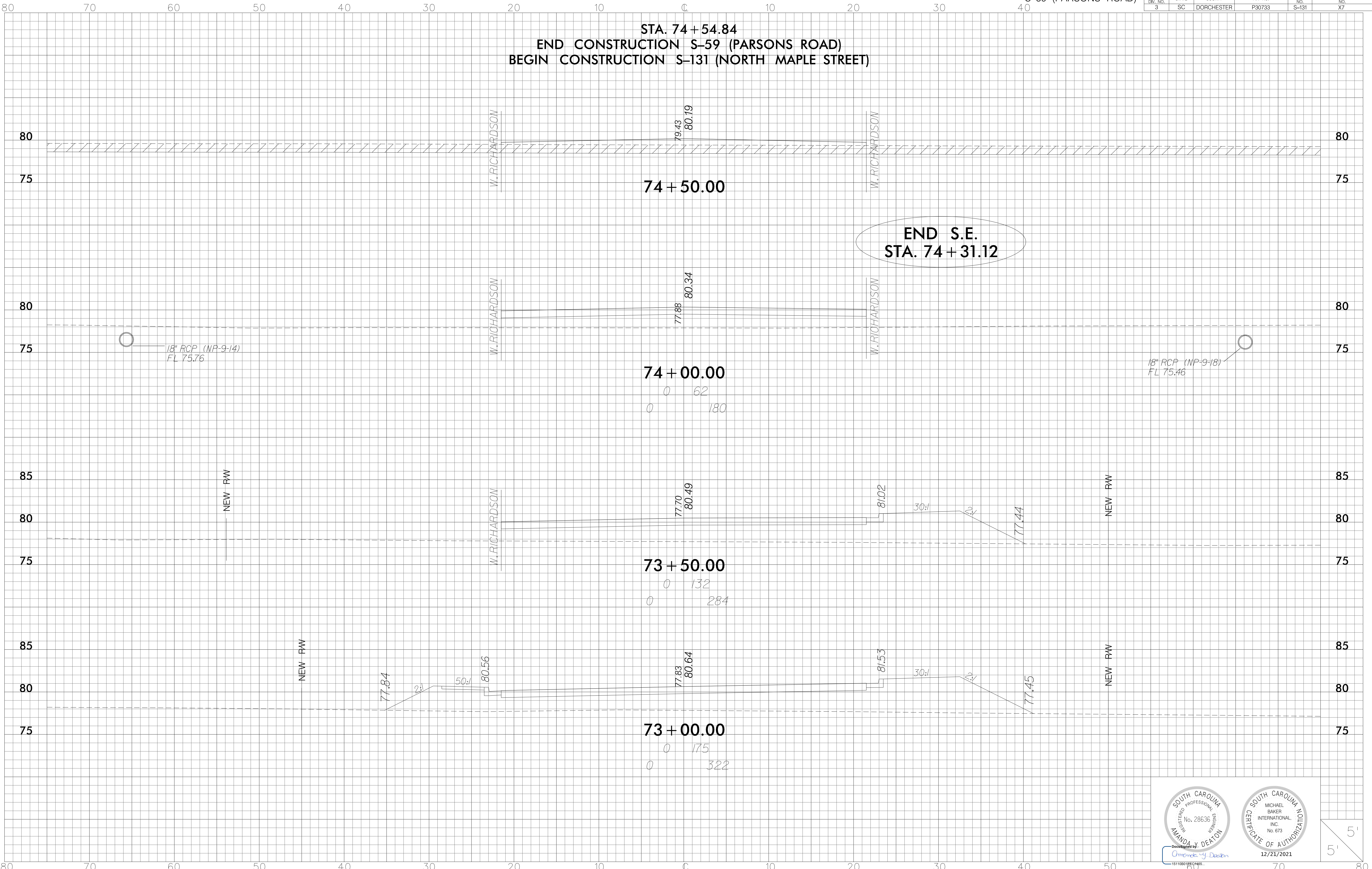


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3	SC	DORCHESTER	P30733	S-131	X6

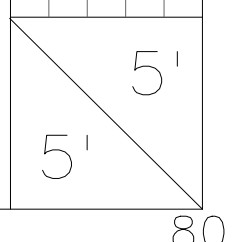


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3	SC	DORCHESTER	P30733	S-131	X7

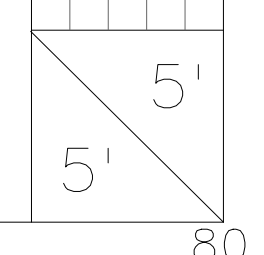
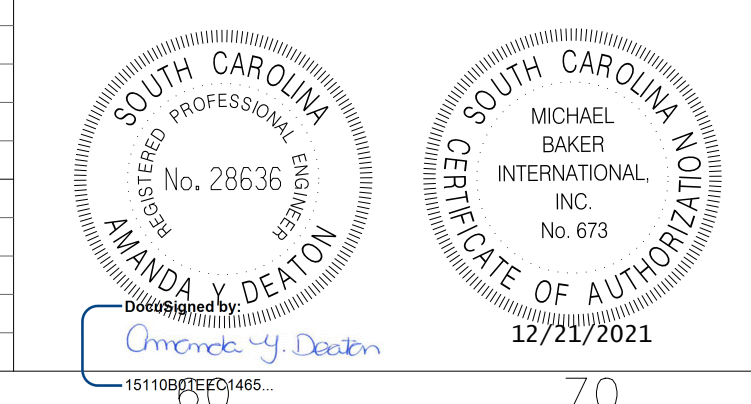
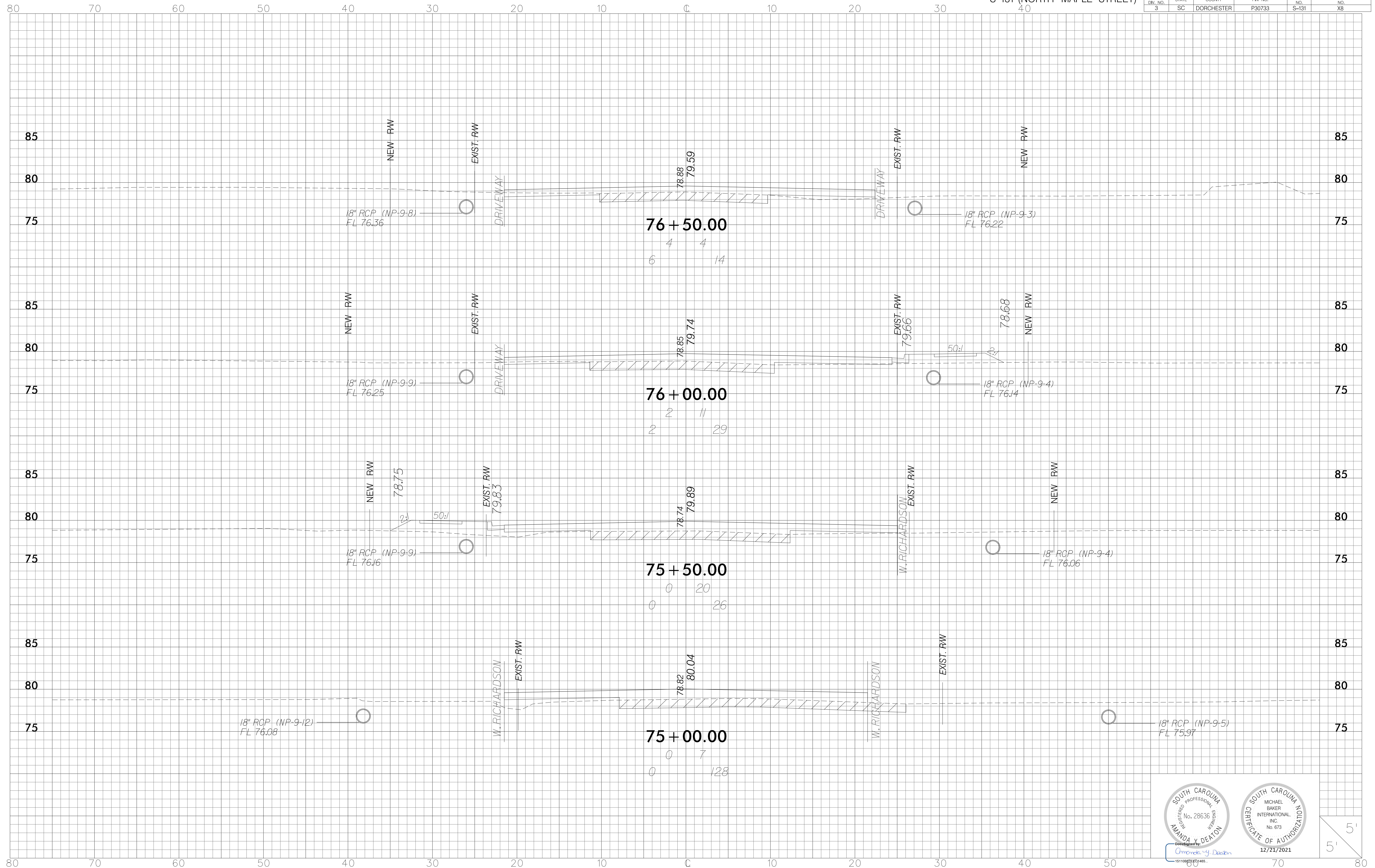
STA. 74 + 54.84
 END CONSTRUCTION S-59 (PARSONS ROAD)
 BEGIN CONSTRUCTION S-131 (NORTH MAPLE STREET)



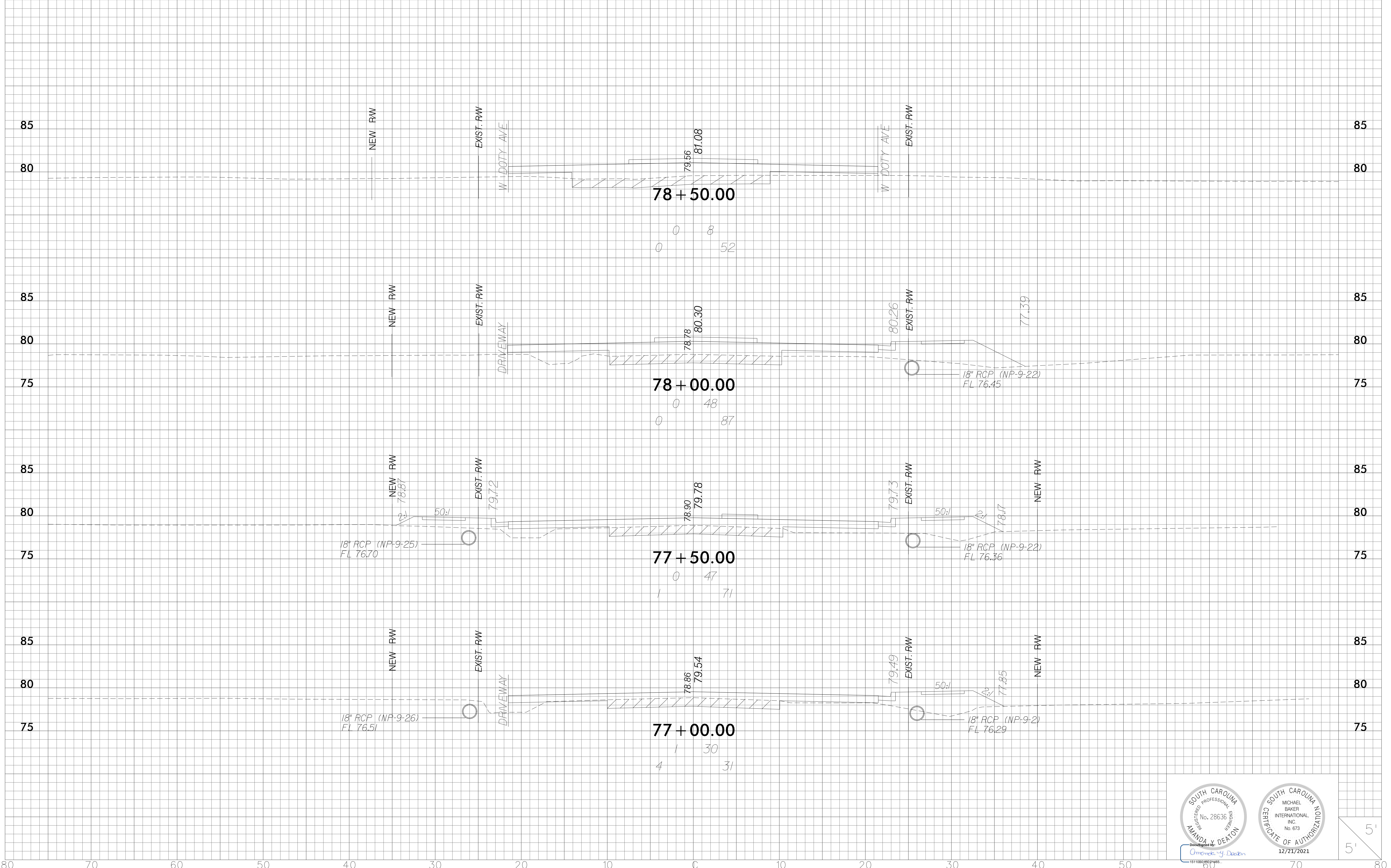
END S.E.
 STA. 74 + 31.12



FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X8

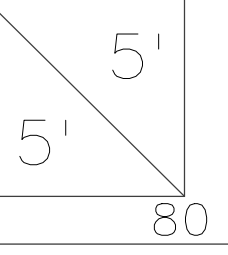


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X9

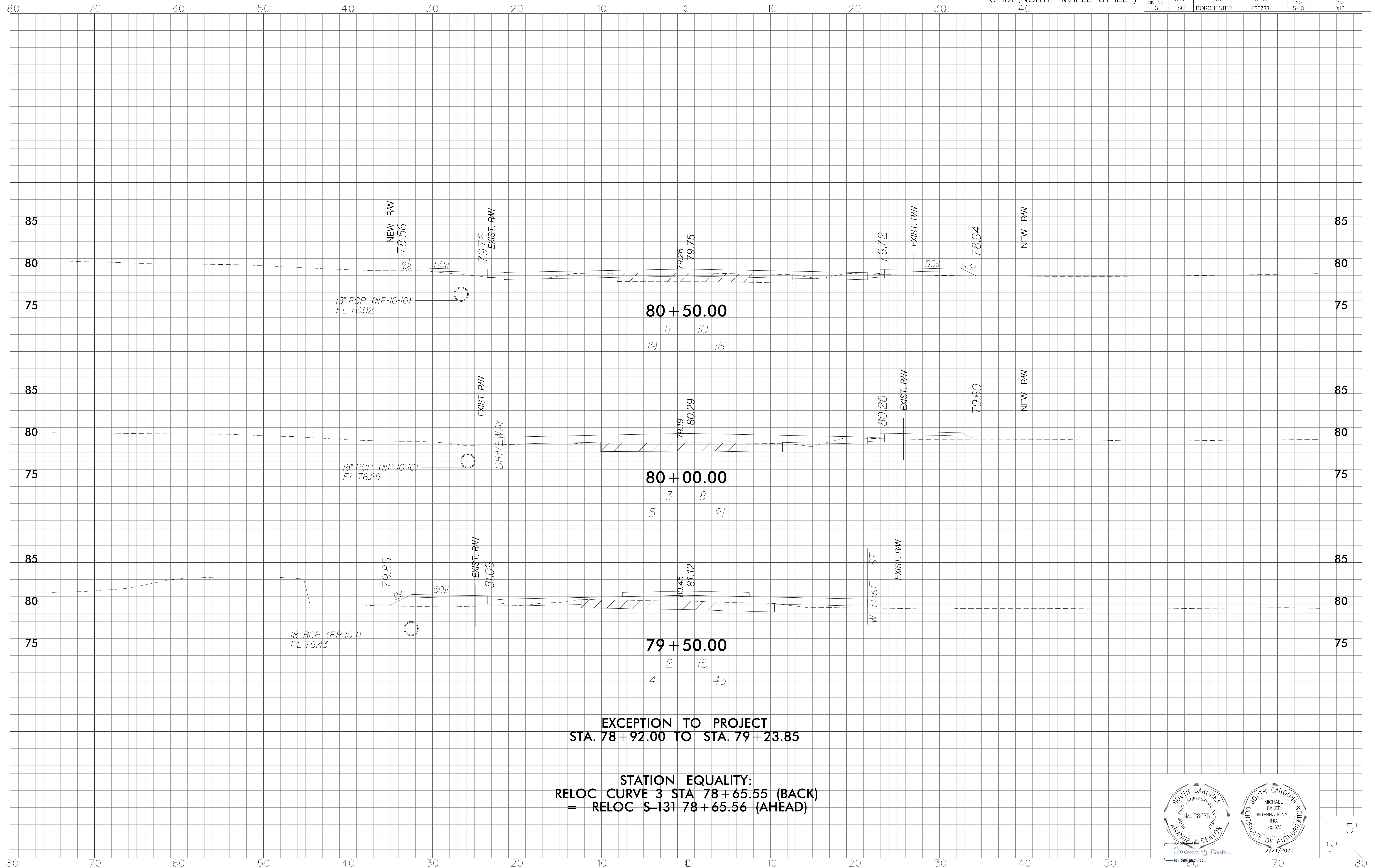


AMANDA Y. DEATON
1511080/EE1465

MICHAEL BAKER INTERNATIONAL, INC.
12/21/2021

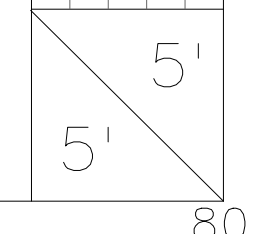
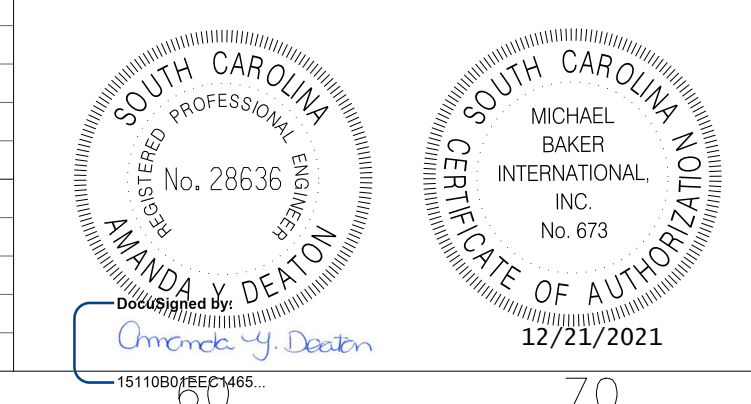


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X10

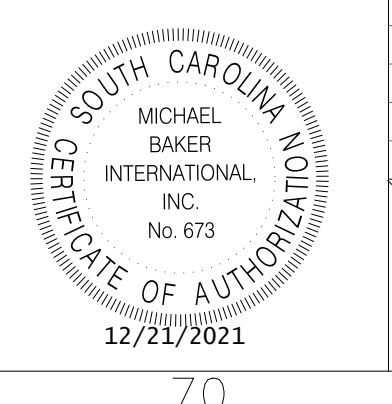
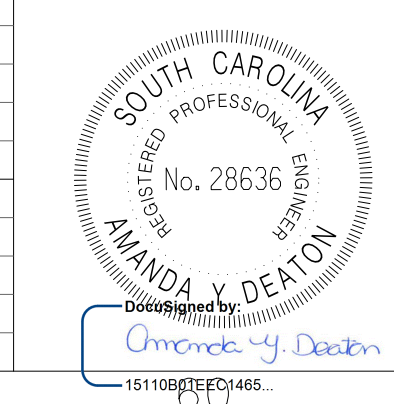
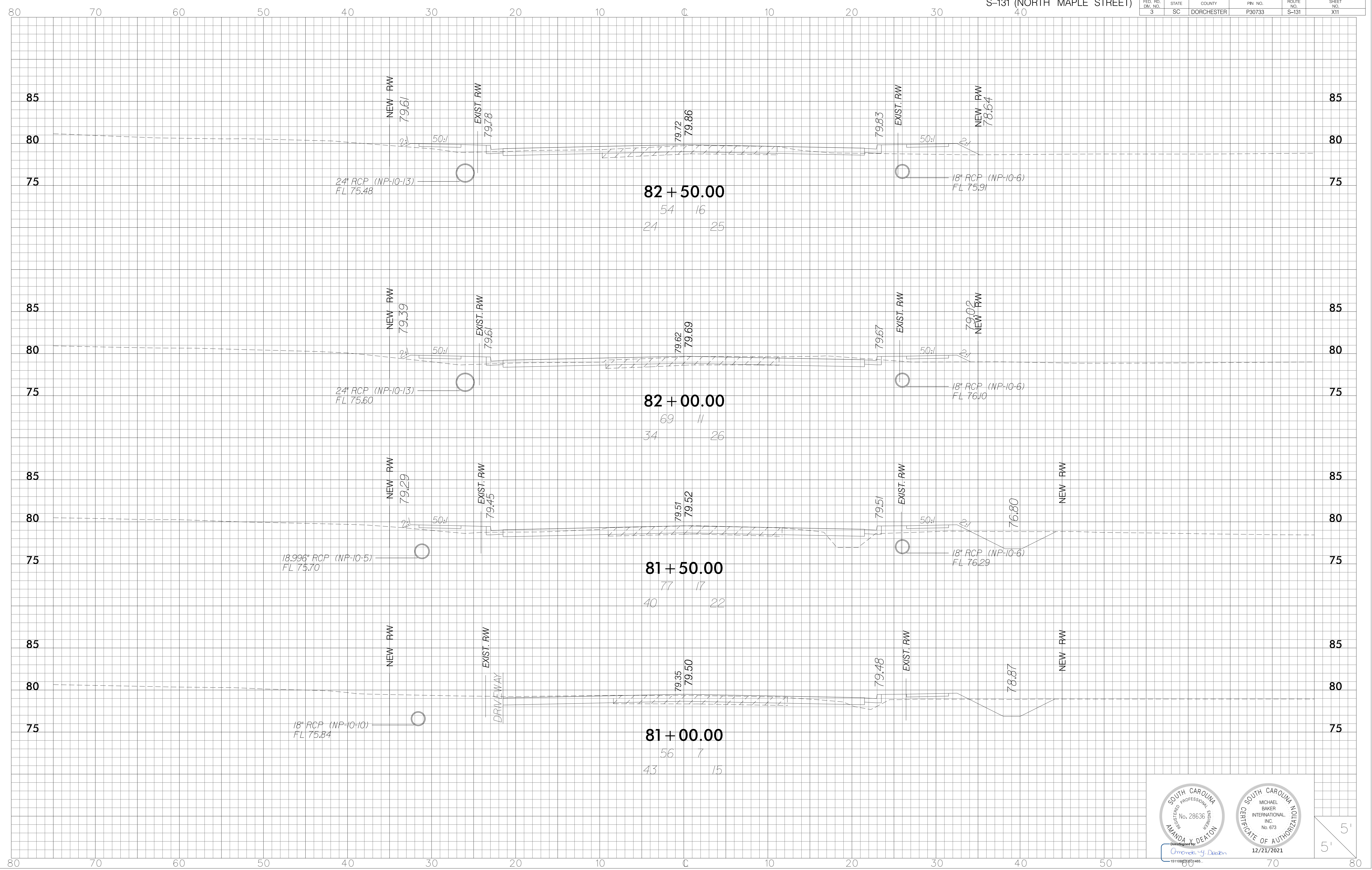


EXCEPTION TO PROJECT
STA. 78+92.00 TO STA. 79+23.85

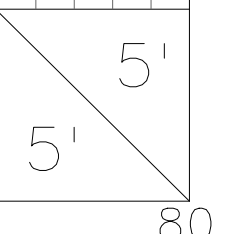
STATION EQUALITY:
RELOC CURVE 3 STA 78+65.55 (BACK)
= RELOC S-131 78+65.56 (AHEAD)



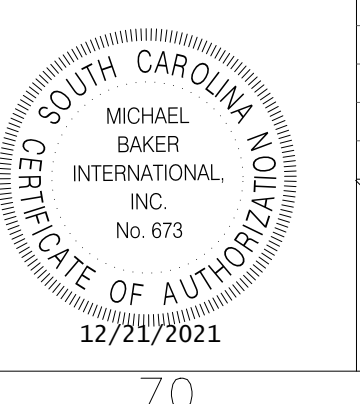
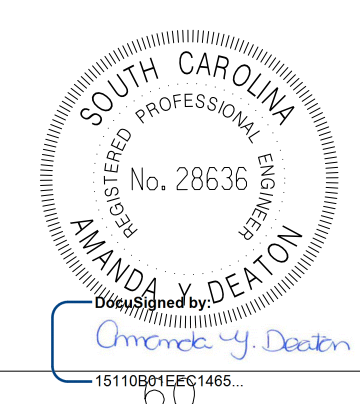
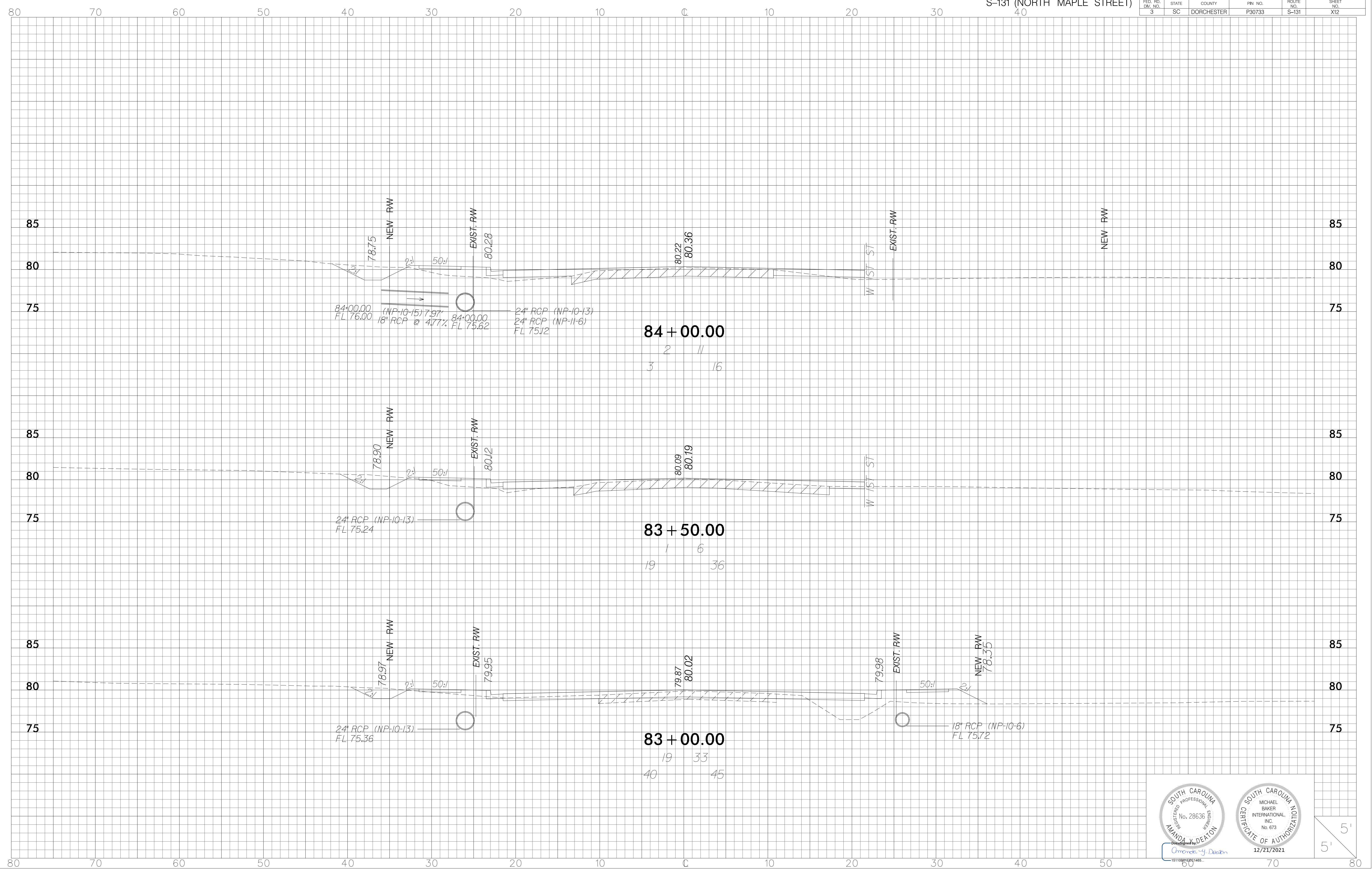
FED. RD. DIST. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X11



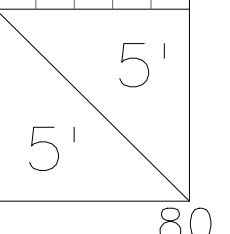
12/21/2021
15110672021465



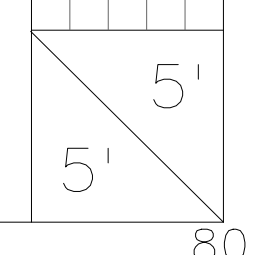
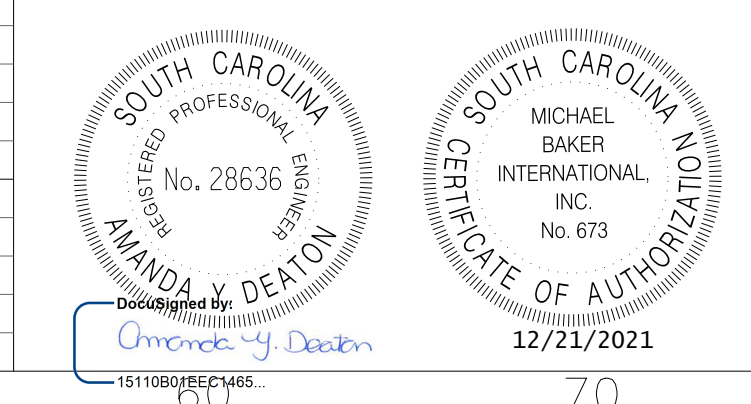
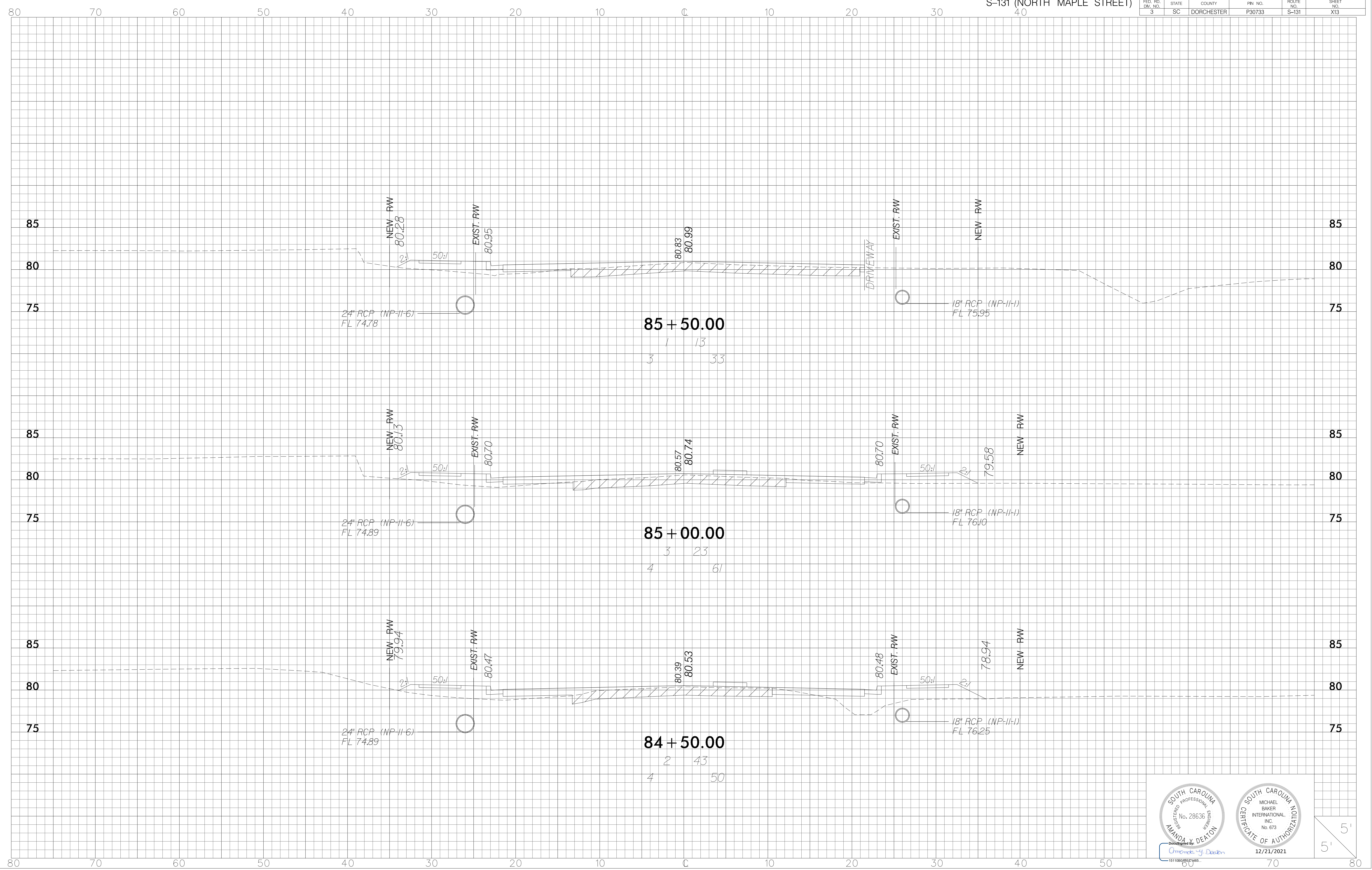
FED. RD. DIST. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X12



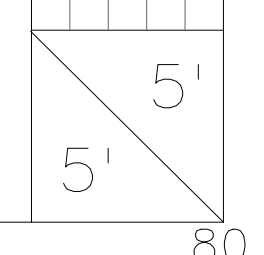
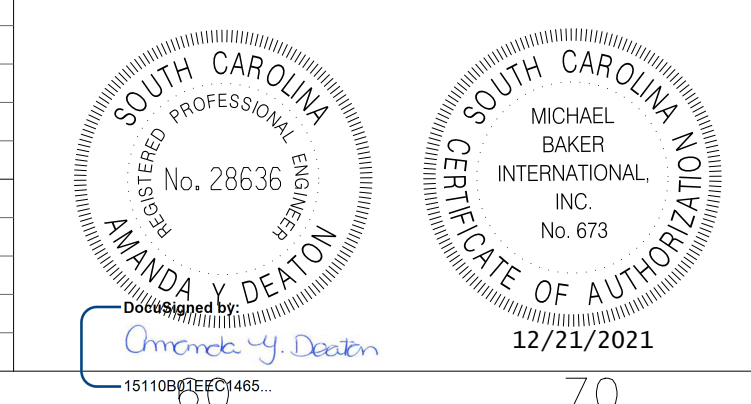
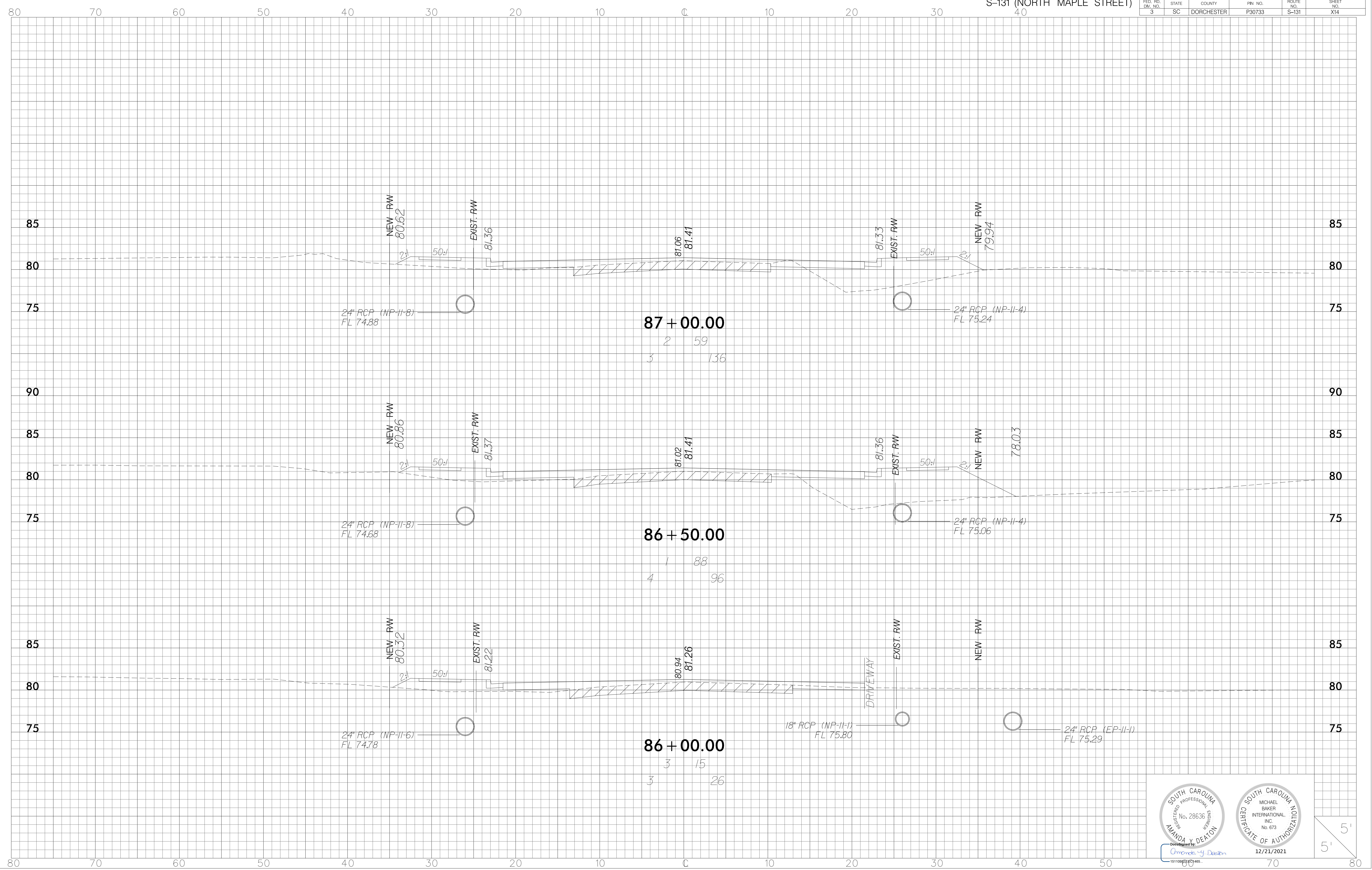
15118015001465
12/21/2021



