



PROPOSED PLANS

FOR

YORK COUNTY, SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

CLEARING AND GRUBBING

YORK COUNTY PROJECT ID # 11149-004

PROJECT ID # 0042332

US 21 FROM SC 460 (SPRINGFIELD PKWY) TO

700' SOUTH OF S-48 (SPRINGHILL FARM RD)

& SC 51 FROM US 21 TO THE NC STATE LINE

SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
2	SUMMARY OF ESTIMATED QUANTITIES	1
2C-2D	MOVING ITEMS SHEET	2
4 - 4D	RIGHT-OF-WAY DATA SHEET	5
4E- 4K	PROPERTY STRIP MAP	7
5	GENERAL CONSTRUCTION NOTES	1
5A - 5I	REFERENCE DATA SHEET	9
5J-5V	STAKEOUT PLAN	13
6 - 31	CLEARING & GRUBBING PLAN SHEETS (26 THRU 30 OMITTED)	21
TC1	TRAFFIC CONTROL PLAN	1
EC6 - EC31	EROSION CONTROL SHEETS (EC26 THRU EC30 OMITTED)	21
EC32 - EC40	EROSION CONTROL DATA SHEETS	9
U1 - U31	UTILITY RELOCATION SHEETS (FOR INFORMATION ONLY) (U26 THRU U29 OMITTED)	30
X1 - X22	EXCAVATION CROSS SECTIONS	22
TOTAL		143

FINAL PLANS	
SHEET NO.	TOTAL SHEETS
I	143

Hydraulic Design Reference for these plans is the:

2009

Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:

2001

AASHTO "A Policy on Geometric Design of Highways and Streets"

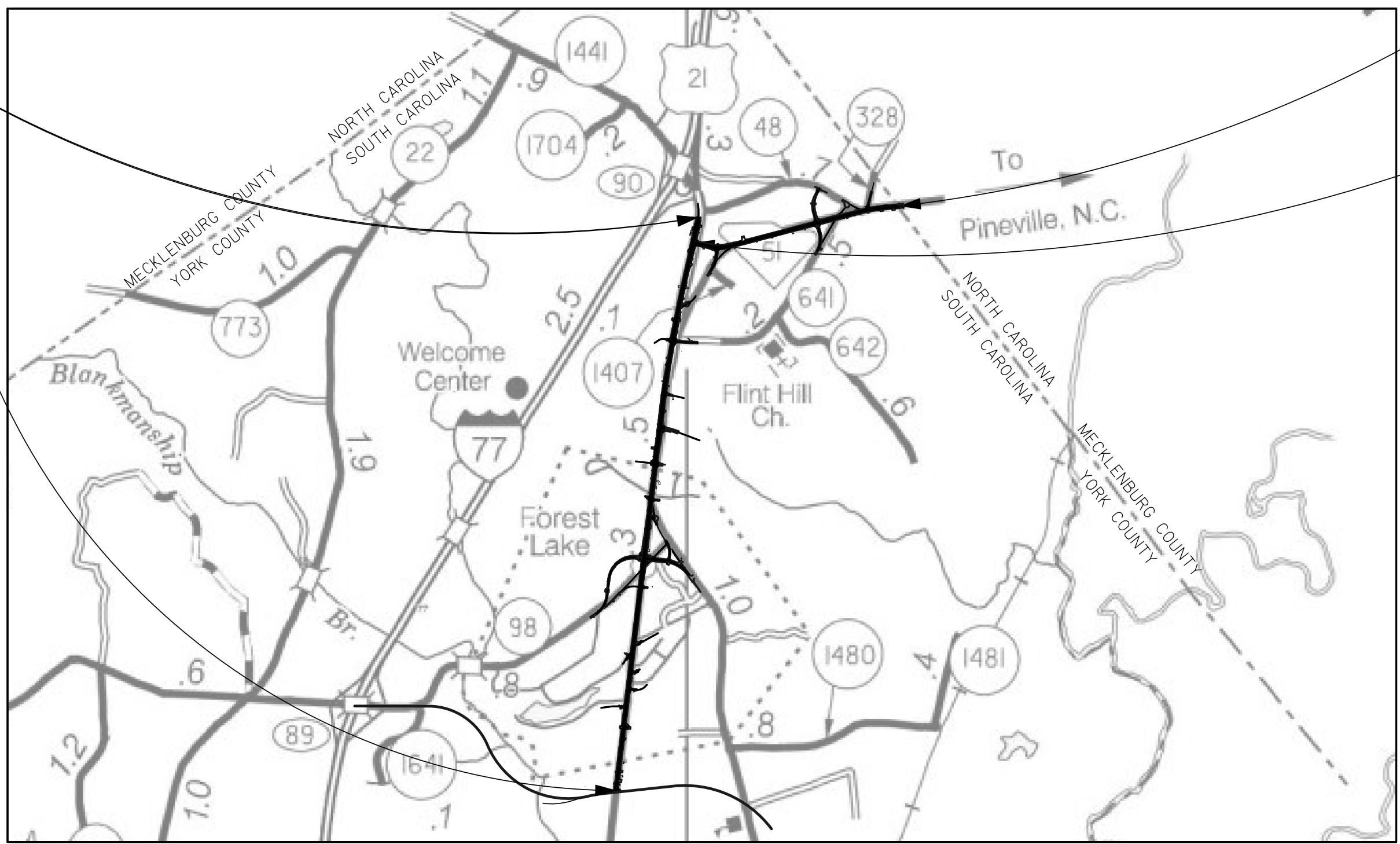
NPDES PERMIT INFORMATION	
Disturbed Area =	52.6 Acre(s)
Project Area =	55.6 Acre(s)
Approximate Location of Roadway is	
Begin	
Latitude	35° 03' 23" N
Longitude	80° 56' 16" W
End	
Latitude	35° 05' 20" N
Longitude	80° 55' 56" W
Hydraulic and NPDES Design provided by:	
STV INCORPORATED	
Designs may be obtained from the SCDOT Regional Production Group	

SURVEY STA. 134+33.25
END CLEARING AND GRUBBING
US 21

SURVEY STA. 14+78.91
BEGIN CLEARING AND GRUBBING
US 21

SURVEY STA. 340+10.00
END CLEARING AND GRUBBING
SC 51

SURVEY STA. 296+15.72
BEGIN CLEARING AND GRUBBING
SC 51



YORK COUNTY MAP

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 / NO

TRAFFIC DATA	
2022 ADT	23,800
2042 ADT	33,900
TRUCKS	8 %

LAYOUT
SCALE 1 INCH = 2,300 FEET

	Mainline US 21	Mainline SC 51	Sideroads	Total	
Net Length of Roadway	2.264	0.832	1.955	5.051	MILES
Net Length of Bridges	0.000	0.000	0.000	0.000	MILES
Net Length of Project	2.264	0.832	1.955	5.051	MILES
Length of Exceptions	0.000	0.000	0.000	0.000	MILES
Gross Length of Project	2.264	0.832	1.955	5.051	MILES

EQUALITIES IN STATIONING
NONE

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

CONSULTING ENGINEERING FIRM

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29730

ENGINEER OF RECORD

FOR CONSTRUCTION : STV Incorporated DATE _____



MOVING AND REMOVAL & DISPOSAL ITEMS SHEET

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	2C

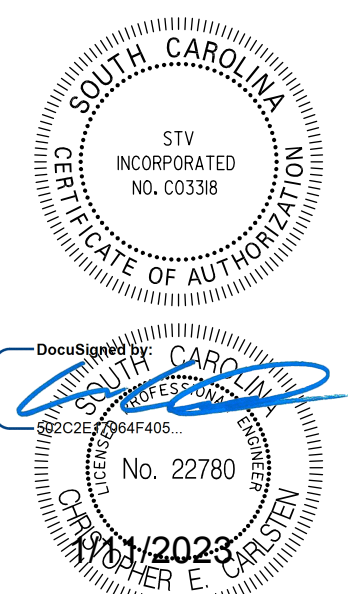
MOVING ITEMS

ITEM NO.	LOCATION				DESCRIPTION	WORK TO BE DONE	UNIT	OWNER	TRACT NO.	COMPLETED	DELETED	COMMENTS
	ROUTE	OFFSET	LT / RT	STATION								
1	US 21/SC 51		Lt	10+54 to 10+94	Retaining wall	County contractor to rebuild behind right of way line		Springfield Town Center	20			
2	US 21/SC 51	70 Ft	Rt	40+60	Brown storage building	Moving Item		Roger Dennis McNutt	41			
3	US 21/SC 51	56 Ft	Rt	40+80	White storage building	Moving Item		Roger Dennis McNutt	41			
4	US 21/SC 51		Rt	19+40	Sign	Owner retaining and moving		IVAC of the Carolinas Real Estate Holding Company, LLC	63/64			
5	US 21/SC 51		Rt	18+20	Sign	Owner retaining and moving		IVAC of the Carolinas Real Estate Holding Company, LLC	63/64			
6	US 21/SC 51		Rt	19+20	Gate with power and controls	Owner retaining and moving		IVAC of the Carolinas Real Estate Holding Company, LLC	63/64			
7	US 21/SC 51		Rt		Lighting	Owner retaining and moving		IVAC of the Carolinas Real Estate Holding Company, LLC	63/64			
8	US 21/SC 51		LT	79+50	Business sign	Moving Item		H&A Associates, LLC	81			
9	US 21/SC 51	45.5 Ft	Rt	309+10	Monument sign	To be relocated by owner prior to construction		George Crump	122			
10	US 21/SC 51		Lt	324+80	Billboard	To be relocated by sign company		Carl I. Latham, III, John O'Neal Latham, Thomas A. Latham, & Mary Helen Latham	128			
11	US 21/SC 51		Rt	316+69	Sign	Owner moving		Quality Pools Group, Inc.	133			
12	US 21/SC 51	44 Ft	Rt		Bollards used for fencing	Moving item		Omanra International, Inc.	142/143			
13	US 21/SC 51		Lt	2+94 to 3+03	Sprinkler System	Move/re-cap as necessary		Warehouse One, LLC and FMK Management, LLC	148			
14	US 21/SC 51		Rt	303+29	AMP Utilities sign	Owner retaining and moving		CMJ Fairfield Road, LLC	159			
15	US 21/SC 51		RT	112+20	Existing "No Trucks Sign"	Moving Item		Ross Dress for Less, Inc.	185			

REMOVAL & DISPOSAL ITEMS

ITEM NO.	LOCATION				DESCRIPTION	WORK TO BE DONE	UNIT	OWNER	TRACT NO.	COMPLETED	DELETED	COMMENTS
	ROUTE	OFFSET	LT / RT	STATION								
1	US 21/SC 51		Rt	38+10	2 satellite dishes	Demo		Freedom Ministry and Chaplaincy F/K/A Coalition of Prison Evangelists	34			
2	US 21/SC 52		Rt	38+20 & 38+36	Pine Trees	Demo/Remove		Freedom Ministry and Chaplaincy F/K/A Coalition of Prison Evangelists	34			Demo/Remove pine trees & remove all materials & debris, during this construction
3	US 21/SC 51	85 Ft	Rt	44+00	Wood shed	Demo		Michael D. Newman	45			
4	US 21/SC 51	50 Ft	Lt	87+00	Pink building	Demo		Grady E. McMehan, Tony R. McMehan, Ronnie M. Griffin	87			

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MOVING, REMOVAL & DISPOSAL, AND NEW FENCE ITEMS SHEET

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	2D

MOVING ITEMS

ITEM NO.	LOCATION				DESCRIPTION	WORK TO BE DONE	UNIT	OWNER	TRACT NO.	COMPLETED	DELETED	COMMENTS
	ROUTE	OFFSET	LT / RT	STATION								
1	US 21/SC 51	28 Ft	Rt	11+00 to 11+65	Chain link fence	Moving item	Erma Jane Keenan and Betty Jane Keenan	23				
2	US 21/SC 51	32 Ft	Rt	17+15 to 20+21	Fence	Owner retaining and moving	IVAC of the Carolinas Real Estate Holding Company, LLC	63/64				
3	SC 51	60 FT	Lt	297+80 to 298+40	Fence	Owner retaining and moving	HOF, LLC	162				
4	SC 51	42 FT	RT	333+00 to 340+00	Fence	Moving item	Charles Steven Miller	145				

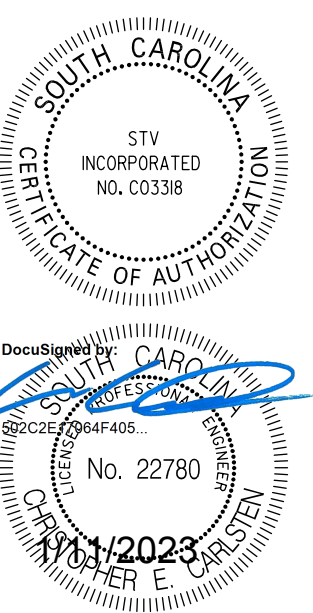
REMOVAL & DISPOSAL ITEMS

ITEM NO.	LOCATION				DESCRIPTION	WORK TO BE DONE	UNIT	OWNER	TRACT NO.	COMPLETED	DELETED	COMMENTS
	ROUTE	OFFSET	LT / RT	STATION								
1	US 21	85 Ft	Rt	44+00	Chain link fence	Demo	Michael D. Newman	45				

NEW FENCE ITEMS

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

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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730

RIGHT OF WAY DATA SHEET

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	4

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES ^B	OBTAIN				REMAINDER LEFT ACRES ^A	REMAINDER RIGHT ACRES ^A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
1	D & DG LLC	7170000003	4.958 AC														
2	HALL GEORGE H	7170000002	1.623 AC														
3	HALL GEORGE H JR	7170000001	1.623 AC														
4	RUTLEDGE REALTY COMPANY INC	7170000005	0.000 AC														
5	THE J MAX HINSON SR & MARY W HINSON FAMILY LTD PARTNERSHIP	7170000023	2.082 AC														
6	OMITTED																
7	SPRINGFIELD TOWN CENTER LLC	202101302	4.598 AC														
8	CLEAR SPRINGS SPRINGFIELD LLC	202101291	35.249 AC														
9	MANTEKAS SOTIROS & JANET	7170000012	9.108 AC		31159 SF (0.715) AC		31159 SF (0.715) AC	8.393 AC				YES		YES			Obtain New R/W along Springfield Pkwy for York Co. Proj. No. 17228-015/SCDOT Proj. ID P039235. See Tr 9A (Sht 4D) for Addtl R/W Acquisition Info
10	FLINT HILL VOLUNTEER FIRE DEPT	7190000176	3.563 AC			2803 SF (0.064) AC	2803 SF (0.064) AC	3.499 AC							YES		Obtain New R/W along Springfield Pkwy for York Co. Proj. No. 17228-015/SCDOT Proj. ID P039235
11	MANTEKAS SOTIROS & JANET	7170000014	1.945 AC									YES		YES			
12	YORK ELECTRIC COOPERATIVE INC	7190000014	2.274 AC			251 SF (0.006) AC	251 SF (0.006) AC	2.268 AC				YES		YES	YES		
13	NEW HORIZON ELECTRIC COOPERATIVE INC	7190000158	2.289 AC												YES		Permanent Drainage Easement of 147 SF for yard inlet
14	SPRINGFIELD COMMERCIAL ASSOCIATION, INC.	202101308	0.851 AC														
15	SPRINGFIELD TOWN CENTER LLC	202101305	1.963 AC														
16	HARRIS TEETER	202101304	1.083 AC									YES					
17	SPRINGVIEW MEADOWS HOA	7170000011	44.764 AC														Perm. Drainage Easmt with Temp. Const. Easmt for Slopes and Erosion Control of 9,296 SF
18	YORK ELECTRIC COOPERATIVE INC	7190000157	2.382 AC									YES		YES			EC Permission for Sediment Dams
19	COUNTY OF YORK	202101310	0.937 AC									YES		YES			
20	SPRINGFIELD TOWN CENTER LLC	202101303	0.884 AC			622 SF (0.014) AC	622 SF (0.014) AC	0.870 AC				YES		YES			SEE SHEETS 2-2B FOR PAY ITEM AND MOVING AND DISPOSAL OF EXISTING RETAINING WALL
21	TEBBS ALICE A	7190000050	1.132 AC			12519 SF (0.287) AC	12519 SF (0.287) AC	0.845 AC				YES		YES			SEE TRACT 21A (SHEET 4D) FOR ADDTL R/W ACQUISITION INFORMATION
22	HARLLEE DAVID & MARY	7190000156	5.798 AC		60664 SF (1.393) AC		60664 SF (1.393) AC	4.405 AC									Temporary Construction Easement of 597 SF for Slopes and Erosion Control
23	KEENAN ERMA JANE & BETTY JANE	7190000178	0.350 AC			663 SF (0.015) AC	663 SF (0.015) AC	0.335 AC				YES		YES	YES		
24	SCOTT SHERRI LIFE ESTATE	7190000049	0.857 AC														
25	PATTERSON JOHN R & JOY J	7190000048	0.468 AC														
26	KHAKHOM KWANNET	7190000047	0.309 AC														
27	HUBBARD DAVID ERIC	7190000046	0.339 AC														
28	MARTINEZ RENE HUMBERTO & ISABEL MARTINEZ	7190000045	0.309 AC														
29	SCOTT WILLIAM D & DOROTHY D	7190000055	0.302 AC														
30	GILL ROBIN	7190000054	0.287 AC														
31	JEFFERSON RICHARD M	7190000053	0.308 AC														
32	AMON FREDERICK SR	7190000052	0.269 AC														
33	MACIAS ANTONIO & GREGORIA	7190000051	0.578 AC			846 SF (0.019) AC	846 SF (0.019) AC	0.559 AC									TEMPORARY CONSTRUCTION EASEMENT OF 429 SF TO CONSTRUCT DRIVEWAY & EROSION CONTROL
34	COALITION OF PRISON EVANGELIST	7190000094	0.207 AC			1041 SF (0.024) AC	1041 SF (0.024) AC	7.954 SF				YES		YES			
35	COALITION OF PRISON EVANGELIST	7190000093	0.265 AC														
36	BEAN DOROTHY J	7190000092	0.204 AC														
37	FRANKLIN BRENDA C	7190000091	0.234 AC														
38	BOONE ORVILLE B & RAYLETTA E	7190000090	0.234 AC														
39	THOMPSON TIM & LAURI	7190000089	0.551 AC														
40	ASH BRYAN N	7190000080	0.999 AC			9079 SF (0.208) AC	9079 SF (0.208) AC	0.791 AC						YES			SEE TRACT 40A (SHEET 4D) FOR ADDTL R/W ACQUISITION INFORMATION

DATE	TRACT NO.	REMARKS
08/14/18	21	Increased Obtain Area
09/17/18	33	Converted Erosion and Entrance Permissions to Tce
11/29/18	34	Revised Guardrail and Added Driveway
04/03/19	33	Moved Driveway
09/23/19	9-17	Revised Typical Section and Reevaluated RW & Perm. Needs.
10/04/19	14	Removed Obtain
02/06/20	18	Removed Obtain; Revised Property Lines
02/06/20	20	Revised Drainage; Reduced Obtain
03/17/20	17	Reduced Obtain Area
07/22/20	13	Changed Obtain to Permanent Drainage Easement
07/22/20	9	Added Obtain Area along Springfield Parkway
09/09/20	10	Added Obtain Area along Springfield Parkway
02/24/21	17	Converted New R/W to TCE
03/16/21	22	Revised New R/W
03/16/21	21 & 40	Revised New R/W show n under 21A & 40A
06/16/21	22	Added TCE and Removed Permissions
09/14/21	9	Revised New R/W show n under 9A
12/22/21	17	Revised TCE to Included & Retain Perm Drainage Easmt

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

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

- NOTES:**
- A. SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE
 - B. TOTAL TRACT ACRES DETERMINED FROM DRAWING FILES.

masti11g
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RIGHT OF WAY DATA SHEET

FINAL PLANS		FED. ROAD DIV. NO. 3	STATE S.C.	COUNTY YORK	PROJECT ID 0042332	PROJECT NO. III49-004	ROUTE NO. US 21	SHEET NO. 4A
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TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES ^B	OBTAIN				REMAINDER LEFT ACRES ^A	REMAINDER RIGHT ACRES ^A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
41	BATES MARIE B & ROGER DENNIS MCNUTT	7190000081	0.610 AC			3342 SF (0.077) AC	3342 SF (0.077) AC	0.533 AC					YES		YES		
42	MCCRIVEN CAROL	7190000177	0.397 AC													YES	
43	MCCRIVEN CAROL	7190000179	0.338 AC										YES		YES	YES	
44	EDWARDS RICHARD KENDRICK SR TRUSTEE	7190000101	18.182 AC		2100 SF (0.048) AC		2100 SF (0.048) AC	18.134 AC					YES		YES		
45	NEWMAN MICHAEL	7190000079	0.380 AC			2627 SF (0.060) AC	2627 SF (0.060) AC	0.320 AC	Re						YES		
46	GARCIA SAMUEL JR	7190000078	0.297 AC													YES	
47	MONTERROSO MATILDE & ORLANDO ARIAS	7190000077	0.288 AC														
48	WATFORD RUSSELL S & CLARA R	7190000076	0.269 AC														
49	HUBBARD ROY E & LINDA K	7190000075	0.292 AC														
50	REEL PROPERTY SOLUTIONS LLC	7190000074	0.338 AC														
51	CROSSROADS RETAIL LLC	7190000195	1.080 AC														
52	YORK COUNTY	7190000197	0.104 AC														
53	RF FM221 LLC	7190000194	8.816 AC			19619 SF (0.450) AC	19619 SF (0.450) AC	8.366 AC					YES		YES	YES	
54	GATEWAY FORT MILL LLC	7190000027	14.610 AC										YES		YES	YES	NOTE: SLOPE PERMISSION FOR TRACT 54 HAS ALREADY BEEN OBTAINED BY YORK COUNTY.
54A	YORK COUNTY	7190000027	2.606 AC		39954 SF (0.917) AC	31233 SF (0.717) AC	71187 SF (1.634) AC	0.972 AC	0.000 AC				YES		YES		
55	THE EJBANKS FAMILY LTD PARTNERSHIP	7190000100	54.830 AC		187152 SF (4.296) AC		187152 SF (4.296) AC	50.534 AC									T.C.E. OF 57,222 SF TO CONST SLOPES & EC, NOTE: TRACT 55A AREA SUBTRACTED FROM TRACT 55 AREA.
56	AMERICAS FINEST CAR WASH II LLC	7190000018	1.764 AC			12825 SF (0.294) AC	12825 SF (0.294) AC	1.470 AC								YES	TEMPORARY CONSTRUCTION EASEMENT OF 5690 SF TO CONSTRUCT SLOPES AND EROSION CONTROL.
57	FAIRWAY TOWNES OWNERS ASSOC INC	7280000219	9.622 AC														
58	STORE MASTER FUNDING V LLS	7260000269	2.515 AC														
59	CAHILL DAVID	7260000316	1.973 AC												YES	YES	
60	GARRISON CHARLES H & BARBARA LEE CANTRELL	7260000083	42.347 AC														
61	CORBI MICHAEL	7260000001	0.377 AC														
62	N & W SMITH PROPERTIES FAMILY LTD PARTNERSHIP ETAL	7260000002	1.859 AC														
63	IVAC OF THE CAROLINAS REAL ESTATE CO LLC	7260000003	1.027 AC			1998 SF (0.046) AC	1998 SF (0.046) AC	0.981 AC									
64	IVAC OF THE CAROLINAS REAL ESTATE HOLDING CO LLC	7260000075	1.474 AC			9178 SF (0.211) AC	9178 SF (0.211) AC	1.263 AC									
65	SHELDON CHRISTOPHER	7190000025	1.257 AC			1138 SF (0.026) AC	1138 SF (0.026) AC	1.231 AC					YES		YES	YES	SEE TRACT 65A (SHEET 4D) FOR ADDTL R/W ACQUISITION INFORMATION
66	BWD INC	7190000026	0.625 AC										YES		YES	YES	
67	SAMMY J. COLEY, AS SUCCESSOR TRUSTEE OF THE GRACE P. COLEY TRUST UIA	7260000006	1.175 AC			2481 SF (0.057) AC	2481 SF (0.057) AC	1.118 AC								YES	TRANSFER QUITCLAIM AREA (0.160 AC) TO OWNER
68	NORRIS JOYCE	7260000008	0.679 AC														
69	NORRIS JOYCE	7260000010	0.502 AC														
70	CLONTS BENJAMIN C	7260000013	0.387 AC														
71	SONG SONGMIN & SANG HUI	7260000017	1.231 AC			1336 SF (0.031) AC	1336 SF (0.031) AC	1.200 AC					YES	YES		YES	Temporary Construction Easement of 686 SF for Slopes and Erosion Control
72	AVANTI PROPERTIES LLC	7260000019	0.450 AC			1126 SF (0.026) AC	1126 SF (0.026) AC	0.424 AC								YES	Temporary Construction Easement of 800 SF for Slopes and Erosion Control
73	WHITMIRE JAMES & BETTY S AND DEBORAH MCLAUGHIN, JT	7260000020	0.290 AC			753 SF (0.017) AC	753 SF (0.017) AC	0.273 AC									SEE TRACT 73A (SHEET 4D) FOR ADDTL R/W ACQUISITION INFORMATION
74	PATTERSON WAYNE	7260000021	4.228 AC			1502 SF (0.034) AC	1502 SF (0.034) AC	4.194 AC					YES		YES		
75	COLE MT. FORT MILL SC, LLC	7260000011	7.054 AC			3060 SF (0.070) AC	3060 SF (0.070) AC	6.984 AC								YES	Temporary Construction Easement of 6008 SF for Slopes and Erosion Control
76	1ST PATRIOTS FEDERAL CREDIT UNION	7260000318	0.888 AC			1672 SF (0.038) AC	1672 SF (0.038) AC	0.850 AC					YES		YES	YES	
77	MAM REGENT TOWNE CENTER OUTPARCEL LLC	7260000320	0.404 AC			75 SF (0.002) AC	75 SF (0.002) AC	0.402 AC									Temporary Construction Easement of 2070 SF for Slopes and Erosions Control
78	HILLCREST FOODS INC.	7260000319	1.112 AC			2111 SF (0.048) AC	2111 SF (0.048) AC	1.064 AC					YES		YES		
79	REGENT PARK COMMUNITY OWNERS ASSOC	7260000025	0.321 AC			2928 SF (0.067) AC	2928 SF (0.067) AC	0.254 AC									Temporary Construction Easement of 1422 SF for Slopes and Erosion Control

DATE	TRACT NO.	REMARKS
05/29/18	55	Added Drainage Structure Permission
07/17/18	54	Removed Obtain Areas
07/17/18	55	Revised RW at Pipe crossing & Removed Drainage Permission
07/18/18	62	Removed Slope Permission
09/11/18	56	Added TCE to cover Permissions
10/12/18	58	Removed Permission
11/01/18	53	Added Temporary Construction Easement
11/05/18	43	Removed RW Obtain
11/14/18	72	Revised Permissions to TCE
11/14/18	79	Revised Permissions to TCE
11/29/18	54A	Revised RW Area
12/08/18	54A	Revised RW Area
12/20/18	53	Revised RW and TCE
01/18/19	67	Increased RW to Obtain and Removed EC Permission
02/15/19	77	Revised Permissions to TCE
04/05/19	57	Removed Entrance Permission
04/08/19	71	Revised RW and Revised Permission to TCE
05/20/19	55	Revised Ex RW and Obtain Area
05/30/19	53	Removed TCE and added Permissions for Slopes and EC
09/20/19	66	Revised RW and added Area to be swapped from Ex RW
09/25/19	74, 75, 76	Removed Turn lane, Regent Driveway, and revised RW needs.
11/05/19	75	Revised Permissions to TCE
11/12/19	66	Removed RW Obtain and Revised Drainage
11/12/19	63	Revised Drainage and RW
02/06/20	55	Revised Total Tract Acres and Obtain
07/23/20	66	Removed RW Obtain and Drainage Permission
08/11/20	55	Revised Total Tract Acres
08/24/20	54A	Revised New R/W
08/27/20	67	Revised Owner
09/03/20	73	Revised New R/W & Removed Permission
03/24/21	65	Revised New R/W show n under 65A
09/14/21	71	Revised New R/W added Slope & Drainage Permission
04/14/22	55	Added TCE & Removed Permission
07/19/22	54, 63	Corrected Obtain Area
07/19/22	73	Revised R/W Obtain and added Remark
07/19/22	67	Added Quitclaim Area to Remarks

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

ROAD / ROUTE #	FILE #	R/W WIDTH	YEAR ACQD

NOTES:
A. SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.
B. TOTAL TRACT ACRES DETERMINED FROM DRAWING FILES.

RIGHT OF WAY DATA SHEET

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES ^B	OBTAIN			REMAINDER LEFT ACRES ^A	REMAINDER RIGHT ACRES ^A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT					TOTAL	OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	
80	BAHERI MEHRDAD ALI	7190000099	1.501 AC		1177 SF (0.027) AC		1177 SF (0.027) AC	1.474 AC							YES	
81	H & A ASSOCIATES LLC	7210000016	0.854 AC												YES	
82	H & A ASSOCIATES LLC	7190000182	2.076 AC													
83	CITRO SALVATORE, TRUSTEE	7210000045	4.294 AC		503 SF (0.012) AC		503 SF (0.012) AC	4.282 AC								
84	ROSS DRESS FOR LESS INC 4440 ROSEWOOD DR BLDG 4	7210000069	29.718 AC													
85	GTA PROPERTIES LLC	7210000015	4.845 AC		2548 SF (0.058) AC		2548 SF (0.058) AC	4.787 AC			YES				YES	
86	ROSS DRESS FOR LESS INC	7210000063	9.607 AC													
87	MCMEHAN TENY LOIS	7210000014	3.346 AC		965 SF (0.022) AC		965 SF (0.022) AC	3.324 AC			YES		YES	YES		
88	CV HWY 21 LLC	7210000013	7.219 AC		728 SF (0.017) AC		728 SF (0.017) AC	7.202 AC			YES	YES	YES	YES		
89	FORT MILL CROWN PLAZA LLC	7260000028	6.128 AC			2409 SF (0.055) AC	2409 SF (0.055) AC	6.073 AC						YES		TEMPORARY CONSTRUCTION EASEMENT OF 4086 SF FOR SLOPES AND EROSION CONTROL
90	RHODES JOSHUA C., ET AL	7260000029	1.030 AC								YES		YES	YES		
91	WAL-MART REAL EST BUSINESS TR	7210000023	24.618 AC			1609 SF (0.037) AC	1609 SF (0.037) AC	24.581 AC								Revised Total Tract Acres based on EX RW limits from Court Order No 2016-CP-46-2454
92	WAL-MART TRS LLC %WAL-MART PROPERTY TX DEPT	7210000072	1.311 AC													
93	WAL-MART TRS LLC	7210000071	1.546 AC			1741 SF (0.040) AC	1741 SF (0.040) AC	1.506 AC								Temporary Construction Easement of 2184 SF for Slopes and Erosion Control
94	WALKER CORP INC	7210000009	0.356 AC													
95	WALKER CORP INC	7210000008	0.366 AC													
96	WALKER CORP INC	7210000007	0.328 AC													
97	WALKER CORP INC	7210000057	1.223 AC													
98	A & P CAR CARE CENTER INC	7210000005	1.573 AC													
99	STERLING YORK LLC	7210000064	1.843 AC													
100	FURR JULIA	7210000004	3.285 AC													
101	SC DOT	7210000047	0.000 AC													
102	NC STORAGE LLC	7210000002	0.000 AC													
103	FURR JULIA ZORADO	7210000001	5.563 AC		125 SF (0.003) AC		125 SF (0.003) AC	5.560 AC			YES		YES			
104	CAROWINDS POINT CROSSING LLC	7210000040	19.469 AC	0.315 AC			13731 SF (0.315) AC	19.154 AC								
105	JUNG PROPERTIES LLC	7210000025	0.990 AC													
106	HUDSON PROPERTY MANAGEMENT, LLC	7210000027	5.497 AC		4979 SF (0.114) AC		4979 SF (0.114) AC	5.383 AC								Revised Total Tract Acres based on EX RW limits from Court Order No 2016-CP-46-2454
107	EXIT 68 LLC	7210000042	2.695 AC		8131 SF (0.187) AC		8131 SF (0.187) AC	2.508 AC								Revised Total Tract Acres based on EX RW limits from Court Order No 2016-CP-46-2454, Temp. Const. Easement of 2223 SF For slopes, drainage and EC
108	COMPACT POWER EQUIPMENT LLC	7210000051	2.668 AC								YES		YES			
109	NARROWAY PRODUCTIONS INC	7210000036	0.997 AC										YES	YES		EC Permission for Inlet Protection Silt Fence, Property Owner Changed per Deed
110	NARROWAY PRODUCTIONS INC	7210000033	1.900 AC								YES	YES	YES	YES		
111	NARROWAY PRODUCTIONS INC	7210000038	0.901 AC										YES			Property Owner Changed per Deed
112	PAPILLON LLC	7210000028	0.780 AC													
113	ALLSTATE CONSTRUCTION INC	7210000049	1.126 AC			4083 SF (0.094) AC	4083 SF (0.094) AC	1.032 AC								TR 113A Separated from TR 113 per Plat BK 160 PG 339
114	194 SPRINGHILL FARMS ROAD, LLC	7210000010	16.370 AC		6599 SF (0.151) AC	12214 SF (0.280) AC	18813 SF (0.432) AC	15.251 AC	0.688 AC						YES	Temporary Construction Easement of 14,269 SF for Slopes and Erosion Control
115	TAYLOR YORK PROPERTIES LLC	7250000022	2.041 AC		816 SF (0.019) AC		816 SF (0.019) AC	2.022 AC								Temporary Construction Easement of 941 SF for Slopes and Erosion Control
116	COMPACT POWER EQUIPMENT CENTERS LLC	7210000019	3.953 AC													
117	AUSTIN EUGENE TRUSTEE	7210000020	3.425 AC													
118	SPARROW ROBERT CLAY	7210000030	4.071 AC		5540 SF (0.127) AC		5540 SF (0.127) AC	3.944 AC					YES			EC Permission for Sediment Dam SD-5
119	UNIQUE STONE CREATIONS INC	7210000034	1.855 AC			671 SF (0.015) AC	671 SF (0.015) AC						YES	YES		EC Permission for Sediment Tubes outside of RW

DATE	TRACT NO.	REMARKS
09/18/18	89	Added Temporary Construction Easement
10/19/18	114	Added Temporary Construction Easement
11/30/18	93	Revised Obtain Area
11/30/18	91, 93, 106, & 107	Revised Ex. RW and Total Tract Acres Per Court Order No 2016-CP-46-2454
03/18/19	87	Revised RW Obtain
04/18/19	115	Added TCE & Removed Slope and EC Permissions
04/19/19	88	Revised Ex. RW and Total Tract Acres
05/19/19	80	Revised Ex. RW, Total Tract Acres, Obtain Area, & Permissions
05/21/19	80	Revised Obtain and Removed Permission
07/08/19	91	Removed Permission for EC
07/08/19	93	Added Temporary Construction Easement for Slope & EC Perm.
08/01/19	107	Added Temporary Construction Easement
08/26/19	109 & 111	Changed Property Owner to Narroway Theatre (Tract 110)
08/27/19	113	Revised total Property Area per Plat
10/31/19	114	Revised Obtain to include Uneconomic remainder
03/06/20	114	Revised Total Property Area per Deeds
07/14/20	104	Revised Obtain
07/28/20	104	Reduced Obtain due to removal of 2 outfalls
10/30/20	115	Subdivided tract into 115 & 115A
05/06/21	80	Added Entrance Permission for Added Driveway

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

- NOTES:**
- A. SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE
 - B. TOTAL TRACT ACRES DETERMINED FROM DRAWING FILES.