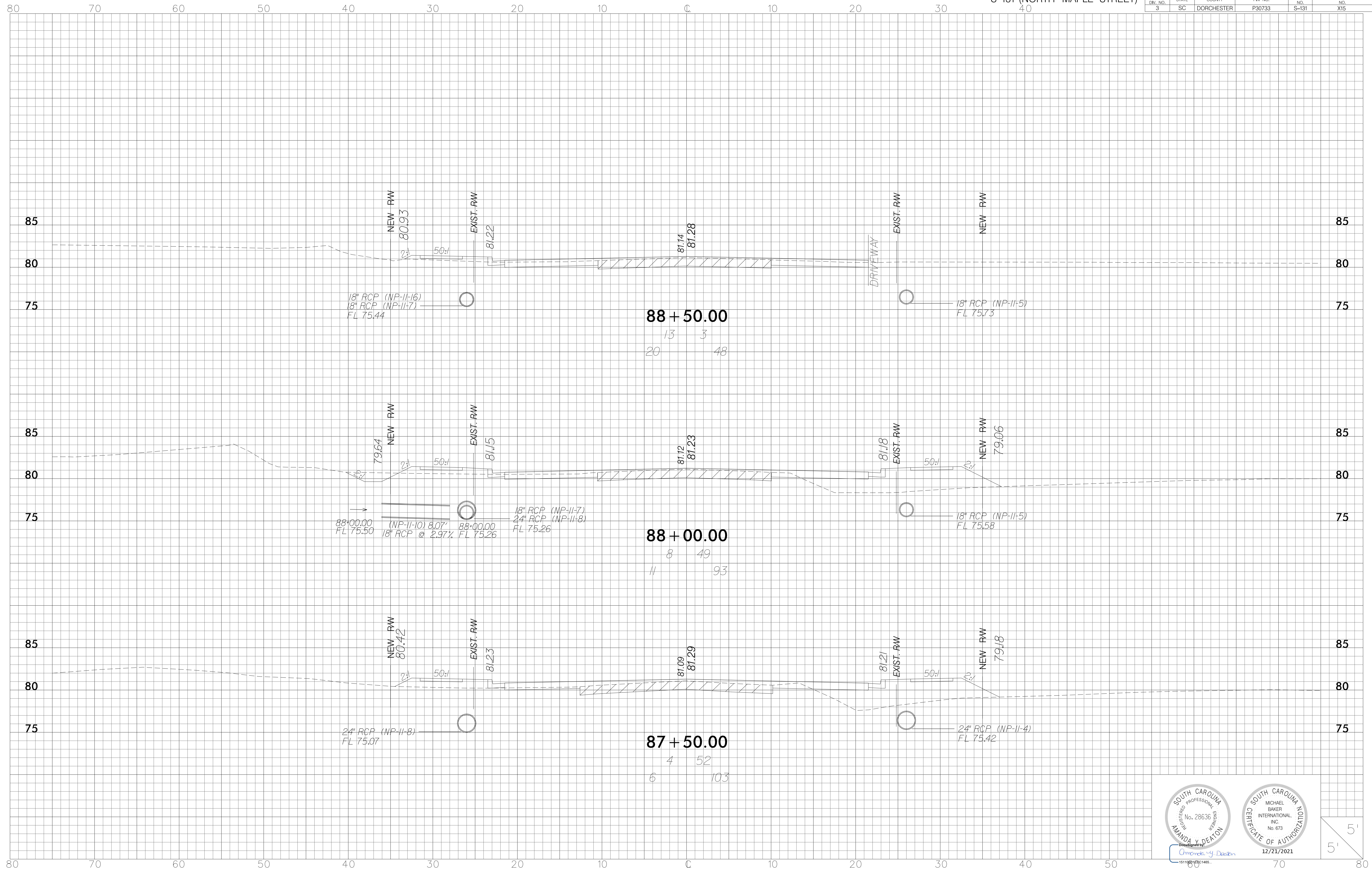
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X13



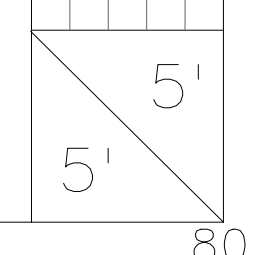
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X14



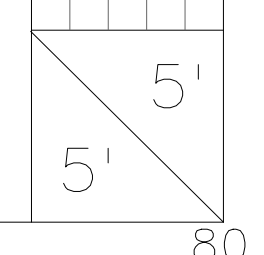
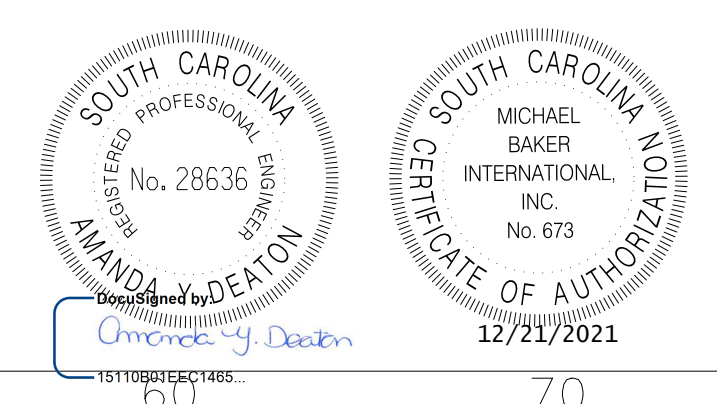
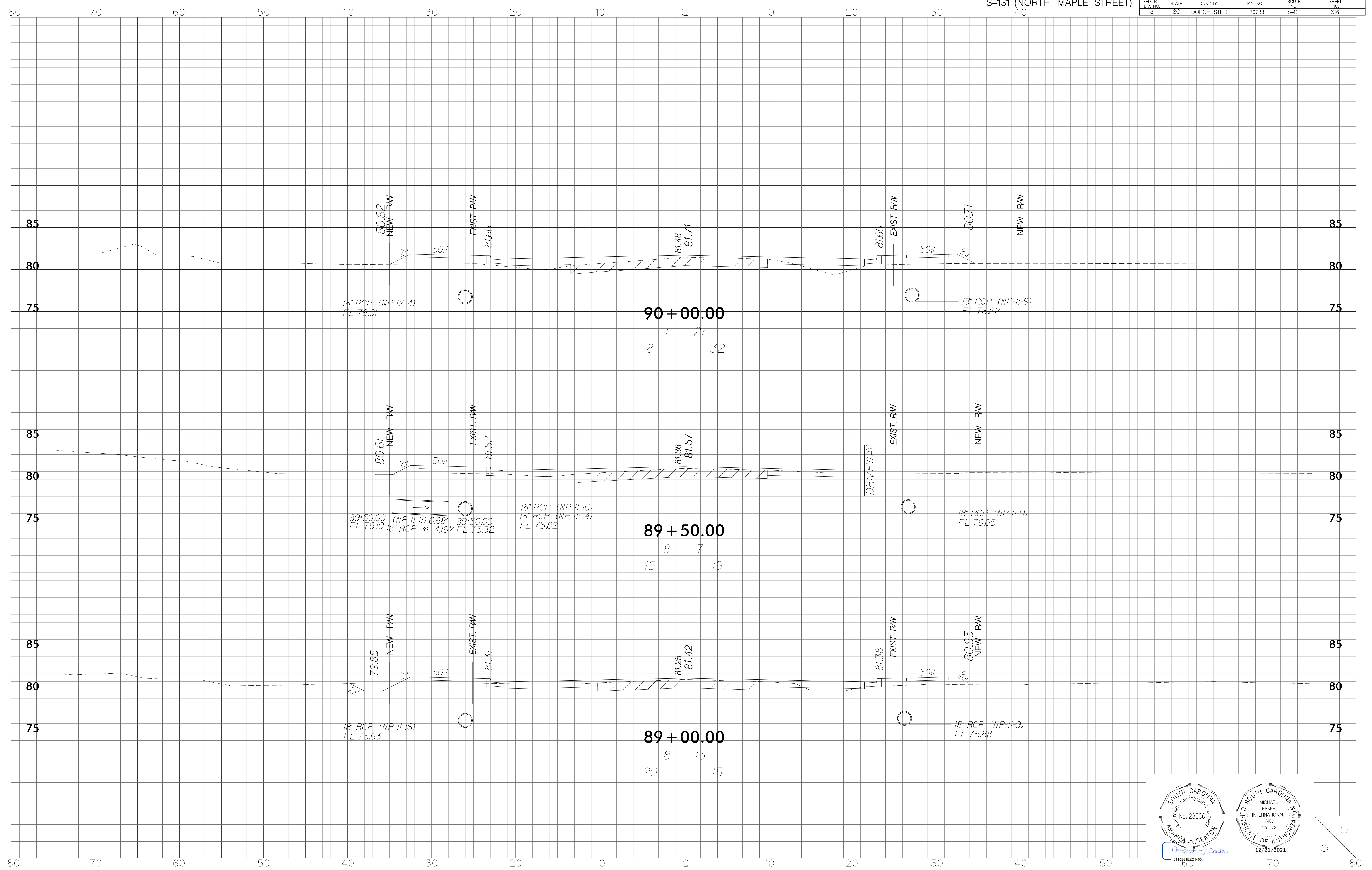
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X15



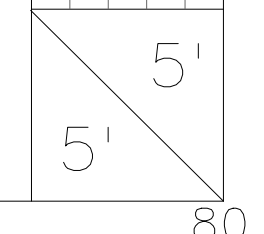
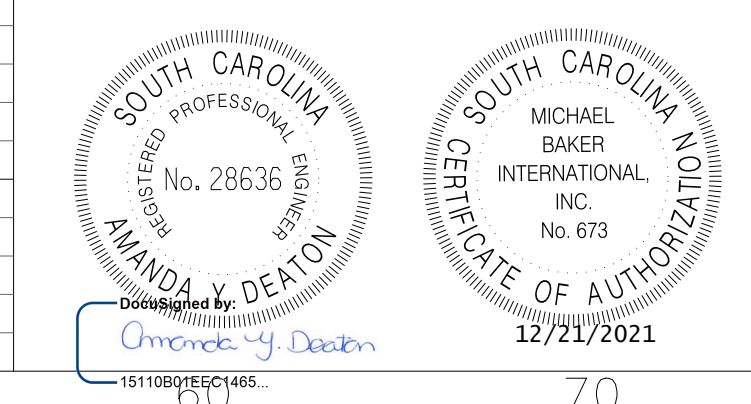
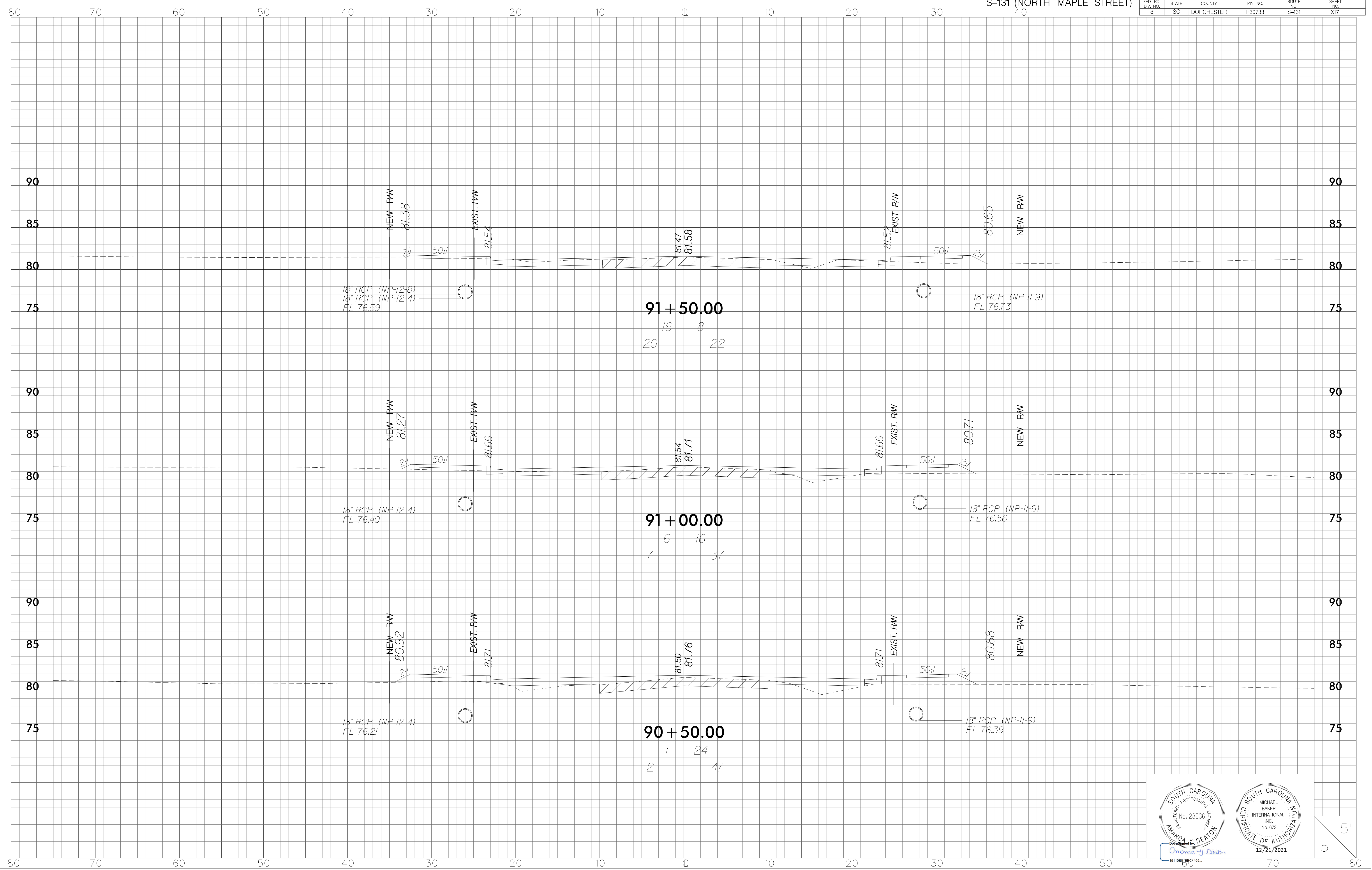
Professional Engineer Seal for Michael Baker International, Inc. (No. 28636) and Registered Professional Engineer Seal for Amanda V. Deaton (No. 673). The seal for Amanda V. Deaton is dated 12/21/2021.



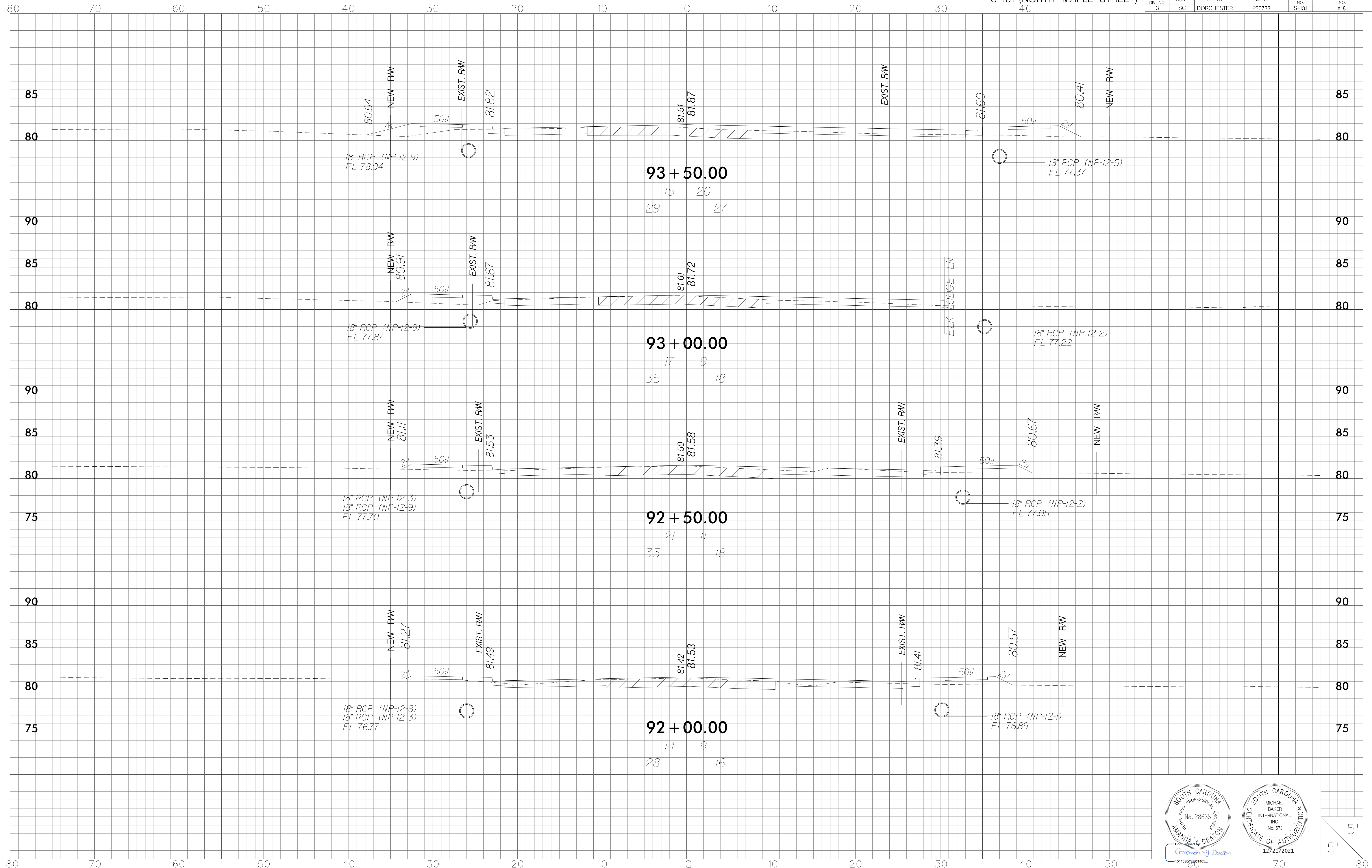
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X16



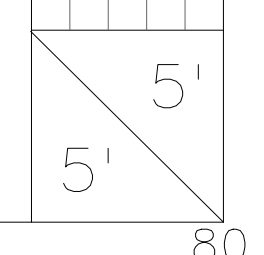
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X17



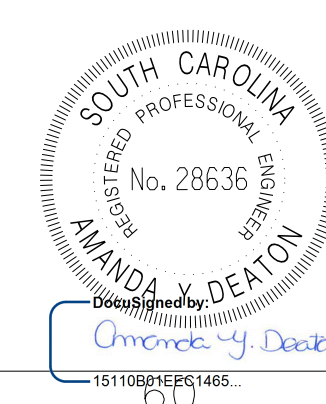
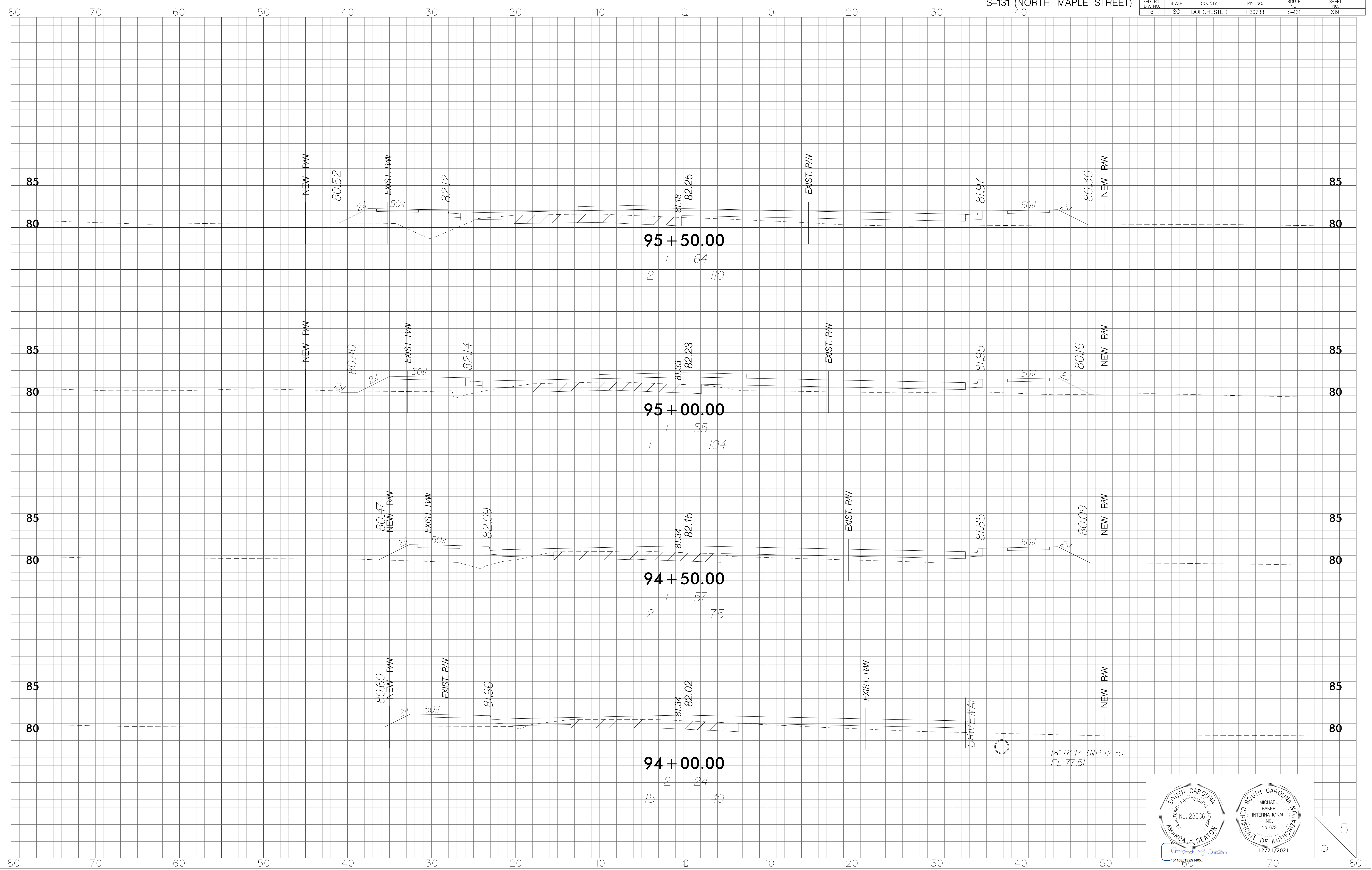
FED. RD. DIST. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X18



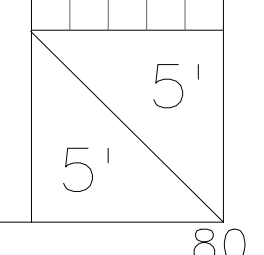
Professional Engineer Seal for Amanda V. Deaton, South Carolina, No. 28636. Registered Professional Engineer Seal for Michael Baker International, Inc., No. 673. Certificate of Authorization No. 12/21/2021. Date: 12/21/2021. Prepared by: Amanda V. Deaton.



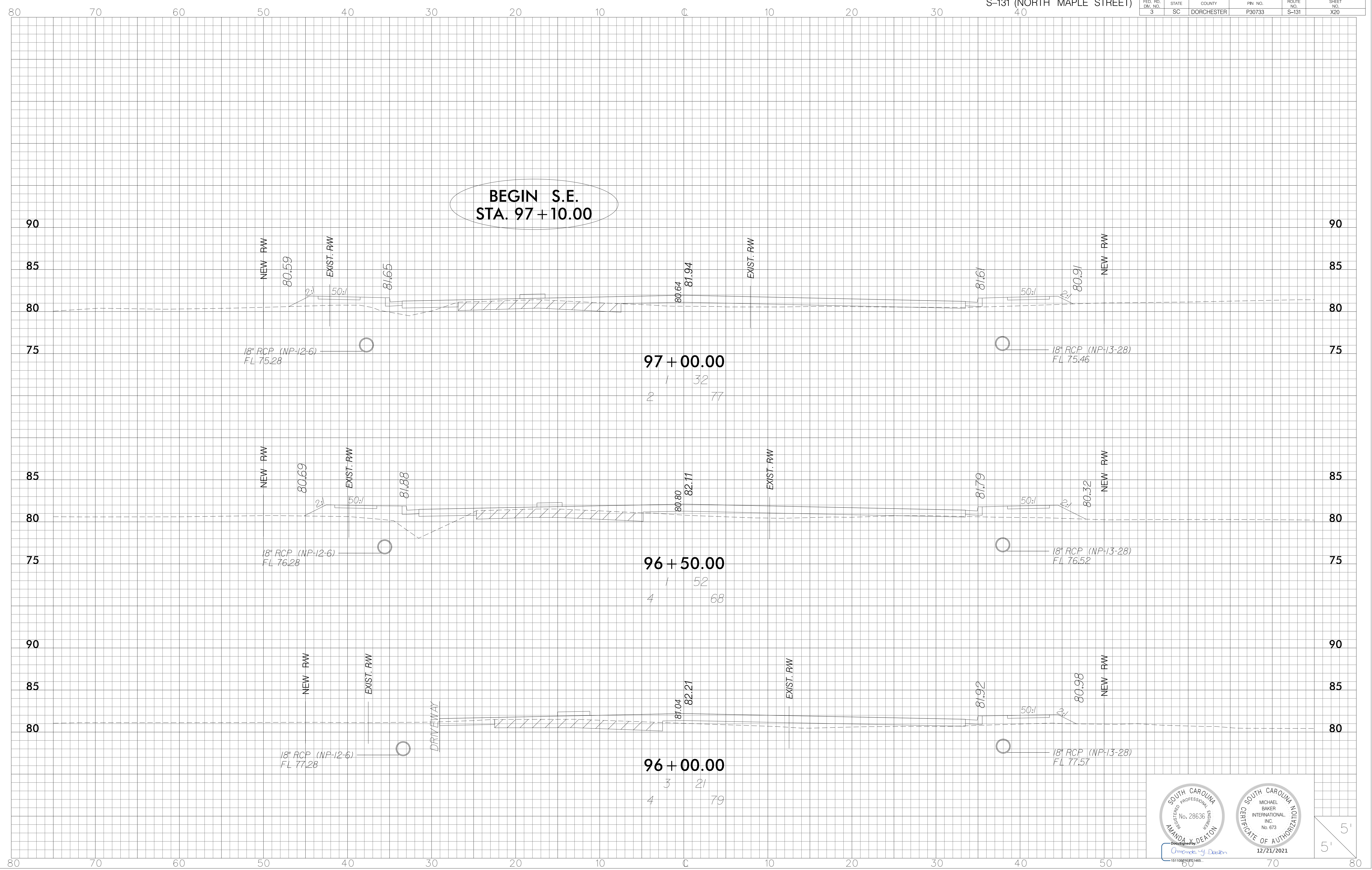
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X19



15110618P01445
 Created by Deaton
 12/21/2021



FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X20

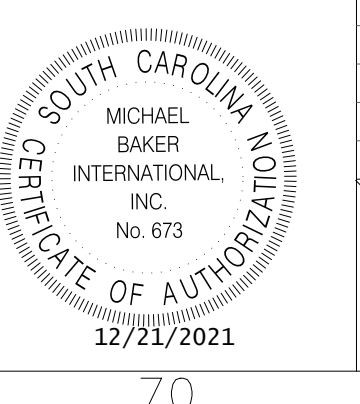
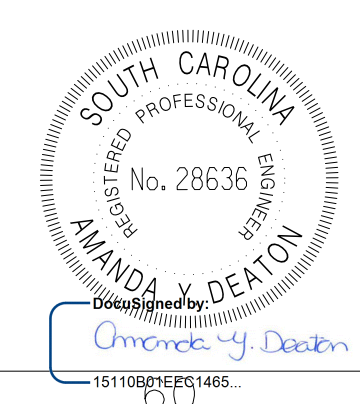


**BEGIN S.E.
STA. 97+10.00**

97+00.00

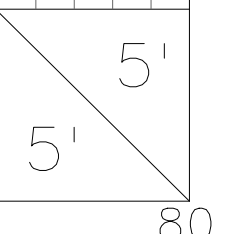
96+50.00

96+00.00

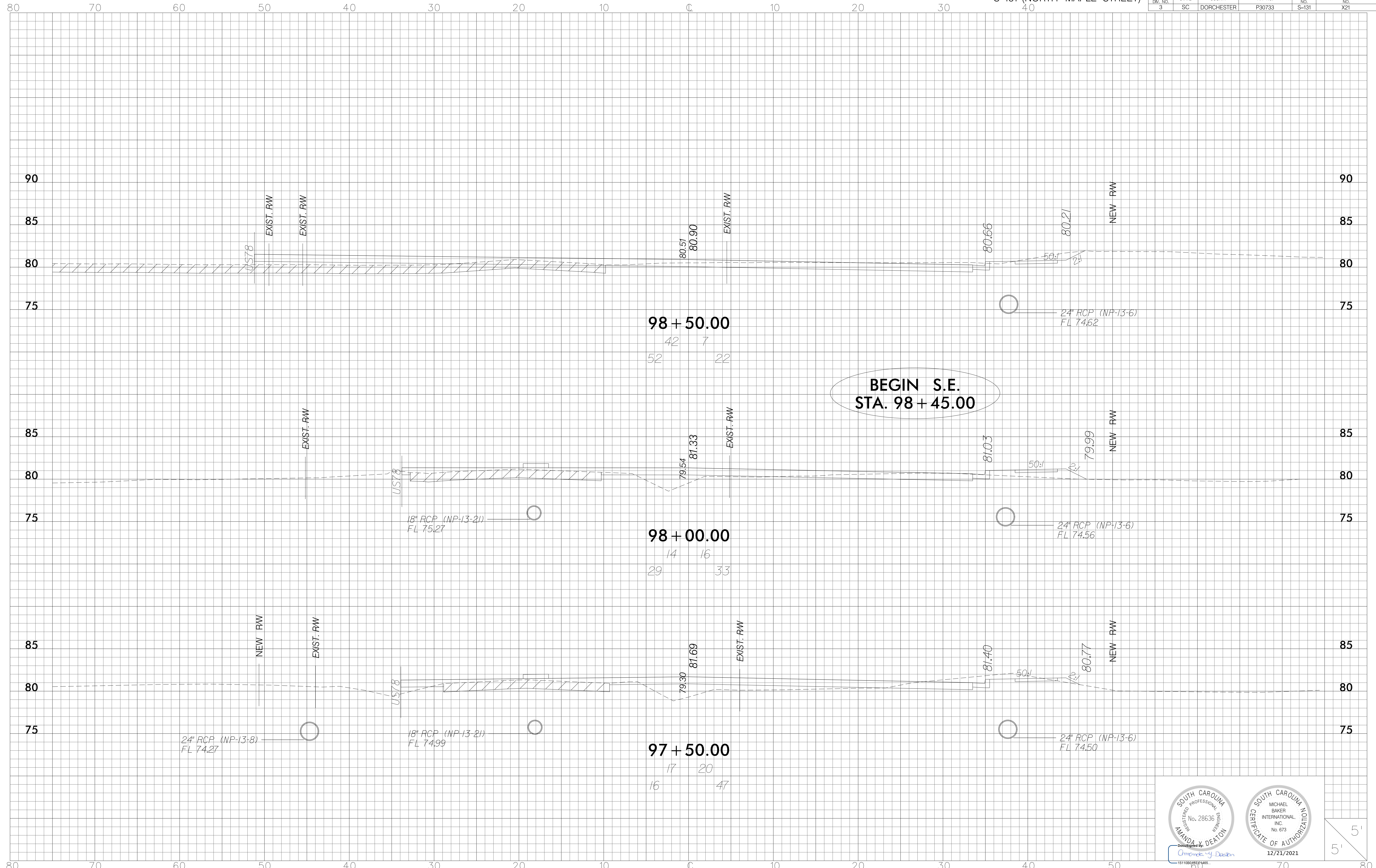


Checked by
Amanda J. Deaton
1511082821445

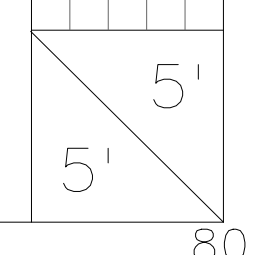
12/21/2021



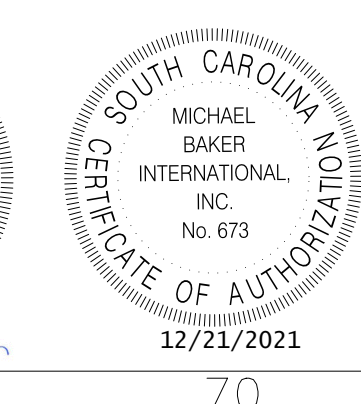
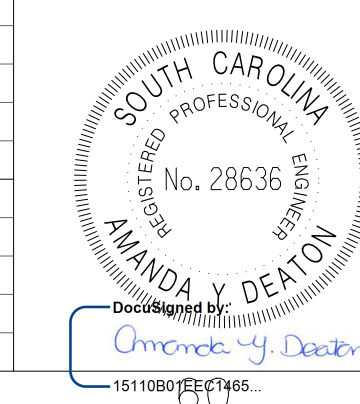
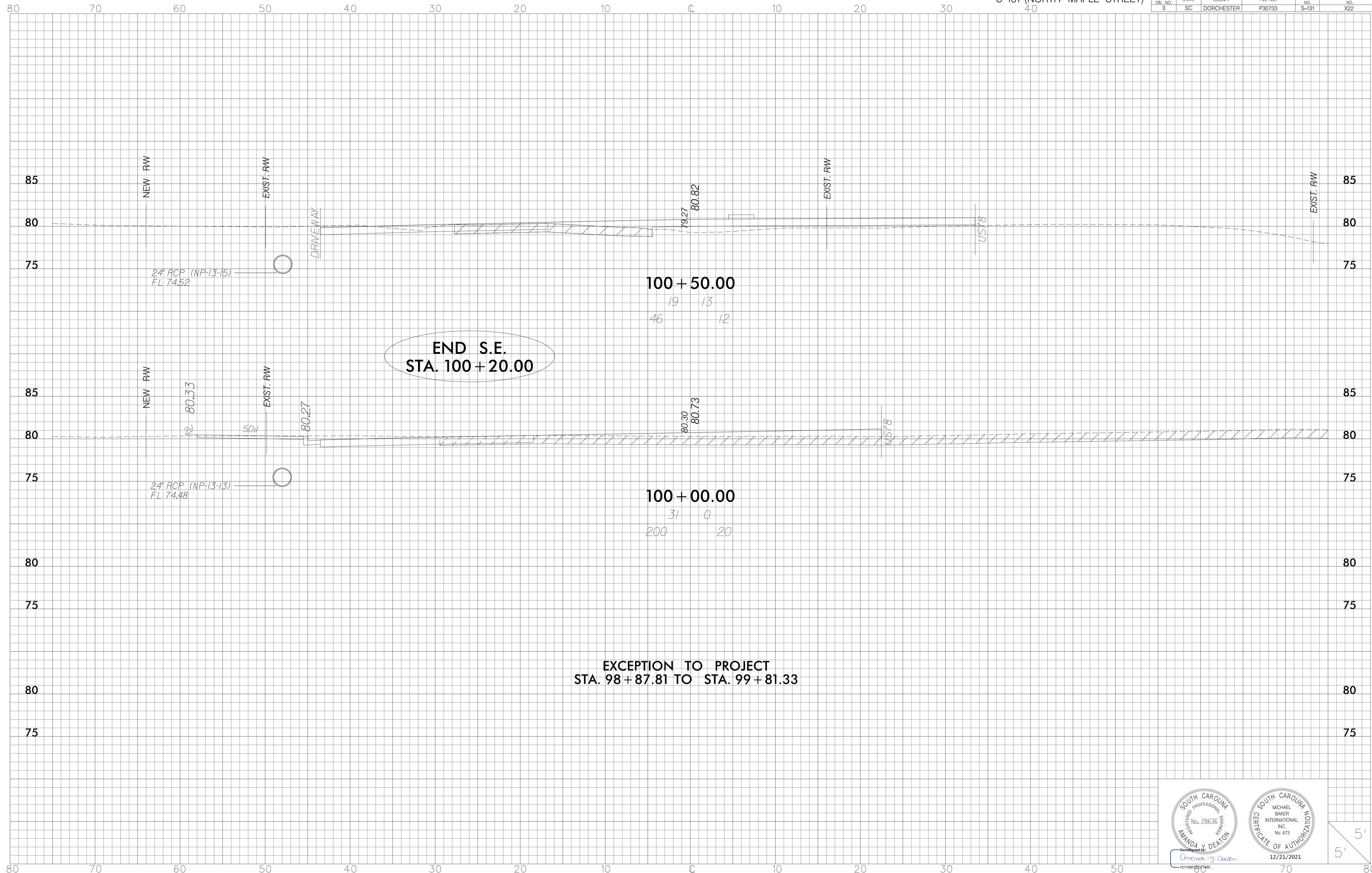
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X21



Professional Engineer stamps and seals for Michael Baker International, Inc. and Amanda J. Deaton, dated 12/21/2021.