RIGHT OF WAY DATA SHEET

FINAL PLANS		FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	4C

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES ^B	OBTAIN			REMAINDER LEFT ACRES ^A	REMAINDER RIGHT ACRES ^A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT					TOTAL	OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	
120	ATCF REO	7210000035	1.003 AC											YES	Temporary Construction Easement of 776 SF for Slopes and Erosion Control	
121	MAURER HOLDINGS LLC	7210000046	5.749 AC			251 SF (0.006) AC	251 SF (0.006) AC	5.743 AC			YES		YES			
122	CRUMP GEORGE	7210000039	1.880 AC			1466 SF (0.034) AC	1466 SF (0.034) AC	1.846 AC							Temporary Construction Easement of 2,127 SF for Slopes and Erosion Control	
123	TAYLOR /HORRY PROPERTIES LLC	7250000015	3.681 AC			1320 SF (0.030) AC	1320 SF (0.030) AC	3.651 AC						YES	Temporary Construction Easement of 2261 SF for Slopes and Erosion control	
124	YORK COUNTY	7250000027	0.105 AC								YES		YES			
125	3551 HWY 51 PROPERTY MGMT LLC % JONATHAN W ROSS	7250000029	1.704 AC													
126	RESOURCE PROPERTIES VII ASSOC	7250000031	2.358 AC			6106 SF (0.140) AC	4510 SF (0.104) AC	10616 SF (0.244) AC	1.046 AC	1.067 AC					Temporary Construction Easement of 69 SF for Slopes	
127	ZOLOTARYOV GENNADY & EMMA KARAPETIAN	7250000010	2.158 AC			776 SF (0.018) AC		776 SF (0.018) AC	2.140 AC						Temporary Construction Easement of 1,268 SF for Slopes and Erosion Control	
128	LATHAM CARL III ETAL	7250000034	0.021 AC			902 SF (0.021) AC		902 SF (0.021) AC	0.000 AC							
129	MONROE PROPERTIES	7250000007	0.170 AC			208 SF (0.005) AC		208 SF (0.005) AC	7,197 SF		YES					
130	VICK WILLIAM W	7250000016	0.937 AC				6254 SF (0.144) AC	6254 SF (0.144) AC	0.793 AC		YES	YES	YES			
131	VICK WILLIAM W	7250000011	0.841 AC				6949 SF (0.160) AC	6949 SF (0.160) AC	0.681 AC		YES		YES			
132	VICK WILLIAM W	7250000012	0.483 AC			3055 SF (0.070) AC	3415 SF (0.078) AC	6469 SF (0.149) AC	5,791 SF	8,789 SF						
133	QUALITY POOLS GROUP, INC.	7250000014	2.022 AC				4189 SF (0.096) AC	4189 SF (0.096) AC	1.926 AC		YES	YES	YES	YES	See Tr 133A (Sht 4D) for Addtl R/W Acquisition Info	
134	VICK WILLIAM W	7250000013	2.178 AC				4815 SF (0.111) AC	4815 SF (0.111) AC	2.067 AC							
135	SUTTON THOMAS D SR	7260000081	1.095 AC													
136	YORK ELECTRIC COOPERATIVE INC	7260000065	0.967 AC													
137	ENGLISH TRAILS HOMEOWNER ASSOC INC	7261201083	9.861 AC													
138	CIRCLE B PROPERTIES	7250000192	1.533 AC			820 SF (0.019) AC		820 SF (0.019) AC	1.514 AC		YES		YES			
139	SIMON & WATSON ENTERPRISES LLC	7250000288	1.420 AC			402 SF (0.009) AC		402 SF (0.009) AC	1.411 AC	0.000 AC						
140	SOUTH CAROLINA BRISTOL EAST RETURN LLC	7250000289	3.089 AC													
142	OMANRA INTERNATIONAL INC	7250000003	1.888 AC				3413 SF (0.078) AC	3413 SF (0.078) AC	1.810 AC					YES	Temporary Construction Easement of 1,268 SF for Slopes and Erosion Control	
143	OMANRA INTERNATIONAL INC	7250000002	1.107 AC				2157 SF (0.050) AC	2157 SF (0.050) AC	1.057 AC					YES	Temporary Construction Easement of 697 SF for Slopes and Erosion Control	
144	MILLER CHARLES STEPHEN	7250000018	3.959 AC				6862 SF (0.158) AC	6862 SF (0.158) AC	3.801 AC		YES		YES	YES		
145	MILLER CHARLES STEPHEN ET AL	7250000017	10.949 AC				6239 SF (0.143) AC	6239 SF (0.143) AC	10.806 AC		YES		YES	YES		
146	MILLER JAMES ROSS & Johnie M	7250000017	11.520 AC			5090 SF (0.117) AC		5090 SF (0.117) AC	11.403 AC		YES		YES	YES		
147	MONROE PROPERTY MANAGEMENT LLC	7250000066	1.688 AC			1428 SF (0.033) AC		1428 SF (0.033) AC	1.655 AC				YES			
148	WAREHOUSE ONE, LLC & FMK MANAGEMENT, LLC	7250000067	1.102 AC								YES		YES			
149	DFJ ENTERPRISES INC	7250000065	1.411 AC													
150	WORLDWIDE VENTURES INC	7250000038	3.848 AC													
151	TEAM PROPERTIES LP	7250000039	2.452 AC													
152	BROWN ENTERPRISES	7250000046	2.195 AC													
153	SPRINGHILL FLEX LLC % THE TOMLIN GROUP LLC	7250000047	1.602 AC													
154	RESOURCE PROPERTIES V ASSOC	7250000025	8.552 AC			19812 SF (0.455) AC	12596 SF (0.289) AC	32408 SF (0.744) AC	1.934 AC	5.874 AC				YES		
155	RESOURCE PROPERTIES IV ASSOCIA	7250000021	5.532 AC													
156	IN A BEARING COMPANY INC	7250000009	59.696 AC													
157	CHARLES STEPHEN MILLER	22101201	0.000 AC													
158	THE JAMES ROSS MILLER, JR. FAMILY LIMITED PARTNERSHIP	20504114														
159	CMJ FAIRFIELD ROAD LLC	7210000031	1.983 AC			5094 SF (0.117) AC		5094 SF (0.117) AC	1.866 AC					YES		

DATE	TRACT NO.	REMARKS
09/13/18	127	Added RW Line across Existing RW
01/22/19	142	Added TCE and removed Slope and EC permissions
01/22/19	143	Added TCE and removed Slope and EC permissions
02/01/19	122	Revised RW and Added Temporary Construction Easement
02/01/19	146	Revised RW to tie to New State Line Location
03/28/19	127	Revised RW Line across Existing RW
03/28/19	129	Revised RW Line across Existing RW
04/05/19	120	Added TCE and removed Slope and EC permissions
04/12/19	126	Added TCE and removed Slope permissions
04/12/19	127	Added TCE and removed Slope and EC permissions
04/18/19	123	Added TCE and removed Slope and EC permissions
08/23/19	141	Tract 141 Removed and combined with Tract 140
03/17/20	129	Added Obtain Area to Tract 129
03/27/20	154	Added Entrance permission.
10/30/20	123	Subdivided tract into 123 & 123A
01/14/21	154	Corrected Obtain Left SF Area
12/22/21	133	Additional Perm Drainage Easmt Show n Under 133A
07/19/22	126	Corrected Obtain Area
07/19/22	128	Corrected Obtain Area, Removed Slope Permissions

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

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A. SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE
B. TOTAL TRACT ACRES DETERMINED FROM DRAWING FILES.

RIGHT OF WAY DATA SHEET

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES ^B	OBTAIN				REMAINDER LEFT ACRES ^A	REMAINDER RIGHT ACRES ^A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
160	ALL STATES CONSTRUCTION CO., INC.	7210000048	0.683 AC														
161	ALL STATES CONSTRUCTION CO., INC.	7210000021	0.245 AC														
162	HOF, LLC	7210000055	2.555 AC		14522 SF (0.333) AC		14522 SF (0.333) AC	2.222 AC									Temporary Construction Easement of 4,612 SF for slopes
163	MCDONALDS REAL ESTATE COMPANY	7210000029	3.651 AC														
164	UNIQUE USA, INC.	7210000037	4.635 AC														
165	ARC PSFMLS001, LLC	7210000037	0.850 AC														
166	BRYANT W. CUTTER AND NANCY L. CUTTER	7210000062	1.503 AC														
167	MONEYLINE PROPERTIES, LLC	7210000061	1.500 AC														
168	C & A PYRO, LLC	7210000059	3.264 AC														
169	MAR REAL ESTATE, LLC	7210000042	1.373 AC														
170	SPRINGFIELD TOWN CENTER LLC	0202101337	4.330 AC									YES		YES			
171	TWIN LAKES MOBILE HOME ESTATES	7260000027	29.000 AC														
172	ANNE BIGGERS FURR	7260000074	0.239 AC														
173	FORT MILL SCHOOL DISTRICT NO.4	7190000143	0.050 AC		2188 SF (0.050) AC		2188 SF (0.050) AC	0.000 AC									
174	HALL RAYMOND C. & PEGGY ROBINSON	7190000102	0.642 AC			1098 SF (0.025) AC	1098 SF (0.025) AC	0.617 AC									
175	HALL RAYMOND C. & PEGGY ROBINSON	7190000102	0.475 AC			3080 SF (0.071) AC	3080 SF (0.071) AC	0.404 AC									
176	ROBERT E EDWARDS	7190000186	0.878 AC														
177	CORVAIA FRANK & KATHLEEN	7190000104	0.669 AC			311 SF (0.007) AC	311 SF (0.007) AC	0.662 AC									
178	CORVAIA FRANK & KATHLEEN	7190000105	0.890 AC														
179	WALTER L & JOYCE H CORDELL	7190000106	0.726 AC														
180	BOBBY J HALL	7190000107	0.643 AC														
181	BOBBY HALL	7190000108	0.708 AC														
182	NICHOLAS W SACHARNER	7190000109	0.693 AC														
183	DEWEY E HOWEY & ELIZABETH ANN POOLE HOWEY, TRUSTEES OF THE HOWEY LIVING TRUST	7190000191	1.595 AC														
184	DEWEY E HOWEY	7190000184	0.884 AC														
185	ROSS DRESS FOR LESS	7210000063	107.816 AC									YES		YES			
113A	NARROWAY PRODUCTIONS INC	7210000078	0.661 AC														TR 113A Separated from TR 113 per Plat: BK 160 PG 339
186	FORT MILL SCHOOL DISTRICT NO.4	7190000199	40.362 AC		251 SF (0.006) AC		251 SF (0.006) AC	40.356 AC									
55A	FORT MILL SCHOOL DISTRICT NO.4	7190000100	18.248 AC														Parcel A (DB 2092 Page 114); Portion of Parcel 7190000100; Fort Mill School District to purchase
173A	FORT MILL SCHOOL DISTRICT NO.4	7190000199	1.729 AC														
115A	TAYLOR/YORK PROPERTIES LLC	7250000302	1.616 AC		221 SF (0.005) AC		221 SF (0.005) AC	1.611 AC									Temporary Construction Easement of 185 SF for Slopes and Erosion Control
123A	TAYLOR/HORRY PROPERTIES LLC	7250000303	7.885 AC			3679 SF (0.084) AC	3679 SF (0.084) AC	7.801 AC									Temporary Construction Easement of 4012 SF for Slopes and Erosion control
21A & 21B	TEBBS ALICE A	7190000050	0.845 AC			36791 SF (0.845) AC	36791 SF (0.845) AC	0.000 AC									Add'l Acquisition Area from Tr 21, Acquired Remainder of Tr 21A (4,752 SF SCDOT); Tr 21B (32,039 SF York County)
40A	ASH BRYAN N	7190000080	0.790 AC			3700 SF (0.085) AC	3700 SF (0.085) AC	0.705 AC									Additional Acquisition Area from Tract 40
65A	SHELDON CHRISTOPHER	7190000025	1.231 AC			213 SF (0.005) AC	213 SF (0.005) AC	1.226 AC									Additional Acquisition Area from Tract 65
9A	MANTEKAS SOTIROS & JANET	7170000012	8.393 AC		4790 SF (0.110) AC		4790 SF (0.110) AC	8.283 AC									Additional Acquisition Area from Tract 9
133A	QUALITY POOLS GROUP, INC.	7250000014	1.926 AC														Perm Drainage Easmt of 330 SF for Yard Inlet, Additional Acquisition Area from Tract 133
73A	WHITMIRE JAMES & BETTY S AND DEBORAH MCLAUGHIN, JT	7260000020	0.273 AC			11905 SF (0.273) AC	11905 SF (0.273) AC	0.000 AC									ADD'L ACQUISITION AREA FROM 73
54B	GATEWAY FORT MILL LLC	7190000027	0.216 AC			9428 SF (0.216) AC	9428 SF (0.216) AC	0.000 AC									AREA OBTAIN PRIOR TO R/W OBLIGATION SHOWN FOR INFORMATION

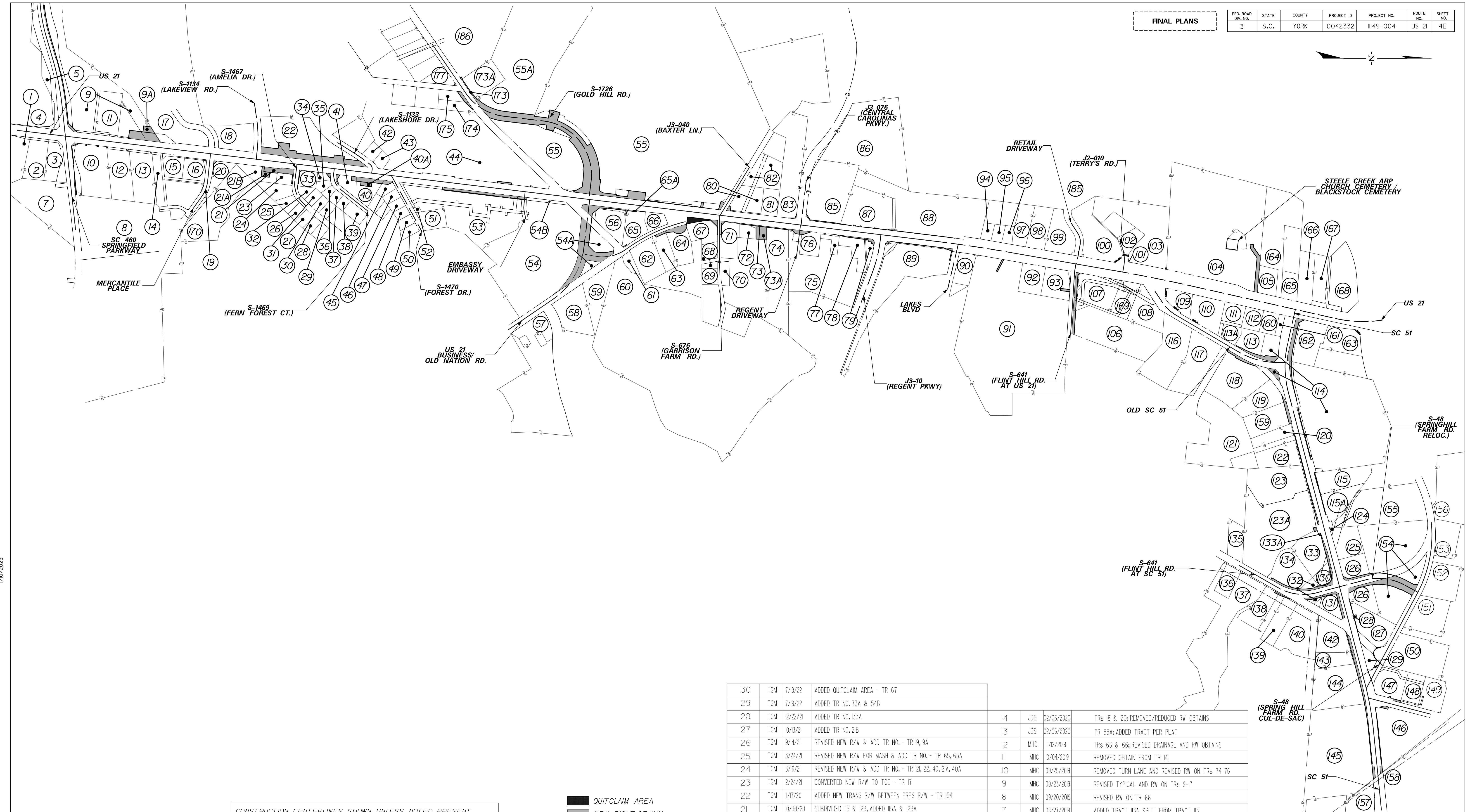
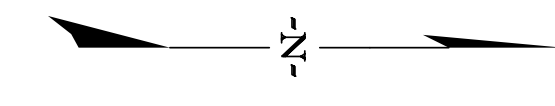
DATE	TRACT NO.	REMARKS
07/19/18	160	Removed Drive Permission
07/19/18	163	Added Drive Permission/Removed Obtain
12/04/18	162	Added TCE and removed Slope permission
04/11/19	162	Added Driveway on SC 51
04/19/19	163	Removed Drainage Structure Permission
08/27/19	113A	Property added per Plat
02/06/20	186	Property added per Plat
02/06/20	55A	Property added per Plat
08/11/20	173A	Added tract
08/11/20	55A	Revised owner
08/11/20	173	Revised Total Tract Ac and Remainder
09/08/20	185	Removed New R/W added Slope & Entrance Permission
10/30/20	115A & 123A	Subdivided tract 115 & 123, Add Tracts
03/16/21	21A & 40A	Added Tract No - Additional R/W
03/24/21	65A	Added Tract No - Additional R/W for MASH
09/14/21	9A	Added Tract No - Additional R/W
10/06/21	21A	Revised Obtain & Remarks
10/13/21	21A & 21B	Added Tract No 21B to 21A and Revised Remarks
11/02/21	161	Removed Entrance Permissions
12/22/21	133A	Added Tract No - Additional Perm Drainage Easmt
05/04/22	173	Revised Owner
07/19/22	73A & 54B	Added Tract No

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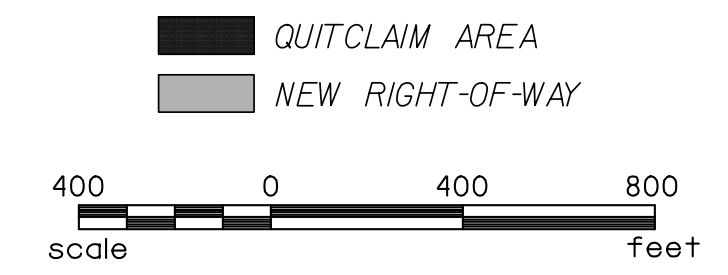
ROAD / ROUTE #	FILE #	R/W WIDTH	YEAR ACQ'D

NOTES:
 A. SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE
 B. TOTAL TRACT ACRES DETERMINED FROM DRAWING FILES.

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 AD Models and Sheets\04_CT_Transportation\Roadway\Plan Sheets\2515776_PLN_SHT4_4D.dgn
 1/10/2023



CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.



ACREAGE SHOWN IS PRESENT TOTAL TRACT ACRES FROM PROPERTY DATA RESEARCH AND SURVEYS BY CH ENGINEERING. PRESENT RIGHT-OF-WAY VERIFICATION WAS CONDUCTED BY CH ENGINEERING.

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
30	TGM	7/19/22	ADDED QUITCLAIM AREA - TR 67
29	TGM	7/19/22	ADDED TR NO. 73A & 54B
28	TGM	12/22/21	ADDED TR NO. 133A
27	TGM	10/13/21	ADDED TR NO. 21B
26	TGM	9/14/21	REVISED NEW R/W & ADD TR NO. - TR 9, 9A
25	TGM	3/24/21	REVISED NEW R/W FOR MASH & ADD TR NO. - TR 65, 65A
24	TGM	3/16/21	REVISED NEW R/W & ADD TR NO. - TR 21, 22, 40, 21A, 40A
23	TGM	2/24/21	CONVERTED NEW R/W TO TCE - TR 17
22	TGM	11/17/20	ADDED NEW TRANS R/W BETWEEN PRES R/W - TR 154
21	TGM	10/30/20	SUBDIVIDED 115 & 123, ADDED 115A & 123A
20	TGM	08/24/2020	REVISED TR 54A NEW R/W TRANS.
19	TGM	08/11/2020	ADDED TR 173A REVISED TR 173
18	JDS	07/28/2020	TR 104: ADDED R/W FOR OUTFALL REMOVED NEW R/W FOR 2 OUTFALLS
17	JDS	07/22/2020	TR 13: CHANGED R/W TO PERM. DRAINAGE EASEMENT
16	JDS	07/22/2020	TR 9: ADDED RW OBTAIN AREA
15	JDS	03/11/2020	TR 17: REDUCED RW OBTAIN AREA

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
14	JDS	02/06/2020	TRs 18 & 20: REMOVED/REDUCED RW OBTAINS
13	JDS	02/06/2020	TR 55A: ADDED TRACT PER PLAT
12	MHC	11/12/2019	TRs 63 & 66: REVISED DRAINAGE AND RW OBTAINS
11	MHC	10/04/2019	REMOVED OBTAIN FROM TR 14
10	MHC	09/25/2019	REMOVED TURN LANE AND REVISED RW ON TRs 74-76
9	MHC	09/23/2019	REVISED TYPICAL AND RW ON TRs 9-17
8	MHC	09/20/2019	REVISED RW ON TR 66
7	MHC	08/27/2019	ADDED TRACT 113A, SPLIT FROM TRACT 113
6	MHC	08/26/2019	REMOVED TRACT 141, COMBINED WITH TRACT 140
5	JDS	11/30/2018	TRACT 93,106,107: REVISED EXISTING & NEW R/W
4	JDS	08/14/2018	TRACT 26: INCREASED OBTAIN AREA
3	JDS	05/18/2018	TRACT 163: ELIMINATED NEW R/W
2	JDS	05/18/2018	CORRECTED NUMBER LABEL ON TRACT 54A
1	JDS	05/11/2018	TRACT 54: ELIMINATED NEW R/W

PREPARED BY MHC CHK'D BY RRS REVIEWED BY SSW

YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
PROPERTY STRIP MAP OVERVIEW**

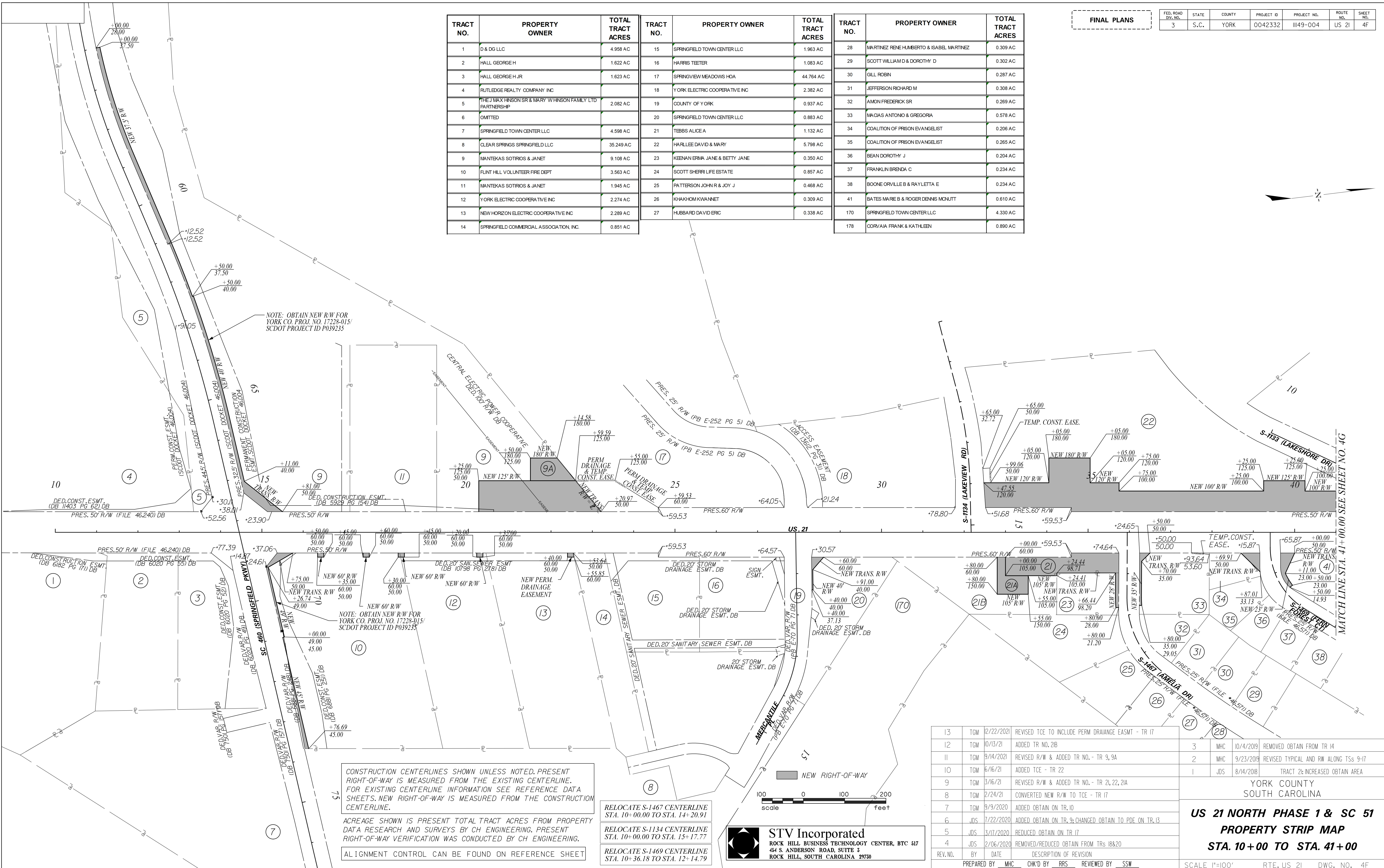
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 1/10/2023

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	4F

FINAL PLANS

TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES
1	D & DG LLC	4.958 AC	15	SPRINGFIELD TOWN CENTER LLC	1.963 AC	28	MARTINEZ RENE HUBERTO & ISABEL MARTINEZ	0.309 AC
2	HALL GEORGE H	1.622 AC	16	HARRIS TEETER	1.083 AC	29	SCOTT WILLIAM D & DOROTHY D	0.302 AC
3	HALL GEORGE H JR	1.623 AC	17	SPRINGVIEW MEADOWS HOA	44.764 AC	30	GILL ROBIN	0.287 AC
4	RUTLEDGE REALTY COMPANY INC		18	YORK ELECTRIC COOPERATIVE INC	2.382 AC	31	JEFFERSON RICHARD M	0.308 AC
5	THE J MAX HINSON SR & MARY W HINSON FAMILY LTD PARTNERSHIP	2.082 AC	19	COUNTY OF YORK	0.937 AC	32	AMON FREDERICK SR	0.269 AC
6	OMITTED		20	SPRINGFIELD TOWN CENTER LLC	0.883 AC	33	MACIAS ANTONIO & GREGORIA	0.578 AC
7	SPRINGFIELD TOWN CENTER LLC	4.598 AC	21	TEBBS ALICE A	1.132 AC	34	COALITION OF PRISON EVANGELIST	0.206 AC
8	CLEAR SPRINGS SPRINGFIELD LLC	35.249 AC	22	HARLEE DAVID & MARY	5.798 AC	35	COALITION OF PRISON EVANGELIST	0.265 AC
9	MANTEKAS SOTRIOS & JANET	9.108 AC	23	KEENAN ERMA JANE & BETTY JANE	0.350 AC	36	BEAN DOROTHY J	0.204 AC
10	FLINT HILL VOLUNTEER FIRE DEPT	3.563 AC	24	SCOTT SHERRI LIFE ESTATE	0.857 AC	37	FRANKLIN BRENDA C	0.234 AC
11	MANTEKAS SOTRIOS & JANET	1.945 AC	25	PATTERSON JOHN R & JOY J	0.468 AC	38	BOONE ORVILLE B & RAYLETTA E	0.234 AC
12	YORK ELECTRIC COOPERATIVE INC	2.274 AC	26	KHAKHOM KWANNET	0.309 AC	41	BATES MARE B & ROGER DENNIS MCNUIT	0.610 AC
13	NEW HORIZON ELECTRIC COOPERATIVE INC	2.289 AC	27	HUBBARD DAVID ERIC	0.338 AC	170	SPRINGFIELD TOWN CENTER LLC	4.330 AC
14	SPRINGFIELD COMMERCIAL ASSOCIATION, INC.	0.851 AC				178	CORVAIA FRANK & KATHLEEN	0.890 AC



CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.

ACREAGE SHOWN IS PRESENT TOTAL TRACT ACRES FROM PROPERTY DATA RESEARCH AND SURVEYS BY CH ENGINEERING. PRESENT RIGHT-OF-WAY VERIFICATION WAS CONDUCTED BY CH ENGINEERING.

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

RELOCATE S-1467 CENTERLINE STA. 10+00.00 TO STA. 14+20.91
 RELOCATE S-1134 CENTERLINE STA. 10+00.00 TO STA. 15+17.77
 RELOCATE S-1469 CENTERLINE STA. 10+36.18 TO STA. 12+14.79

STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730



13	TGM	12/22/2021	REVISED TCE TO INCLUDE PERM DRAINAGE ESMT - TR 17
12	TGM	10/13/21	ADDED TR NO. 21B
11	TGM	9/14/2021	REVISED R/W & ADDED TR NO. - TR 9, 9A
10	TGM	6/16/21	ADDED TCE - TR 22
9	TGM	3/16/21	REVISED R/W & ADDED TR NO. - TR 21, 22, 21A
8	TGM	2/24/21	CONVERTED NEW R/W TO TCE - TR 17
7	TGM	9/9/2020	ADDED OBTAIN ON TR. 10
6	JDS	7/22/2020	ADDED OBTAIN ON TR. 9; CHANGED OBTAIN TO PDF ON TR. 13
5	JDS	3/17/2020	REDUCED OBTAIN ON TR 17
4	JDS	2/06/2020	REMOVED/REDUCED OBTAIN FROM TRs 18&20

3	MHC	10/4/2019	REMOVED OBTAIN FROM TR 14
2	MHC	9/23/2019	REVISED TYPICAL AND RW ALONG TSs 9-17
1	JDS	8/14/2018	TRACT 2H INCREASED OBTAIN AREA

YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
PROPERTY STRIP MAP
STA. 10+00 TO STA. 41+00**

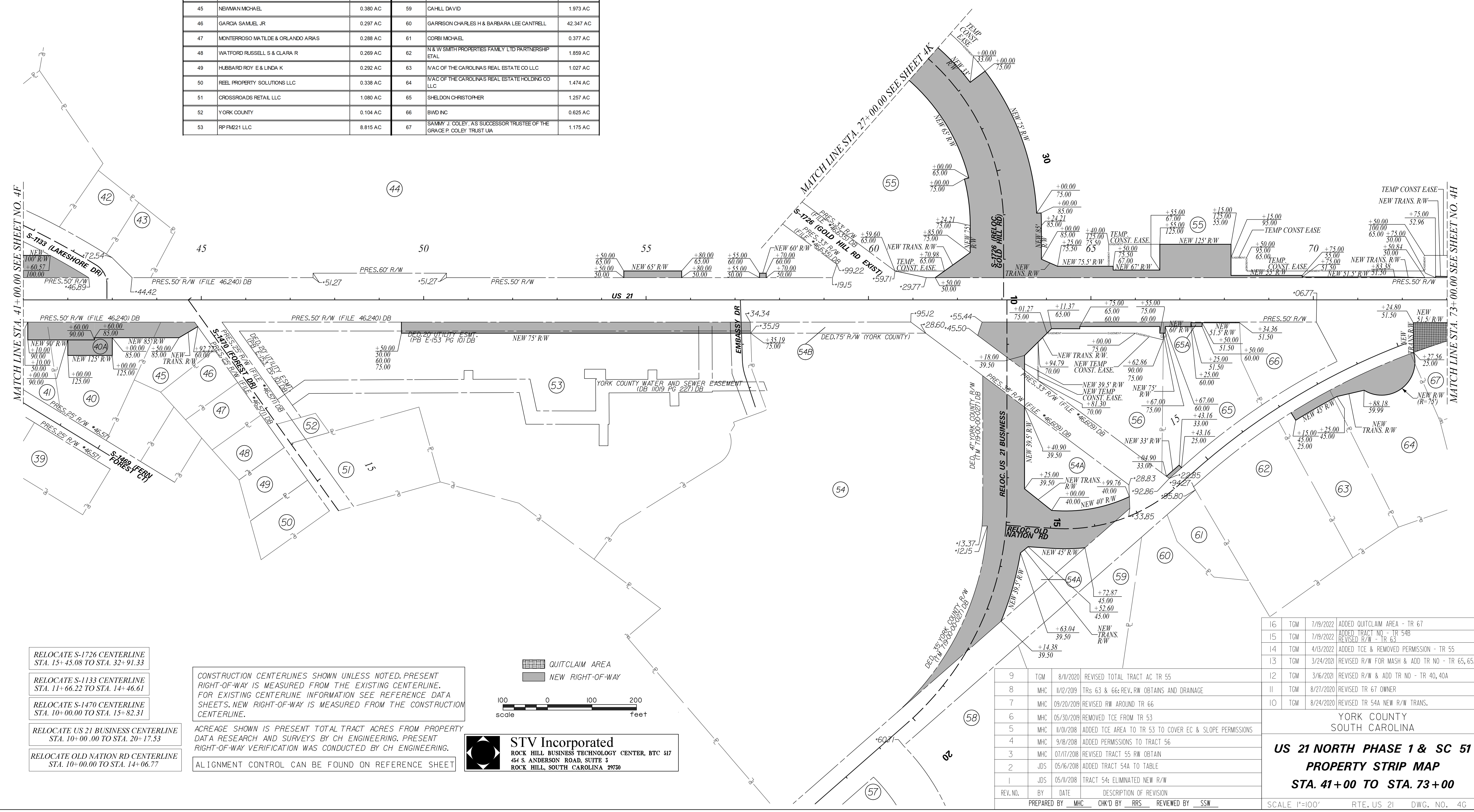
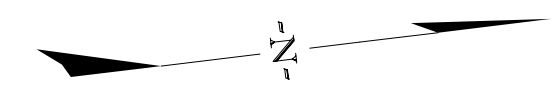
SCALE 1"=100' RTE. US 21 DWG. NO. 4F

MATCH LINE STA. 41+00.00 SEE SHEET NO. 4G

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	4G

FINAL PLANS

TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES
39	THOMPSON TIM & LAURI	0.551 AC	54	GATEWAY FORT MILL LLC	14.610 AC
40	ASH BRY ANN	0.999 AC	54A	YORK COUNTY	2.606 AC
41	BATES MARE B & ROGER DENIS MONJTT	0.610 AC	55	THE EUBANKS FAMILY LTD PARTNERSHIP	54.830 AC
42	MCCRIVEN CAROL	0.397 AC	56	AMERICA'S FINEST CAR WASH II LLC	1.764 AC
43	MCCRIVEN CAROL	0.338 AC	57	FAIRWAY TOWNES OWNERS ASSOC INC	9.622 AC
44	EDWARDS RICHARD KENDRICK SR TRUSTEE	18.181 AC	58	STORE MASTER FUNDING V LLS	2.515 AC
45	NEWMAN MICHAEL	0.380 AC	59	CAHILL DAVID	1.973 AC
46	GAROA SAMUEL JR	0.297 AC	60	GARRISON CHARLES H & BARBARA LEE CANTRELL	42.347 AC
47	MONTERROSO MATILDE & ORLANDO ARIAS	0.288 AC	61	CORBI MICHAEL	0.377 AC
48	WATFORD RUSSELL S & CLARA R	0.269 AC	62	N & W SMITH PROPERTIES FAMILY LTD PARTNERSHIP ETAL	1.859 AC
49	HUBBARD ROY E & LINDA K	0.292 AC	63	NAC OF THE CAROLINAS REAL ESTATE CO LLC	1.027 AC
50	REEL PROPERTY SOLUTIONS LLC	0.338 AC	64	NAC OF THE CAROLINAS REAL ESTATE HOLDING CO LLC	1.474 AC
51	CROSSROADS RETAIL LLC	1.080 AC	65	SHELDON CHRISTOPHER	1.257 AC
52	YORK COUNTY	0.104 AC	66	BWD INC	0.625 AC
53	RFPM21 LLC	8.815 AC	67	SAMMY J. COLEY, AS SUCCESSOR TRUSTEE OF THE GRACE P. COLEY TRUST UA	1.175 AC



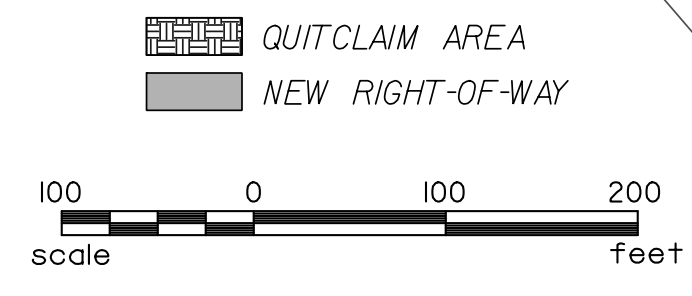
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- RELOCATE S-1726 CENTERLINE STA. 15+45.08 TO STA. 32+91.33
- RELOCATE S-1133 CENTERLINE STA. 11+66.22 TO STA. 14+46.61
- RELOCATE S-1470 CENTERLINE STA. 10+00.00 TO STA. 15+82.31
- RELOCATE US 21 BUSINESS CENTERLINE STA. 10+00.00 TO STA. 20+17.53
- RELOCATE OLD NATION RD CENTERLINE STA. 10+00.00 TO STA. 14+06.77

CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.