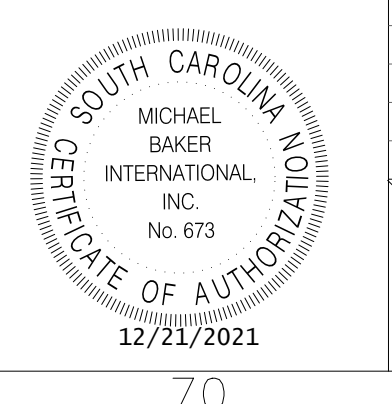
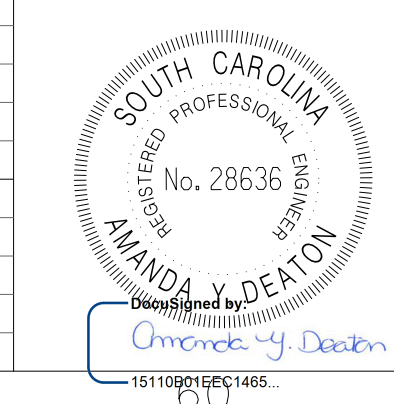
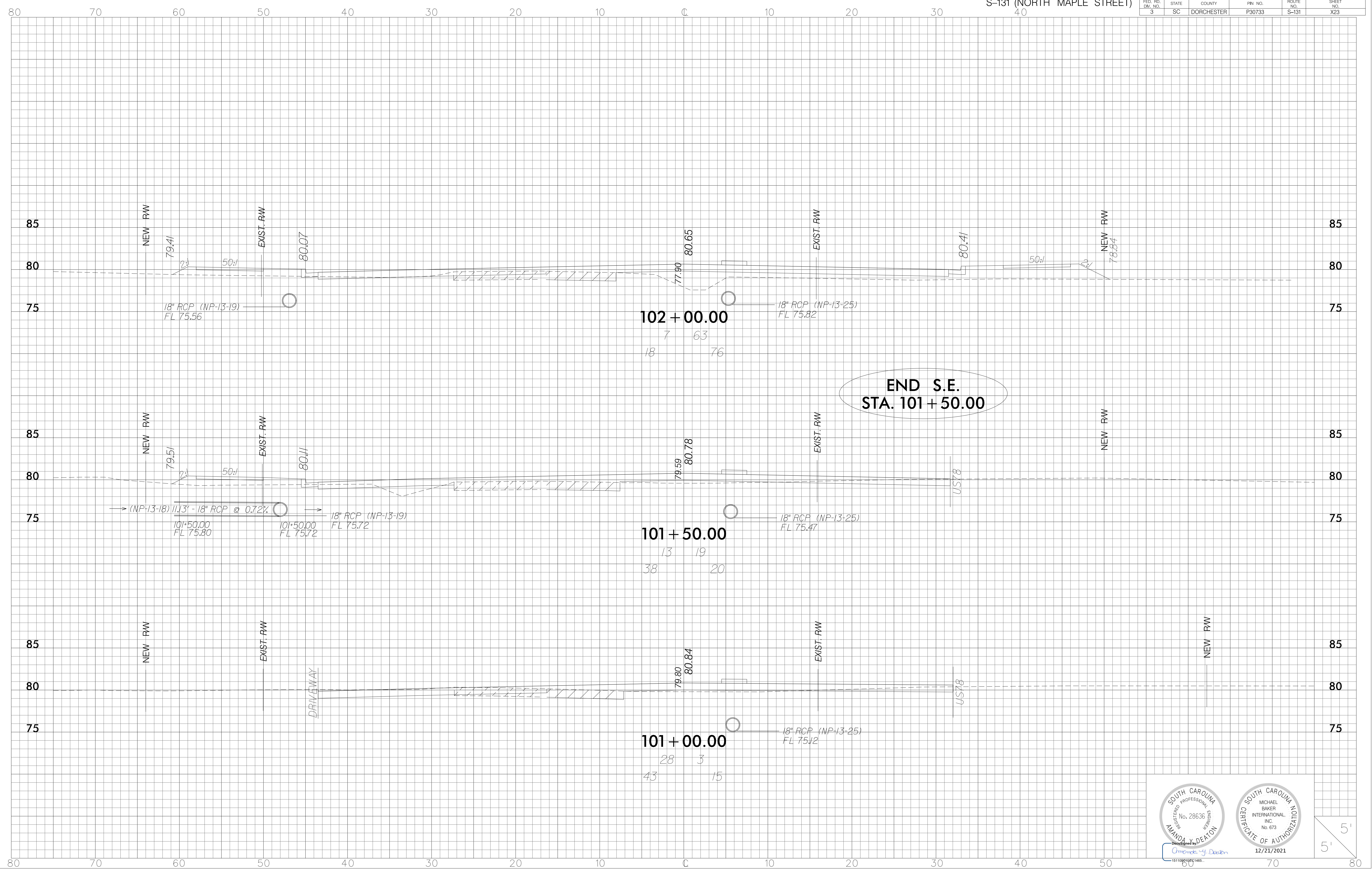


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X22



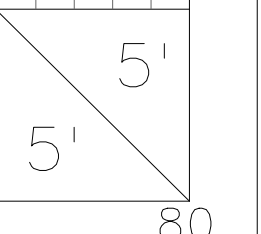
12/21/2021
1511000122185

FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X23

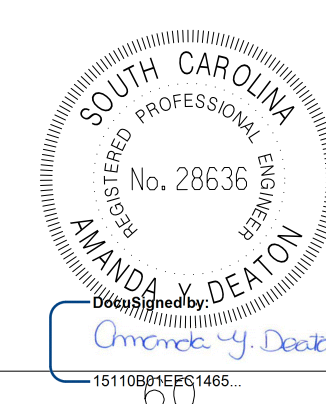
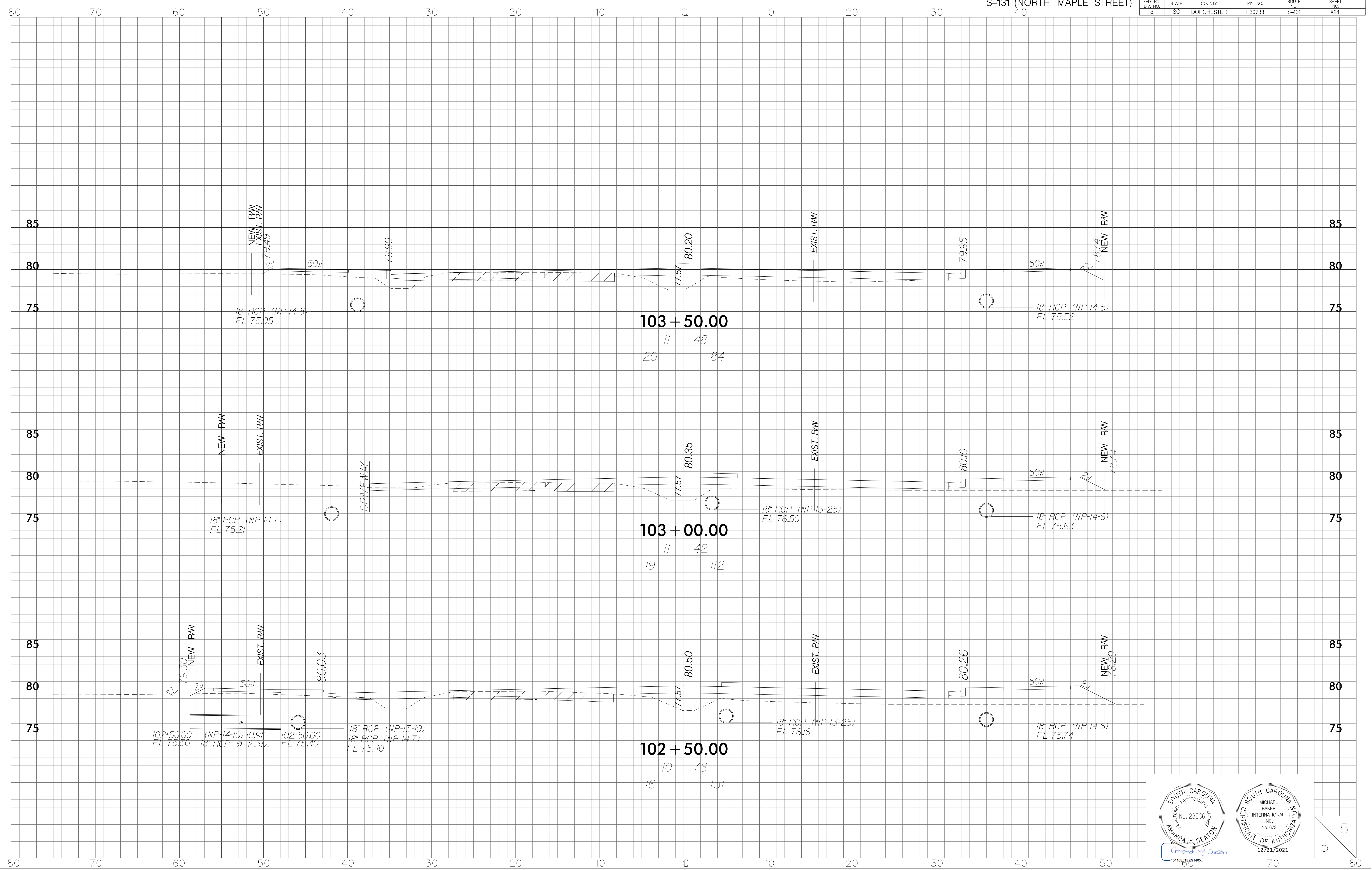


1511891661465
Amanda J. Deaton

12/21/2021

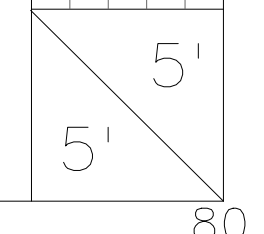


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X24

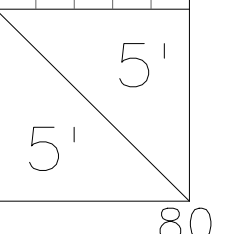
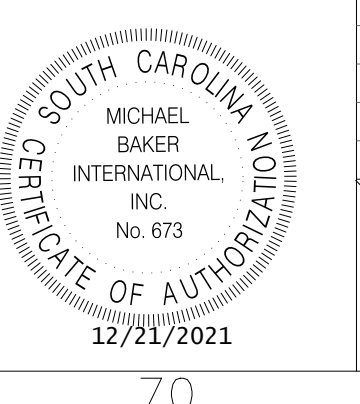
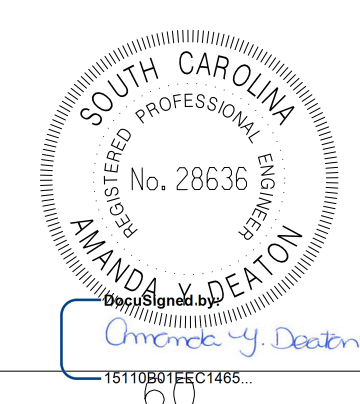
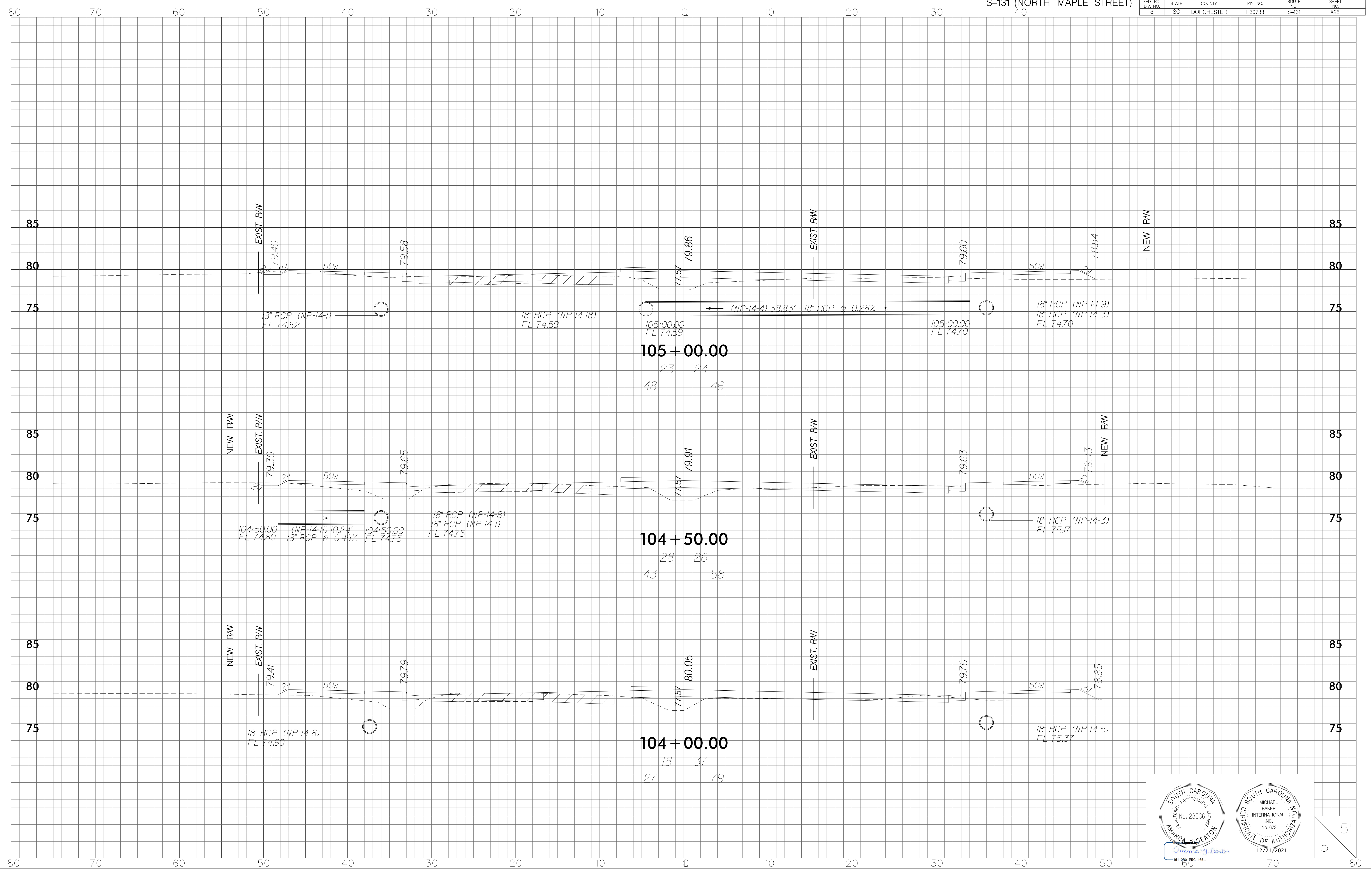


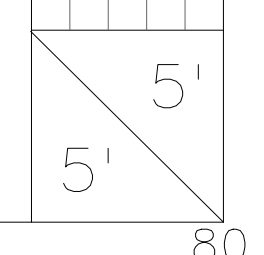
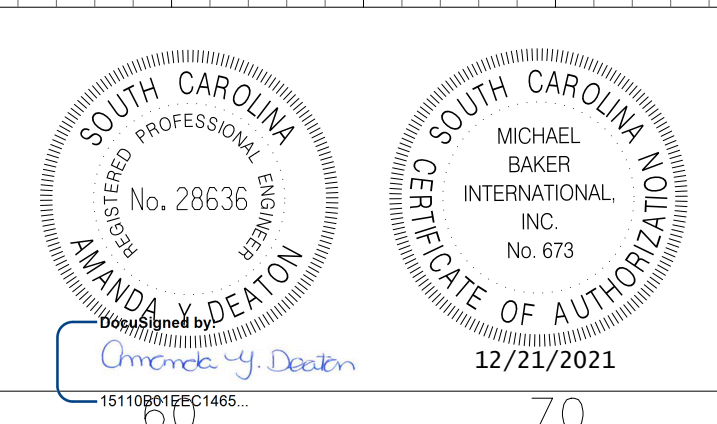
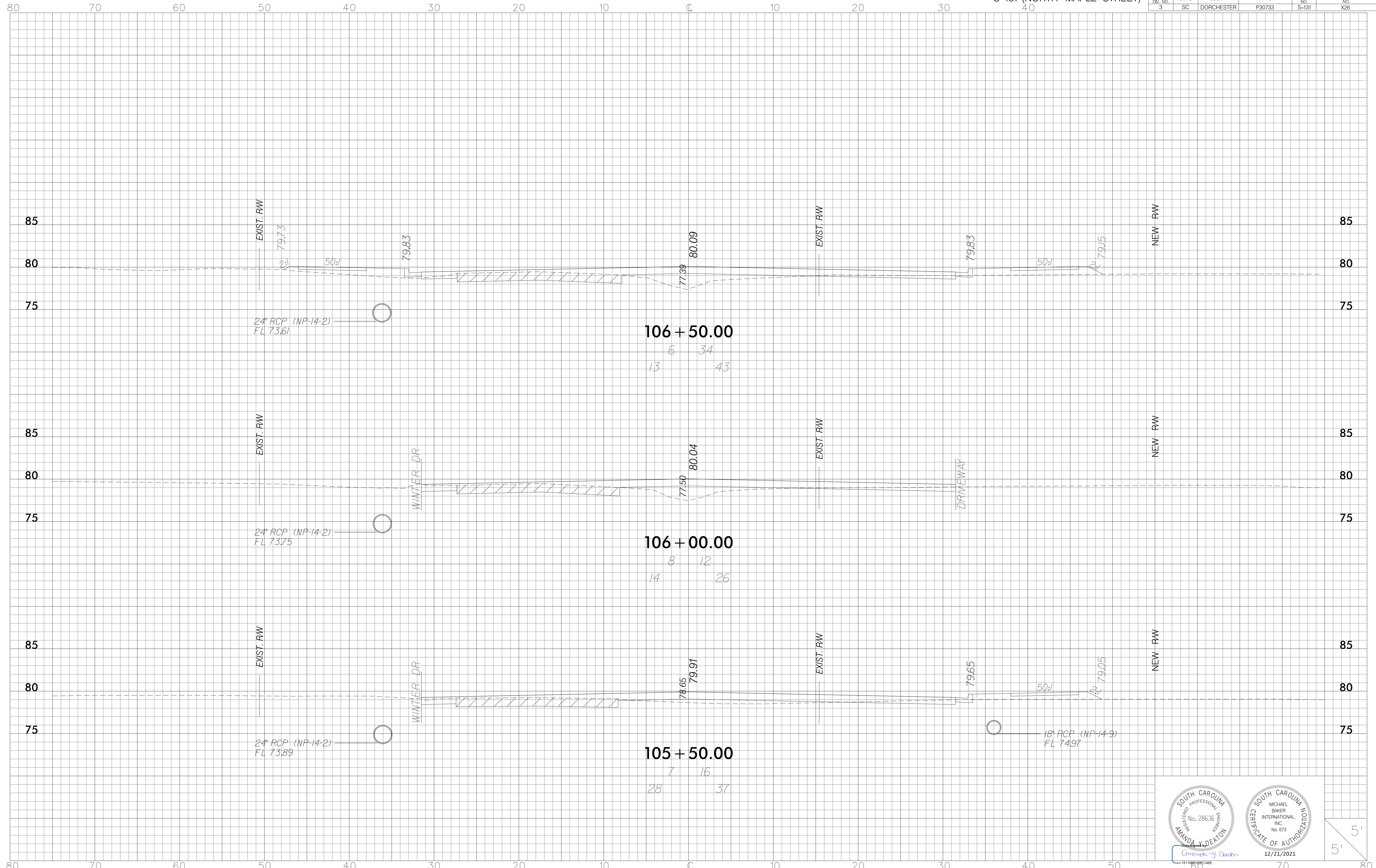
151106/MS/PE/1445
Amanda Deaton

12/21/2021

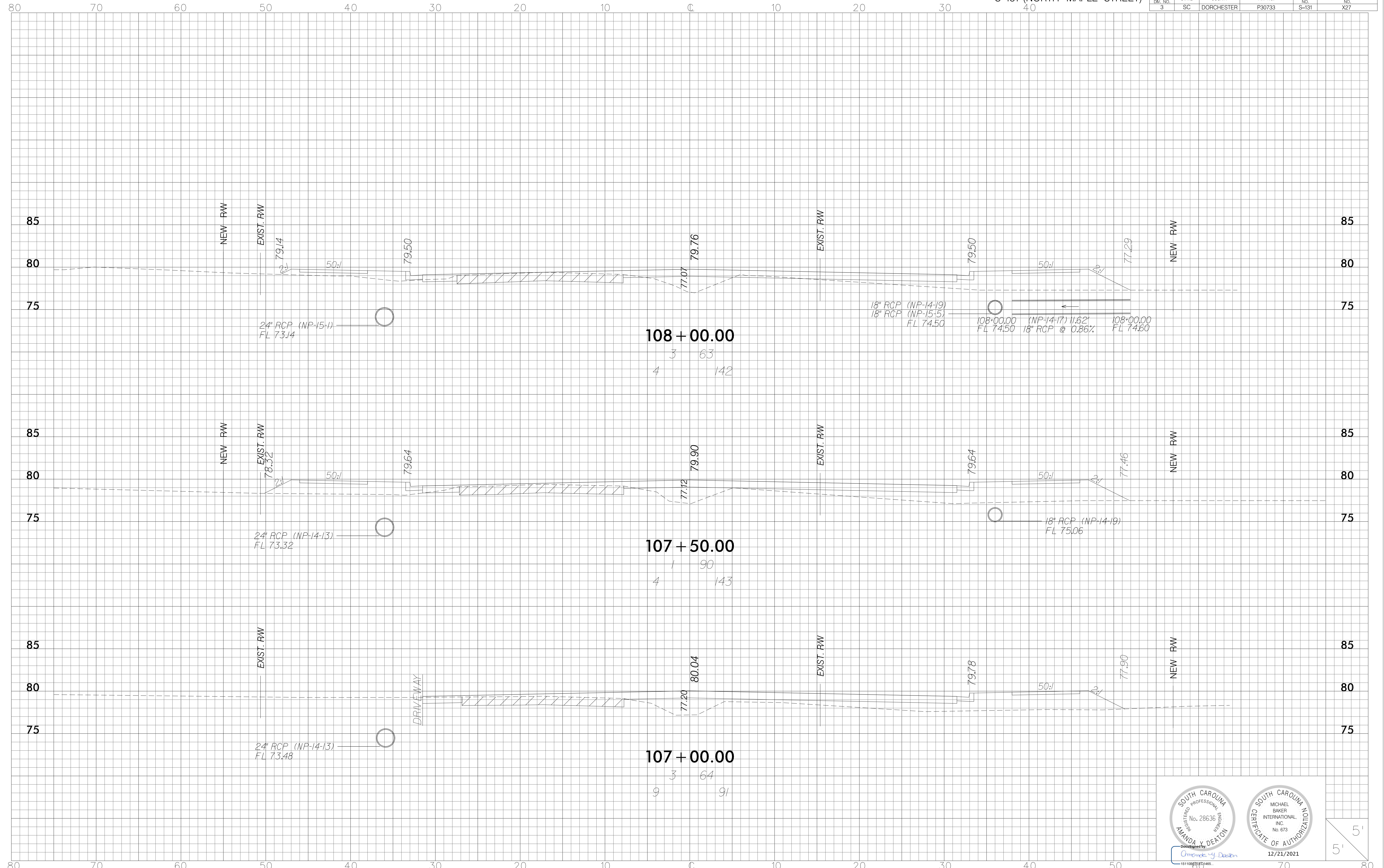


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X25

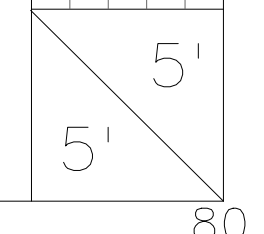


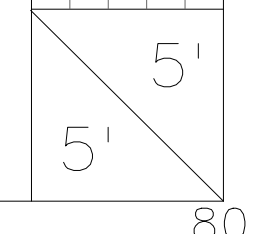
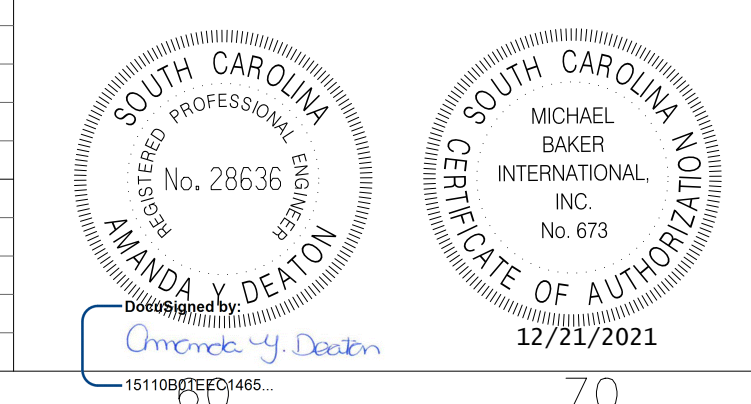
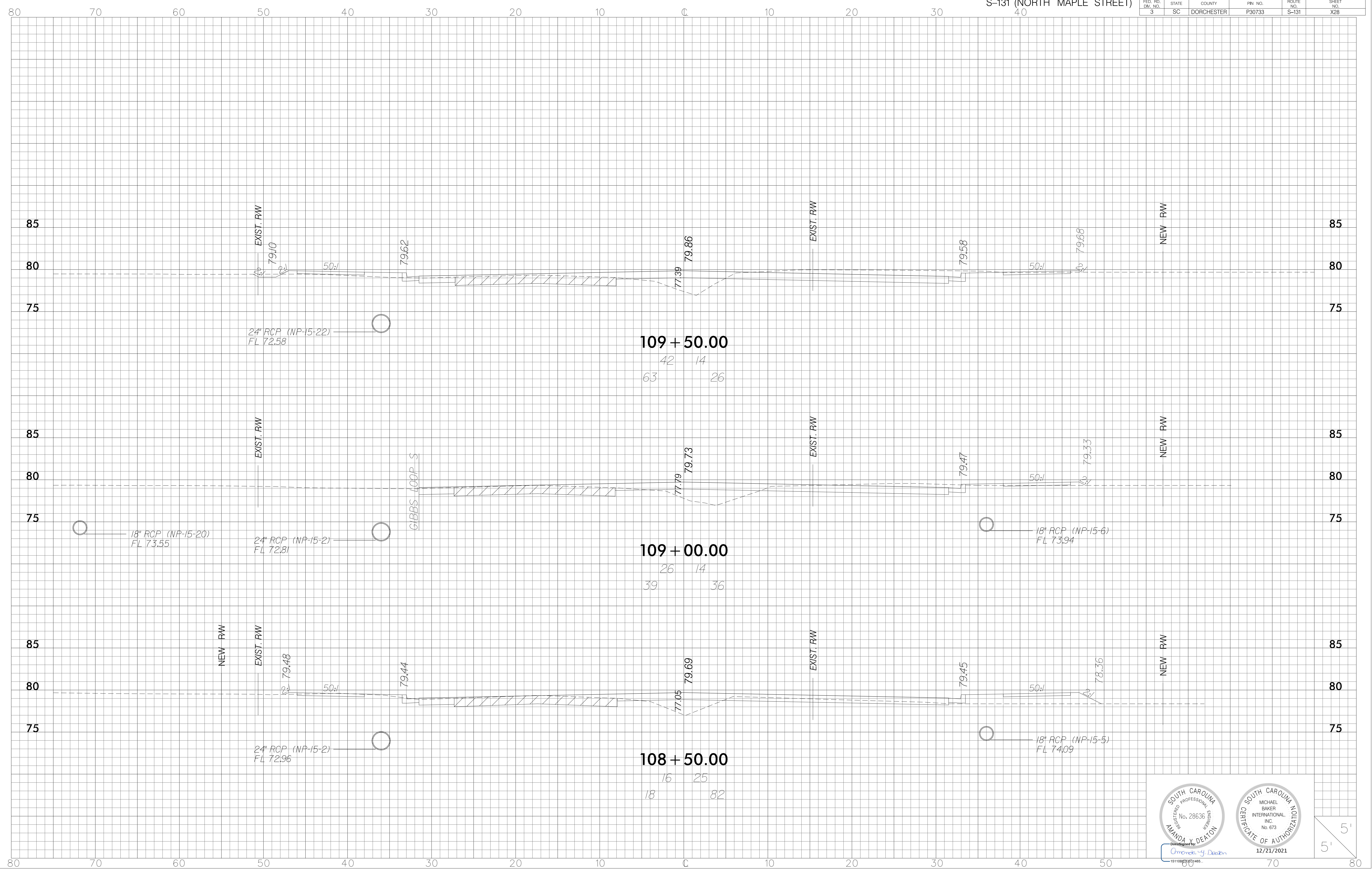


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X27

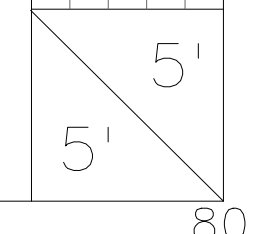
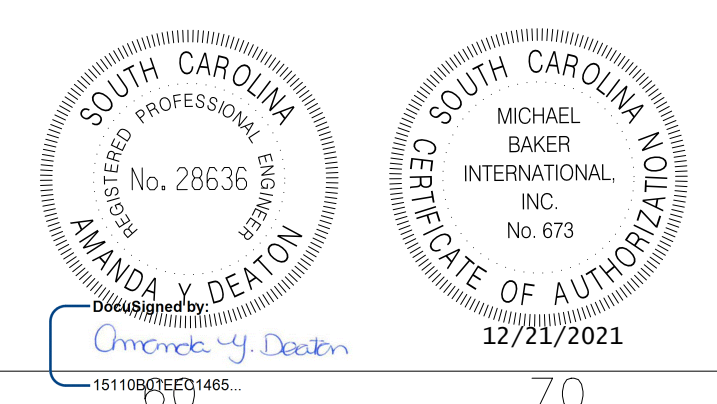
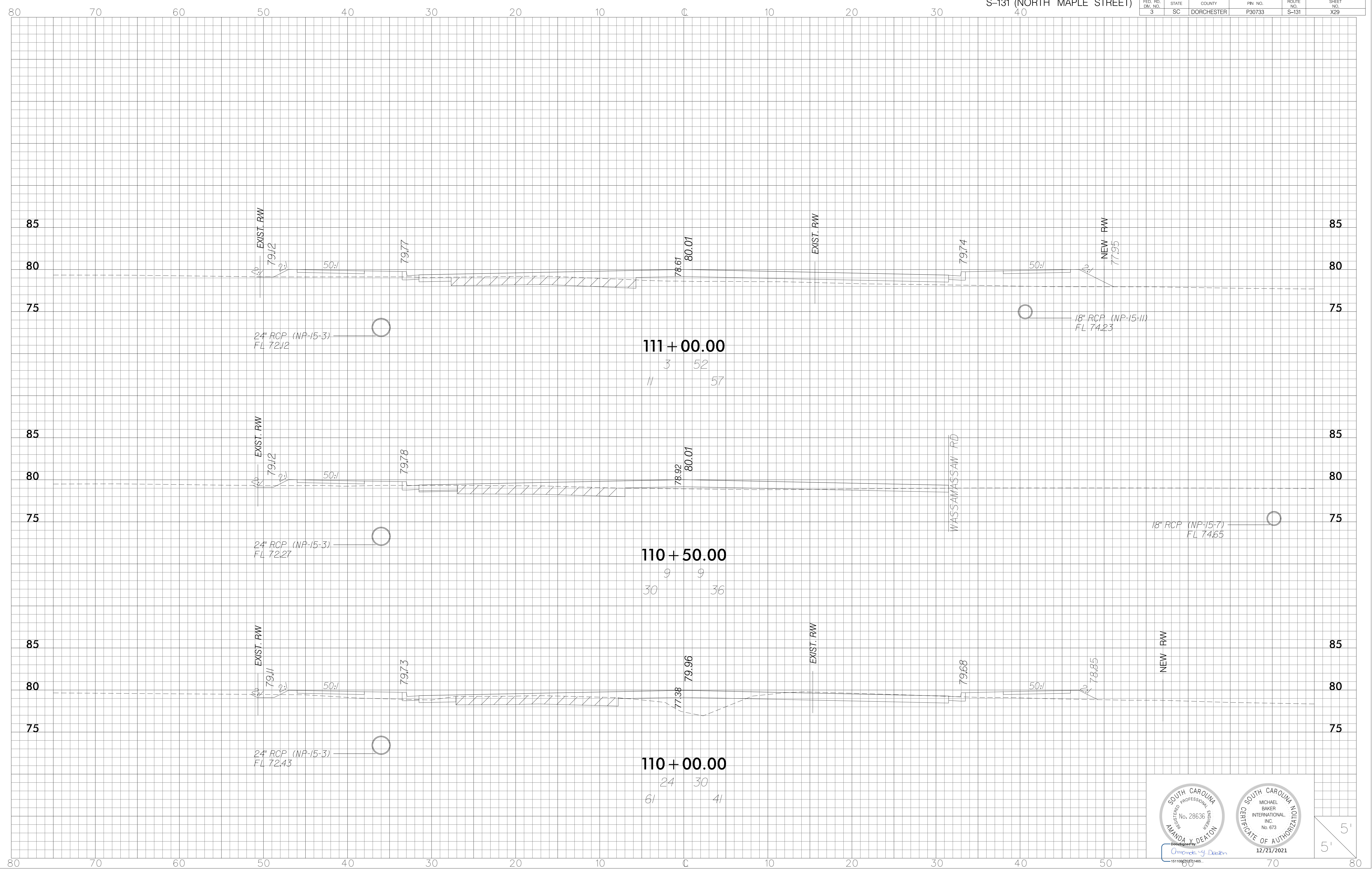


Professional Engineer stamps and seal for Michael Baker International, Inc. The seal includes the text: SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER, MICHAEL BAKER INTERNATIONAL, INC., No. 673, CERTIFICATE OF AUTHORIZATION, 12/21/2021. The stamp also includes the name Amanda V. Deaton and the company name Omnicore by Deaton.

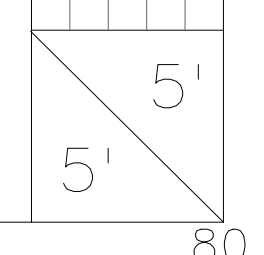
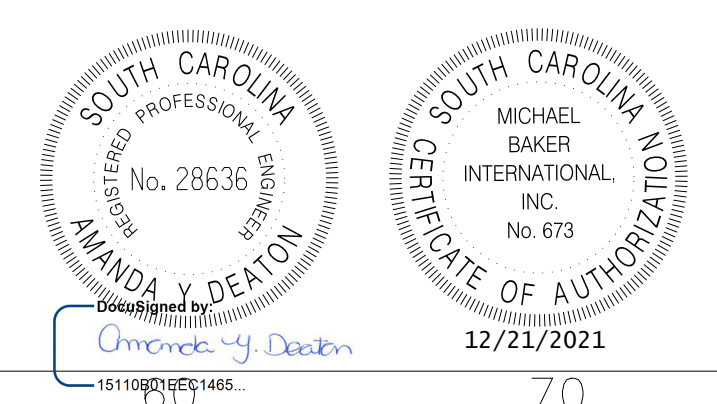
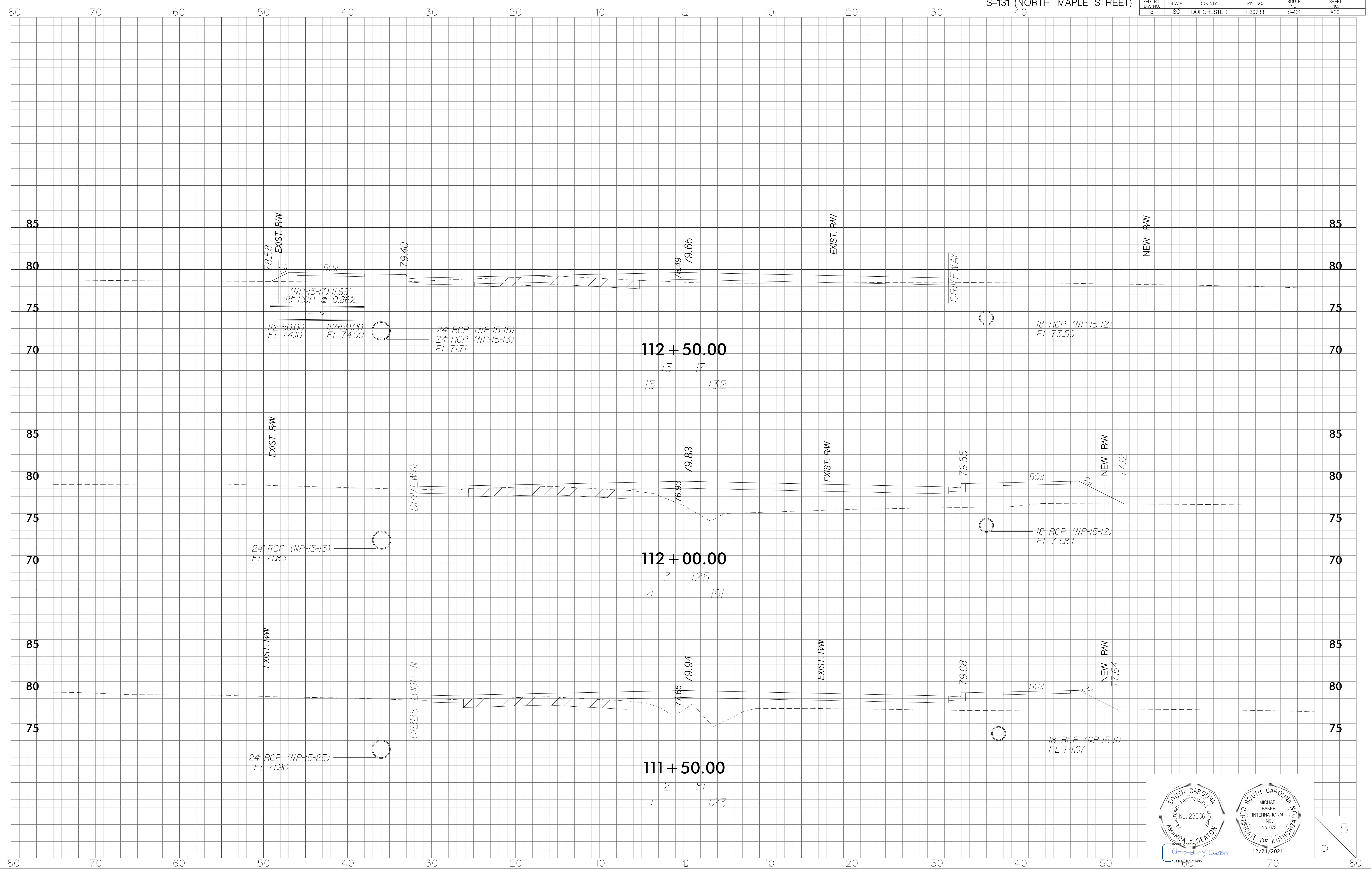




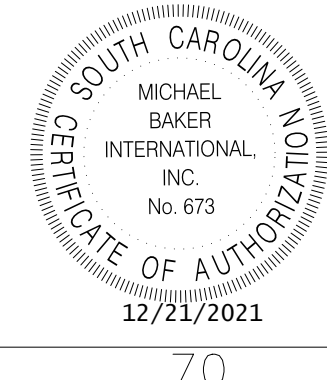
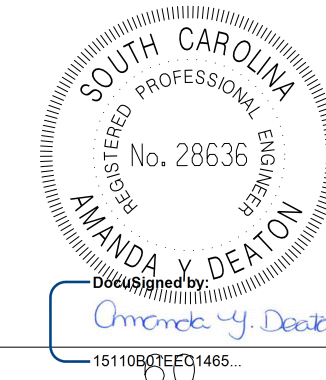
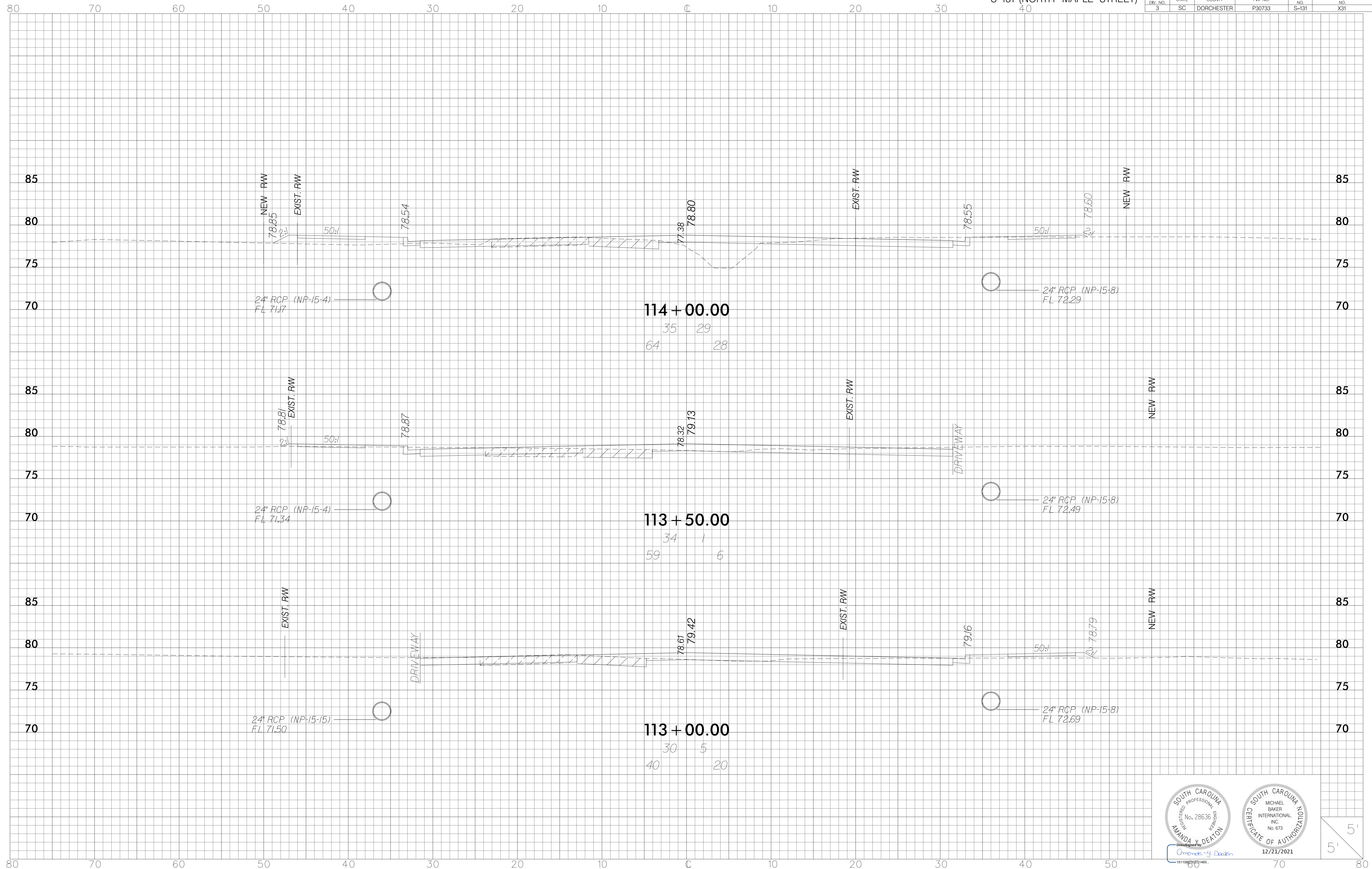
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X29



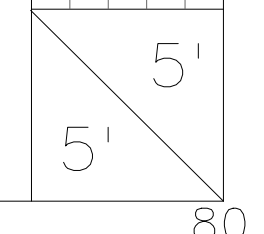
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X30