ACREAGE SHOWN IS PRESENT TOTAL TRACT ACRES FROM PROPERTY DATA RESEARCH AND SURVEYS BY CH ENGINEERING. PRESENT RIGHT-OF-WAY VERIFICATION WAS CONDUCTED BY CH ENGINEERING.

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 464 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29750

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
9	TGM	8/1/2020	REVISED TOTAL TRACT AC TR 55
8	MHC	11/2/2019	TRs 63 & 66: REV. RW OBTAINS AND DRAINAGE
7	MHC	09/20/2019	REVISED RW AROUND TR 66
6	MHC	05/30/2019	REMOVED TCE FROM TR 53
5	MHC	11/01/2018	ADDED TCE AREA TO TR 53 TO COVER EC & SLOPE PERMISSIONS
4	MHC	9/18/2018	ADDED PERMISSIONS TO TRACT 56
3	MHC	07/17/2018	REVISED TRACT 55 RW OBTAIN
2	JDS	05/16/2018	ADDED TRACT 54A TO TABLE
1	JDS	05/11/2018	TRACT 54: ELIMINATED NEW R/W

PREPARED BY MHC CHK'D BY RRS REVIEWED BY SSW

16	TGM	7/19/2022	ADDED QUITCLAIM AREA - TR 67
15	TGM	7/19/2022	ADDED TRACT NO - TR 54B REVISED R/W - TR 63
14	TGM	4/13/2022	ADDED TCE & REMOVED PERMISSION - TR 55
13	TGM	3/24/2021	REVISED R/W FOR MASH & ADD TR NO - TR 65, 65A
12	TGM	3/16/2021	REVISED R/W & ADD TR NO - TR 40, 40A
11	TGM	8/21/2020	REVISED TR 67 OWNER
10	TGM	8/24/2020	REVISED TR 54A NEW R/W TRANS.

YORK COUNTY
SOUTH CAROLINA

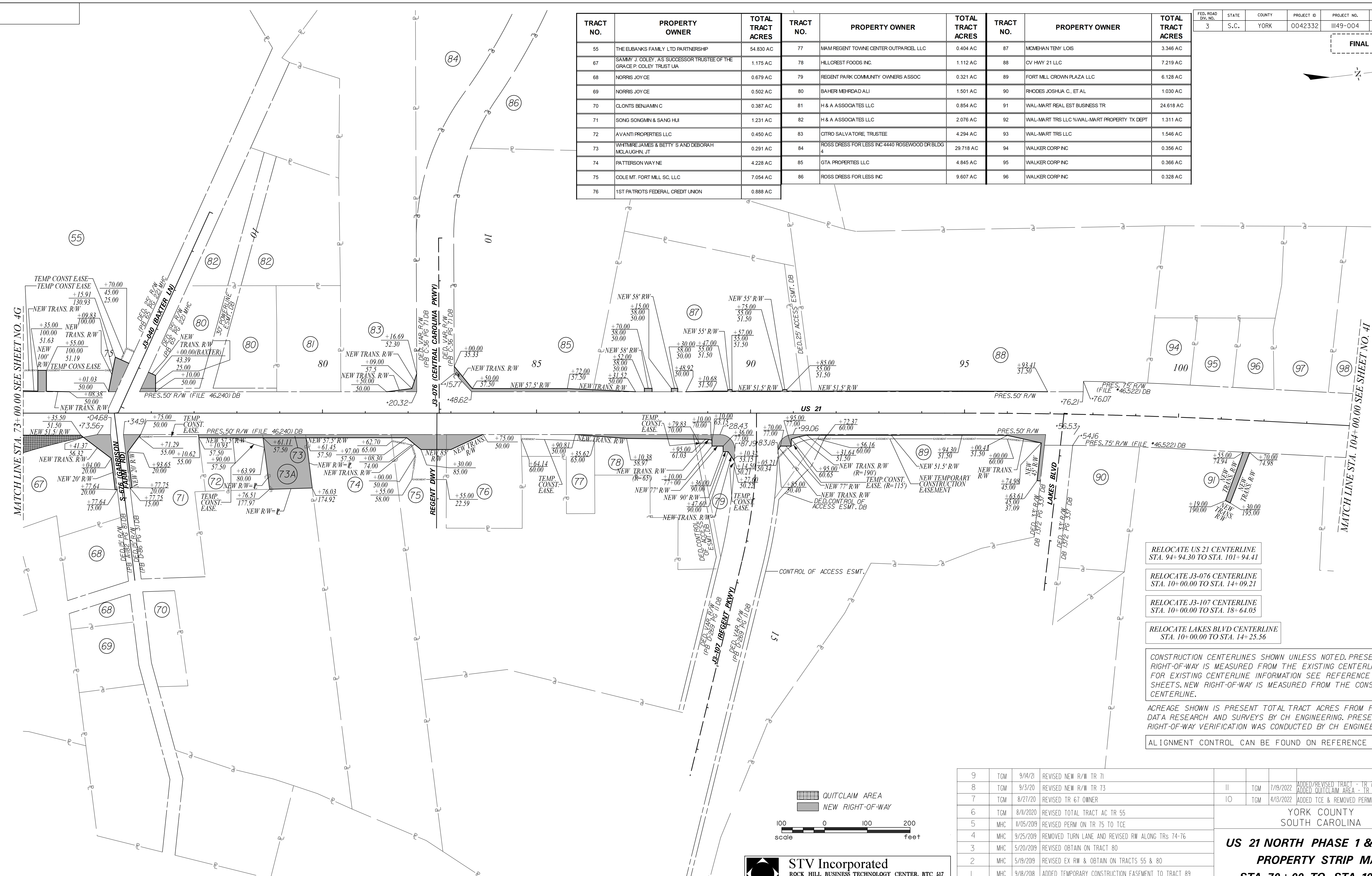
**US 21 NORTH PHASE 1 & SC 51
PROPERTY STRIP MAP
STA. 41+00 TO STA. 73+00**

SCALE 1"=100' RTE. US 21 DWG. NO. 4G

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	4H

FINAL PLANS

TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES
55	THE EUBANKS FAMILY LTD PARTNERSHIP	54.830 AC	77	MAM REGENT TOWNE CENTER OUTPARCEL, LLC	0.404 AC	87	MOHEGAN TENY LOIS	3.346 AC
67	SAMMY J. COLEY, AS SUCCESSOR TRUSTEE OF THE GRACE P. COLEY TRUST U/A	1.175 AC	78	HILLCREST FOODS INC.	1.112 AC	88	CV HWY 21 LLC	7.219 AC
68	NORRIS JOYCE	0.679 AC	79	REGENT PARK COMMUNITY OWNERS ASSOC	0.321 AC	89	FORT MILL CROWN PLAZA LLC	6.128 AC
69	NORRIS JOYCE	0.502 AC	80	BAHERI MEHRDAD ALI	1.501 AC	90	RHODES JOSHUA C., ET AL.	1.030 AC
70	CLONTS BENJAMIN C	0.387 AC	81	H & A ASSOCIATES LLC	0.854 AC	91	WAL-MART REAL EST BUSINESS TR	24.618 AC
71	SONG SONGMIN & SANG HUI	1.231 AC	82	H & A ASSOCIATES LLC	2.076 AC	92	WAL-MART TRS LLC %WAL-MART PROPERTY TX DEPT	1.311 AC
72	AVANTI PROPERTIES LLC	0.450 AC	83	CITRO SALVATORE, TRUSTEE	4.294 AC	93	WAL-MART TRS LLC	1.546 AC
73	WHITMIRE JAMES & BETTY S AND DEBORAH McLAUGHN, JT	0.291 AC	84	ROSS DRESS FOR LESS INC 4440 ROSEWOOD DR BLDG 4	29.718 AC	94	WALKER CORP INC	0.356 AC
74	PATTERSON WAYNE	4.228 AC	85	GTA PROPERTIES LLC	4.845 AC	95	WALKER CORP INC	0.366 AC
75	COLEMT. FORT MILL SC, LLC	7.054 AC	86	ROSS DRESS FOR LESS INC	9.607 AC	96	WALKER CORP INC	0.328 AC
76	1ST PATRIOTS FEDERAL CREDIT UNION	0.888 AC						

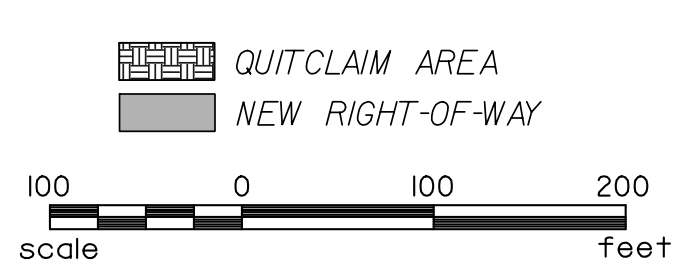


- RELOCATE US 21 CENTERLINE STA. 94+94.30 TO STA. 101+94.41
- RELOCATE J3-076 CENTERLINE STA. 10+00.00 TO STA. 14+09.21
- RELOCATE J3-107 CENTERLINE STA. 10+00.00 TO STA. 18+64.05
- RELOCATE LAKES BLVD CENTERLINE STA. 10+00.00 TO STA. 14+25.56

CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.

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ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



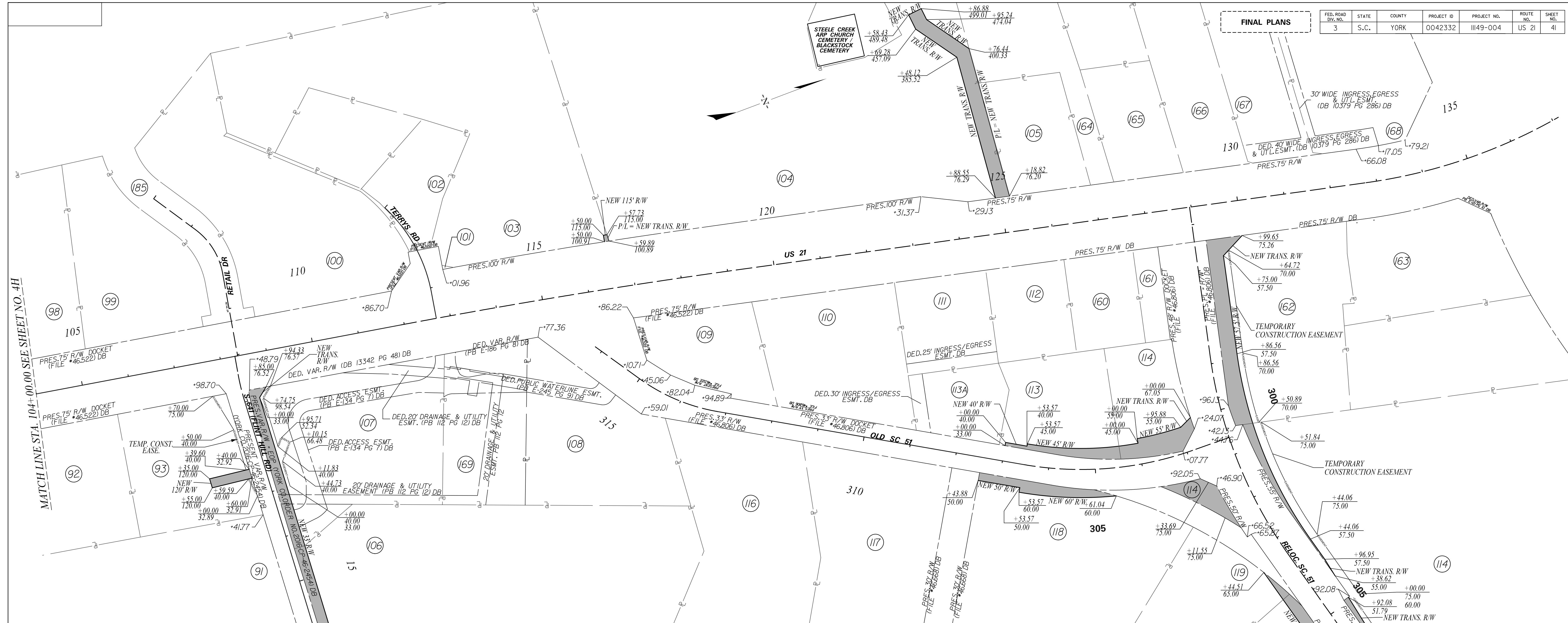
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730

9	TGM	9/14/21	REVISED NEW R/W TR 71			
8	TGM	9/3/20	REVISED NEW R/W TR 73			
7	TGM	8/27/20	REVISED TR 67 OWNER			
6	TGM	8/11/2020	REVISED TOTAL TRACT AC TR 55			
5	MHC	11/05/2019	REVISED PERM ON TR 75 TO TCE			
4	MHC	9/25/2019	REMOVED TURN LANE AND REVISED RW ALONG TRs 74-76			
3	MHC	5/20/2019	REVISED OBTAIN ON TRACT 80			
2	MHC	5/19/2019	REVISED EX RW & OBTAIN ON TRACTS 55 & 80			
1	MHC	9/18/2018	ADDED TEMPORARY CONSTRUCTION EASEMENT TO TRACT 89			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION			
	PREPARED BY	MHC	CHK'D BY	RRS	REVIEWED BY	SSW

11	TGM	7/19/2022	ADDED/REVISED TRACT - TR 73 & 73A
10	TGM	4/13/2022	ADDED QUITCLAIM AREA - TR 67
			ADDED TCE & REMOVED PERMISSION - TR 55
YORK COUNTY SOUTH CAROLINA			
US 21 NORTH PHASE 1 & SC 57 PROPERTY STRIP MAP			
STA. 70+00 TO STA. 104+00			
SCALE 1"=100' RTE. US 21 DWG. NO. 4H			

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FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	41



MATCH LINE STA. 104+00.00 SEE SHEET NO. 4H

MATCH LINE STA. 310+50.00 SEE SHEET NO. 4J

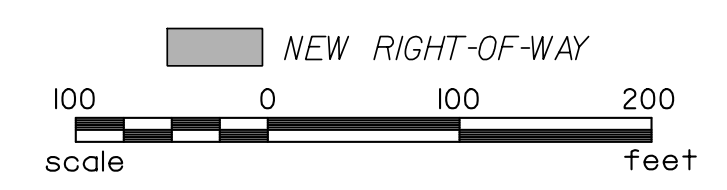
TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES
91	WAL-MART REAL EST BUSINESS TR	24.576 AC	116	COMPACT POWER EQUIPMENT CENTERS LLC	3.953 AC
92	WAL-MART TRS LLC %WAL-MART PROPERTY TX DEPT	1.311 AC	117	AUSTIN EUGENE TRUSTEE	3.425 AC
93	WAL-MART TRS LLC	1.543 AC	118	SPARROW ROBERT CLAY	4.071 AC
98	A & P CAR CARE CENTER INC	1.573 AC	119	UNIQUE STONE CREATIONS INC	1.855 AC
99	STERLINGS YORK LLC	1.843 AC	120	ATCF RED	1.003 AC
100	FURR JULIA	3.285 AC	121	MAURER HOLDINGS LLC	5.749 AC
101	SC DOT		122	CRUMP GEORGE	1.880 AC
102	NC STORAGE LLC		123	TAYLOR/HORRY PROPERTIES LLC	11.580 AC
103	FURR JULIA ZORADO	5.563 AC	159	GMJ FAIRFIELD ROAD LLC	1.983 AC
104	CAROWINDS POINT CROSSING LLC	19.469 AC	160	ALL STATES CONSTRUCTION CO., INC.	0.683 AC
105	JUNG PROPERTIES LLC	0.990 AC	161	ALL STATES CONSTRUCTION CO., INC.	0.245 AC
106	HUDSON PROPERTY MANAGEMENT, LLC	5.384 AC	162	HOF, LLC	2.555 AC
107	EXIT 68 LLC	2.468 AC	163	MCDONALDS REAL ESTATE COMPANY	3.651 AC
108	COMPACT POWER EQUIPMENT LLC	2.668 AC	164	UNIQUE USA, INC.	4.635 AC
109	NARROWAY PRODUCTIONS INC	0.997 AC	165	ARC PSMFSCO01, LLC	0.850 AC
110	NARROWAY PRODUCTIONS INC	1.900 AC	166	BRYANT W. CUTTIER AND NANCY L. CUTTIER	1.503 AC
111	NARROWAY PRODUCTIONS INC	0.901 AC	167	MONEY LINE PROPERTIES, LLC	1.500 AC
112	PAPILLON LLC	0.780 AC	168	C & A PYRO, LLC	3.264 AC
113	ALLSTATE CONSTRUCTION INC	1.126 AC	169	MAR REAL ESTATE, LLC	1.373 AC
113A	NARROWAY PRODUCTIONS INC	0.661 AC	185	ROSS DRESS FOR LESS	107.816 AC
114	194 SPRINGHILL FARMS ROAD, LLC	18.801 AC			

- RELOCATE US 21 CENTERLINE STA. 111+93.54 TO STA. 137+13.92
- RELOCATE RETAIL DR CENTERLINE STA. 10+00.00 TO STA. 14+02.72
- RELOCATE S-641 CENTERLINE STA. 10+00.00 TO STA. 10+97.54
- RELOCATE OLD SC 51 CENTERLINE STA. 313+18.12 TO STA. 316+16.73
- RELOCATE SC 51 CENTERLINE STA. 295+62.30 TO STA. 306+19.03

CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.