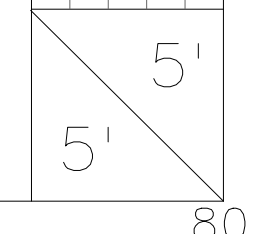
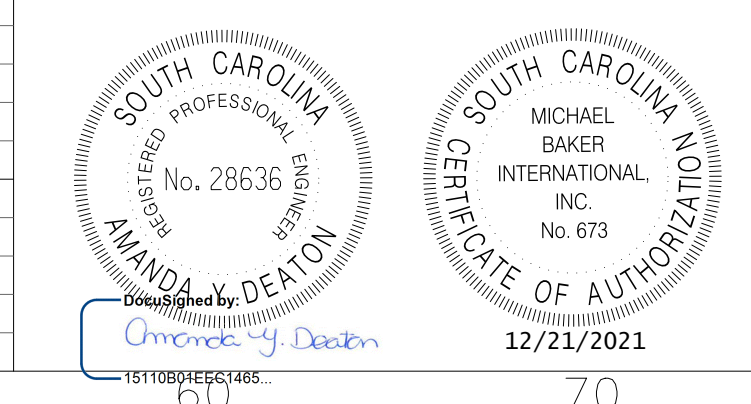
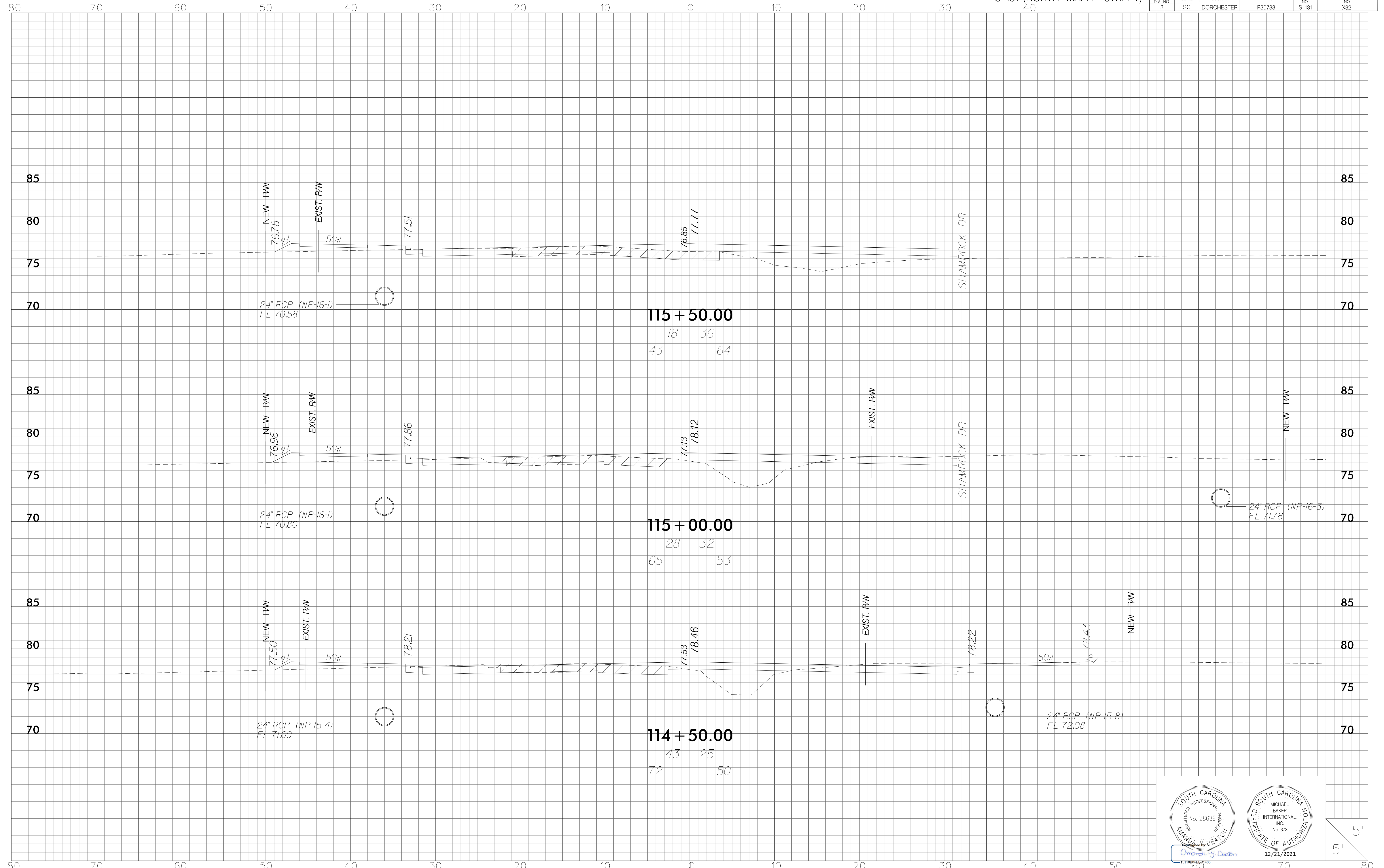
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X31



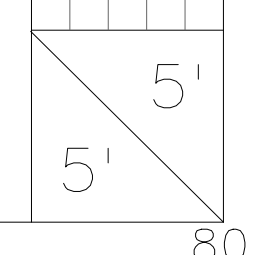
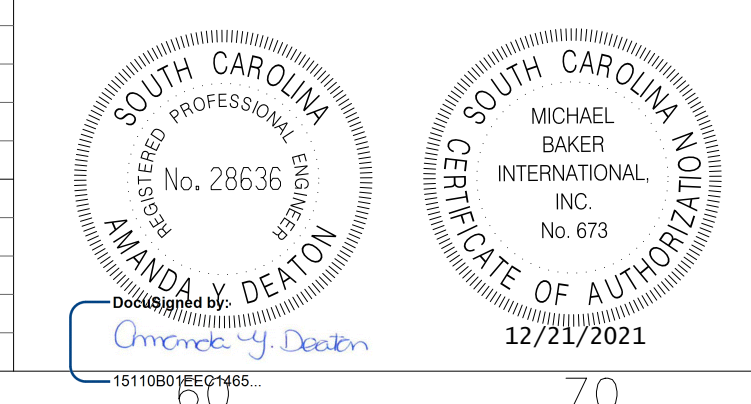
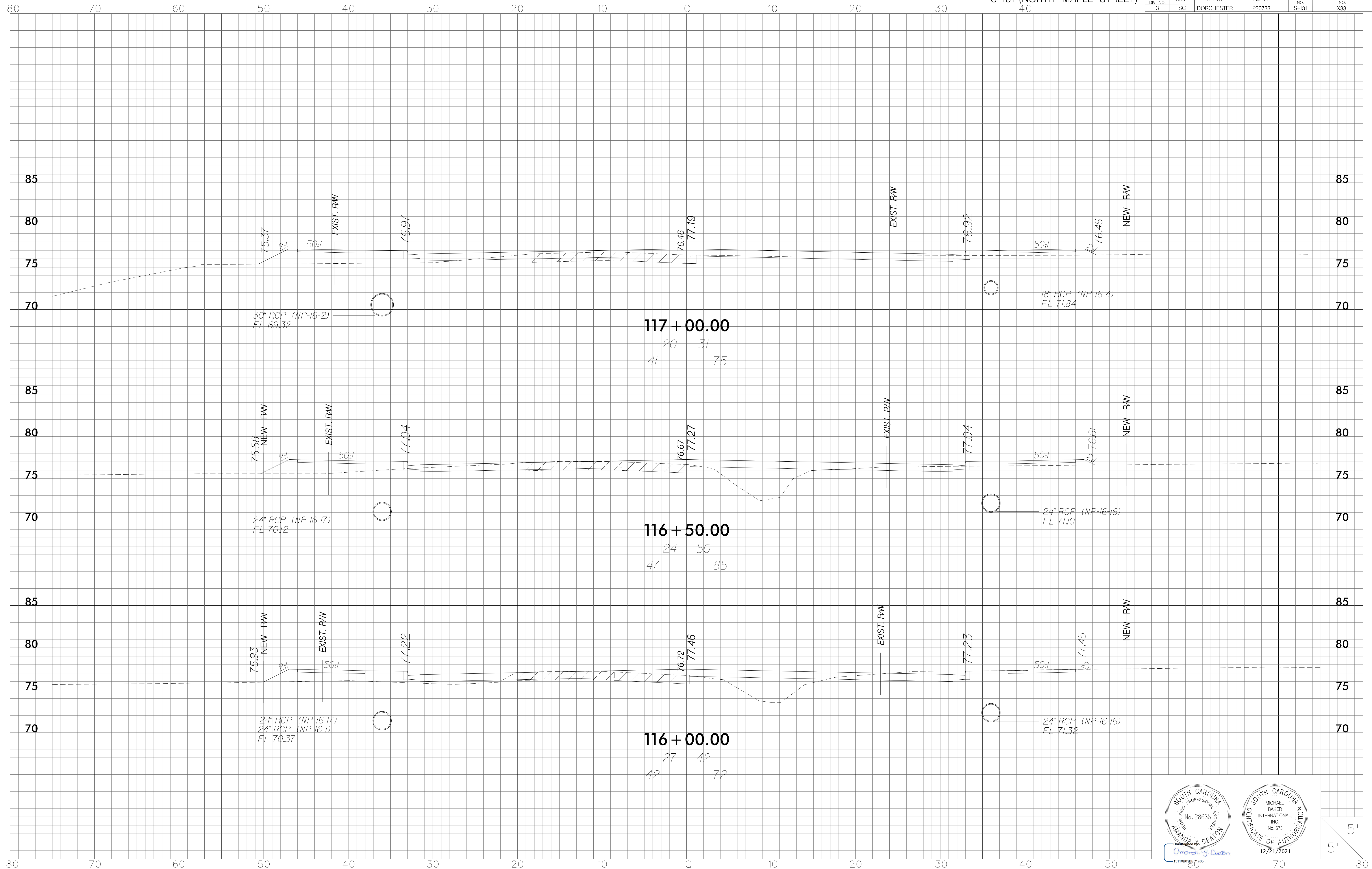
151108700001465
 Checked by Deaton
 12/21/2021



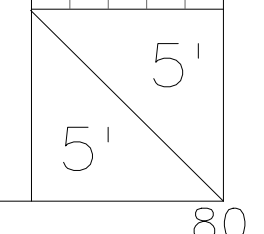
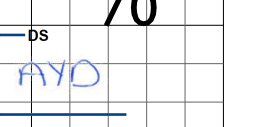
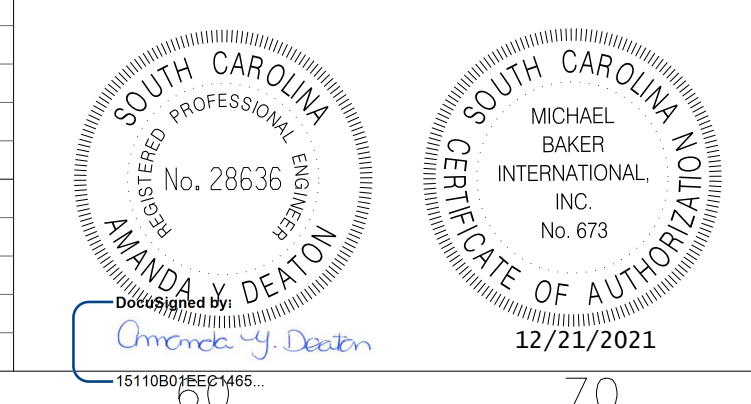
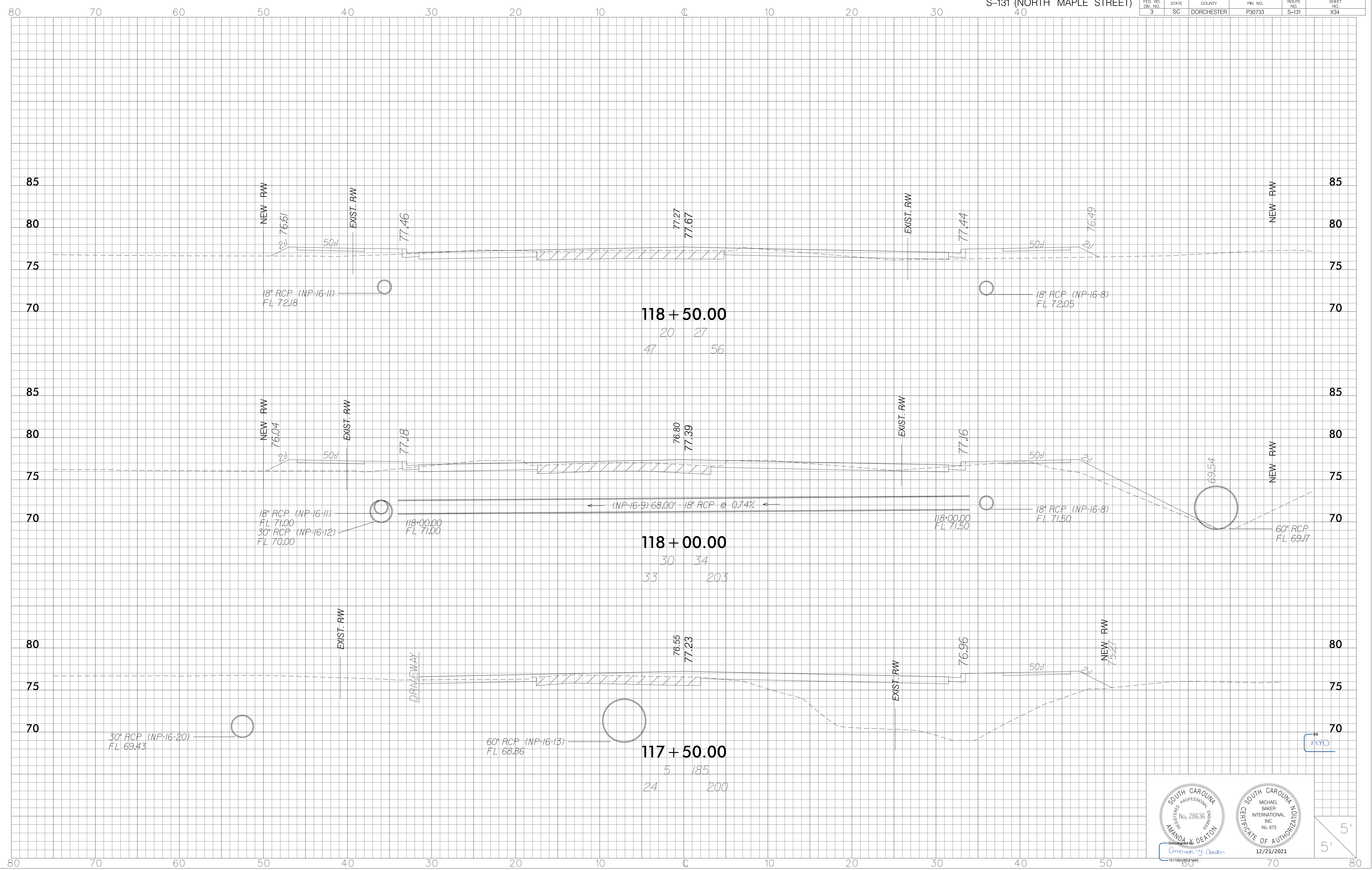
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X32



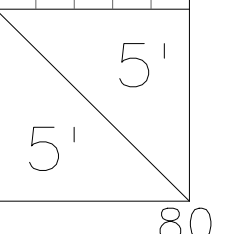
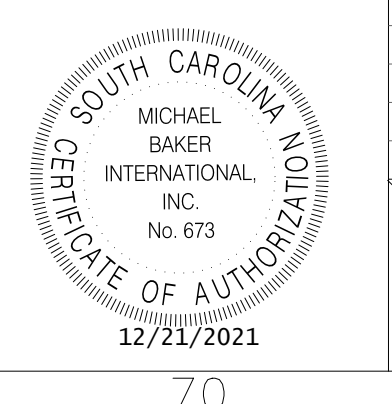
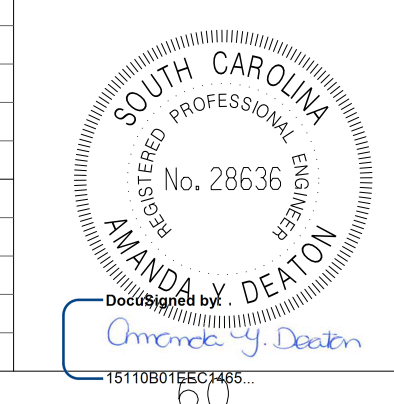
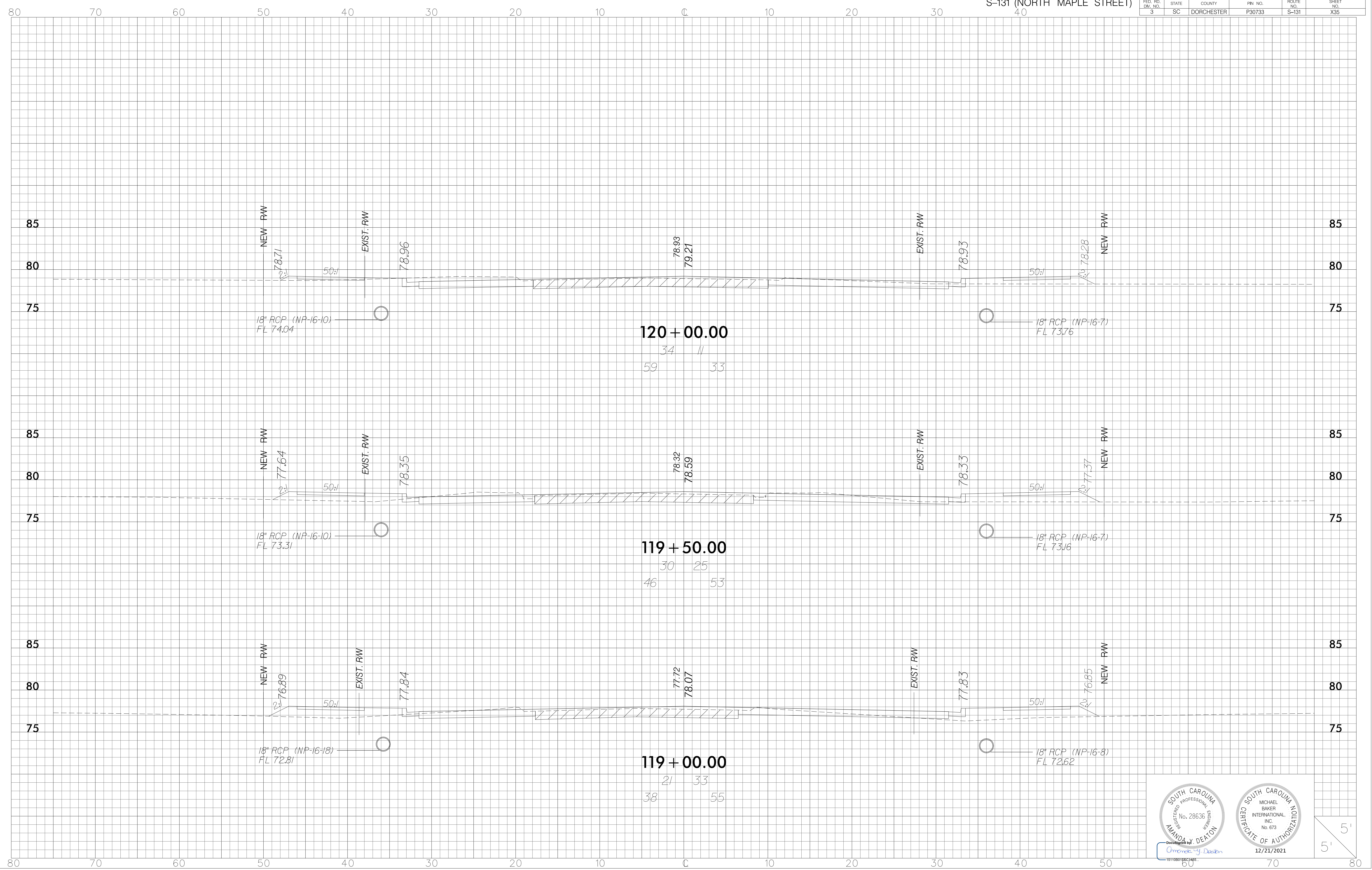
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3	SC	DORCHESTER	P30733	S-131	X33



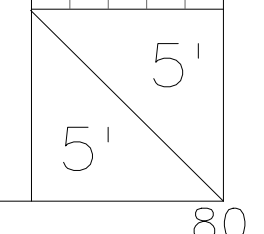
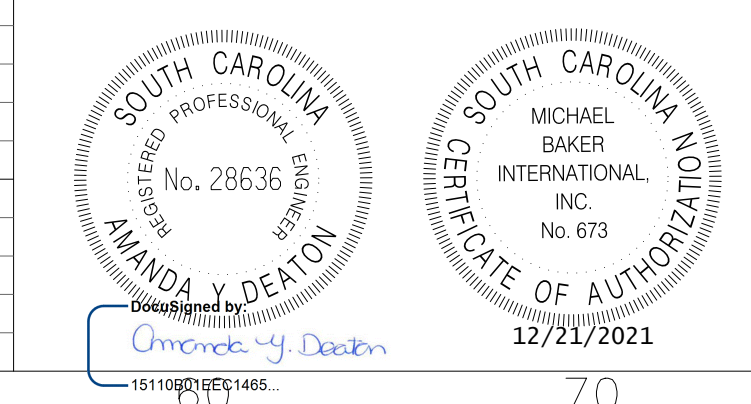
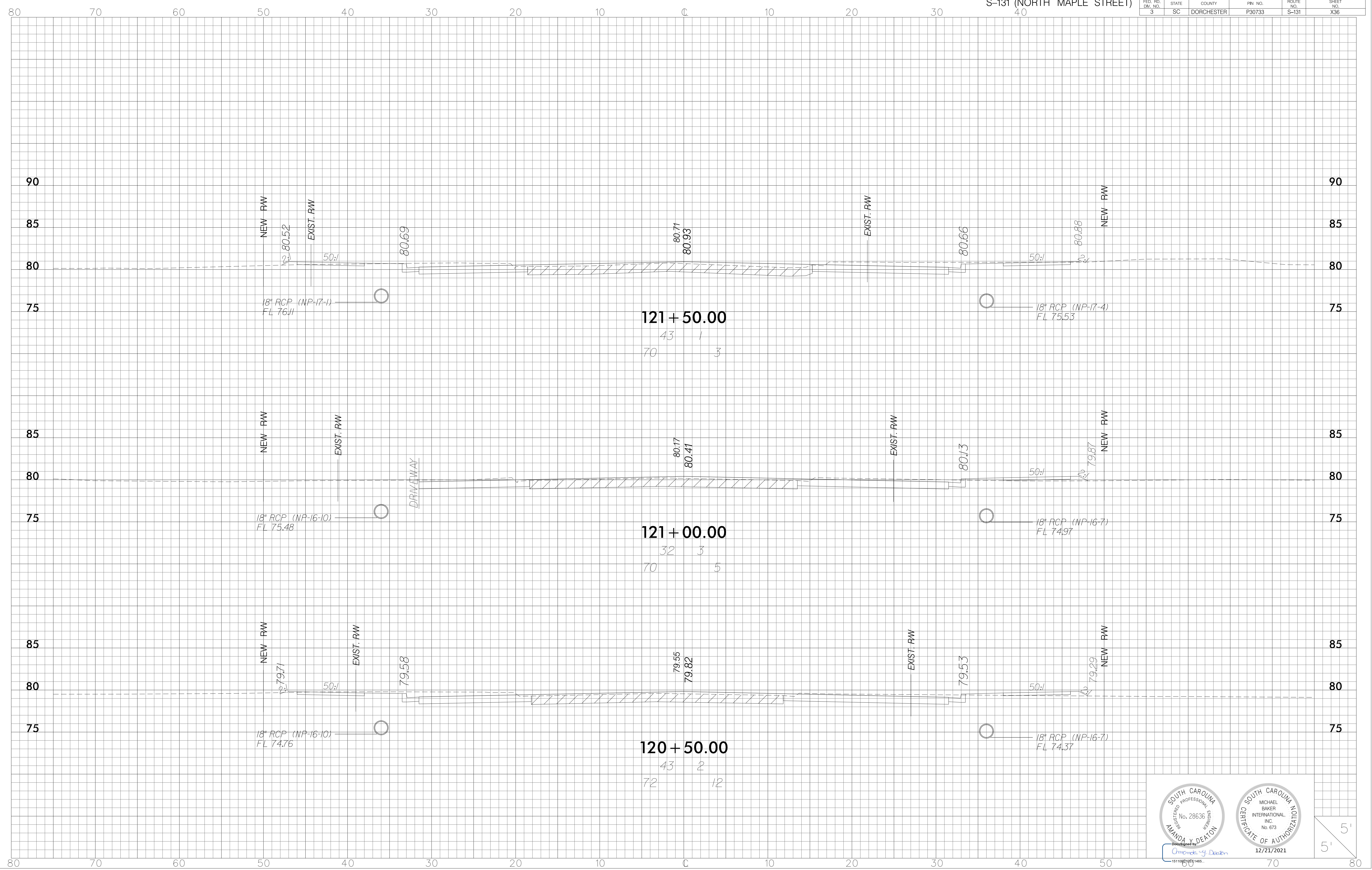
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3	SC	DORCHESTER	P30733	S-131	X34



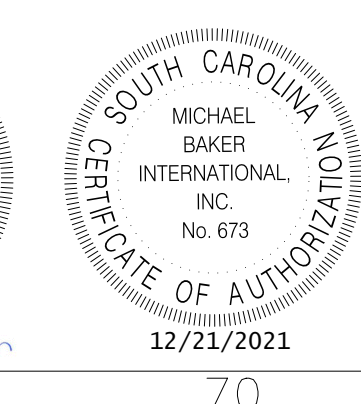
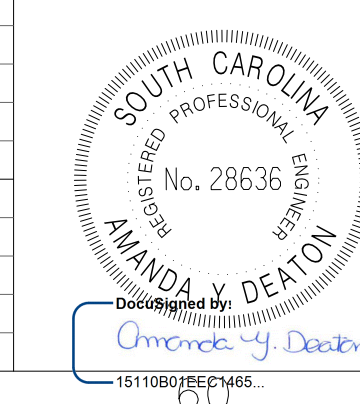
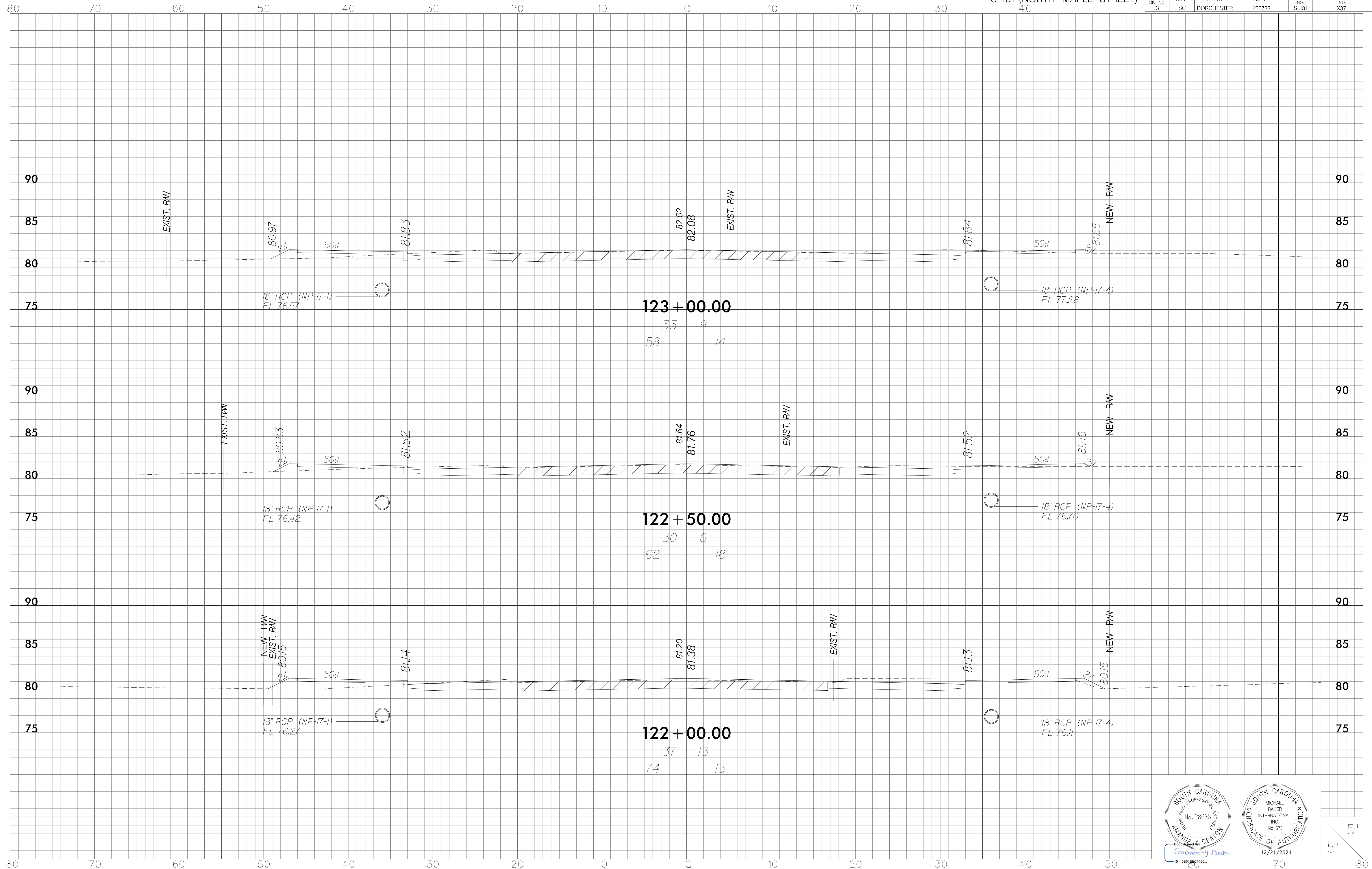
FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X35



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3	SC	DORCHESTER	P30733	S-131	X36

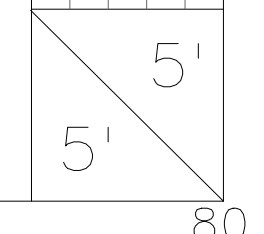


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X37

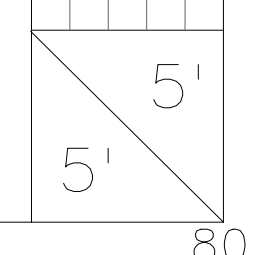
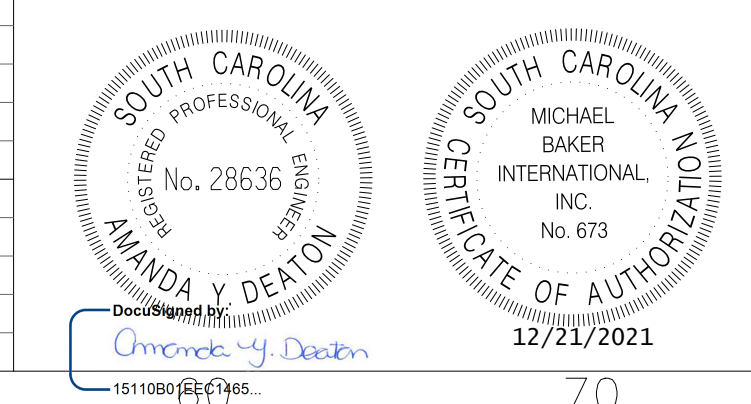
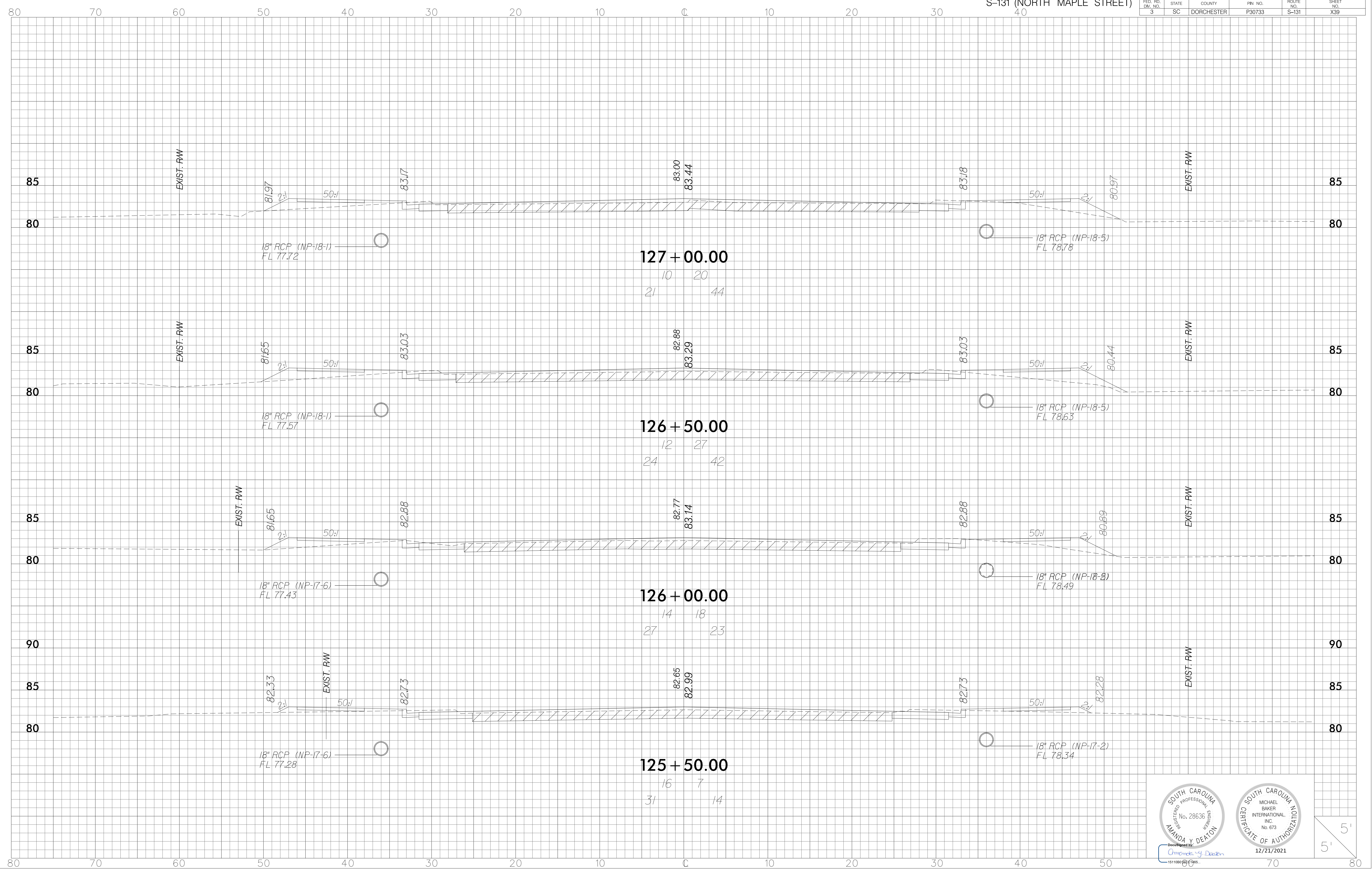


DocuSigned by:
Amanda Y. Deaton
15110807852465

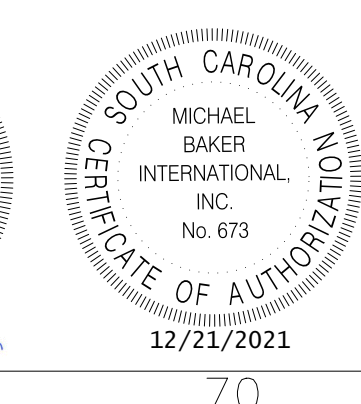
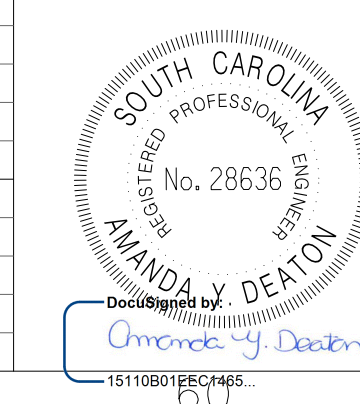
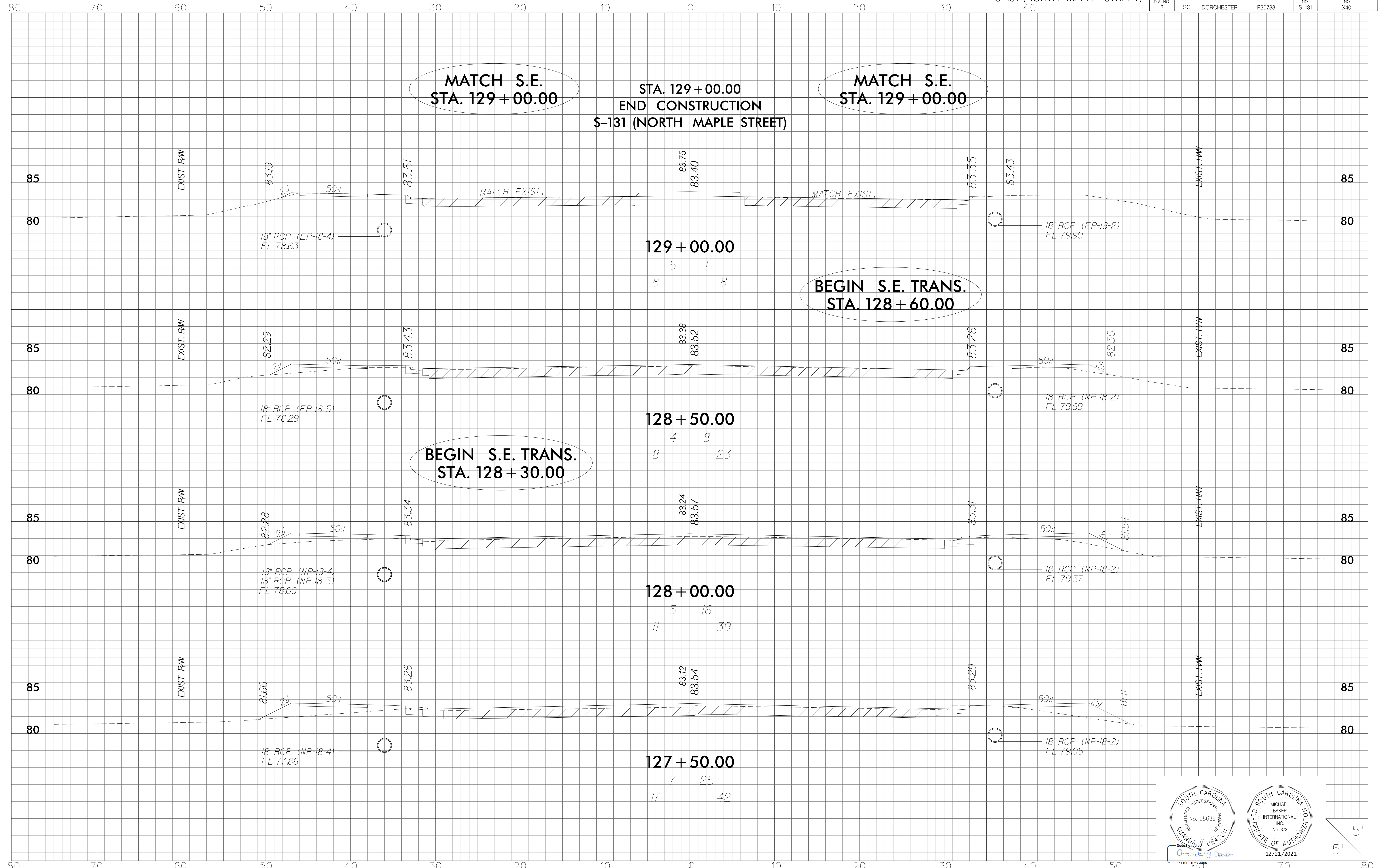
CERTIFICATE OF AUTHORIZATION
12/21/2021



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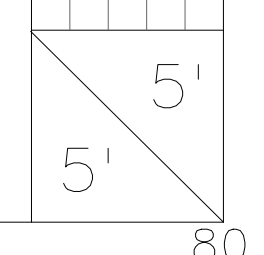