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ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
8	TGM	9/8/2020	TR 185: REMOVED NEW R/W
7	JDS	07/28/2020	TR 104: REVISED OBTAIN
6	MHC	10/31/2019	REVISED TR 114 OBTAIN, ADDED UNECONOMIC REMAINDER
5	MHC	08/21/2019	ADDED TR 113A, SPLIT FROM TR 113
4	MHC	08/26/2019	CHANGED PROP. OWNER FOR TRS 109 & 111
3	MHC	08/01/2019	ADDED TCE TO TR 107
2	MHC	07/08/2019	ADDED TCE TO TR 93
1	JDS	11/30/2018	TRACTS 93, 106, 107: REVISED EXIST. & NEW R/W

YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
PROPERTY STRIP MAP
US 21: STA. 104+00 TO
SC 51: STA. 310+00
 SCALE 1"=100' RTE. US 21 DWG. NO. 41

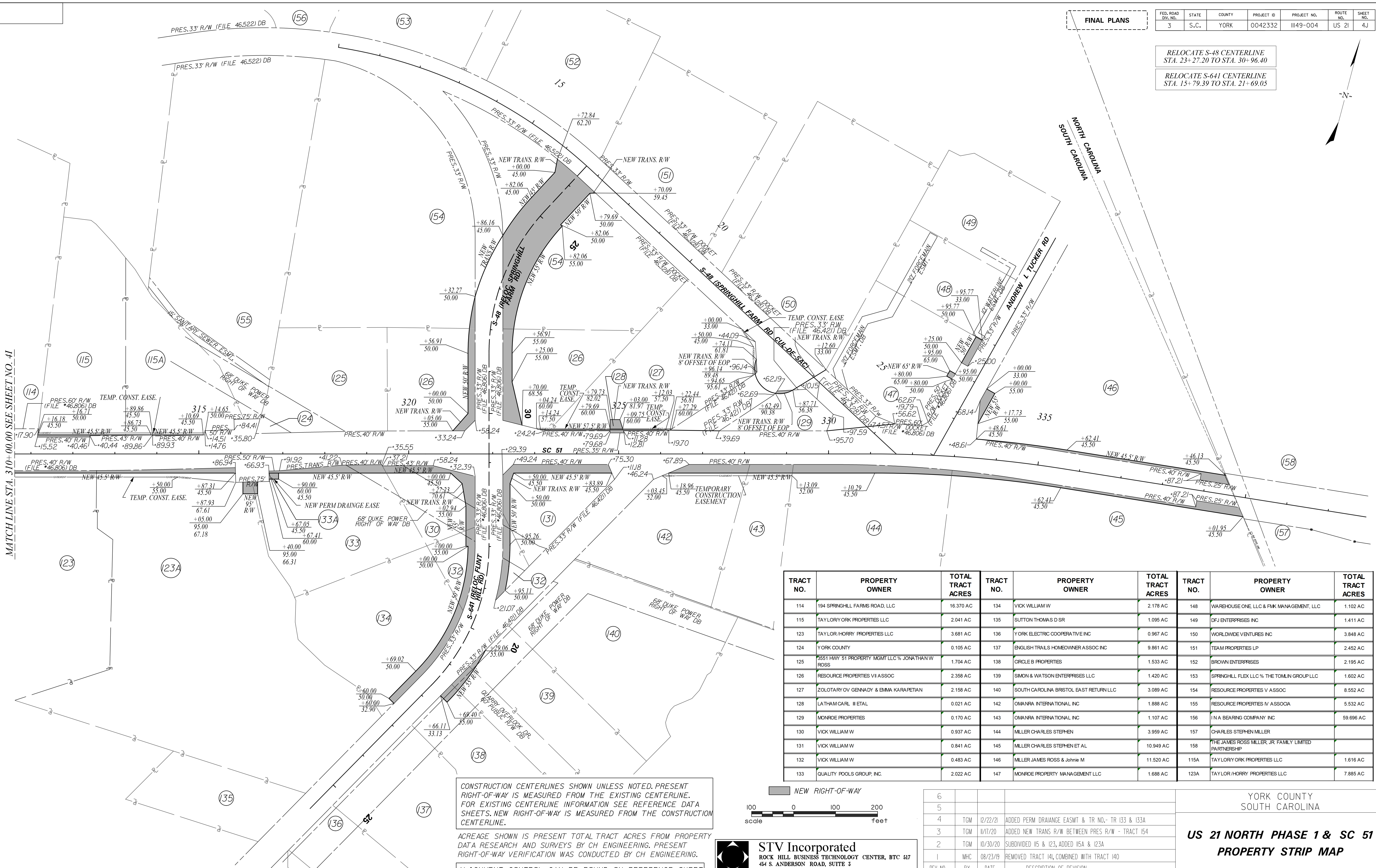
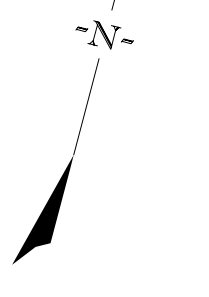
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FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	4J

RELOCATE S-48 CENTERLINE
STA. 23+27.20 TO STA. 30+96.40

RELOCATE S-641 CENTERLINE
STA. 15+79.39 TO STA. 21+69.05

FINAL PLANS



MATCH LINE STA. 310+00.00 SEE SHEET NO. 4I

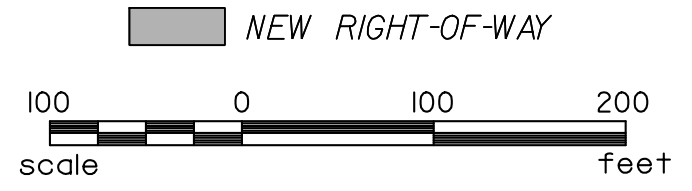
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1/20/2025

TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES	TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES
114	194 SPRINGHILL FARMS ROAD, LLC	16.370 AC	134	VICK WILLIAM W	2.178 AC	148	WAREHOUSE ONE, LLC & FMK MANAGEMENT, LLC	1.102 AC
115	TAYLOR/ORK PROPERTIES LLC	2.041 AC	135	SUTTON THOMAS D SR	1.095 AC	149	DFJ ENTERPRISES INC	1.411 AC
123	TAYLOR/HORRY PROPERTIES LLC	3.681 AC	136	YORK ELECTRIC COOPERATIVE INC	0.967 AC	150	WORLDWIDE VENTURES INC	3.848 AC
124	YORK COUNTY	0.105 AC	137	ENGLISH TRAILS HOMEOWNER ASSOC INC	9.861 AC	151	TEAM PROPERTIES LP	2.452 AC
125	3551 HWY 51 PROPERTY MGMT LLC % JONATHAN W ROSS	1.704 AC	138	OROLE B PROPERTIES	1.533 AC	152	BROWN ENTERPRISES	2.195 AC
126	RESOURCE PROPERTIES VII ASSOC	2.358 AC	139	SIMON & WATSON ENTERPRISES LLC	1.420 AC	153	SPRINGHILL FLEX LLC % THE TOMLIN GROUP LLC	1.602 AC
127	ZOLOTARY OV GENNADY & EMMA KARAPETIAN	2.158 AC	140	SOUTH CAROLINA BRISTOL EAST RETURN LLC	3.089 AC	154	RESOURCE PROPERTIES V ASSOC	8.552 AC
128	LATHAM CARL II ETAL	0.021 AC	142	OMANRA INTERNATIONAL INC	1.888 AC	155	RESOURCE PROPERTIES IV ASSOCIA	5.532 AC
129	MONROE PROPERTIES	0.170 AC	143	OMANRA INTERNATIONAL INC	1.107 AC	156	I N A BEARING COMPANY INC	59.696 AC
130	VICK WILLIAM W	0.937 AC	144	MILLER CHARLES STEPHEN	3.959 AC	157	CHARLES STEPHEN MILLER	
131	VICK WILLIAM W	0.841 AC	145	MILLER CHARLES STEPHEN ET AL	10.949 AC	158	THE JAMES ROSS MILLER, JR FAMILY LIMITED PARTNERSHIP	
132	VICK WILLIAM W	0.483 AC	146	MILLER JAMES ROSS & Johnie M	11.520 AC	115A	TAYLOR/ORK PROPERTIES LLC	1.616 AC
133	QUALITY POOLS GROUP, INC.	2.022 AC	147	MONROE PROPERTY MANAGEMENT LLC	1.688 AC	123A	TAYLOR/HORRY PROPERTIES LLC	7.885 AC

CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.

ACREAGE SHOWN IS PRESENT TOTAL TRACT ACRES FROM PROPERTY DATA RESEARCH AND SURVEYS BY CH ENGINEERING. PRESENT RIGHT-OF-WAY VERIFICATION WAS CONDUCTED BY CH ENGINEERING.

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
454 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29730

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
6			
5			
4	TGM	12/22/21	ADDED PERM DRAINAGE EASMT & TR NO. - TR 133 & 133A
3	TGM	11/17/20	ADDED NEW TRANS R/W BETWEEN PRES R/W - TRACT 154
2	TGM	10/30/20	SUBDIVIDED 115 & 123, ADDED 115A & 123A
1	MHC	08/23/19	REMOVED TRACT 141, COMBINED WITH TRACT 140

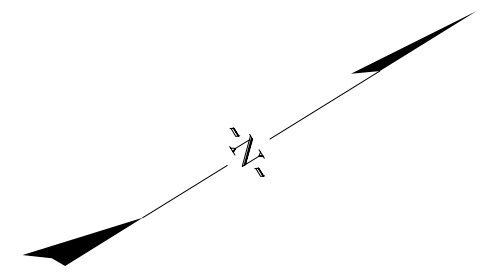
PREPARED BY MHC CHK'D BY CTC REVIEWED BY SSW

YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
PROPERTY STRIP MAP**

SCALE 1"=100' RTE. US 21 DWG. NO. 4J

FINAL PLANS



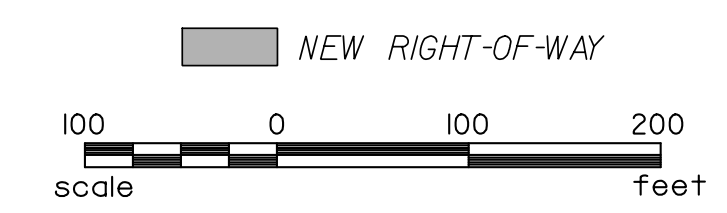
TRACT NO.	PROPERTY OWNER	TOTAL TRACT ACRES
44	EDWARDS RICHARD KENDRICK SR TRUSTEE	18.182 AC
55	THE EUBANKS FAMILY LTD PARTNERSHIP	54.830 AC
173	EUBANKS THOMAS HALL & DONNA D.	0.050 AC
174	HALL RAYMOND C. & PEGGY ROBINSON	0.842 AC
175	HALL RAYMOND C. & PEGGY ROBINSON	0.475 AC
176	ROBERT E EDWARDS	0.878 AC
177	CORVAIA FRANK & KATHLEEN	0.669 AC
178	CORVAIA FRANK & KATHLEEN	0.890 AC
179	WALTER L & JOYCE H CORDELL	0.728 AC
180	BOBBY J HALL	0.643 AC
181	BOBBY HALL	0.708 AC
182	NICHOLAS W SCHACHNER	0.693 AC
183	DEWEY E HOWEY & ELIZABETH ANN POOLE HOWEY TRUSTEES OF THE HOWEY LIVING TRUST	1.595 AC
184	DEWEY E HOWEY	0.884 AC
186	FORT MILL SCHOOL DISTRICT NO.4	40.362 AC
55A	FORT MILL SCHOOL DISTRICT NO.4	18.248 AC
173A	FORT MILL SCHOOL DISTRICT NO.4	1.728 AC

RELOCATE S-1726 CENTERLINE STA. 15+45.08 TO STA. 32+91.33

CONSTRUCTION CENTERLINES SHOWN UNLESS NOTED. PRESENT RIGHT-OF-WAY IS MEASURED FROM THE EXISTING CENTERLINE. FOR EXISTING CENTERLINE INFORMATION SEE REFERENCE DATA SHEETS. NEW RIGHT-OF-WAY IS MEASURED FROM THE CONSTRUCTION CENTERLINE.

ACREAGE SHOWN IS PRESENT TOTAL TRACT ACRES FROM PROPERTY DATA RESEARCH AND SURVEYS BY CH ENGINEERING. PRESENT RIGHT-OF-WAY VERIFICATION WAS CONDUCTED BY CH ENGINEERING.

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
6			
5			
4	TGM	4/13/2022	ADDED TCE & REMOVED PERMISSION - TR 55
3	TGM	8/11/2020	ADDED TR 173A, REVISED OWNER TR 55A REVISED TOTAL TRACT AC TR 55, 173
2	JDS	02/06/20	ADDED TRACTS 55A & 186 PER PLAT
1	MHC	07/17/08	REVISED TRACT 55 RW OBTAIN

YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
PROPERTY STRIP MAP**

SCALE 1"=100' RTE. US 21 DWG. NO. 4K

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GENERAL CONSTRUCTION NOTES

FINAL PLANS

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NOS.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	5

INCLUSIONS ITEMS

ITEM NO.	PAY ITEM	QUANTITY	UNIT	USE DESCRIPTION
1031000	MOBILIZATION	NEC.	LS	PER CONTRACT DOCUMENTS
1031100	MOBILIZATION - SUBCONTRACTOR	NEC.	LS	PER CONTRACT DOCUMENTS
1032010	BONDS AND INSURANCE	NEC.	LS	PER CONTRACT DOCUMENTS
1050800	CONSTRUCTION STAKES, LINES & GRADES	1	EA	PER CONTRACT DOCUMENTS
1052001	UTILITY STAKING	NEC.	LS	PER CONTRACT DOCUMENTS
1080300	CPM PROGRESS SCHEDULE	NEC.	LS	PER CONTRACT DOCUMENTS
2011000	CLEARING & GRUBBING WITHIN RIGHT OF WAY	NEC.	LS	PER CONTRACT DOCUMENTS
2021000	REMOVAL OF STRUCTURES & OBSTRUCTIONS	NEC.	LS	PER CONTRACT DOCUMENTS
2031000	UNCLASSIFIED EXCAVATION	184	CY	FOR EROSION CONTROL WHERE DIRECTED BY ENGINEER
3069900	MAINTENANCE STONE	2,500	TON	FOR FULL DEPTH PAV. PATCHING WHERE DIRECTED BY THE ENGINEER
3069900	MAINTENANCE STONE	3,000	TON	WHERE DIRECTED BY THE ENGINEER
4012150	FULL DEPTH ASPH. PAV. PATCHING 15" UNIF	10,000	SY	WHERE DIRECTED BY THE ENGINEER
7149999	CLEANING EXISTING PIPE	2,000	LF	WHERE DIRECTED BY THE ENGINEER
8041020	RIP-RAP (CLASS B)	484	TON	FOR EROSION CONTROL
8042800	GEOTEXTILE FABRIC FOR EROSION CONTROL UNDER RIPRAP (CLASS 2)	506	SY	FOR EROSION CONTROL
8068301	TEMPORARY BARRIER FENCE	1,935	LF	FOR WETLAND PROTECTION WHERE DIRECTED BY THE ENGINEER

PROJECT CONTACTS		
NAME	TELEPHONE	
PROGRAM / PROJECT MANAGER:		
DESIGN GROUP COORDINATOR:		

SCDOT GENERAL CONSTRUCTION NOTES:

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

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

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

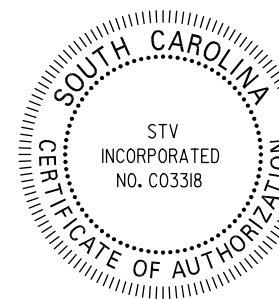
ALL MUCKING OR UNDERCUT SHALL BE PAID FOR AS UNCLASSIFIED EXCAVATION UNDER PAY ITEM 2031000. ANY DEWATERING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO UNCLASSIFIED EXCAVATION, AND SHALL NOT HAVE A SEPARATE PAY ITEM.

CLEAR AND GRUB AREAS SHOWN IN THE PLANS PER SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SECTION 201, EXCEPT WHERE OTHERWISE DIRECTED BY THE ENGINEER.

EROSION CONTROL ITEMS

ITEM NO.	PAY ITEM	QUANTITY	UNIT	USE DESCRIPTION
8100100	PERMANENT COVER	46.57	ACRE	FOR EROSION CONTROL
8100200	TEMPORARY COVER	46.57	ACRE	FOR EROSION CONTROL
8104005	FERTILIZER (NITROGEN)	4,657	LB	FOR EROSION CONTROL
8104010	FERTILIZER (PHOSPHORIC ACID)	4,657	LB	FOR EROSION CONTROL
8104015	FERTILIZER (POTASH)	4,657	LB	FOR EROSION CONTROL
8105005	AGRICULTURAL GRANULAR LIME	93,140	LB	FOR EROSION CONTROL
8109050	SELECTIVE WATERING	271,500	GAL	FOR EROSION CONTROL
8109901	MOWING	139.71	ACRE	FOR EROSION CONTROL
8151201	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 1	90.78	ACRE	
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	48.93	ACRE	FOR EROSION CONTROL
8153000	SILT FENCE	34,734	LF	FOR EROSION CONTROL
8153090	REPLACE/REPAIR SILT FENCE	6,948	LF	FOR EROSION CONTROL WHERE DIRECTED BY ENGINEER
8154010	CLEANING SILT BASINS	342	CY	FOR EROSION CONTROL WHERE DIRECTED BY ENGINEER
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	17,368	LF	FOR EROSION CONTROL WHERE DIRECTED BY ENGINEER
8156219	INLET STRUCTURE FILTER - TYPE A	414	LF	FOR EROSION CONTROL WHERE DIRECTED BY ENGINEER
8156410	AGGREGATE NO.5 OR 57 FOR EROSION CONTROL	300	TON	FOR EROSION CONTROL WHERE DIRECTED BY ENGINEER
8156490	STABILIZED CONSTRUCTION ENTRANCE	1,650	SY	FOR EROSION CONTROL

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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
6			
5			
4			
3			
2			
1			

YORK COUNTY
 SOUTH CAROLINA
**US 21 NORTH PHASE 1 & SC 51
 CLEARING AND GRUBBING
 GENERAL CONSTRUCTION NOTES**

SCALE NTS RTE. US 21 DWG. NO. 5

RELOC. CONSTRUCTION CENTERLINES

Table with columns: FED. ROAD DIV. NO., STATE, COUNTY, PROJECT ID, PROJECT NO., ROUTE NO., SHEET NO. Values: 3, S.C., YORK, 0042332, III49-004, US 21, 5A

RELOC. US 21 (NORTH HIGHWAY 21 BYPASS) CONSTRUCTION CENTERLINE

Beginning chain US21 description
Point 15001 N 1,172,301.8502 E 2,018,539.2384 Sta 10+00.00
Course from 15001 to PC US21-1-REV N 6° 53' 17.45" E Dist 8,494.3034

Curve US21-1-REV
P.I. Station = 98+44.44 N 1,181,082.4499 E 2,019,599.9701
Delta = 3° 00' 17.06" (RT)
Degree = 0° 25' 45.05"

Curve US21-2-REV
P.I. Station = 115+56.80 N 1,182,769.5047 E 2,019,894.1935
Delta = 2° 49' 17.66" (RT)
Degree = 0° 23' 18.41"