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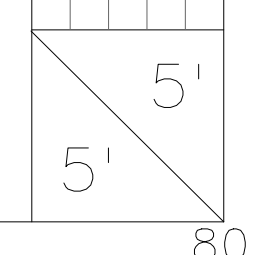
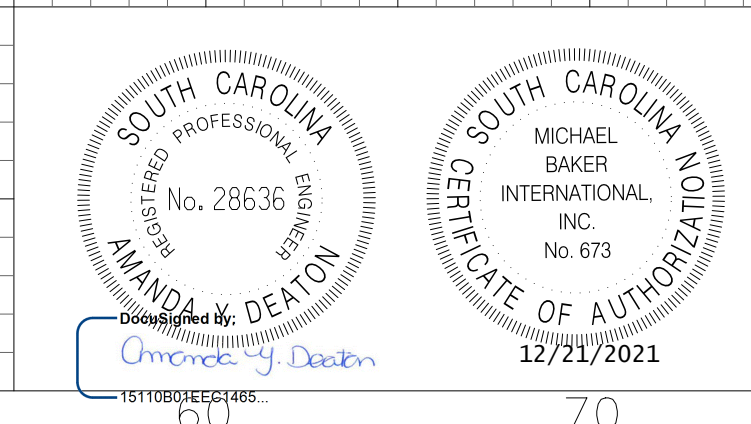
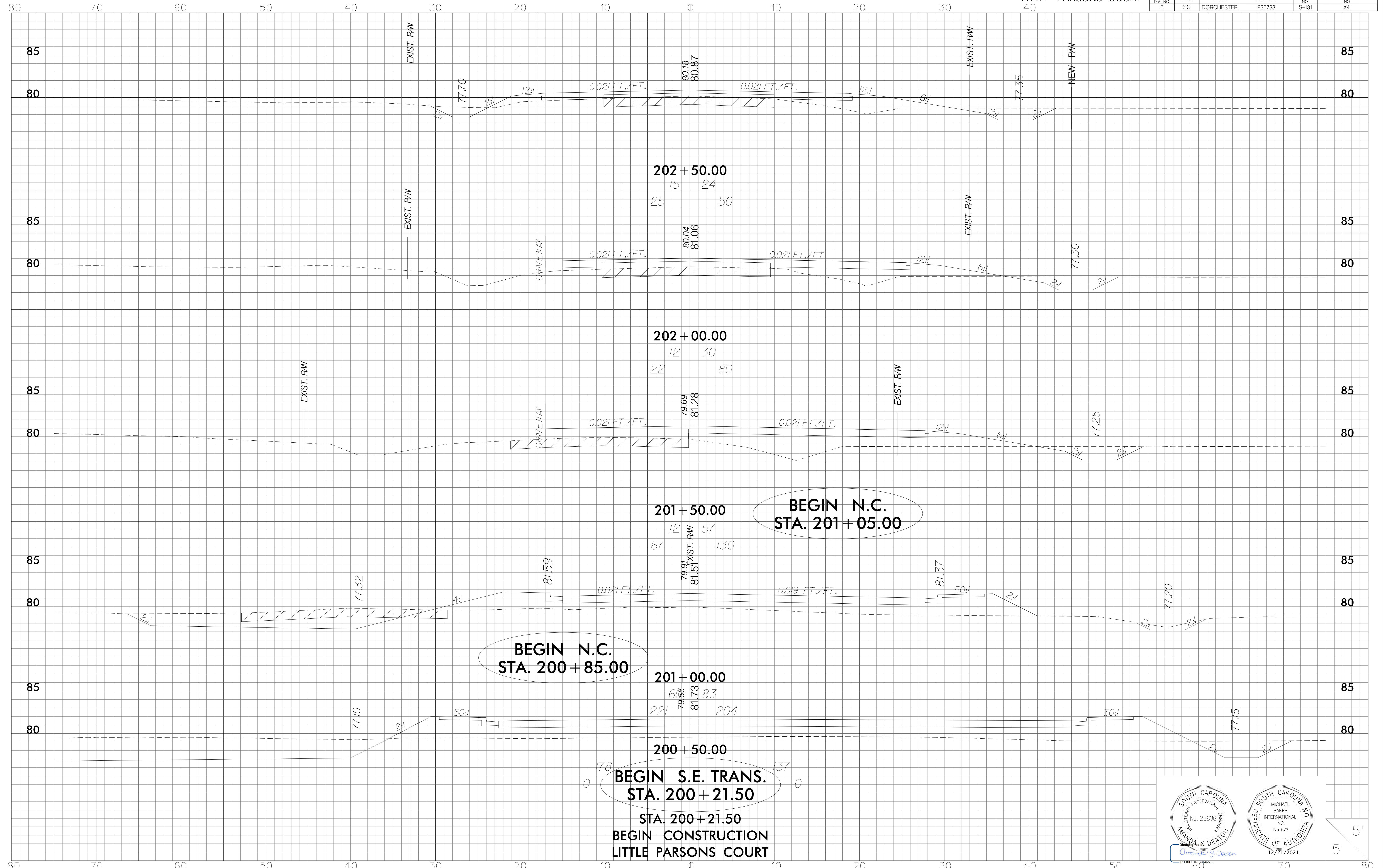


DocuSign by
Amanda J. Deaton
1511001PES0065

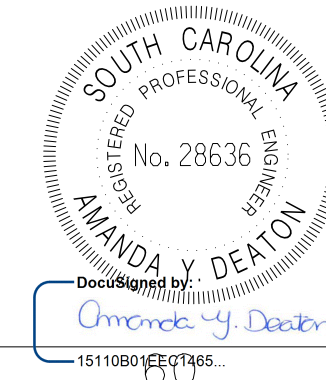
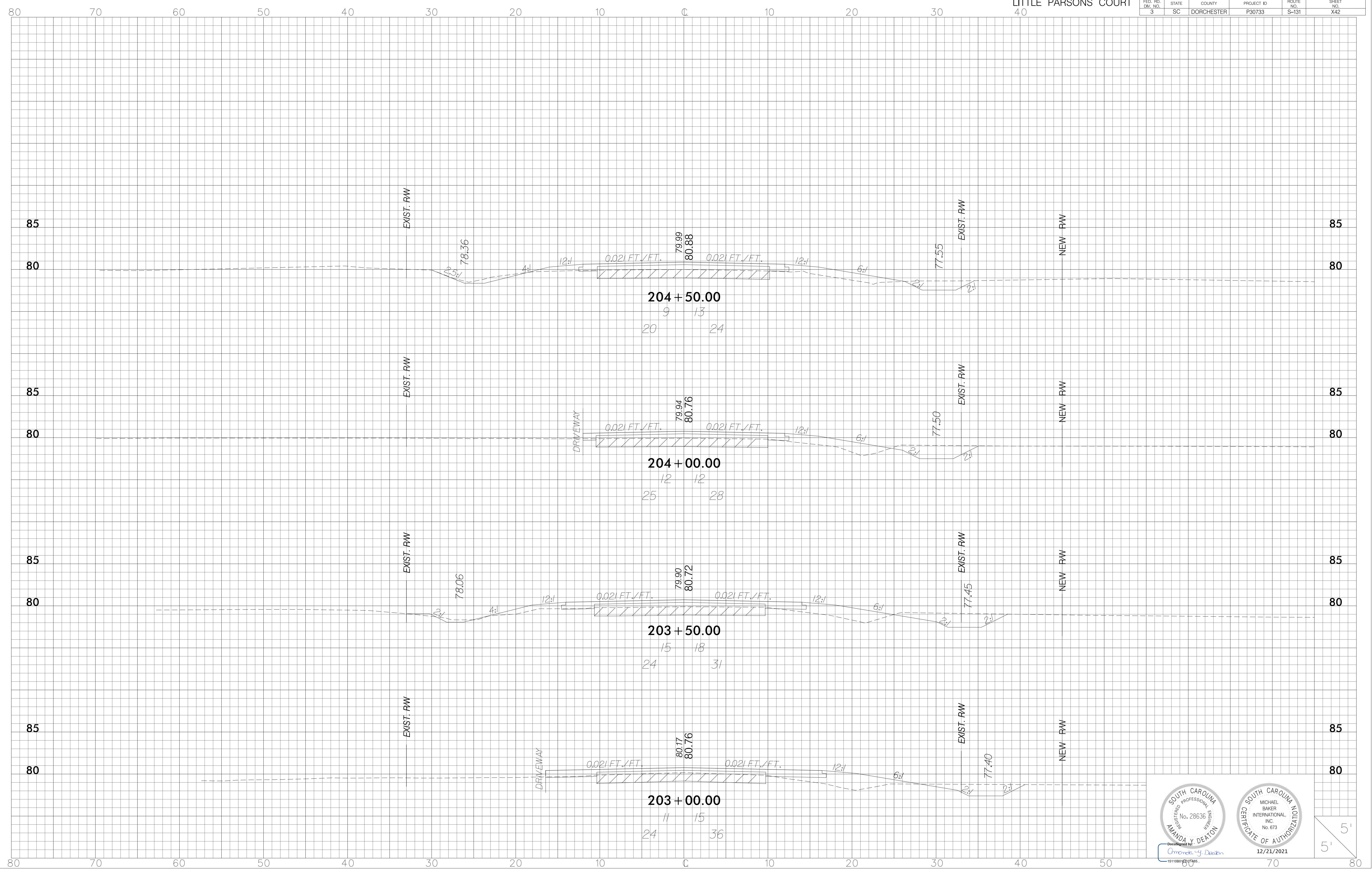
CERTIFICATE OF AUTHORIZATION
12/21/2021



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X41

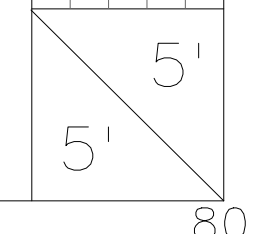


FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X42

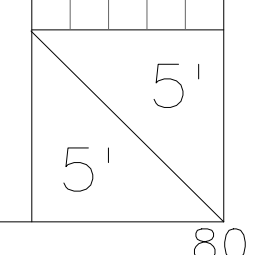
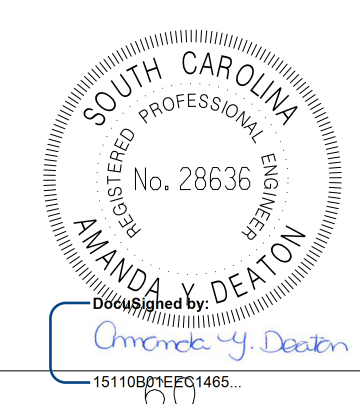
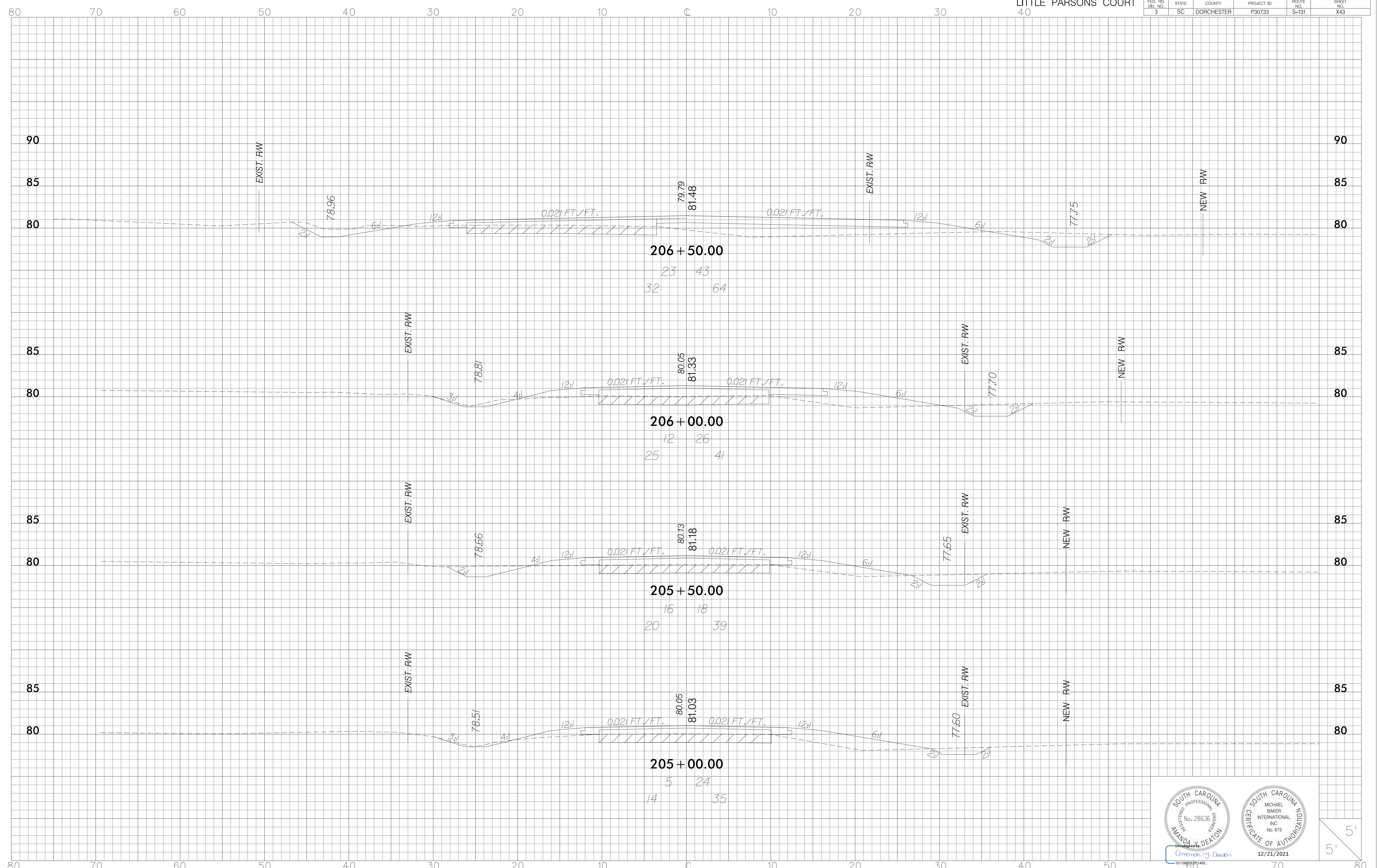


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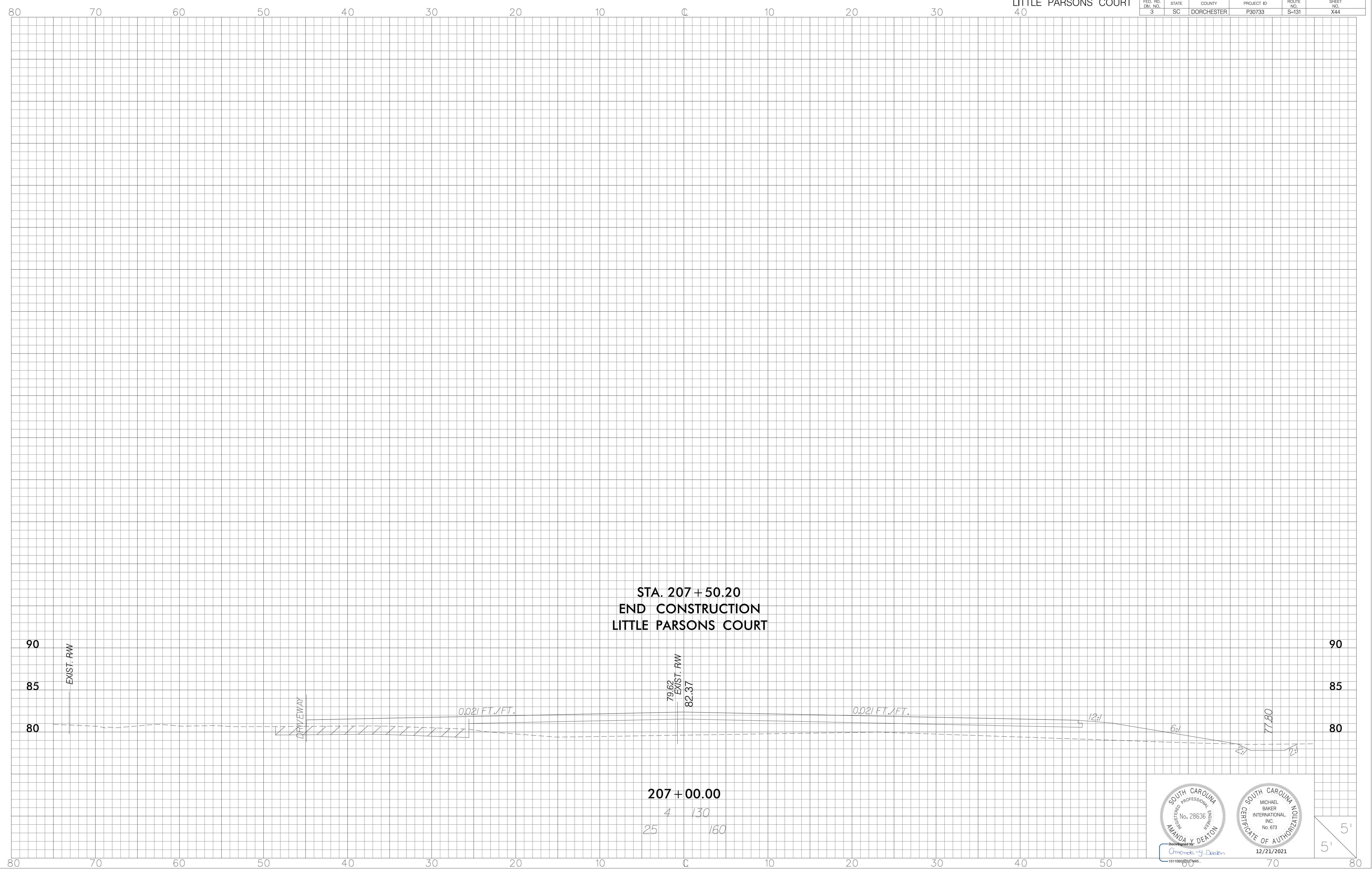
12/21/2021



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
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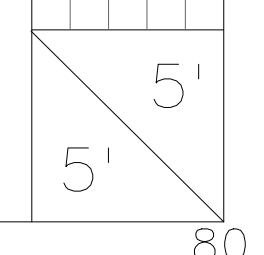
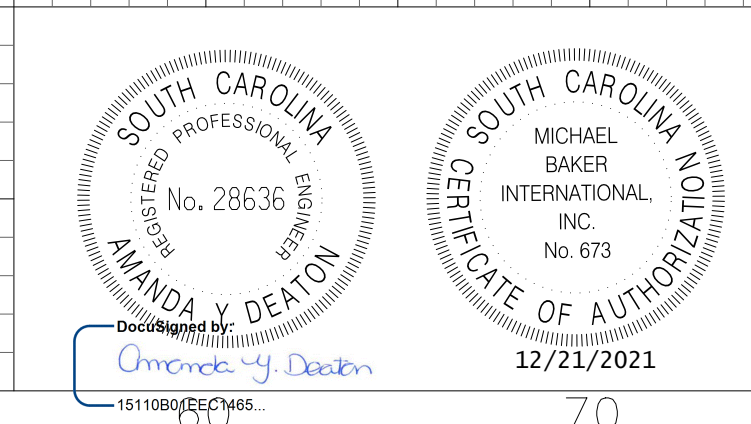


FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X44

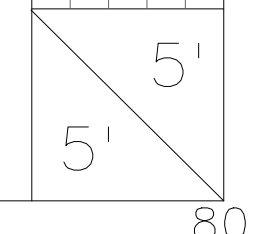
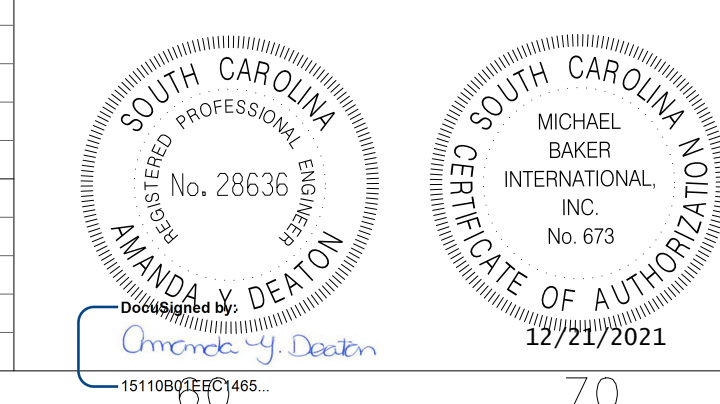
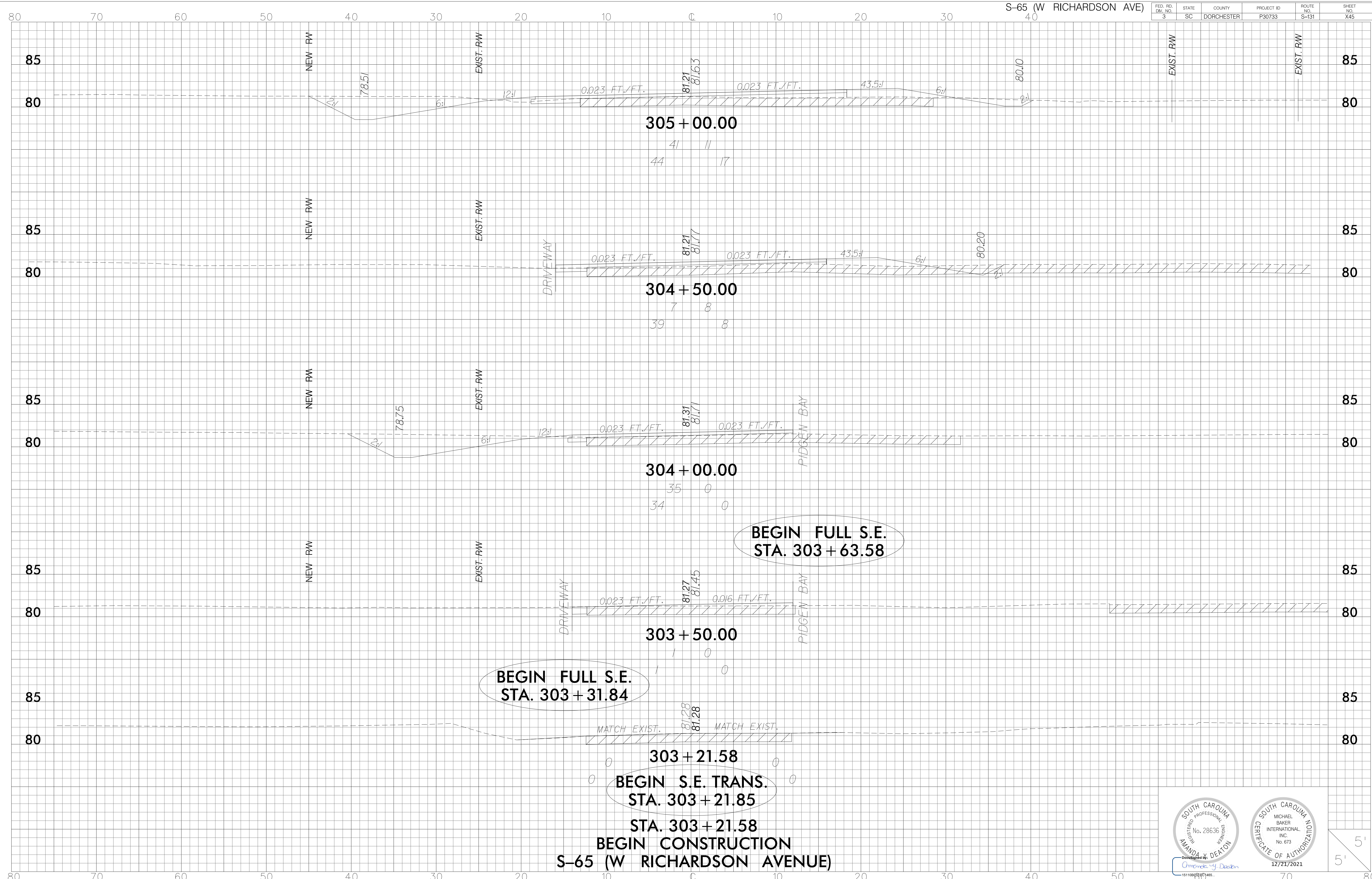


**STA. 207+50.20
END CONSTRUCTION
LITTLE PARSONS COURT**

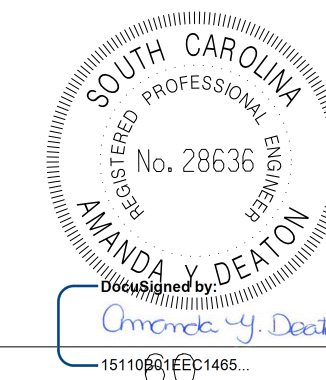
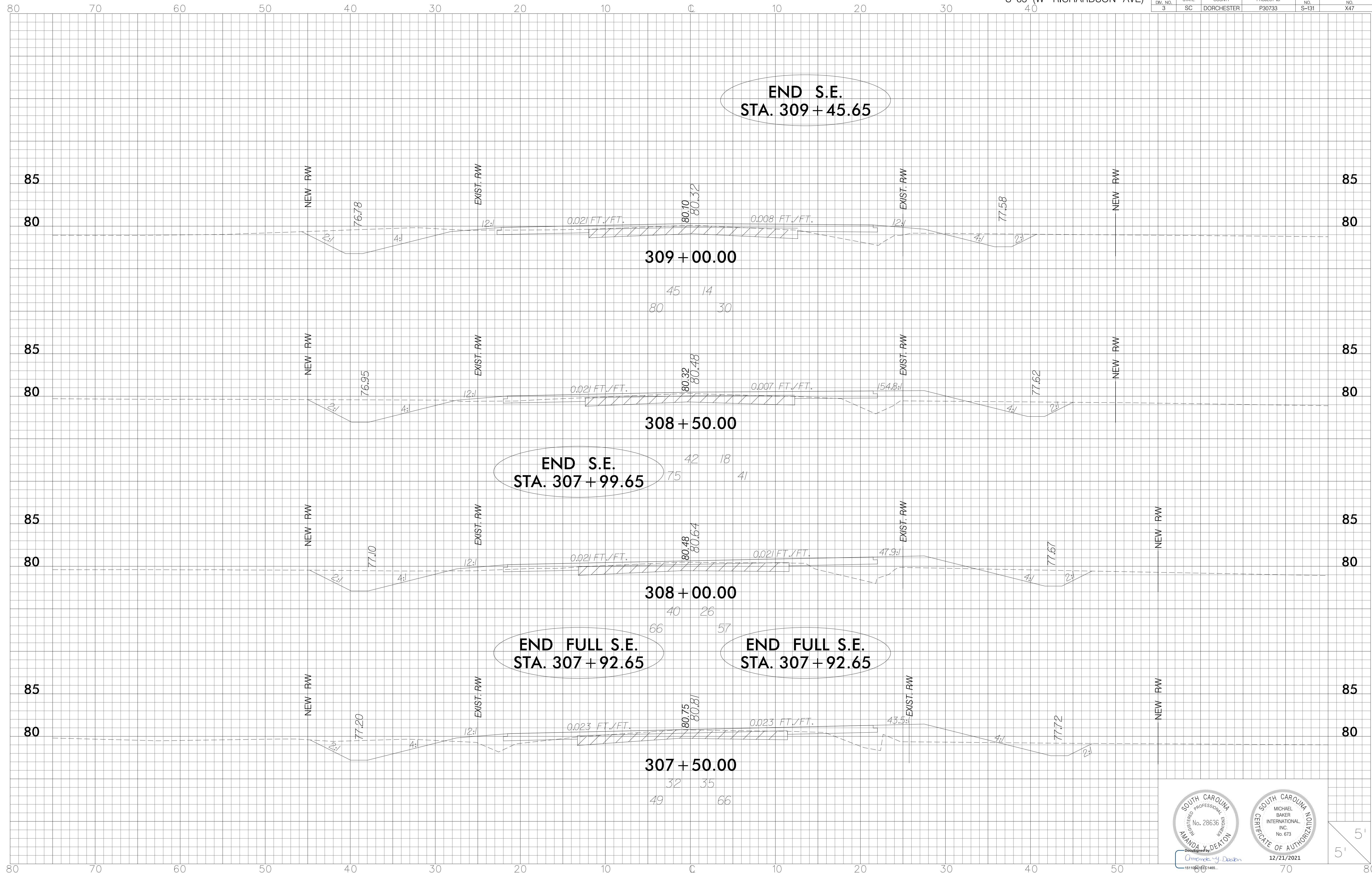
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FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X45
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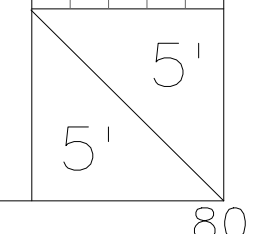


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3	SC	DORCHESTER	P30733	S-131	X47

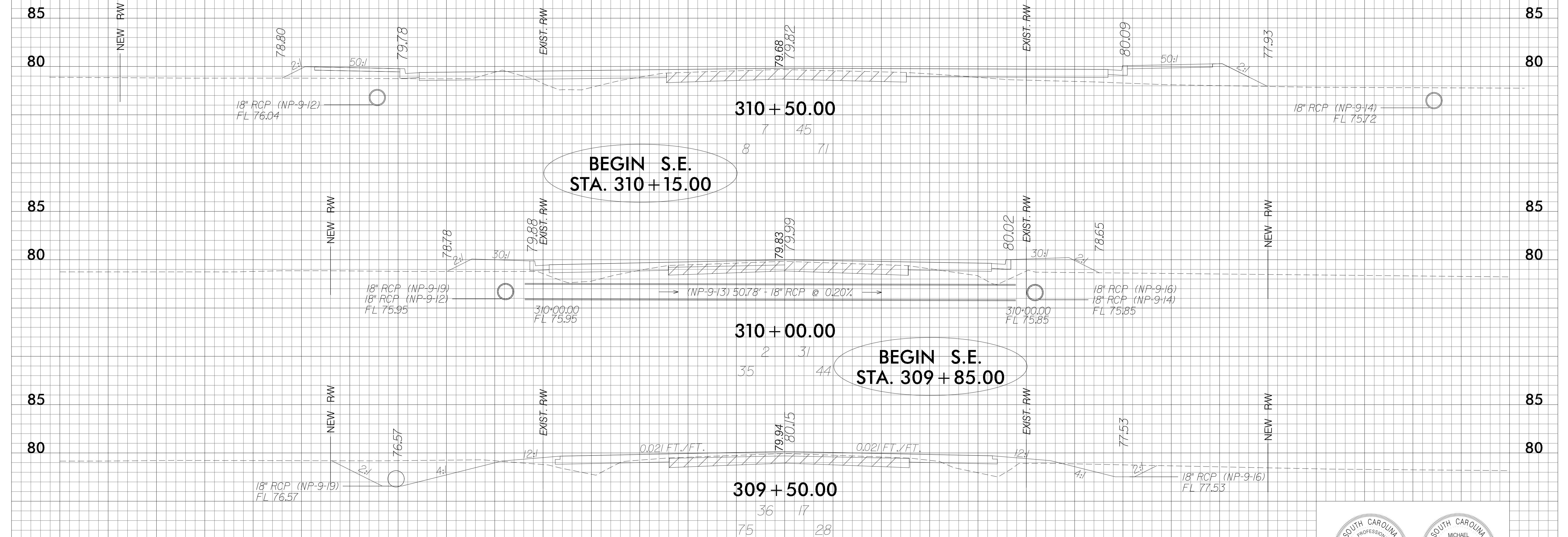


Alanda Y. Deaton
1511865 EEP1465

12/21/2021

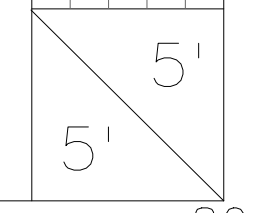
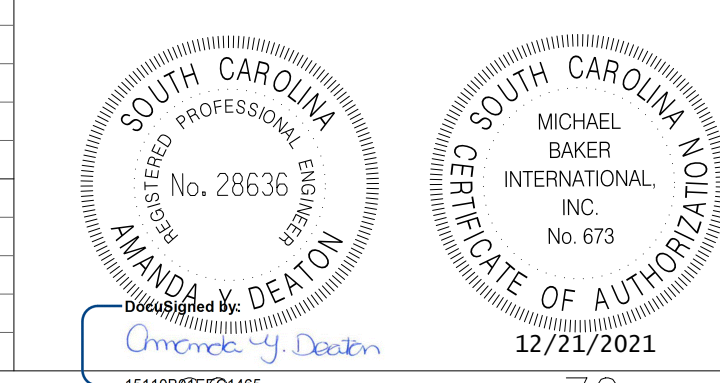


**EXCEPTION TO PROJECT
STA. 310+79.57 TO STA. 311+24.18**

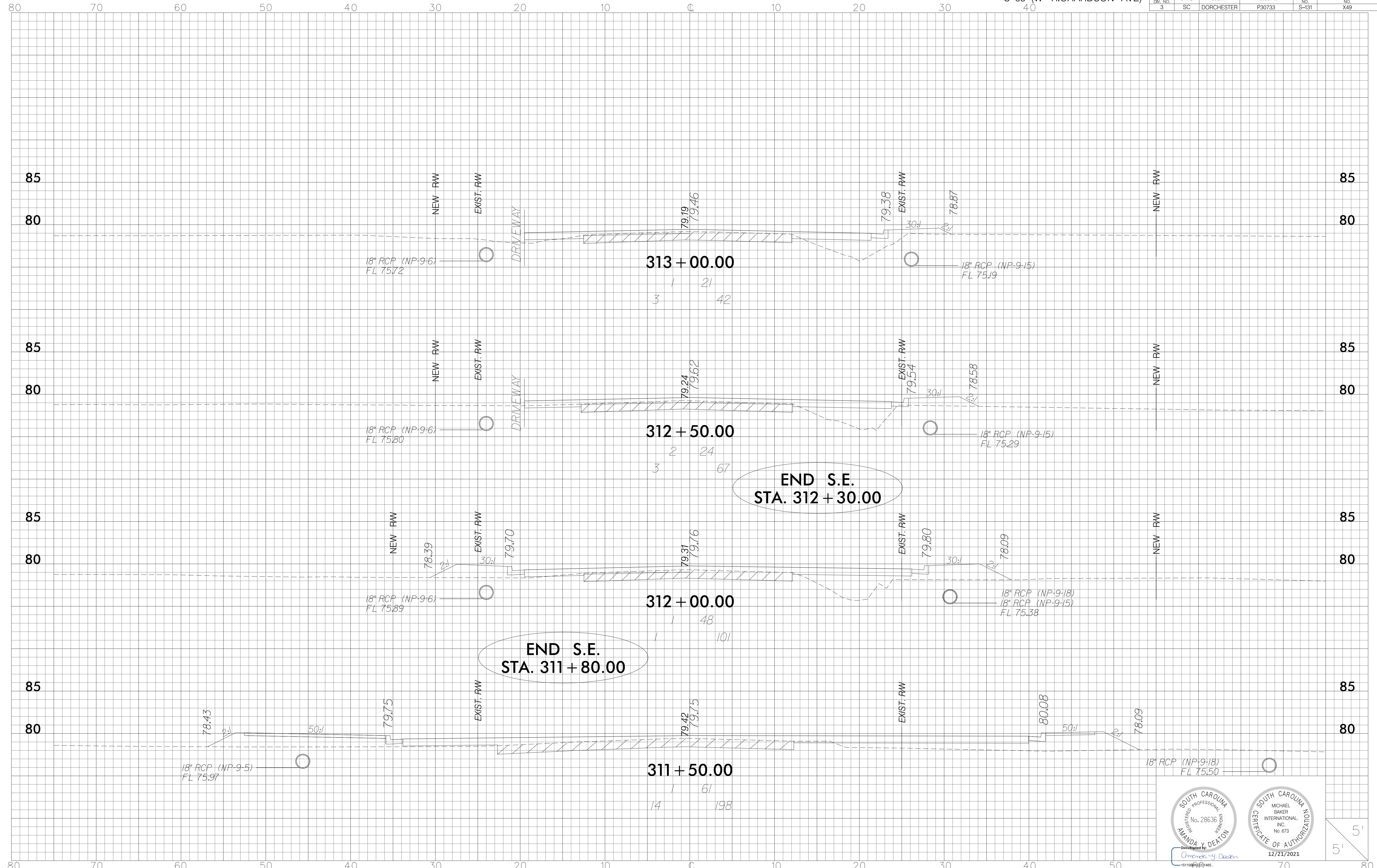


**BEGIN S.E.
STA. 310+15.00**

**BEGIN S.E.
STA. 309+85.00**

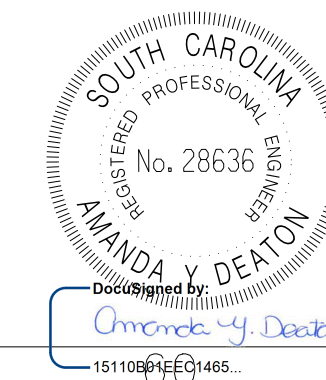


FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X49

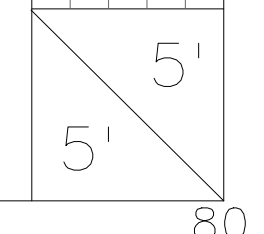


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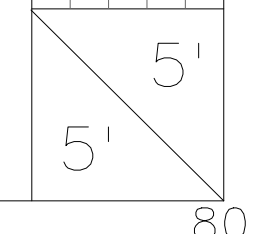
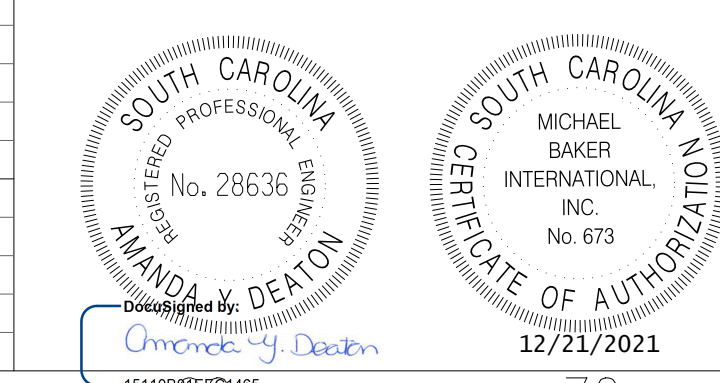
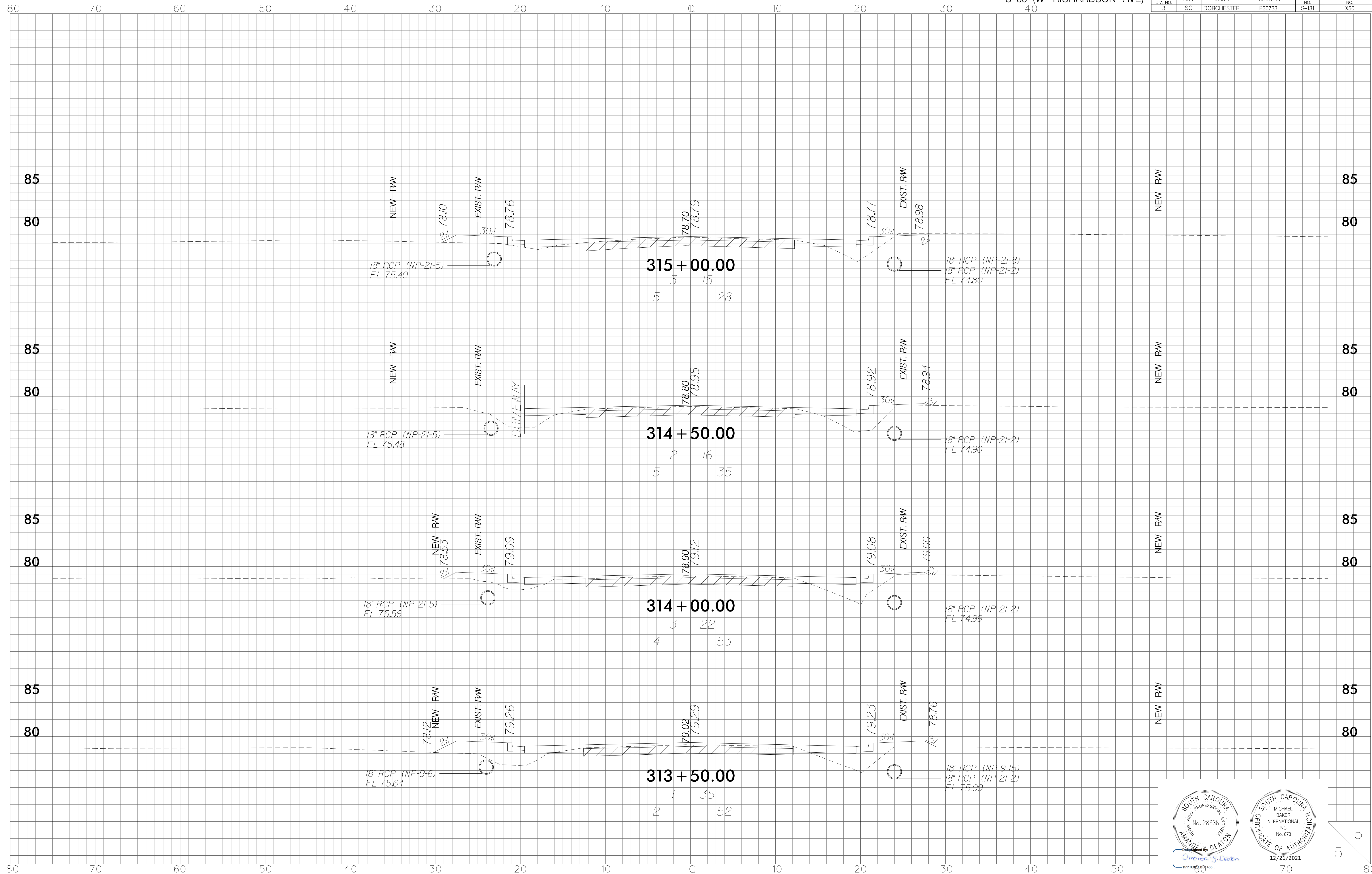
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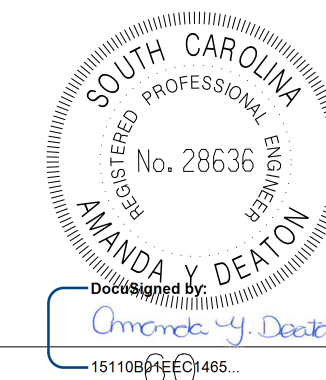
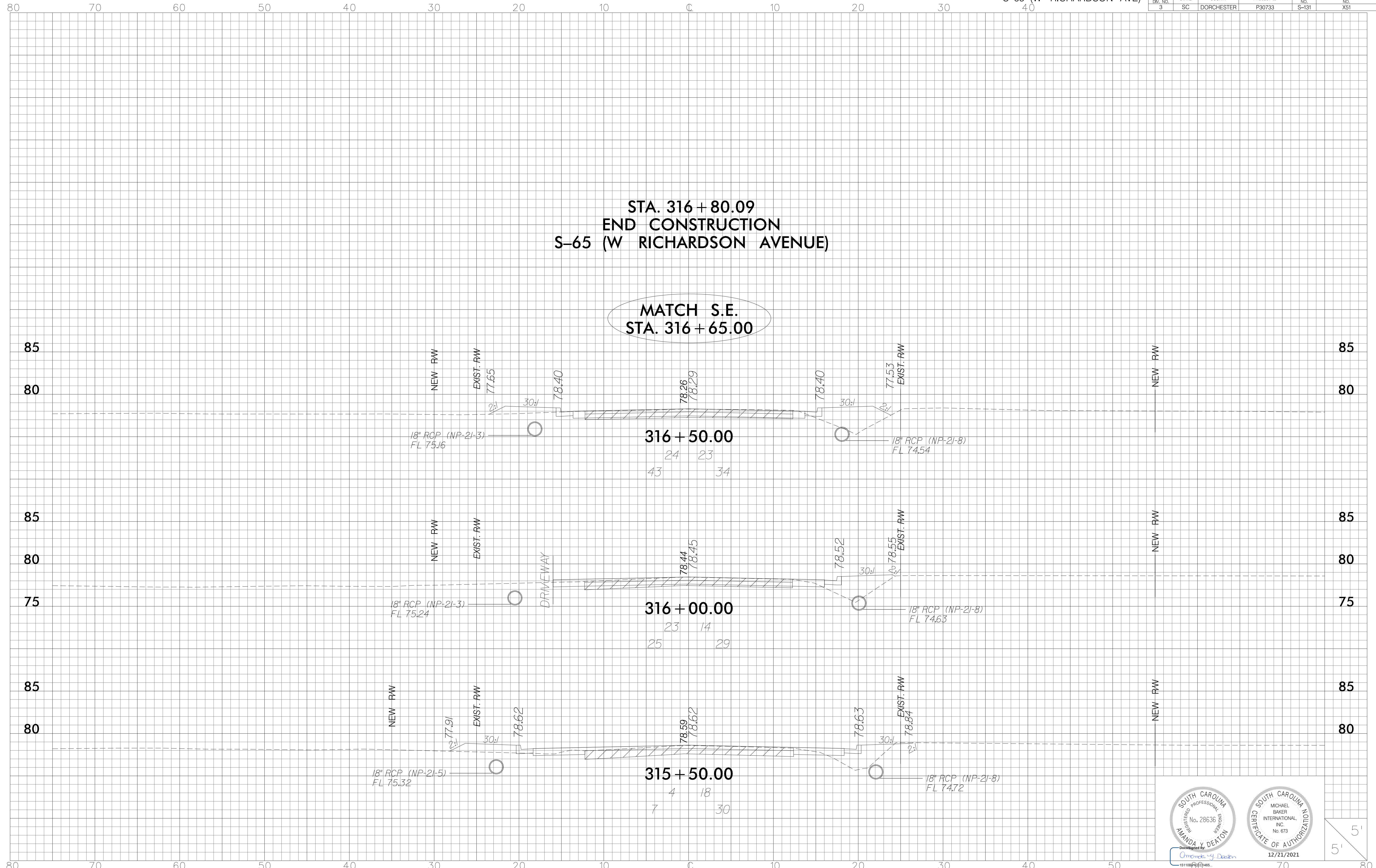
12/21/2021



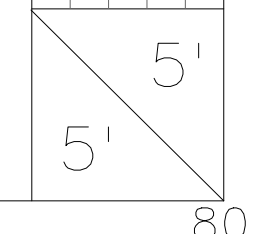
FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X50
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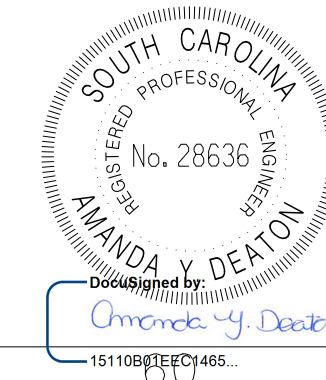
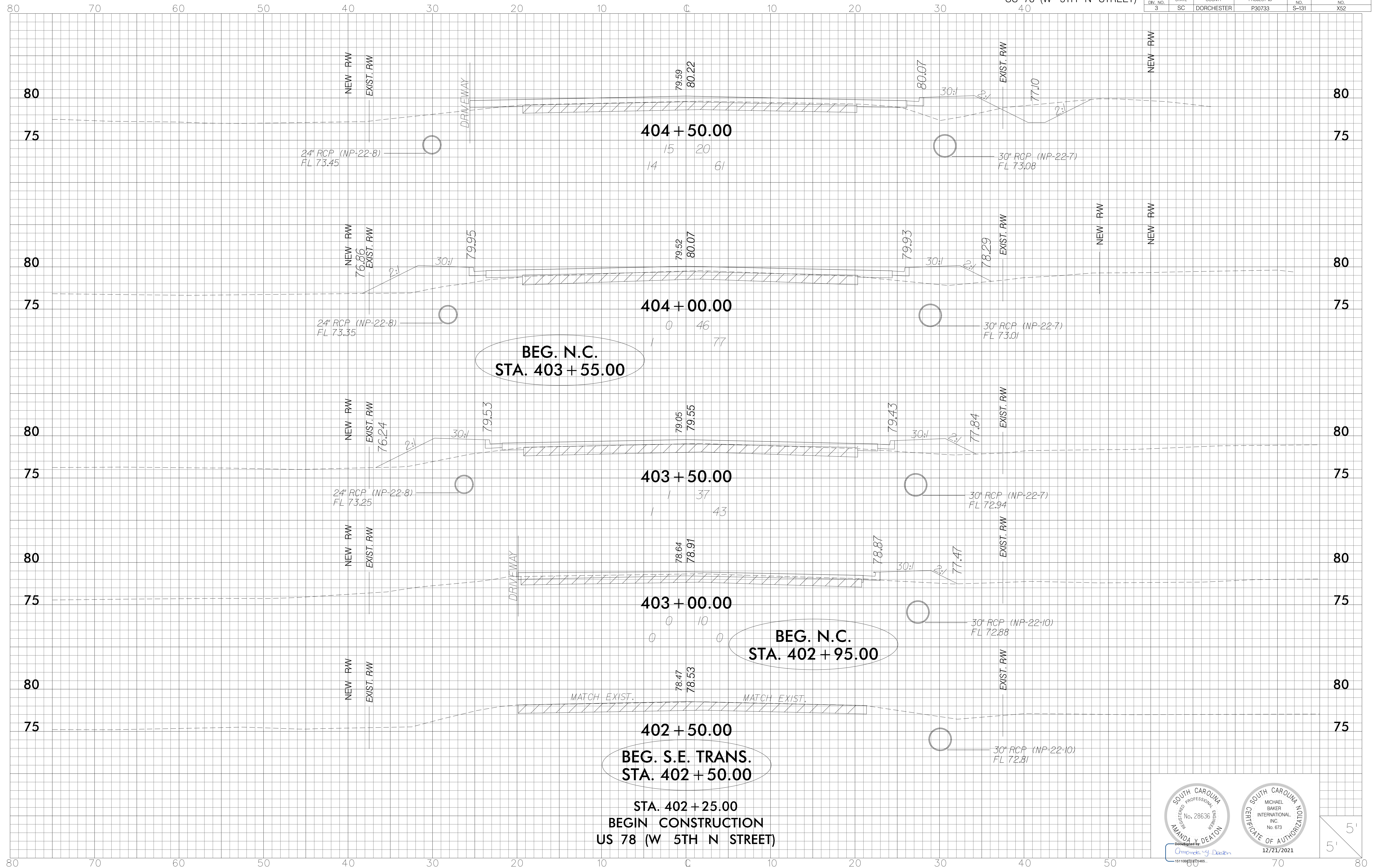
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X51



12/21/2021
1511083465



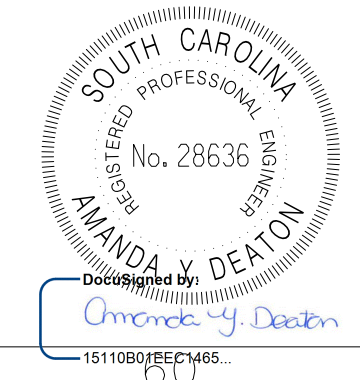
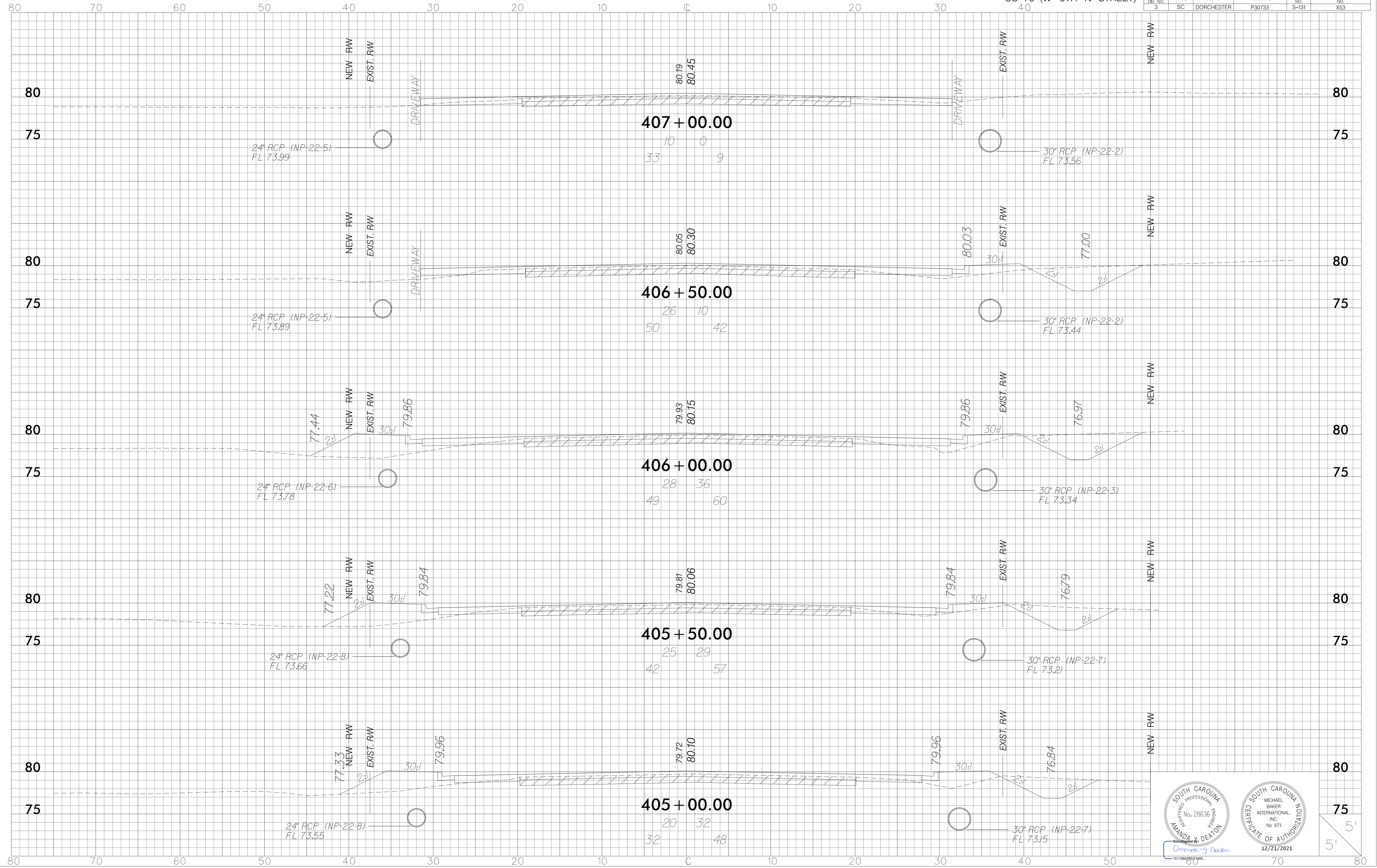
FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X52
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Designed by
Amanda V. Deaton
151108787E00465

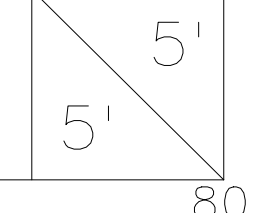
CERTIFICATE OF AUTHORIZATION
12/21/2021

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X53

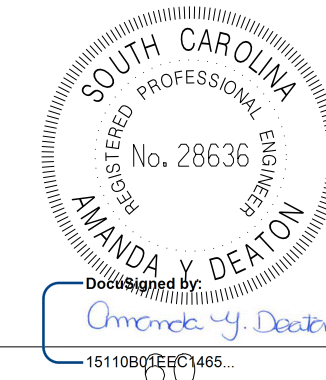
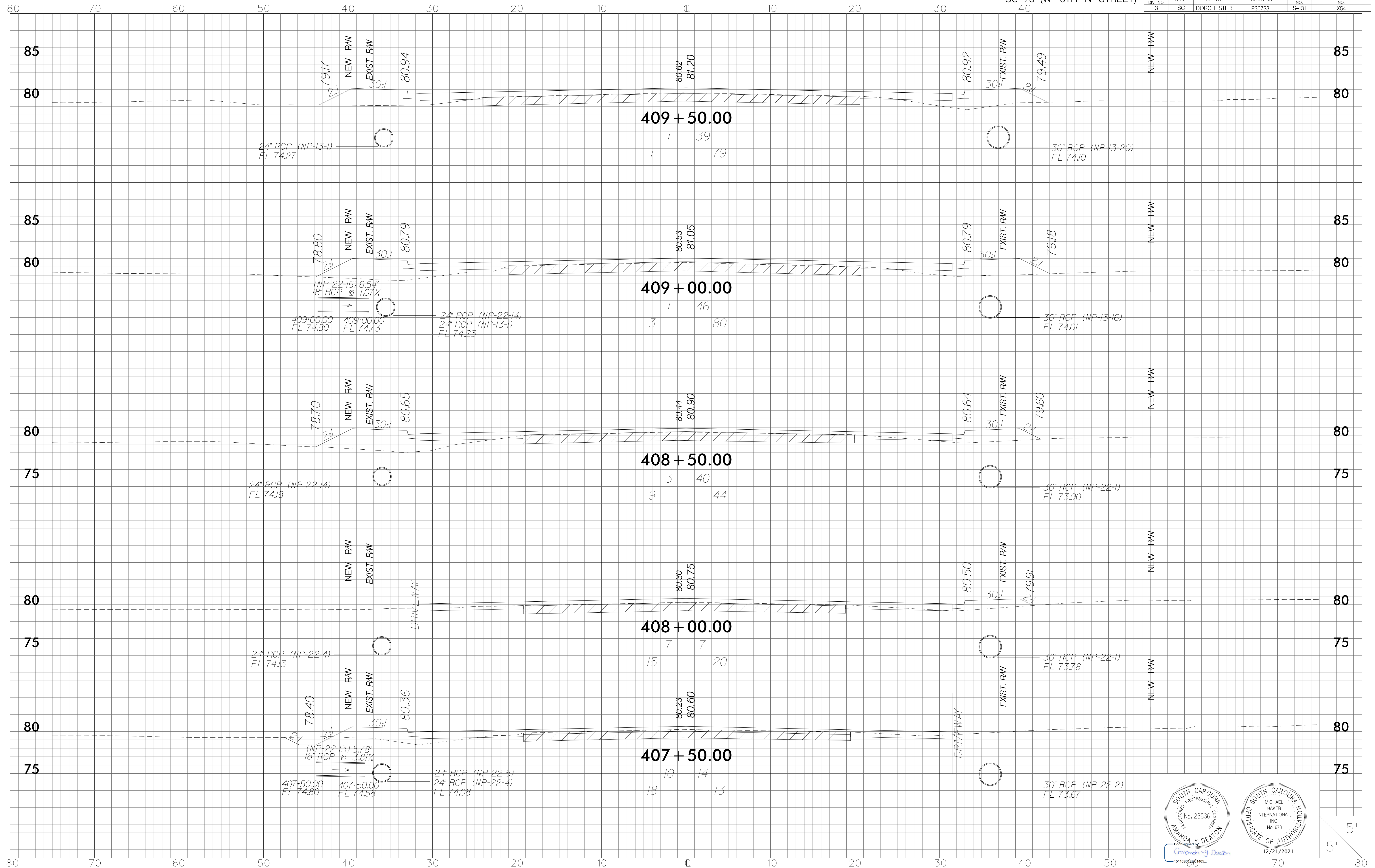


15110000PES0465

12/21/2021



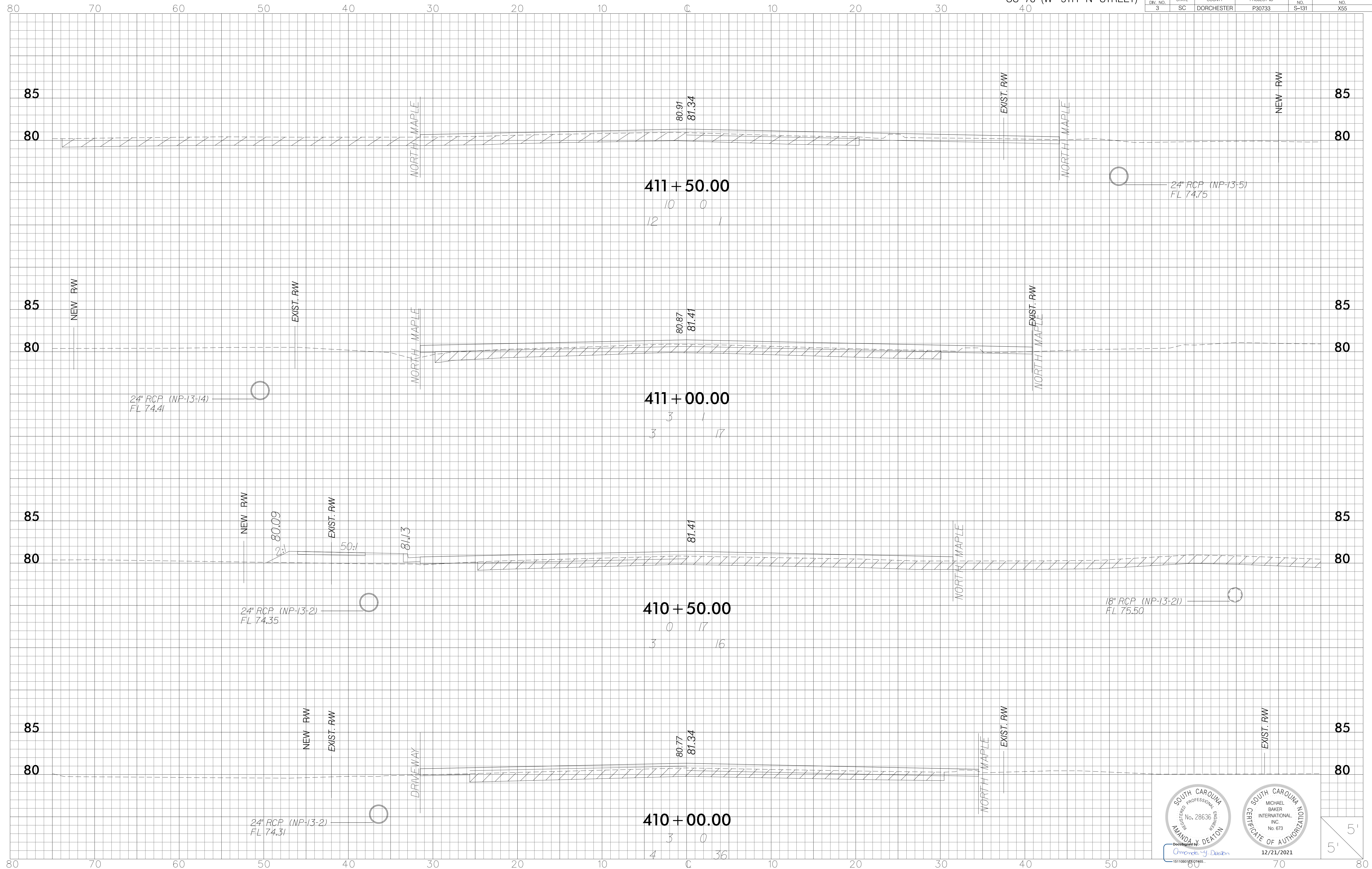
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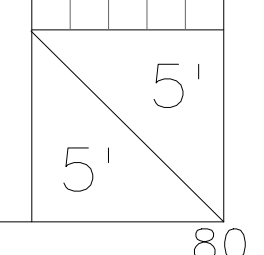
Drawn by
Amanda V. Deaton
151108072501005

CERTIFICATE OF AUTHORIZATION
12/21/2021

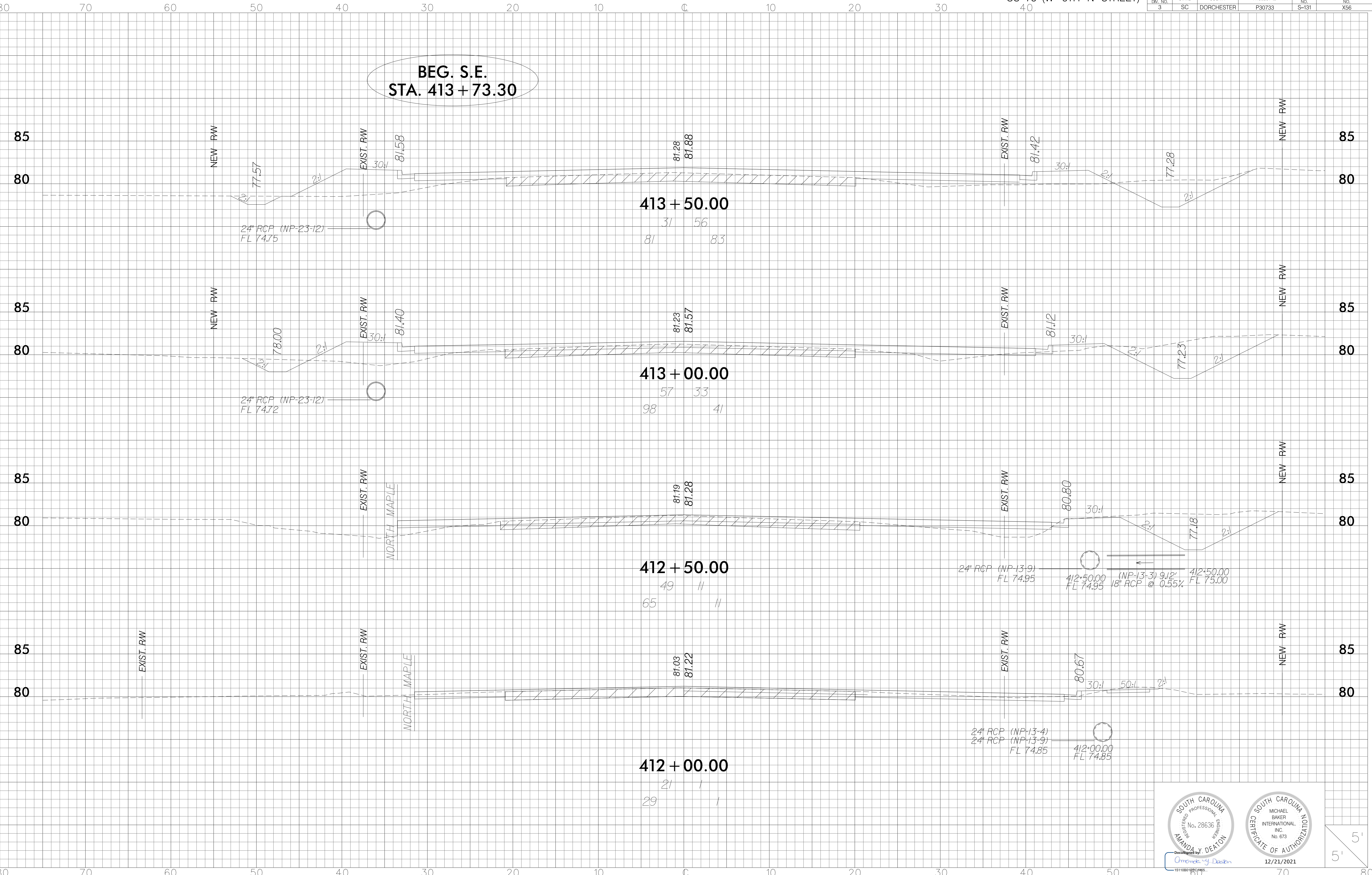
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X55



Professional Engineer Seal for Michael Baker International, Inc. (No. 28636, No. 673) and a Certificate of Authorization for Amanda Y. Deaton (No. 673, dated 12/21/2021). The seal includes the text 'SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER' and 'SOUTH CAROLINA INTERNATIONAL BOARD OF PROFESSIONAL ENGINEERS'.

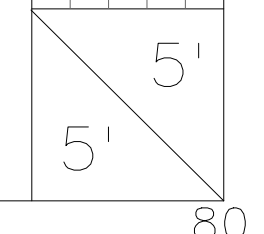


FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X56
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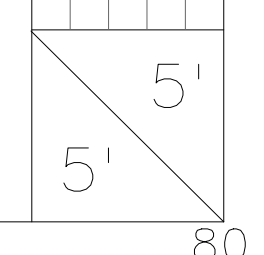
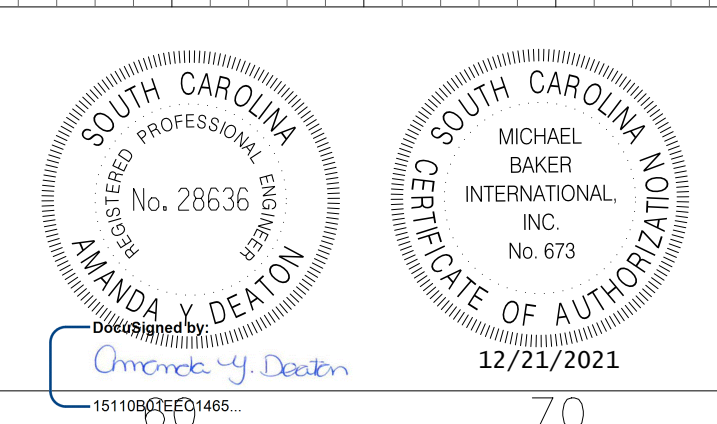
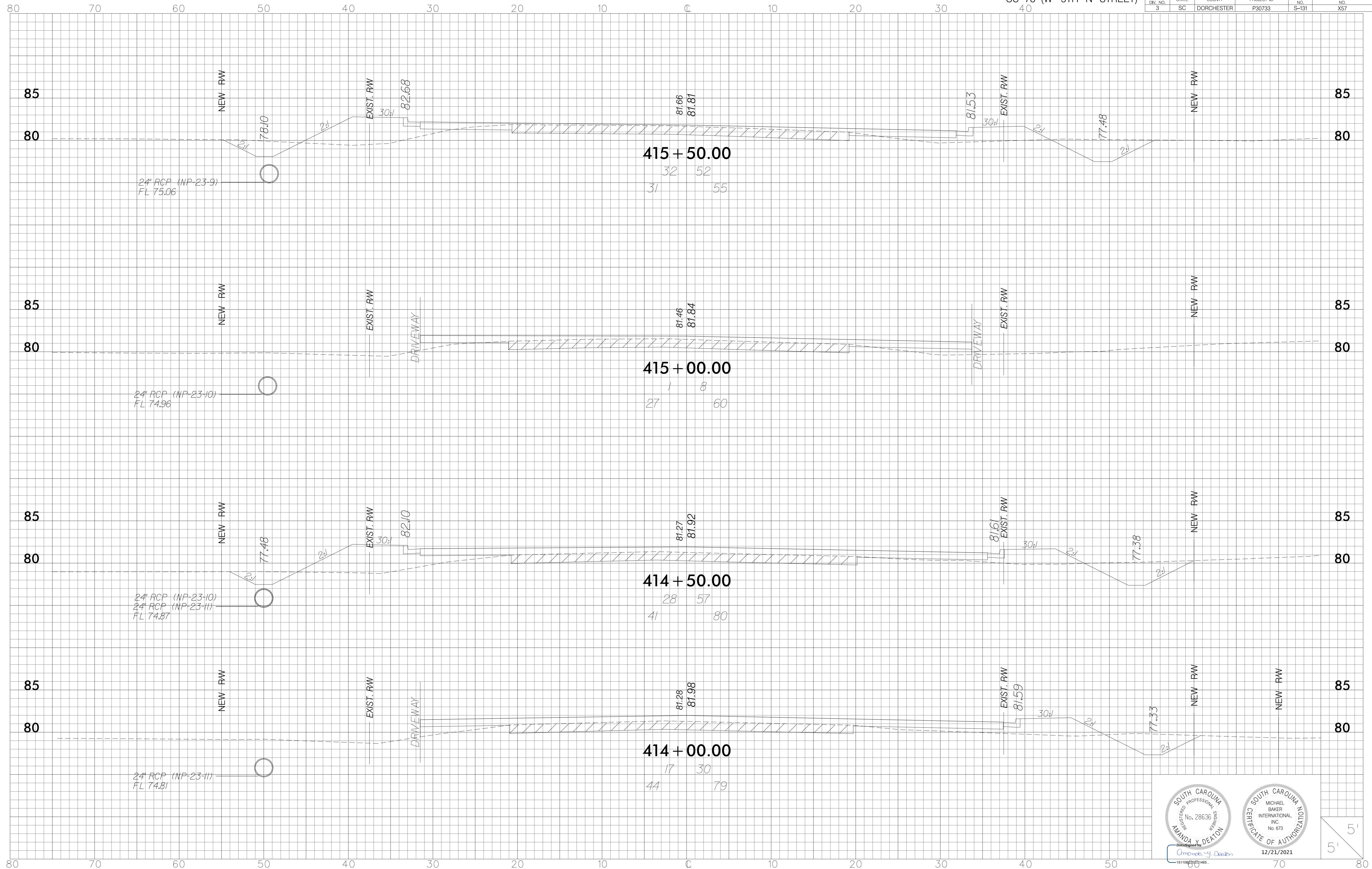


**BEG. S.E.
STA. 413+73.30**

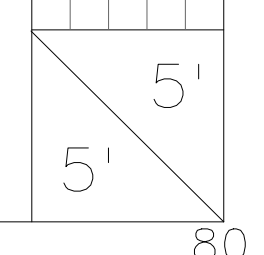
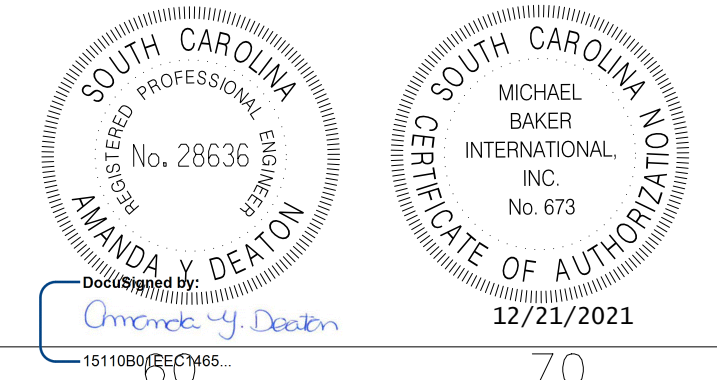
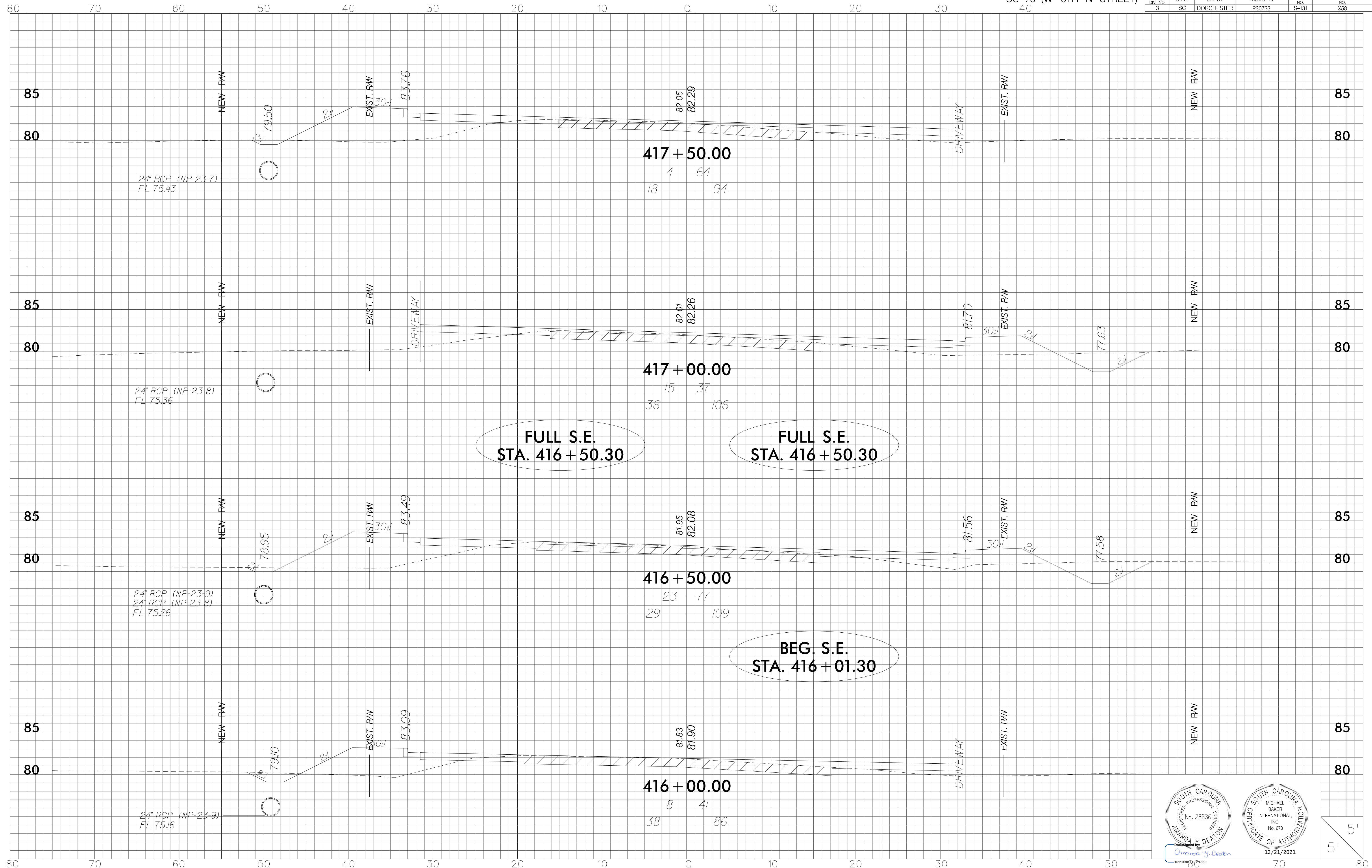
SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
 No. 28636
MICHAEL BAKER INTERNATIONAL INC.
 No. 673
CERTIFICATE OF AUTHORIZATION
 12/21/2021
 Dec. Approved by: *Amanda J. Deaton*
 1511801000000000



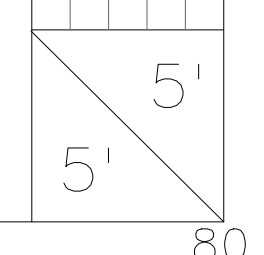
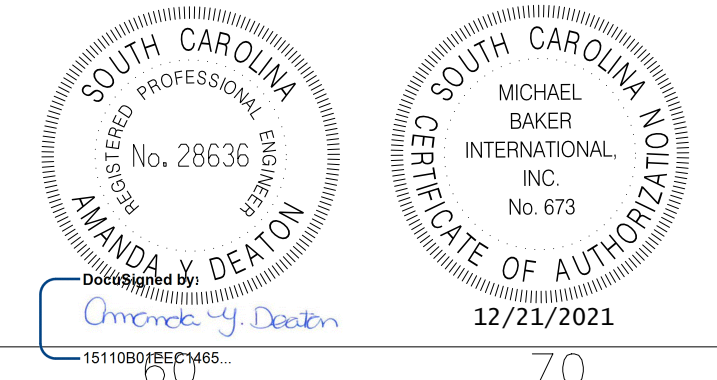
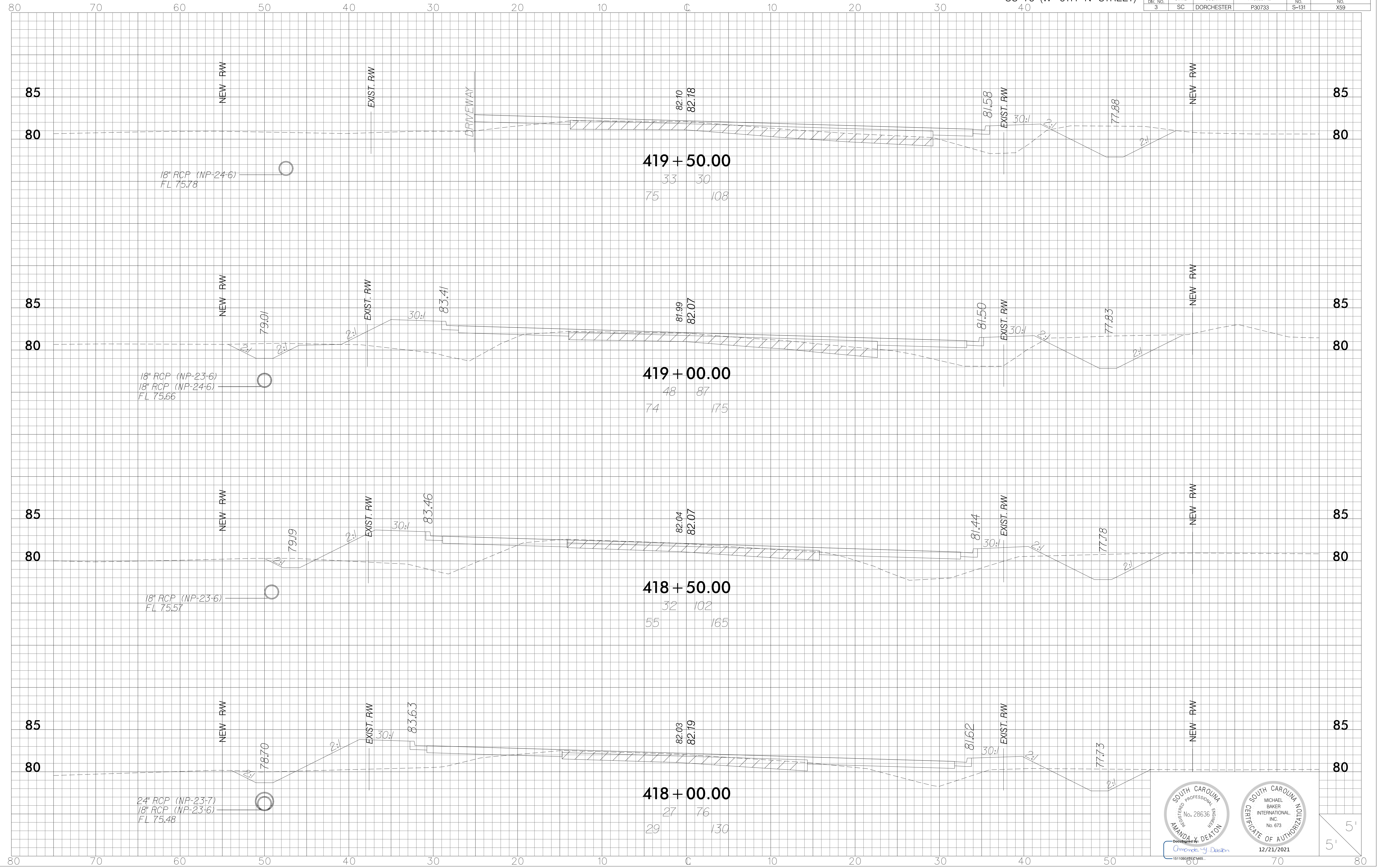
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X57