Curve US21-3
P.I. Station = 134+98.41 N 1,184,663.6551 E 2,020,321.5622
Delta = 21° 49' 06.38" (LT)
Degree = 5° 00' 00.06"

Ending chain US21 description

RELOC. S-1467 (AMELIA DRIVE) CONSTRUCTION CENTERLINE

Beginning chain AMELIA description
Point 15095 N 1,174,877.9772 E 2,018,850.4449 Sta 10+00.0000
Course from 15095 to PC AMELIA-1 S 82° 52' 06.71" E Dist 157.5508

Curve AMELIA-1
P.I. Station = 12+72.4928 N 1,174,844.1482 E 2,019,120.8296
Delta = 53° 06' 25.00" (LT)
Degree = 24° 54' 40.35"

Course from PT AMELIA-1 to 15096 N 44° 01' 28.29" E Dist 50.1789
Point 15096 N 1,174,962.8771 E 2,019,235.5830 Sta 14+20.9147
Ending chain AMELIA description

RELOC. S-1134 (LAKE VIEW ROAD) CONSTRUCTION CENTERLINE

Beginning chain LAKEVIEW description
Point 15030 N 1,174,486.0830 E 2,018,290.0330 Sta 10+00.00
Course from 15030 to PC LAKEVIEW-1 N 82° 08' 40.13" E Dist 168.2901

Curve LAKEVIEW-1
P.I. Station = 12+84.88 N 1,174,525.0197 E 2,018,572.2439
Delta = 13° 18' 02.36" (RT)
Degree = 5° 43' 46.48" (RT)

Course from PT LAKEVIEW-1 to 15031 S 84° 33' 17.51" E Dist 117.3420
Point 15031 N 1,174,502.8209 E 2,018,805.1245 Sta 15+17.77

Ending chain LAKEVIEW description

RELOC. S-1469 (FERN FOREST COURT) CONSTRUCTION CENTERLINE

Beginning chain FERNFOREST description
Point 15085 N 1,175,221.4424 E 2,018,891.9369 Sta 10+00.0000
Course from 15085 to PC FERNFOREST-1 S 83° 10' 15.21" E Dist 36.1773

Curve FERNFOREST-1
P.I. Station = 11+34.14 N 1,175,205.4923 E 2,019,025.1226
Delta = 58° 28' 40.00" (LT)
Degree = 32° 44' 25.60"

Course from PT FERNFOREST-1 to 15086 N 38° 21' 04.79" E Dist 315.5969
Point 15086 N 1,175,529.8124 E 2,019,281.7273 Sta 15+30.3844

Ending chain FERNFOREST description

RELOC. S-1470 (FOREST DRIVE) CONSTRUCTION CENTERLINE

Beginning chain EX-FOREST description
Point 140 N 1,175,747.5358 E 2,018,955.4911 Sta 10+00.00
Course from 140 to 141 N 61° 24' 53.21" E Dist 582.3120

Point 141 N 1,176,026.1519 E 2,019,466.8230 Sta 15+82.31
Ending chain EX-FOREST description

US 21 RELOCATE CENTERLINE STA. 94+94.30 TO STA. 101+94.41 STA. 111+93.54 TO STA. 137+13.92
S-1467 RELOCATE CENTERLINE STA. 10+00.00 TO STA. 14+20.91
S-1134 RELOCATE CENTERLINE STA. 10+00.00 TO STA. 15+17.77
S-1469 RELOCATE CENTERLINE STA. 10+36.18 TO STA. 12+14.79

RELOC. S-1133 (LAKE SHORE DRIVE) CONSTRUCTION CENTERLINE

Beginning chain LAKESHORE description
Point 15075 N 1,175,252.8010 E 2,018,652.8594 Sta 10+00.0000
Course from 15075 to PC LAKESHORE-1 N 32° 03' 50.04" E Dist 166.2171

Curve LAKESHORE-1
P.I. Station = 12+63.28 N 1,175,475.9229 E 2,018,792.6276
Delta = 6° 30' 39.74" (RT)
Degree = 3° 21' 27.01"

Curve Data
P.I. Station = 13+88.04 N 1,175,573.6158 E 2,018,870.5450
Delta = 58° 18' 47.67" (RT)

Curve LAKESHORE-2
P.I. Station = 13+88.04 N 1,175,573.6158 E 2,018,870.5450
Delta = 58° 18' 47.67" (RT)
Degree = 114° 35' 49.31"

Course from PT LAKESHORE-2 to 15076 S 83° 06' 42.55" E Dist 35.5813
Point 15076 N 1,175,566.0032 E 2,018,933.5612 Sta 14+46.6090

Ending chain LAKESHORE description

RELOC. LAKES BOULEVARD CONSTRUCTION CENTERLINE

Beginning chain LAKESBLVD description
Point 15037 N 1,180,971.3290 E 2,019,586.6756 Sta 10+00.0000
Course from 15037 to 15038 S 76° 40' 34.89" E Dist 425.5601

Point 15038 N 1,180,873.2581 E 2,020,000.7813 Sta 14+25.5601
Ending chain LAKESBLVD description

S-1470 RELOCATE CENTERLINE STA. 10+00.00 TO STA. 15+82.31
S-1133 RELOCATE CENTERLINE STA. 11+66.22 TO STA. 14+46.61
LAKES BLVD. RELOCATE CENTERLINE STA. 10+00.00 TO STA. 14+25.56
S-1726 RELOCATE CENTERLINE STA. 15+45.08 TO STA. 32+91.33
J3-076 RELOCATE CENTERLINE STA. 10+00.00 TO STA. 14+09.21

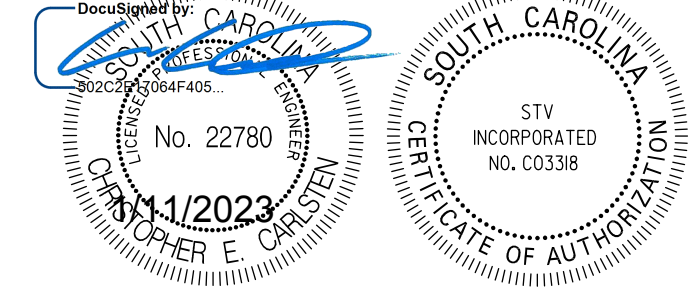


Table with 5 columns: REV. NO., BY, DATE, DESCRIPTION OF REVISION, PREPARED BY. Includes a vertical index on the left and a title block on the right: YORK COUNTY SOUTH CAROLINA US 21 NORTH PHASE 1 & SC 51 REFERENCE DATA SHEET

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RELOC. CONSTRUCTION CENTERLINES

FINAL PLANS

Table with project details: FED. ROAD DIV. NO., STATE, COUNTY, PROJECT ID, PROJECT NO., ROUTE NO., SHEET NO.

RELOC. US 21 BUSINESS (OLD NATION ROAD) CONSTRUCTION CENTERLINE

Beginning chain US21B description
Point RAMPA12 N 1,177,574.8066 E 2,019,176.2327 Sta 10+00.0000
Curve US21B_3
P.I. Station = 17+55.0363 N 1,177,484.2535 E 2,019,925.8193
Delta = 48° 44' 41.36" (RT)
Degree = 8° 40' 52.24"

RELOC. OLD NATION ROAD CONSTRUCTION CENTERLINE

Beginning chain OLDNACL description
Point OLDNACL1 N 1,177,512.0962 E 2,019,679.0769 Sta 10+00.0000
Curve OLDNACL_3
P.I. Station = 12+65.58 N 1,177,773.0768 E 2,019,728.3021
Delta = 45° 02' 54.35" (LT)
Degree = 15° 04' 40.21"

RELOC. J3-107 (REGENT PARKWAY) CONSTRUCTION CENTERLINE

Beginning chain REGENTPKWY description
Point 15035 N 1,180,257.9250 E 2,019,500.3642 Sta 10+00.0000
Curve REGENTPKWY-1
P.I. Station = 12+04.92 N 1,180,233.3490 E 2,019,703.8015
Delta = 13° 34' 48.17" (RT)
Degree = 4° 39' 29.50"

RELOC. RETAIL DRIVE (DRIVEWAY) CONSTRUCTION CENTERLINE

Beginning chain RETAIL description
Point 15042 N 1,182,011.2965 E 2,019,393.4005 Sta 10+00.0000
Curve RETAIL-1
P.I. Station = 11+70.18 N 1,182,103.7772 E 2,019,536.2596
Delta = 43° 14' 27.00" (RT)
Degree = 38° 11' 49.87"

RELOC. SC 51 (HIGHWAY 51) CONSTRUCTION CENTERLINE

Beginning chain SC51 description
Point 15100 N 1,184,076.6146 E 2,020,189.1097 Sta 295+62.3000
Curve SC51-1
P.I. Station = 301+19.79 N 1,183,954.0020 E 2,020,732.9487
Delta = 27° 26' 53.20" (LT)
Degree = 5° 59' 58.41"

RELOC. OLD SC 51 CONSTRUCTION CENTERLINE

Beginning chain OLDSC51 description
Point 15120 N 1,183,982.5932 E 2,020,679.4471 Sta 302+05.0000
Curve OLDSC51-1
P.I. Station = 304+74.6975 N 1,183,712.9505 E 2,020,674.0130
Delta = 29° 16' 23.63" (RT)
Degree = 7° 59' 59.89"

RELOC. S-641 (FLINT HILL ROAD) AT SC 51 CONSTRUCTION CENTERLINE

Beginning chain FLINT2 description
Point 16 N 1,184,483.4239 E 2,022,744.8642 Sta 15+79.39
Curve FLINT2-1
P.I. Station = 19+92.32 N 1,184,084.0905 E 2,022,849.9461
Delta = 44° 51' 07.37" (RT)
Degree = 19° 59' 56.82"

US 21 BUS. RELOCATE CENTERLINE STA. 10+00.00 TO STA. 20+17.53

OLD NATION RD. RELOCATE CENTERLINE STA. 10+00.00 TO STA. 14+06.77

J3-107 RELOCATE CENTERLINE STA. 10+00.00 TO STA. 18+64.05

RETAIL DR. RELOCATE CENTERLINE STA. 10+00.00 TO STA. 14+02.72

SC 51 RELOCATE CENTERLINE STA. 295+62.30 TO STA. 306+19.03

OLD SC 51 RELOCATE CENTERLINE STA. 302+05.00 TO STA. 306+53.57 STA. 313+18.12 TO STA. 316+16.73

S-641 RELOCATE CENTERLINE STA. 15+79.39 TO STA. 21+69.05

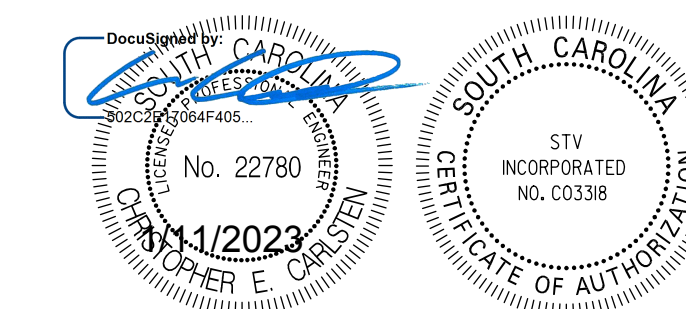


Table with 6 columns: REV. NO., BY, DATE, DESCRIPTION OF REVISION, PREPARED BY, CHECK'D BY, REVIEWED BY. Includes York County South Carolina Reference Data Sheet and RTE. US 21 DWG. NO. 5B.

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RELOC. CONSTRUCTION CENTERLINES

RELOC. S-641 (FLINT HILL ROAD) AT US 21 CONSTRUCTION CENTERLINE

Beginning chain FLINTHILL description
 =====
 Point 15040 N 1,182,055.1796 E 2,019,769.5690 Sta 10+00.0000
 Course from 15040 to PC FLINTHILL-1 S 79° 40' 35.00" E Dist 39.2308
 Curve Data

 Curve FLINTHILL-1
 P.I. Station = 10+68.42 N 1,182,042.9182 E 2,019,836.8815
 Delta = 6° 40' 55.66" (LT)
 Degree = 11° 27' 32.96"
 Tangent = 29.1994
 Length = 58.3123
 Radius = 500.0000
 D.S. = N/A
 eMAX = 6%
 e = NC
 P.C. - LG% = 0.62%
 P.T. - LG% = 0.62%
 External = 0.8513
 Long Chord = 58.2795
 Mid. Ord. = 0.8498
 P.C. Station = 10+39.2308 N 1,182,048.1491 E 2,019,808.1647
 P.T. Station = 10+97.5433 N 1,182,041.0643 E 2,019,866.0119
 C.C. = N 1,182,540.0548 E 2,019,897.7685
 Back = S 79° 40' 35.00" E
 Ahead = S 86° 21' 30.66" E
 Chord Bear = S 83° 01' 02.83" E
 Course from PT FLINTHILL-1 to 15041 S 86° 21' 30.66" E Dist 544.5004
 Point 15041 N 1,182,006.4814 E 2,020,409.4129 Sta 16+42.0437
 Ending chain FLINTHILL description
 =====

RELOC. S-48 (SPRINGHILL FARM ROAD) CONSTRUCTION CENTERLINE

Beginning chain SPRINGHILL description
 =====
 Point 18 N 1,185,206.2837 E 2,022,795.3329 Sta 23+37.20
 Course from 18 to PC C1 S 28° 12' 41.79" W Dist 144.8583
 Curve Data

 Curve C1
 P.I. Station = 26+78.79 N 1,184,905.2775 E 2,022,633.8563
 Delta = 42° 57' 15.79" (LT)
 Degree = 11° 27' 32.96"
 Tangent = 196.7254
 Length = 374.8477
 Radius = 500.0000
 D.S. = 35 MPH
 eMAX = 4%
 e = 3.90%
 P.C. - LG% = 0.62%
 P.T. - LG% = 0.62%
 External = 37.3089
 Long Chord = 366.1308
 Mid. Ord. = 34.7183
 P.C. Station = 24+82.06 N 1,185,078.6334 E 2,022,726.8541
 P.T. Station = 28+56.91 N 1,184,715.0288 E 2,022,683.9189
 C.C. = N 1,184,842.2688 E 2,023,167.4580
 Back = S 28° 12' 41.79" W
 Ahead = S 14° 44' 34.00" E
 Chord Bear = S 6° 44' 03.90" W
 Course from PT C1 to 21 S 14° 44' 34.00" E Dist 239.4893
 Point 21 N 1,184,483.4239 E 2,022,744.8642 Sta 30+96.40
 Ending chain SPRINGHILL description
 =====

TRACT 73 DRIVEWAY CENTERLINE

Beginning chain TR73DW description
 =====
 Point R714 N 1,179,172.4625 E 2,019,369.2360 Sta 10+00.00
 Course from R714 to PC TR73DW_3 S 83° 27' 45.15" E Dist 91.9608
 Curve Data

 Curve TR73DW_3
 P.I. Station = 11+31.17 N 1,179,157.5284 E 2,019,499.5534
 Delta = 88° 51' 23.54" (RT)
 Degree = 143° 14' 22.02"
 Tangent = 39.2096
 Length = 62.0336
 Radius = 40.0000
 External = 16.0124
 Long Chord = 56.0013
 Mid. Ord. = 11.4349
 P.C. Station = 10+91.96 N 1,179,161.9925 E 2,019,460.5988
 P.T. Station = 11+53.99 N 1,179,118.4924 E 2,019,495.8676
 C.C. = N 1,179,122.2526 E 2,019,456.0447
 Back = S 83° 27' 45.15" E
 Ahead = S 5° 23' 38.40" W
 Chord Bear = S 39° 02' 03.38" E
 Course from PT TR73DW_3 to R715 S 5° 23' 38.40" W Dist 53.0206
 Point R715 N 1,179,065.7067 E 2,019,490.8834 Sta 12+07.01
 Ending chain TR73DW description
 =====

MERCANTILE PLACE EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain MERCANTILE description
 =====
 Point 15020 N 1,174,081.0853 E 2,018,754.1772 Sta 10+00.0000
 Course from 15020 to PC MERCANTILE-1 S 83° 58' 12.69" E Dist 252.7983
 Curve Data

 Curve MERCANTILE-1
 P.I. Station = 13+32.426 N 1,174,046.1662 E 2,019,084.7556
 Delta = 29° 43' 37.26" (RT)
 Degree = 19° 05' 54.94"
 Tangent = 79.6193
 Length = 155.6503
 Radius = 300.0000
 D.S. = 35 MPH
 eMAX = MATCH EXIST.
 e = MATCH EXIST.
 P.C. - LG% = MATCH EXIST.
 P.T. - LG% = MATCH EXIST.
 External = 10.3856
 Long Chord = 153.9104
 Mid. Ord. = 10.0381
 P.C. Station = 12+52.7983 N 1,174,054.5299 E 2,019,005.5769
 P.T. Station = 14+08.4486 N 1,173,999.6410 E 2,019,149.3670
 C.C. = N 1,173,756.1897 E 2,018,974.0631
 Back = S 83° 58' 12.69" E
 Ahead = S 54° 14' 35.42" E
 Chord Bear = S 69° 06' 24.05" E
 Course from PT MERCANTILE-1 to 15021 S 54° 14' 35.42" E Dist 127.4312
 Point 15021 N 1,173,925.1770 E 2,019,252.7780 Sta 15+35.8798
 Ending chain MERCANTILE description
 =====

EMBASSY DRIVE (DRIVEWAY) EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain EMBASSY description
 =====
 Point 15060 N 1,176,979.7988 E 2,019,104.3534 Sta 10+00.0000
 Course from 15060 to PC EMBASSY-1 S 85° 02' 43.00" E Dist 136.3575
 Curve Data

 Curve EMBASSY-1
 P.I. Station = 11+54.13 N 1,176,966.4865 E 2,019,257.9117
 Delta = 16° 11' 16.85" (LT)
 Degree = 45° 50' 11.84"
 Tangent = 17.7768
 Length = 35.3168
 Radius = 125.0000
 D.S. = 20 MPH
 eMAX = MATCH EXIST.
 e = MATCH EXIST.
 P.C. - LG% = MATCH EXIST.
 P.T. - LG% = MATCH EXIST.
 External = 1.2577
 Long Chord = 35.1994
 Mid. Ord. = 1.2452
 P.C. Station = 11+36.3575 N 1,176,968.0219 E 2,019,240.2013
 P.T. Station = 11+71.6742 N 1,176,969.9495 E 2,019,275.3479
 C.C. = N 1,177,092.5548 E 2,019,250.9974
 Back = S 85° 02' 43.00" E
 Ahead = N 78° 46' 00.15" E
 Chord Bear = N 86° 51' 38.58" E
 Course from PT EMBASSY-1 to 15061 N 78° 46' 00.15" E Dist 73.4218
 Point 15061 N 1,176,984.2524 E 2,019,347.3631 Sta 12+45.0960
 Ending chain EMBASSY description
 =====