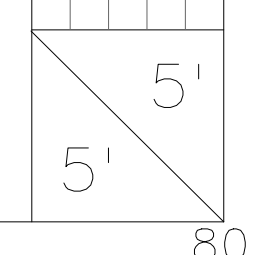
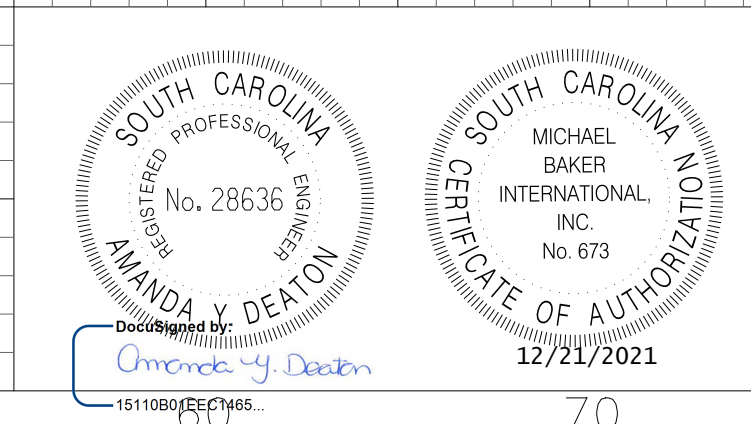
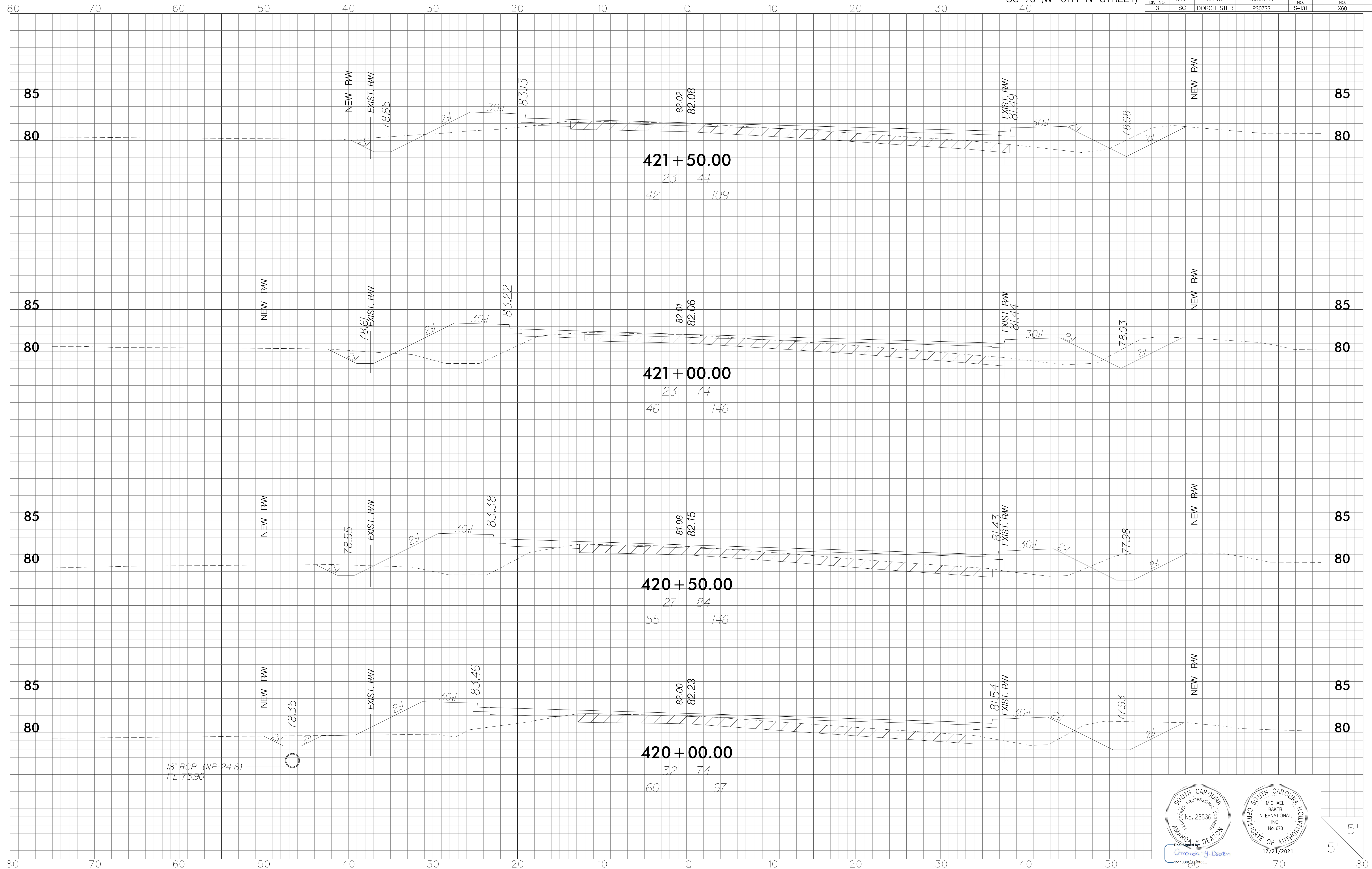
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3	SC	DORCHESTER	P30733	S-131	X58



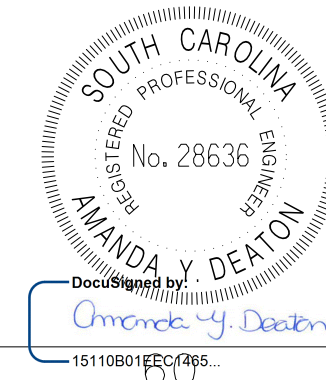
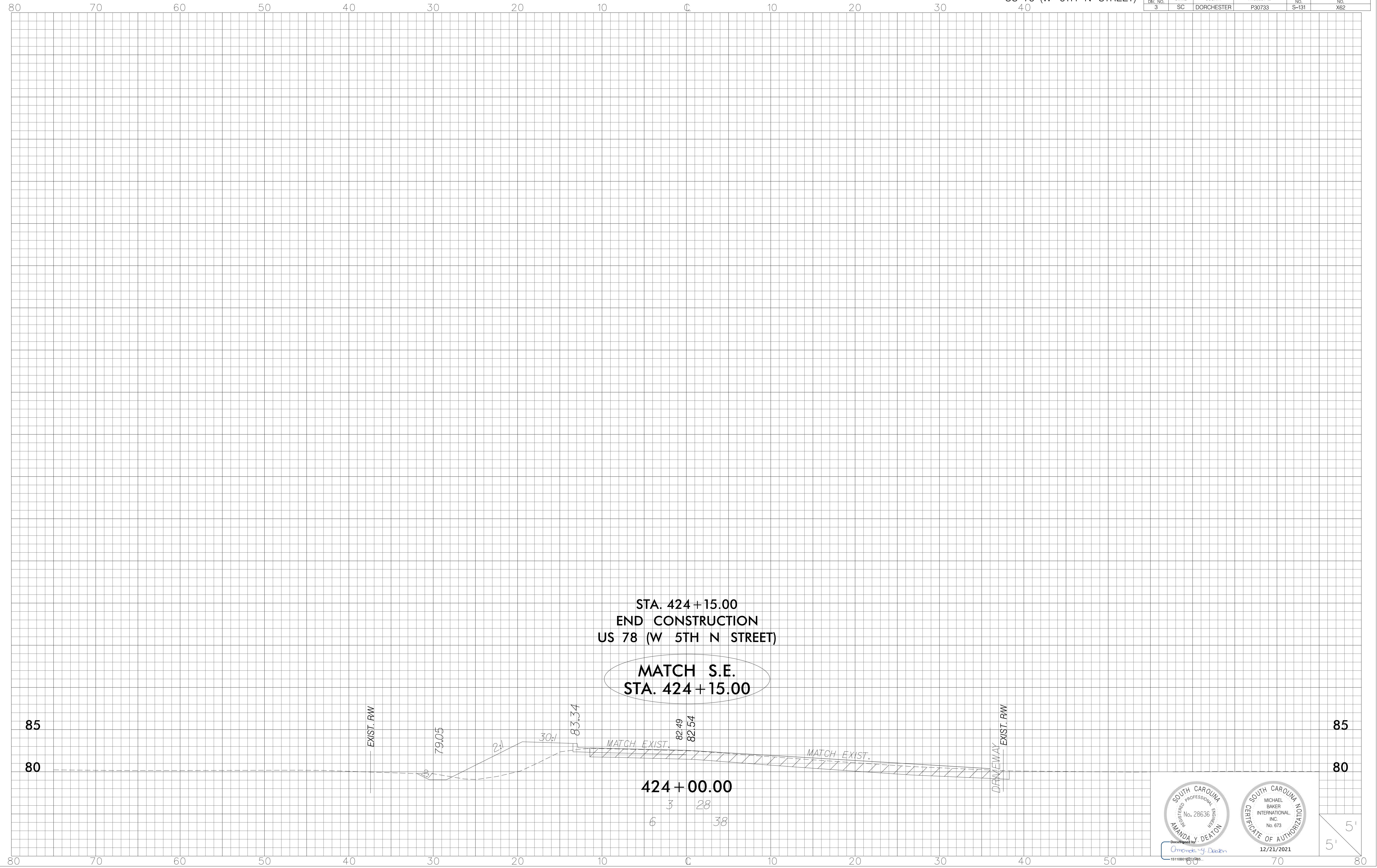
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3	SC	DORCHESTER	P30733	S-131	X59



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3	SC	DORCHESTER	P30733	S-131	X60

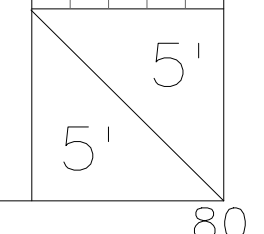


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3	SC	DORCHESTER	P30733	S-131	X62

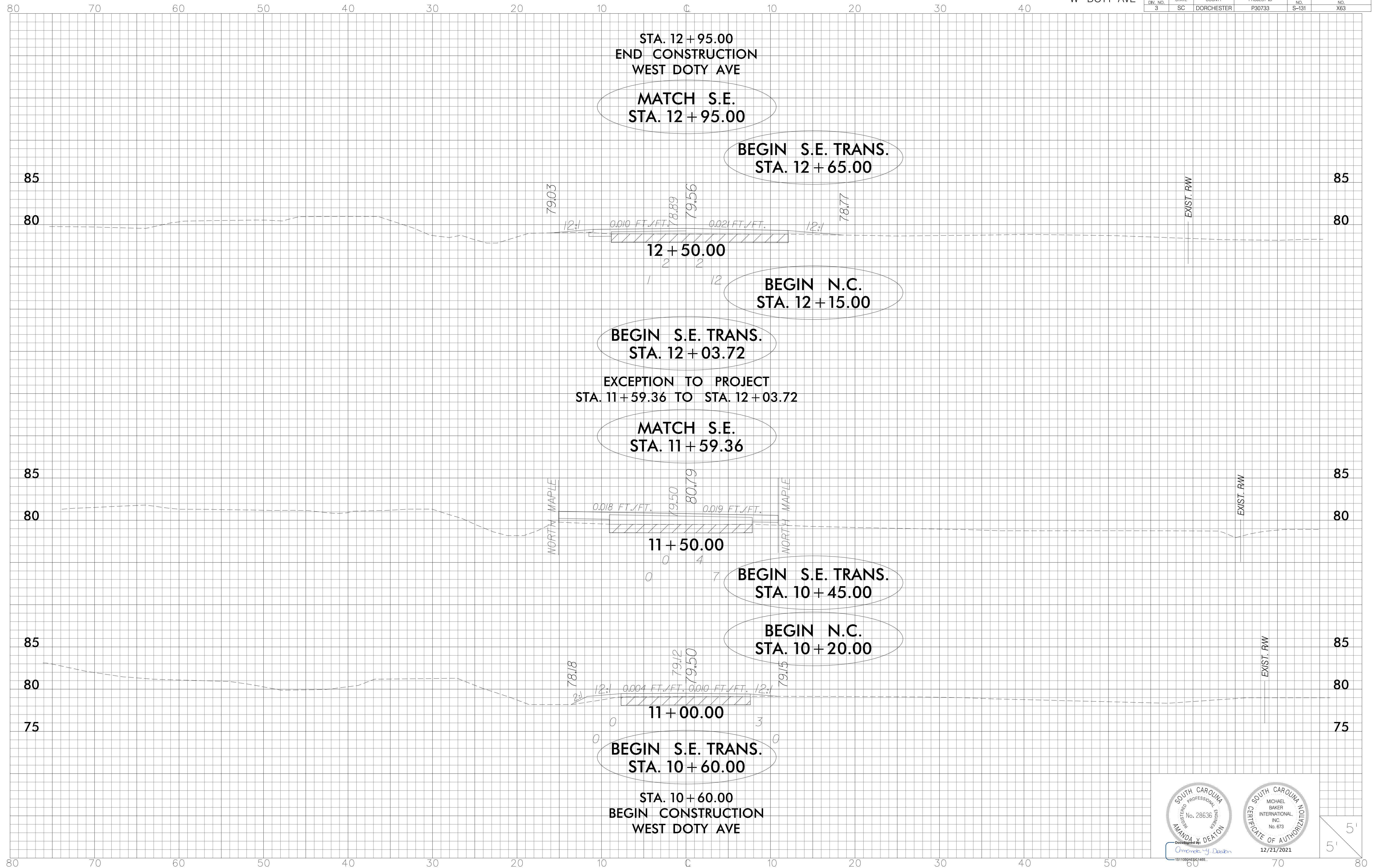


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12/21/2021



FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X63
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STA. 12 + 95.00
END CONSTRUCTION
WEST DOTY AVE

MATCH S.E.
STA. 12 + 95.00

BEGIN S.E. TRANS.
STA. 12 + 65.00

BEGIN N.C.
STA. 12 + 15.00

BEGIN S.E. TRANS.
STA. 12 + 03.72

EXCEPTION TO PROJECT
STA. 11 + 59.36 TO STA. 12 + 03.72

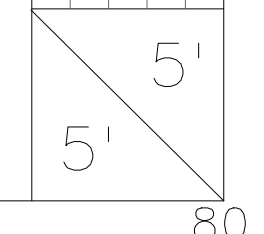
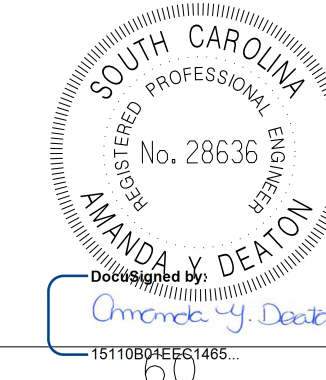
MATCH S.E.
STA. 11 + 59.36

BEGIN S.E. TRANS.
STA. 10 + 45.00

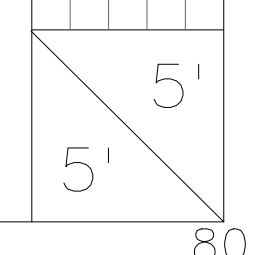
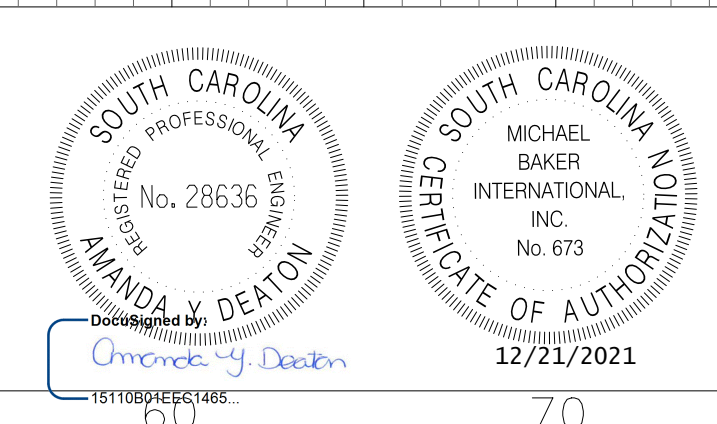
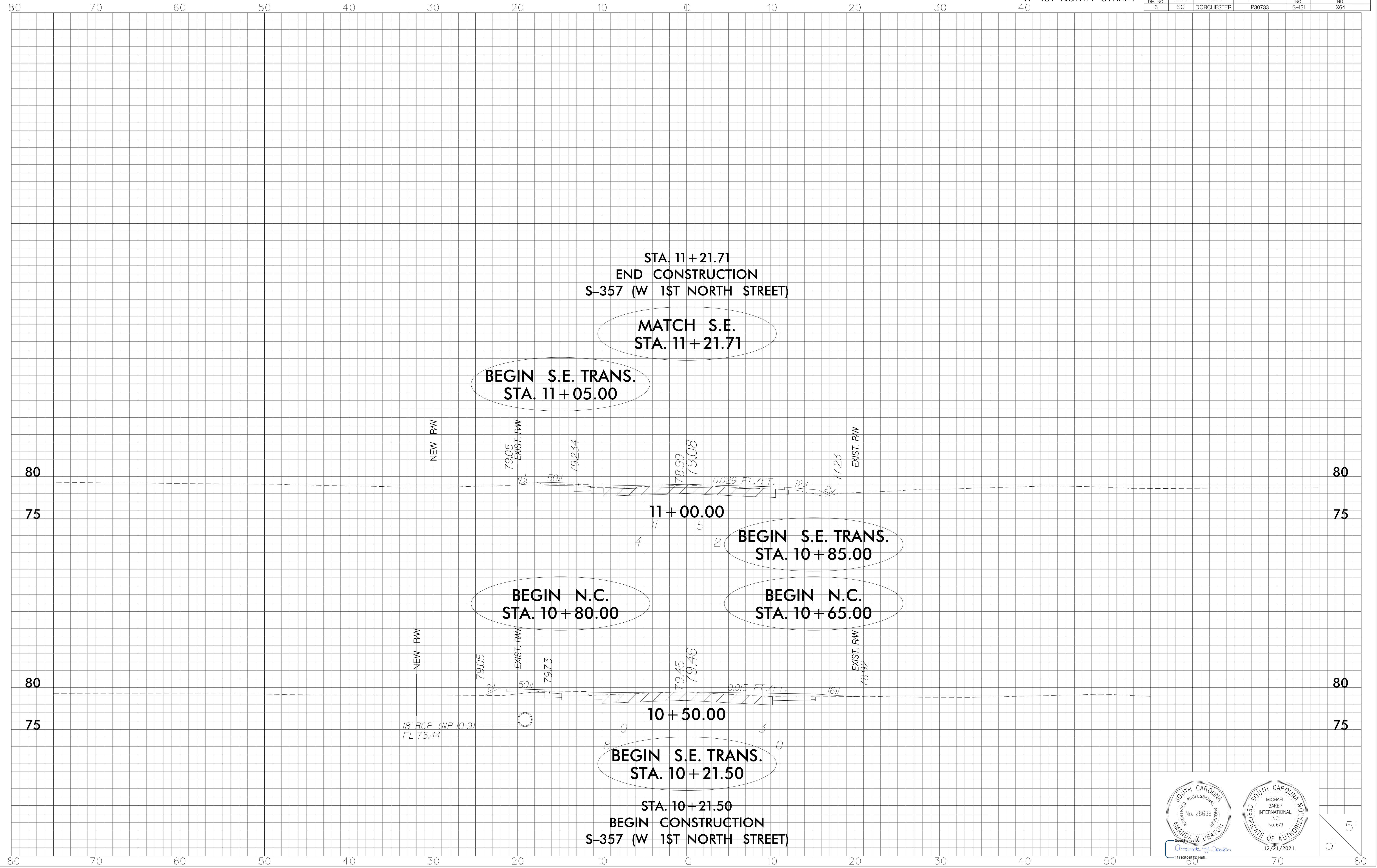
BEGIN N.C.
STA. 10 + 20.00

BEGIN S.E. TRANS.
STA. 10 + 60.00

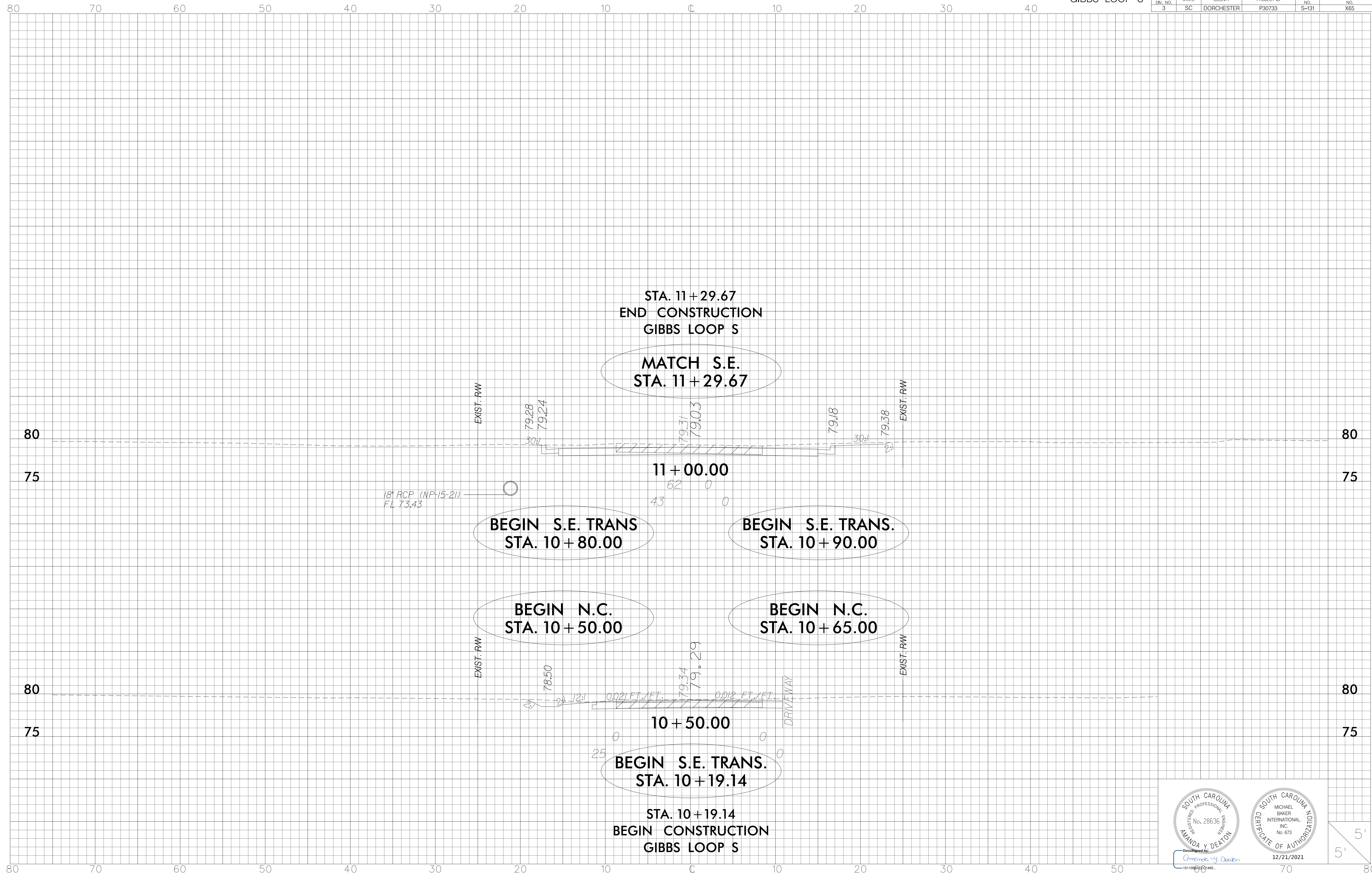
STA. 10 + 60.00
BEGIN CONSTRUCTION
WEST DOTY AVE



FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X64
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X65

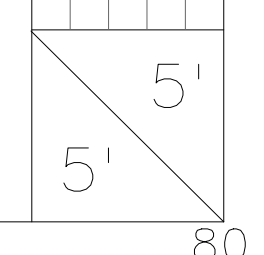


Professional Engineer Seal for Amanda Y. Deaton, State of South Carolina, License No. 28636.

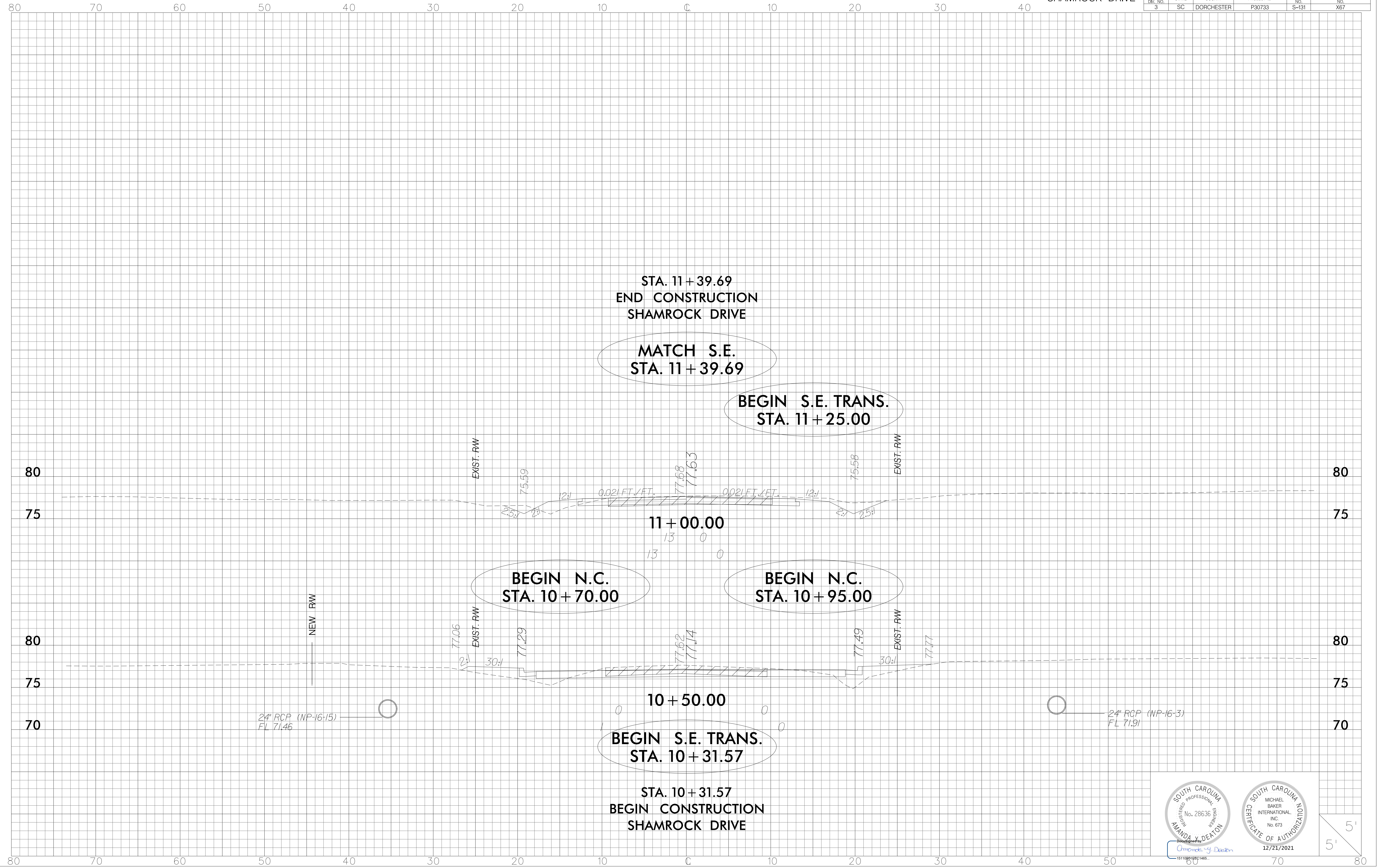
Professional Engineer Seal for Michael Baker International, Inc., License No. 673.

Professional Engineer Seal for Michael Baker International, Inc., License No. 673, dated 12/21/2021.

Company Logo: Amey & Deaton



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X67



STA. 11 + 39.69
 END CONSTRUCTION
 SHAMROCK DRIVE

MATCH S.E.
 STA. 11 + 39.69

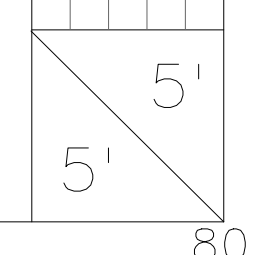
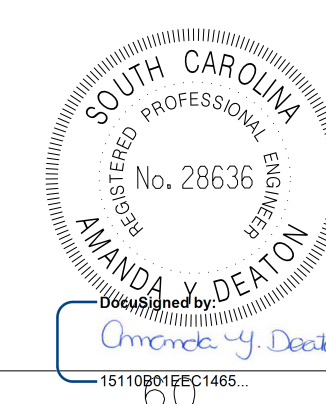
BEGIN S.E. TRANS.
 STA. 11 + 25.00

BEGIN N.C.
 STA. 10 + 70.00

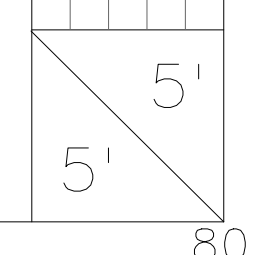
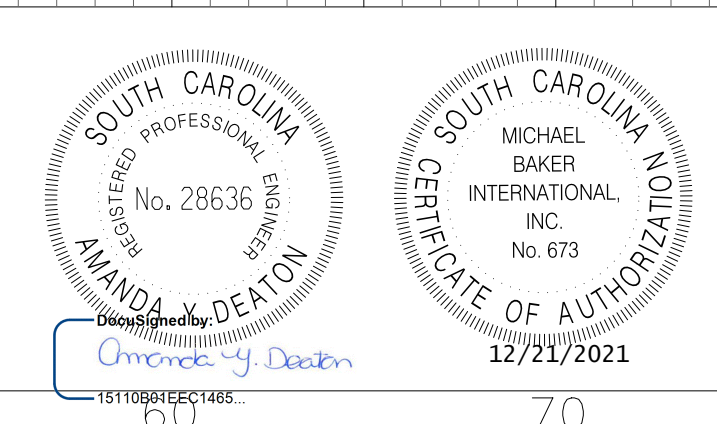
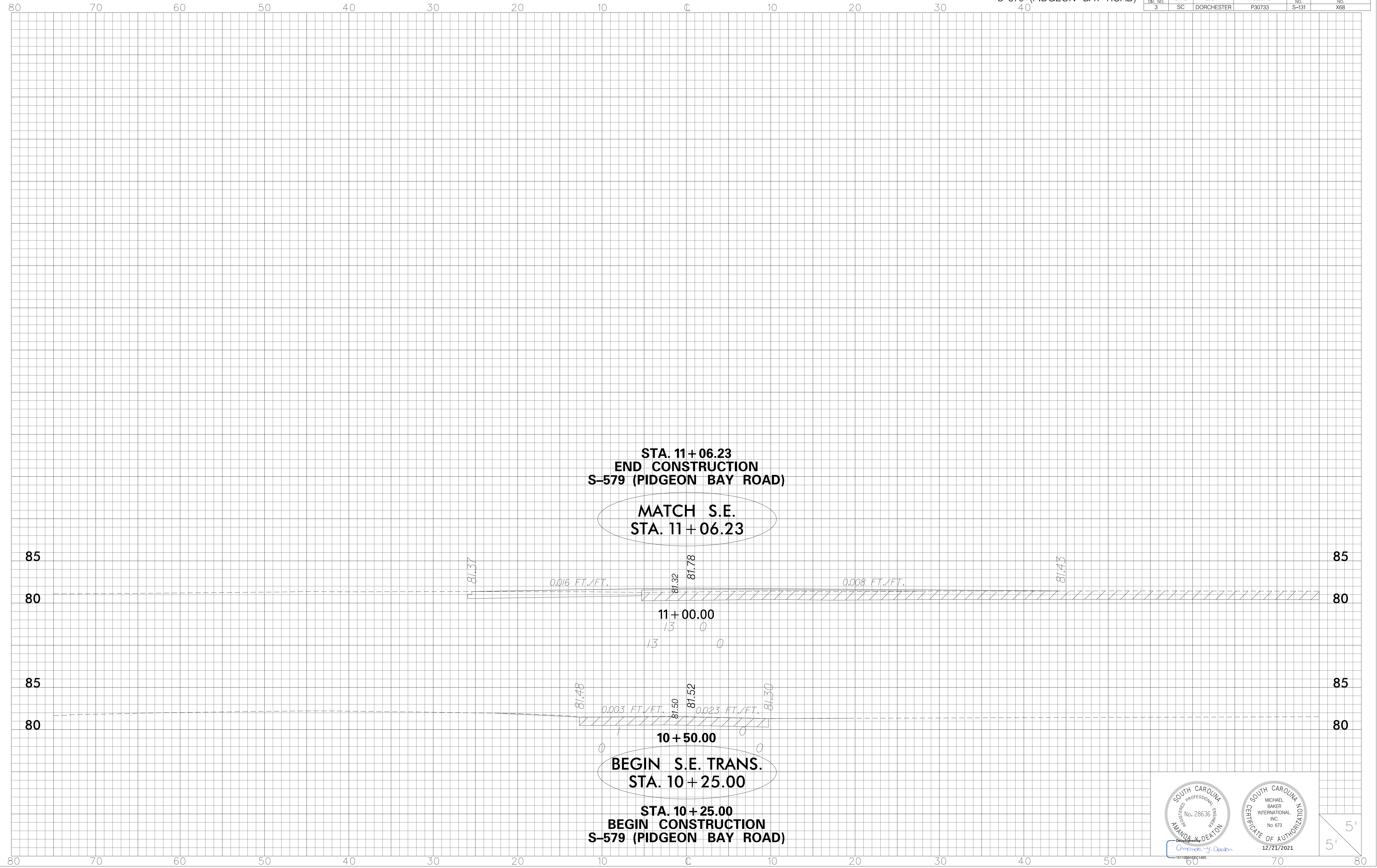
BEGIN N.C.
 STA. 10 + 95.00

BEGIN S.E. TRANS.
 STA. 10 + 31.57

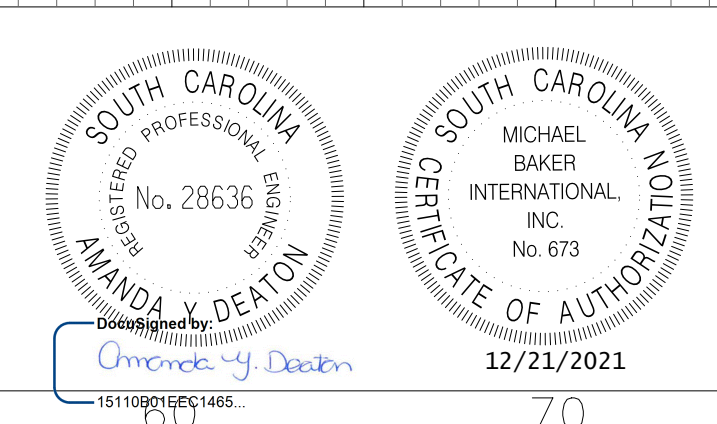
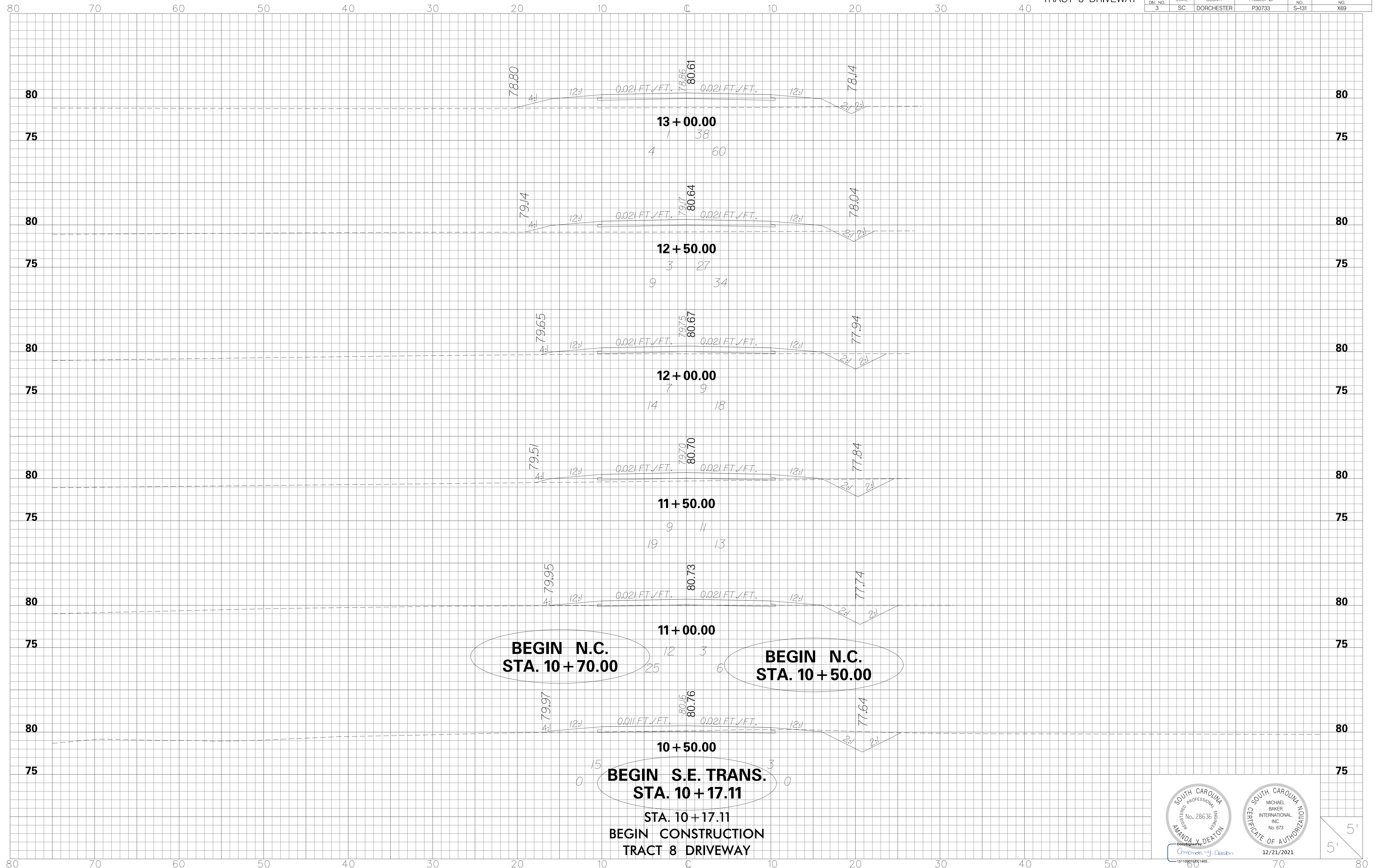
STA. 10 + 31.57
 BEGIN CONSTRUCTION
 SHAMROCK DRIVE



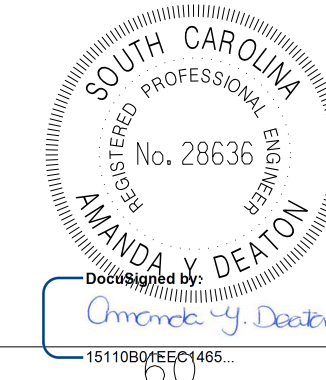
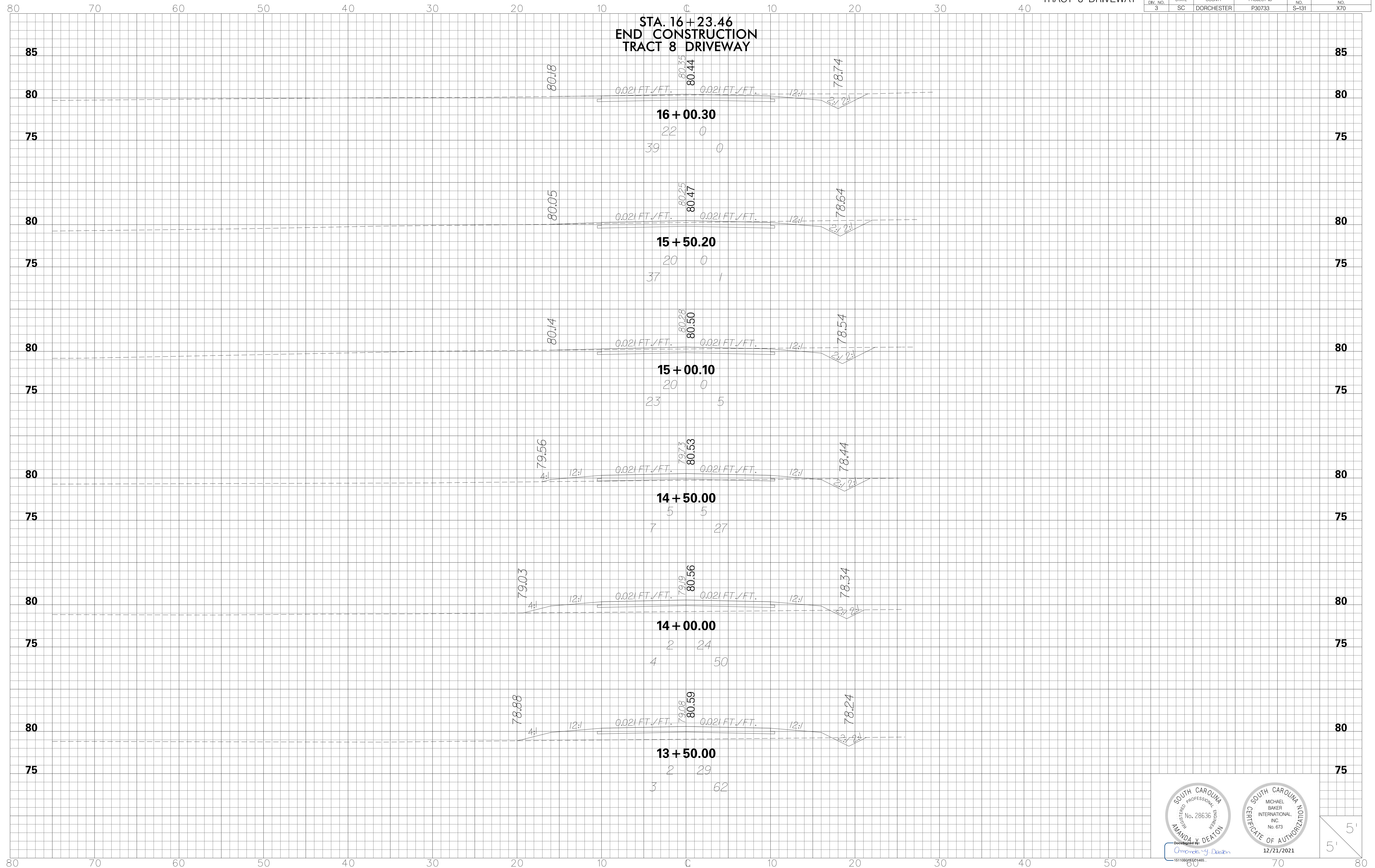
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	P30733	S-131	X68



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3	SC	DORCHESTER	P30733	S-131	X69

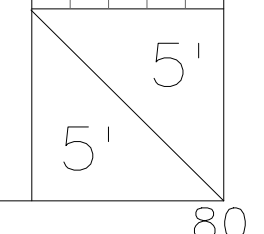


FED. RD. DIV. NO. 3	STATE SC	COUNTY DORCHESTER	PROJECT ID P30733	ROUTE NO. S-131	SHEET NO. X70
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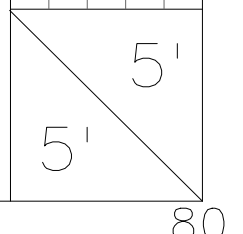
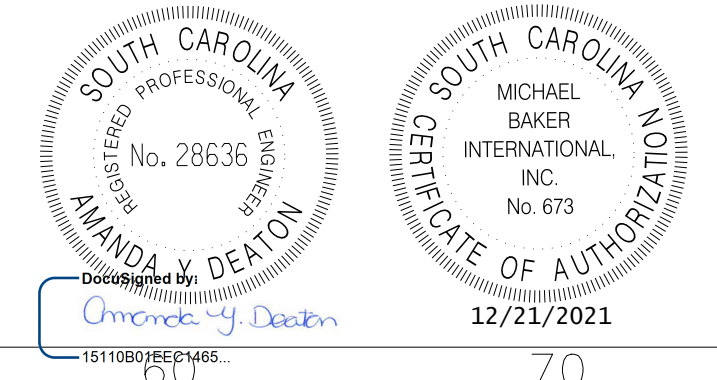
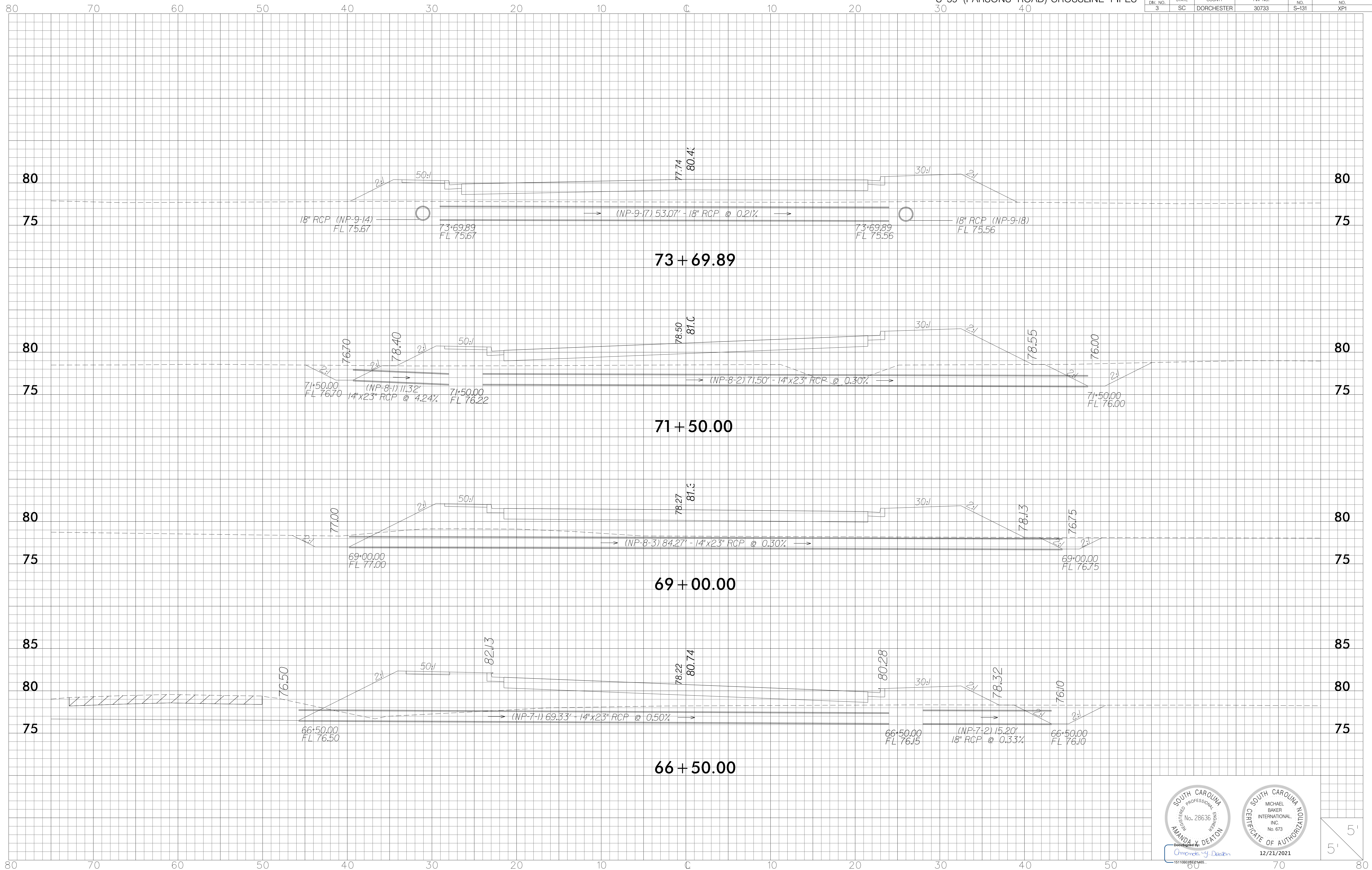


12/21/2021
Amanda V. Deaton

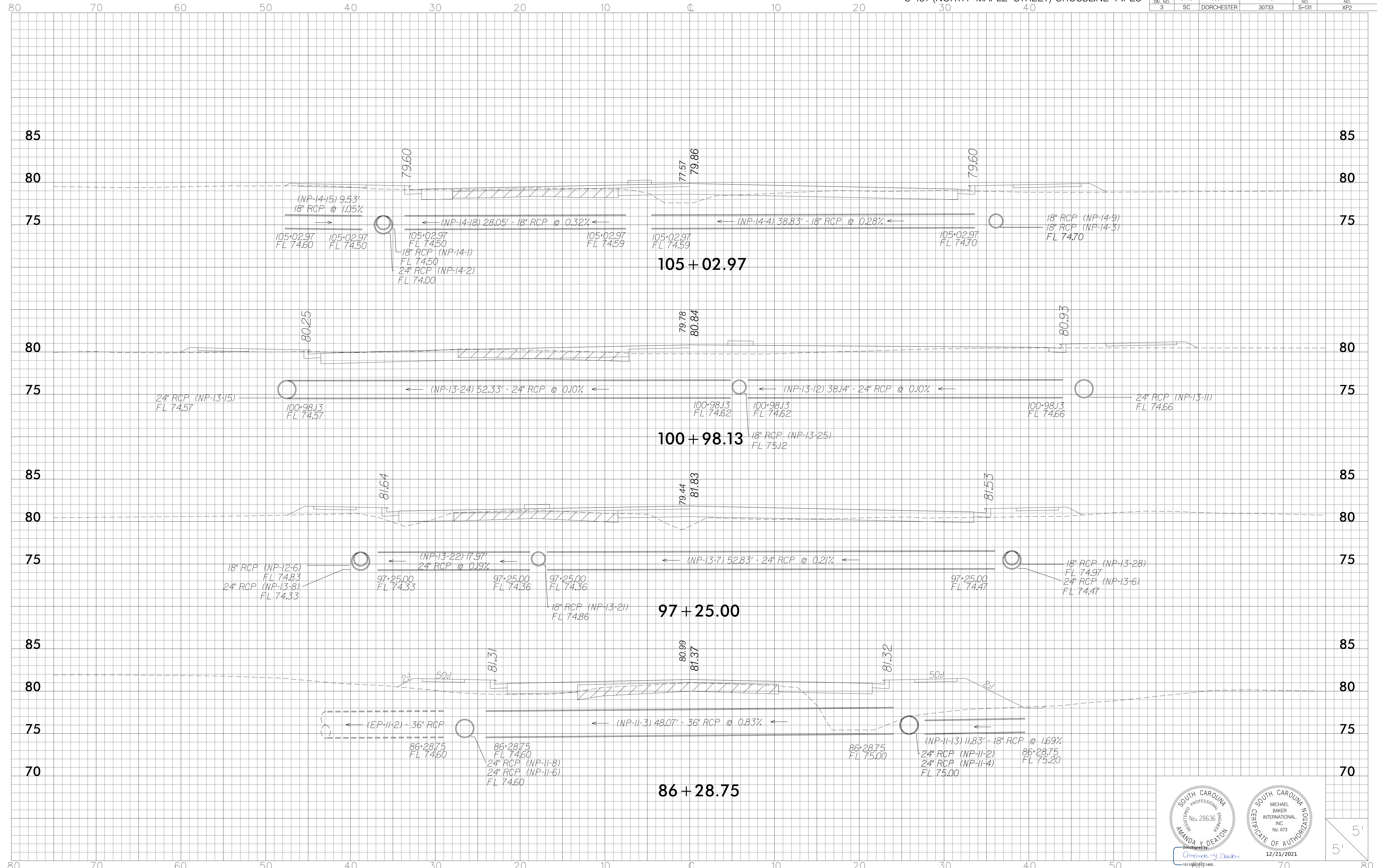
12/21/2021

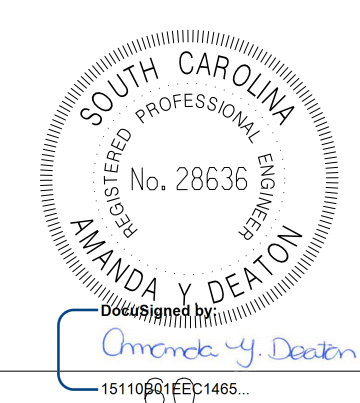



FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP1



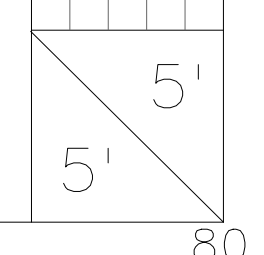
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3	SC	DORCHESTER	30733	S-131	XP2



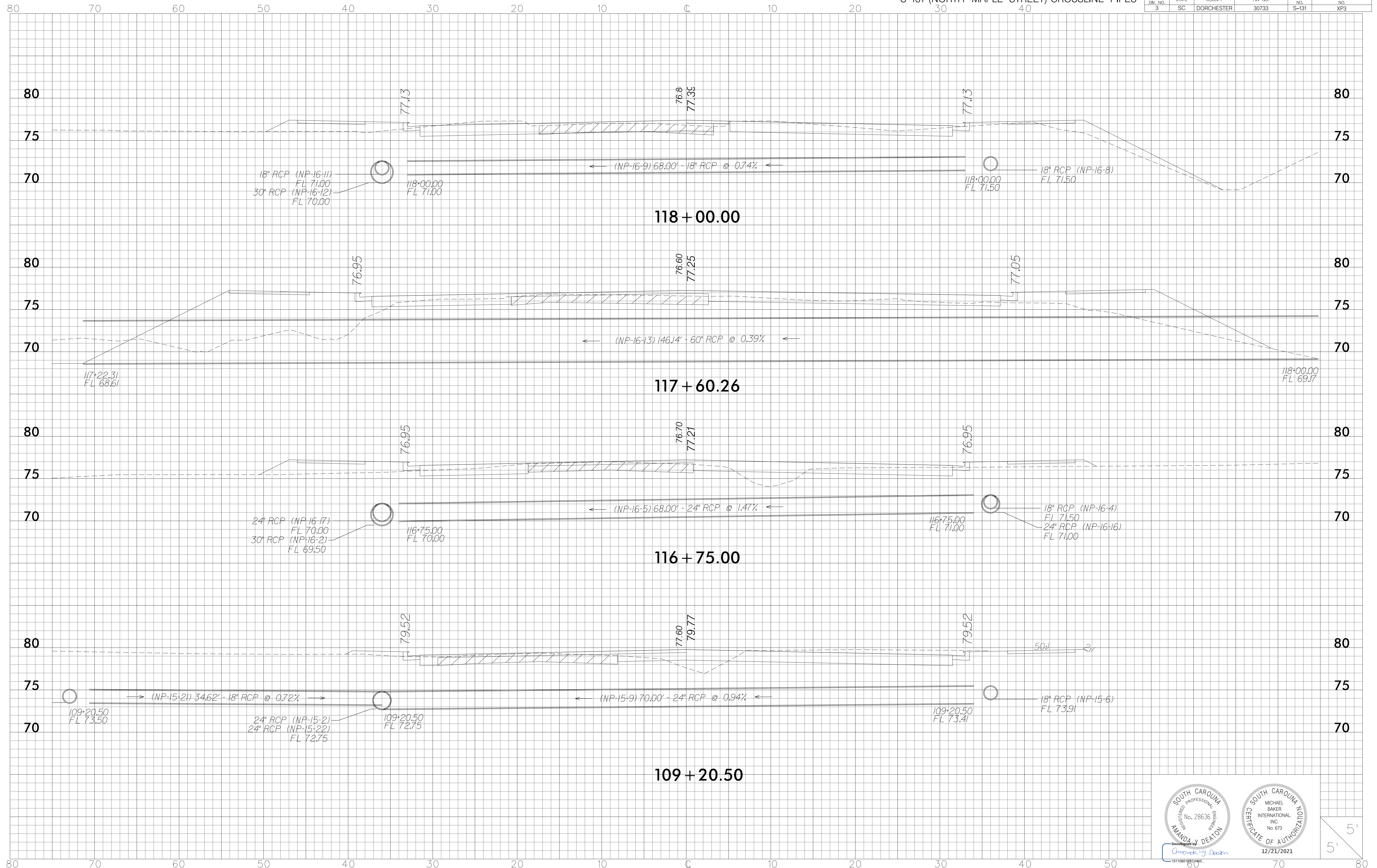



Amanda Y. Deaton
 151196 (EP) 1465

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FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP3

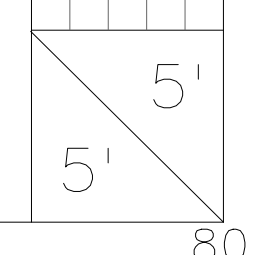


Professional Engineer Seal for Amanda Y. Deaton, State of South Carolina, License No. 28636.

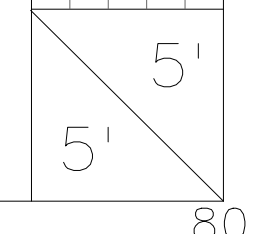
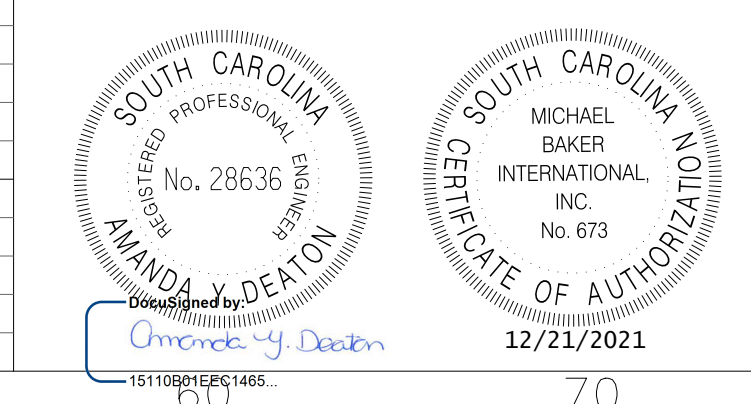
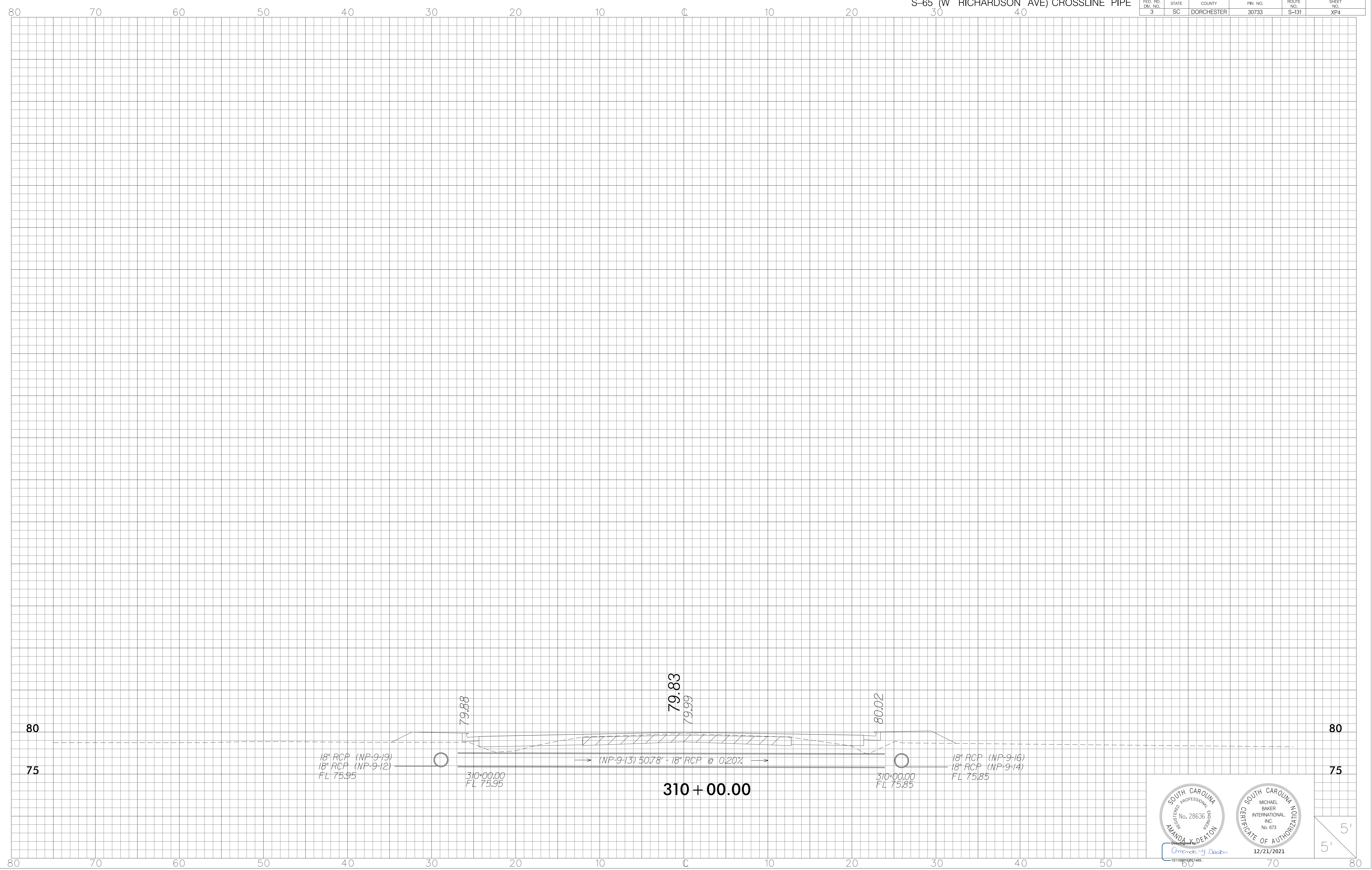
Professional Engineer Seal for Michael Baker International, Inc., License No. 673.

Document prepared by: *Amanda Y. Deaton*

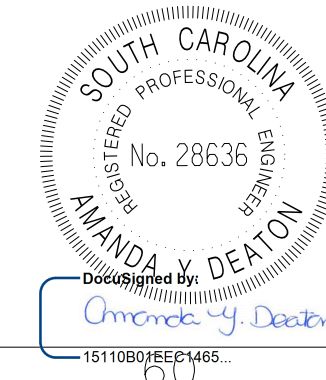
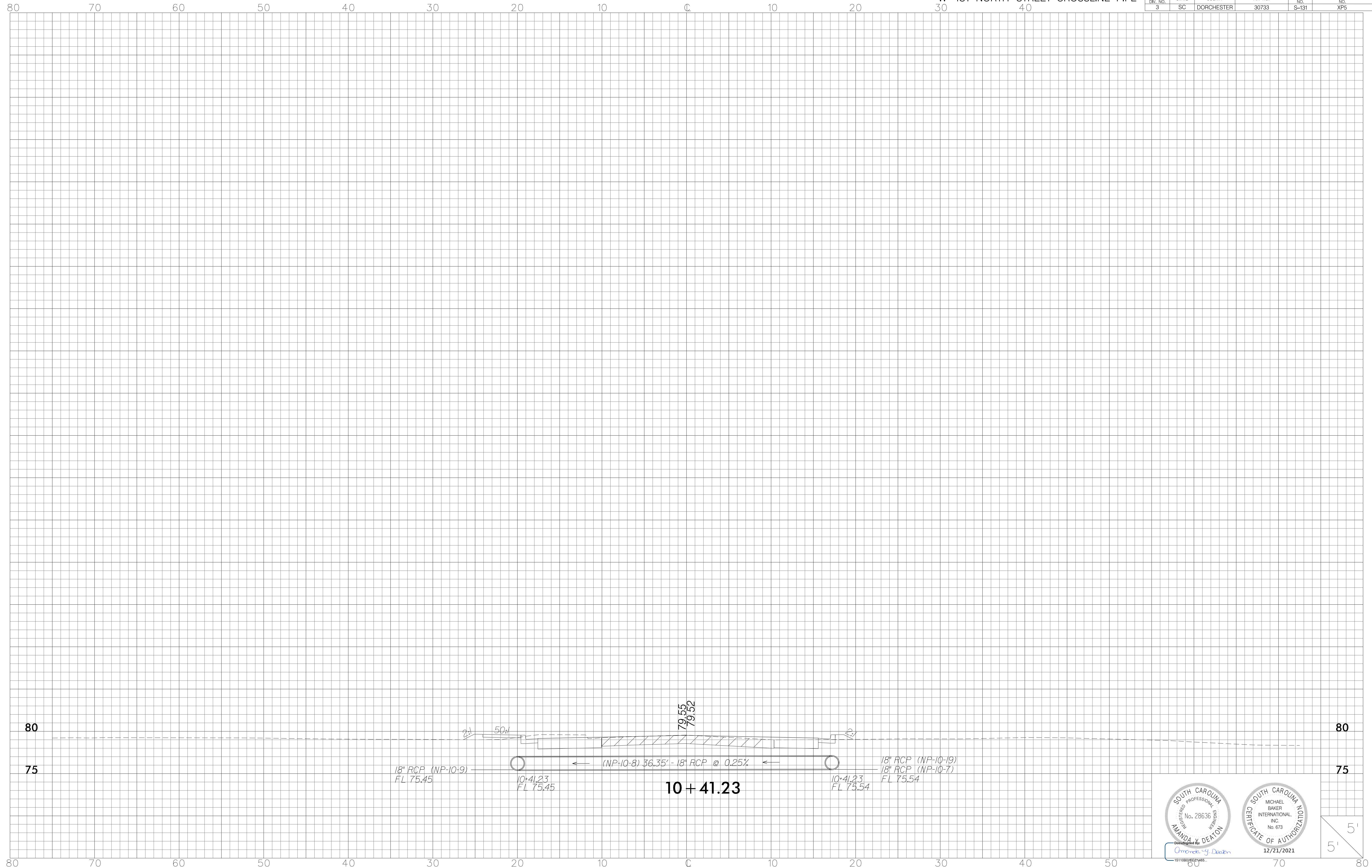
Date: 12/21/2021



FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP4

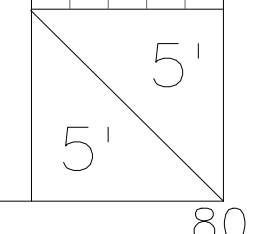


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP5

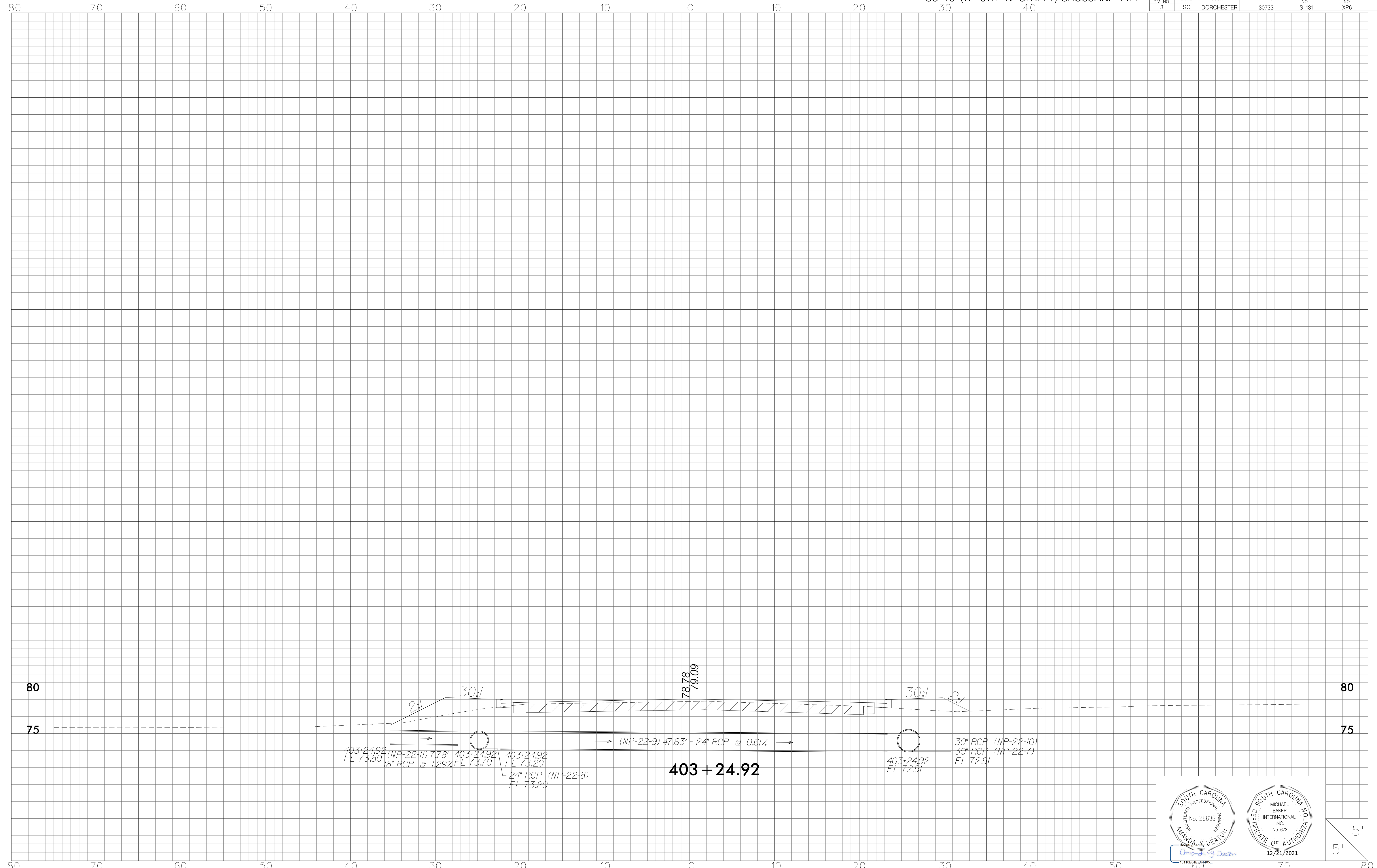


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12/21/2021



FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP6

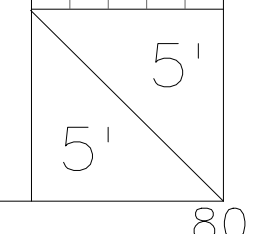
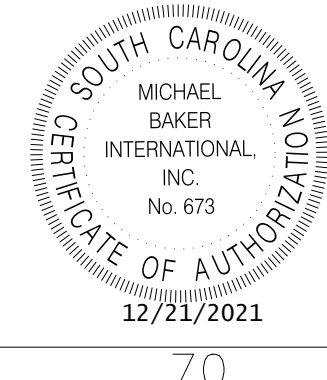
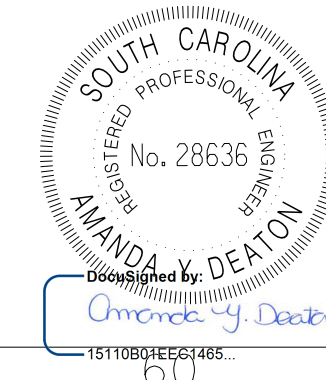


403+24.92 (NP-22-11) 7.78' 403+24.92
 FL 73.80 18" RCP @ 1.29% FL 73.70
 24" RCP (NP-22-8)
 FL 73.20

(NP-22-9) 47.63' - 24" RCP @ 0.61%

403 + 24.92

403+24.92
 FL 72.91
 30" RCP (NP-22-10)
 30" RCP (NP-22-7)
 FL 72.91



GIBBS LOOP S CROSSLINE PIPE

FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP7



18" RCP (NP-15-21)
FL 73.50

10+89.33
FL 73.50

10+89.33

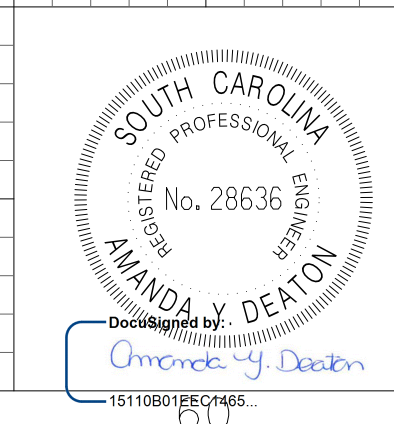
10+89.33
FL 73.60

← (NP-15-20) 39.00' - 18" RCP @ 0.26% ←

0.016 FL/EI

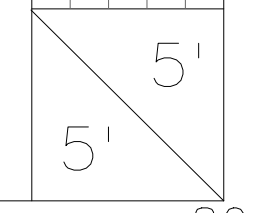
0.021 FL/EI

79.75
79.71

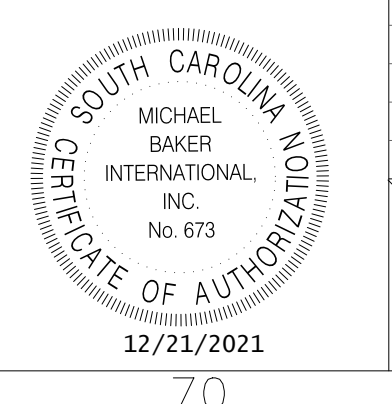
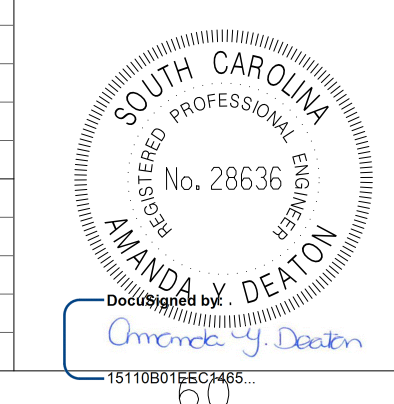
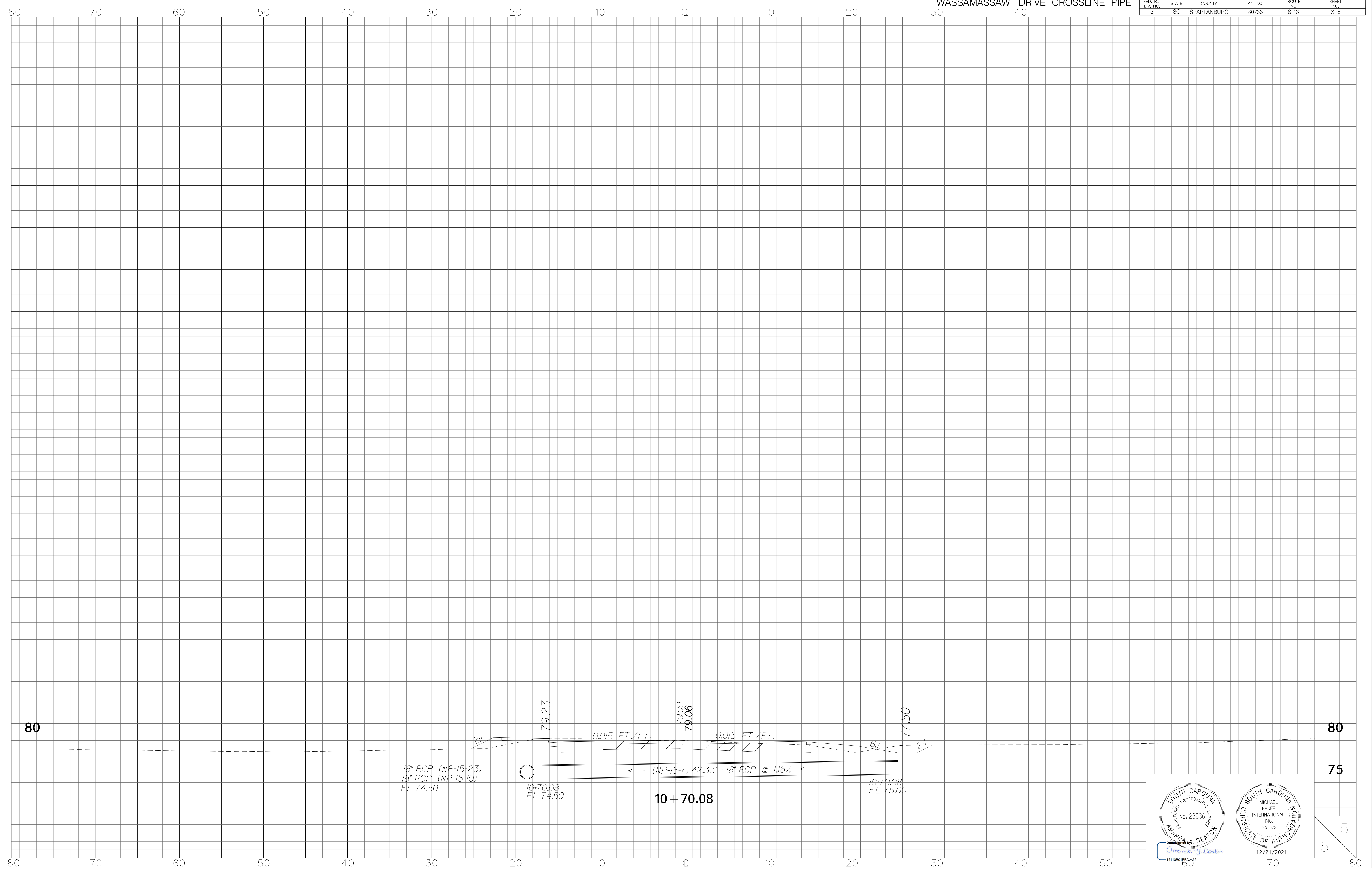


DocuSigned by:
Amanda J. Deaton
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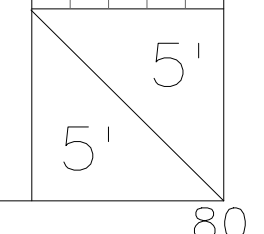


FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG	30733	S-131	XP8



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Amanda J. Deaton
15110801665426

12/21/2021



SHAMROCK DRIVE CROSSLINE PIPE

FED. RD. DIV. NO.	STATE	COUNTY	FIN. NO.	ROUTE NO.	SHEET NO.
3	SC	DORCHESTER	30733	S-131	XP9