EXISTING/ CONSTRUCTION CENTERLINES

S-676 (GARRISON FARM ROAD) EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain GARRISONFARM description
 =====
 Point 15055 N 1,178,768.4831 E 2,019,320.4336 Sta 10+00.00
 Course from 15055 to 15056 N 89° 52' 54.06" E Dist 393.6017
 Point 15056 N 1,178,769.2959 E 2,019,714.0345 Sta 13+93.60
 Ending chain GARRISONFARM description
 =====

REGENT DRIVEWAY (PRIVATE) EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain REGENTDWAY description
 =====
 Point 15048 N 1,179,516.7879 E 2,019,410.8318 Sta 10+00.0000
 Course from 15048 to 15049 S 82° 54' 06.32" E Dist 268.6181
 Point 15049 N 1,179,483.5945 E 2,019,677.3912 Sta 12+68.6181
 Ending chain REGENTDWAY description
 =====

J3-040 (BAXTER LANE) EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain BAXTER description
 =====
 Point 15065 N 1,179,045.8845 E 2,018,880.4222 Sta 10+00.00
 Course from 15065 to 15066 S 58° 37' 47.08" E Dist 516.5471
 Point 15066 N 1,178,776.9874 E 2,019,321.4610 Sta 15+16.55
 Ending chain BAXTER description
 =====

J2-010 (TERRYS ROAD) EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain TERRYS description
 =====
 Curve TERRYS-1
 P.I. Station = 11+08.29 N 1,182,515.0438 E 2,019,682.2021
 Delta = 36° 20' 08.84" (RT)
 Degree = 17° 21' 44.49"
 Tangent = 108.2936
 Length = 209.2781
 Radius = 330.0000
 D.S. = N/A
 eMAX = MATCH EXIST.
 e = MATCH EXIST.
 P.C. - LG% = MATCH EXIST.
 P.T. - LG% = MATCH EXIST.
 External = 17.3147
 Long Chord = 205.7897
 Mid. Ord. = 16.4515
 P.C. Station = 10+00.0000 N 1,182,466.8201 E 2,019,585.2383
 P.T. Station = 12+09.2791 N 1,182,498.4382 E 2,019,788.8855
 C.C. = N 1,182,171.3451 E 2,019,732.1891
 Back = N 63° 33' 25.67" E
 Ahead = S 80° 06' 25.48" E
 Chord Bear = S 81° 43' 30.09" E
 Course from PT TERRYS-1 to 15028 S 80° 06' 25.49" E Dist 56.8273
 Point 15028 N 1,182,486.6748 E 2,019,844.8678 Sta 12+66.1064
 Ending chain TERRYS description
 =====

EXISTING S-48 (SPRINGHILL FARM ROAD) CUL-DE-SAC

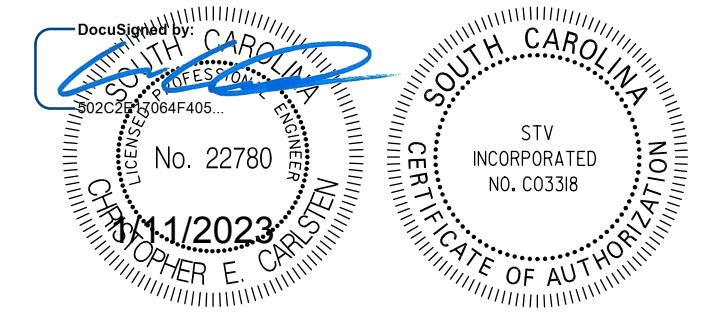
EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain EX-SPRINGHILL description
 =====
 Curve EX-SPRINGHILL-1
 P.I. Station = 13+50.71 N 1,185,364.5959 E 2,022,500.5328
 Delta = 34° 02' 00.59" (RT)
 Degree = 4° 59' 59.93"
 Tangent = 350.7092
 Length = 680.6726
 Radius = 1,145.9200
 D.S. = 35 MPH
 eMAX = MATCH EXIST.
 e = MATCH EXIST.
 P.C. - LG% = MATCH EXIST.
 P.T. - LG% = MATCH EXIST.
 External = 52.4663
 Long Chord = 670.7098
 Mid. Ord. = 50.1692
 P.C. Station = 10+00.00 N 1,185,329.0550 E 2,022,151.6291
 P.T. Station = 16+80.67 N 1,185,198.7755 E 2,022,809.5644
 C.C. = N 1,184,189.0344 E 2,022,267.7568
 Back = N 84° 11' 01.15" E
 Ahead = S 61° 46' 58.26" E
 Chord Bear = S 78° 47' 58.55" E
 Course from PT EX-SPRINGHILL-1 to 170 S 61° 47' 14.46" E Dist 991.7348
 Point 170 N 1,184,729.9375 E 2,023,683.4802 Sta 26+72.41
 Ending chain EX-SPRINGHILL description
 =====

S-328 (ANDREW L TUCKER ROAD) EXISTING/ CONSTRUCTION CENTERLINE

Beginning chain ANDREW description
 =====
 Point 15110 N 1,184,749.6069 E 2,023,769.8546 Sta 0+00.0000
 Course from 15110 to 15111 N 14° 34' 00.51" E Dist 594.0356
 Point 15111 N 1,185,324.5473 E 2,023,919.2598 Sta 5+94.0356
 Ending chain ANDREW description
 =====

S-641 RELOCATE CENTERLINE
 STA. 10+00.00 TO STA. 10+97.54
 S-48 RELOCATE CENTERLINE
 STA. 23+37.20 TO STA. 30+96.40



6							
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION				
	PREPARED BY	MHC	CHK'D BY	RRS	REVIEWED BY	SSW	

YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
REFERENCE DATA SHEET
 RTE. US 21 DWG. NO. 5C

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 I/10/2023

EXISTING CENTERLINES (FOR INFORMATION ONLY)

FINAL PLANS

Table with columns: FED. ROAD DIV. NO., STATE, COUNTY, PROJECT ID, PROJECT NO., ROUTE NO., SHEET NO. Values: 3, S.C., YORK, 0042332, III49-004, US 21, 5D

US 21 (NORTH HIGHWAY 21 BYPASS) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-US21 description

Point 30000 N 1,172,301.8502 E 2,018,539.2384 Sta 10+00.00
Course from 30000 to PC EX-US21-1 N 6° 53' 17.45" E Dist 8,694.1666

Curve Data
Curve EX-US21-1
P.I. Station 98+44.44 N 1,181,082.4499 E 2,019,599.9701
Delta = 3° 00' 17.06" (RT)
Degree = 1° 00' 00.00"

Course from PT EX-US21-1 to PC EX-US21-2 N 9° 53' 34.52" E Dist 1,341.2833

Curve Data
Curve EX-US21-2
P.I. Station 116+35.47 N 1,182,846.9190 E 2,019,907.6946
Delta = 2° 59' 41.24" (RT)
Degree = 0° 30' 00.00"

Course from PT EX-US21-2 to 30001 N 12° 53' 15.76" E Dist 1,331.1734

Point 30001 N 1,184,436.5602 E 2,020,271.4122 Sta 132+66.06

Ending chain EX-US21 description

S-1776 (GOLD HILL ROAD) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-GOLDHILL description

Point 120 N 1,176,123.9738 E 2,017,745.6629 Sta 10+00.00
Course from 120 to PC EX-GH-1 N 55° 33' 31.68" E Dist 623.3741

Curve Data
Curve EX-GH-1
P.I. Station 18+12.19 N 1,176,583.3149 E 2,018,415.4799
Delta = 12° 02' 36.58" (LT)
Degree = 3° 12' 03.78"

Course from PT EX-GH-1 to 121 N 43° 30' 55.10" E Dist 877.8054
Point 121 N 1,177,356.8168 E 2,019,149.8987 Sta 28+77.42

Ending chain EX-GOLDHILL description

S-1467 (AMELIA DRIVE) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-AMELIA description

Point 30004 N 1,174,882.9412 E 2,018,851.0446 Sta 10+00.00
Course from 30004 to PC EX-AMELIA-1 S 82° 52' 06.71" E Dist 194.8649

Curve Data
Curve EX-AMELIA-1
P.I. Station 11+97.29 N 1,174,858.4482 E 2,019,046.8089
Delta = 1° 51' 07.03" (LT)
Degree = 38° 10' 36.57"

Course from PT EX-AMELIA-1 to PC EX-AMELIA-2 S 84° 43' 13.84" E Dist 0.1520

Curve Data
Curve EX-AMELIA-2
P.I. Station 12+71.86 N 1,174,851.5865 E 2,019,121.0651
Delta = 51° 15' 17.97" (LT)
Degree = 38° 10' 36.57"

Course from PT EX-AMELIA-2 to PC EX-AMELIA-3 N 44° 01' 28.29" E Dist 87.6068

Curve Data
Curve EX-AMELIA-3
P.I. Station 14+75.29 N 1,175,004.8588 E 2,019,269.2053
Delta = 2° 52' 41.18" (LT)
Degree = 2° 41' 14.53"

Ending chain EX-AMELIA description

S-1469 (FERN FOREST COURT) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-FERNFOREST description

Point 30009 N 1,175,221.4424 E 2,018,891.9369 Sta 10+00.00
Course from 30009 to PC EX-FERNFOREST-1 S 83° 10' 15.21" E Dist 84.5079

Curve Data
Curve EX-FERNFOREST-1
P.I. Station 11+34.26 N 1,175,205.6732 E 2,019,025.2658
Delta = 58° 15' 04.66" (LT)
Degree = 64° 10' 05.49"

Course from PT EX-FERNFOREST-1 to 30010 N 38° 21' 04.79" E Dist 363.5758

Point 30010 N 1,175,529.8124 E 2,019,281.7273 Sta 15+38.86

Ending chain EX-FERNFOREST description

SC 460 (SPRINGFIELD PKWY) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain SPRINGFIELD description

Curve Data
Curve SPRINGFIELD-1
P.I. Station 55+92.20 N 1,172,482.2952 E 2,017,379.8770
Delta = 22° 56' 23.42" (LT)
Degree = 3° 58' 43.22"

Course from PT SPRINGFIELD-1 to PC SPRINGFIELD-2 N 73° 53' 14.10" E Dist 235.9517

Curve Data
Curve SPRINGFIELD-2
P.I. Station 63+32.99 N 1,172,690.0583 E 2,018,099.0882
Delta = 9° 53' 47.03" (RT)
Degree = 2° 15' 00.00"

Course from PT SPRINGFIELD-2 to SP2 N 83° 47' 01.13" E Dist 1,144.1486

Point SP2 N 1,172,837.8232 E 2,019,455.6814 Sta 76+96.51

Ending chain SPRINGFIELD description

STV 100 Years STV Incorporated 4969 CENTRE POINT DRIVE SUITE 102 NORTH CHARLESTON, SOUTH CAROLINA 29418

Professional Engineer Seal for STV Incorporated, No. 22780, dated 11/11/2023, State of South Carolina.

Table with 4 columns: REV. NO., BY, DATE, DESCRIPTION OF REVISION. Includes revision history and project details like 'YORK COUNTY SOUTH CAROLINA US 21 NORTH PHASE 1 & SC 51 REFERENCE DATA SHEET'.

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FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5E

EXISTING CENTERLINES (FOR INFORMATION ONLY)

US 21 BUSINESS (OLD NATION ROAD) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-OLDUS21BUS description
 =====
 Point 150 N 1,178,535.6772 E 2,019,292.3097 Sta 10+00.00
 Course from 150 to PC EX_OLDUS21BUS-1 S 29° 50' 12.92" E Dist 230.5730

Curve Data

 Curve EX_OLDUS21BUS-1
 P.I. Station 12+68.71 N 1,178,302.5869 E 2,019,426.0014
 Delta = 8° 43' 23.72" (RT)
 Degree = 11° 27' 32.96"
 Tangent = 38.1361
 Length = 76.1248
 Radius = 500.0000
 External = 1.4523
 Long Chord = 76.0513
 Mid. Ord. = 1.4480
 P.C. Station 12+30.57 N 1,178,335.6678 E 2,019,407.0274
 P.T. Station 13+06.70 N 1,178,267.0109 E 2,019,439.7387
 C.C. N 1,178,086.9013 E 2,018,973.3049
 Back = S 29° 50' 12.92" E
 Ahead = S 21° 06' 49.20" E
 Chord Bear = S 25° 28' 31.06" E

Curve Data

 Curve EX_OLDUS21BUS-2
 P.I. Station 14+83.92 N 1,178,101.6827 E 2,019,503.5789
 Delta = 13° 15' 11.99" (LT)
 Degree = 3° 45' 21.13"
 Tangent = 177.2259
 Length = 352.8699
 Radius = 1,525.5000
 External = 10.2602
 Long Chord = 352.0837
 Mid. Ord. = 10.1916
 P.C. Station 13+06.70 N 1,178,267.0109 E 2,019,439.7387
 P.T. Station 16+59.57 N 1,177,955.3936 E 2,019,603.6214
 C.C. N 1,178,816.5255 E 2,020,862.8283
 Back = S 21° 06' 49.20" E
 Ahead = S 34° 22' 01.19" E
 Chord Bear = S 27° 44' 25.19" E

Course from PT EX_OLDUS21BUS-2 to 151 S 34° 22' 01.19" E Dist 901.1391
 Point 151 N 1,177,211.5584 E 2,020,112.3069 Sta 25+60.71

Ending chain EX-OLDUS21BUS description

J3-076 (CENTRAL CAROLINAS PARKWAY) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-CENTRALCAR description

Point 30025 N 1,179,561.1977 E 2,019,004.0528 Sta 10+00.00

Course from 30025 to 30026 S 83° 20' 39.65" E Dist 409.1725

Point 30026 N 1,179,513.7738 E 2,019,410.4677 Sta 14+09.17

Ending chain EX-CENTRALCAR description

LAKES BOULEVARD EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-LAKES description

Point 30034 N 1,180,966.8397 E 2,019,586.1045 Sta 10+00.00

Course from 30034 to 30035 S 76° 40' 34.89" E Dist 425.0812

Point 30035 N 1,180,868.8792 E 2,019,999.7442 Sta 14+25.08

Ending chain EX-LAKES description

J3-107 (REGENT PARKWAY) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-REGENTPKWY description

Point 30027 N 1,180,254.9467 E 2,019,500.0044 Sta 10+00.00

Course from 30027 to PC EX-REGENTPKWY-1 S 83° 06' 42.55" E Dist 57.8883

Curve Data

 Curve EX-REGENTPKWY-1
 P.I. Station 12+04.56 N 1,180,230.4135 E 2,019,703.0871
 Delta = 13° 34' 48.17" (RT)
 Degree = 4° 39' 04.40"
 Tangent = 146.6710
 Length = 291.9674
 Radius = 1,231.8439
 External = 8.7010
 Long Chord = 291.2845
 Mid. Ord. = 8.6400
 P.C. Station 10+57.89 N 1,180,248.0040 E 2,019,557.4748
 P.T. Station 13+49.86 N 1,180,179.1244 E 2,019,840.4982
 C.C. N 1,179,025.0515 E 2,019,409.7372
 Back = S 83° 06' 42.55" E
 Ahead = S 69° 31' 54.37" E
 Chord Bear = S 76° 19' 18.46" E

Course from PT EX-REGENTPKWY-1 to 30028 S 69° 31' 54.37" E Dist 232.9741

Point 30028 N 1,180,097.6562 E 2,020,058.7637 Sta 15+82.83

Ending chain EX-REGENTPKWY description

RETAIL DRIVE (DRIVEWAY) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-RETAIL description

Curve Data

 Curve EX-RETAIL-1
 P.I. Station 10+49.83 N 1,182,094.9034 E 2,019,557.0741
 Delta=27° 39' 49.78" (RT)
 Degree = 28° 18' 41.35"
 Tangent = 49.8280
 Length = 97.7124
 Radius = 202.3765
 External = 6.0439
 Long Chord = 96.7660
 Mid. Ord. = 5.8687
 P.C. Station 10+00.00 N 1,182,080.0524 E 2,019,509.5108
 P.T. Station 10+97.71 N 1,182,085.9738 E 2,019,606.0954
 C.C. N 1,181,886.8736 E 2,019,569.8280
 Back = N 72° 39' 35.22" E
 Ahead = S 79° 40' 35.00" E
 Chord Bear = N 86° 29' 30.11" E

Course from PT EX-RETAIL-1 to 30046 S 79° 40' 35.00" E Dist 166.3833

Point 30046 N 1,182,056.1567 E 2,019,769.7852 Sta 12+64.10

Ending chain EX-RETAIL description

S-641 (FLINT HILL ROAD) AT US 21 EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-FLINTHILL21 description

Point 30040 N 1,182,046.8113 E 2,019,775.7096 Sta 10+00.00

Course from 30040 to 30041 S 86° 21' 30.66" E Dist 634.9854

Point 30041 N 1,182,006.4814 E 2,020,409.4129 Sta 16+34.99

Ending chain EX-FLINTHILL21 description

SC 51 (HIGHWAY 51) EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-SC51 description

Point 130 N 1,182,783.2276 E 2,020,021.4306 Sta 10+00.00
 Course from 130 to PC EX_SC51-1 N 56° 26' 38.15" E Dist 116.9792

Curve Data

 Curve EX_SC51-1
 P.I. Station 12+09.39 N 1,182,898.9662 E 2,020,195.9213
 Delta = 26° 00' 58.27" (LT)
 Degree = 14° 19' 26.20"
 Tangent = 92.4068
 Length = 181.6272
 Radius = 400.0000
 External = 10.5350
 Long Chord = 180.0709
 Mid. Ord. = 10.2647
 P.C. Station 11+16.98 N 1,182,847.8881 E 2,020,118.9146
 P.T. Station 12+38.61 N 1,182,978.6457 E 2,020,242.7209
 C.C. N 1,183,181.2263 E 2,019,897.8135
 Back = N 56° 26' 38.15" E
 Ahead = N 30° 25' 39.88" E
 Chord Bear = N 43° 26' 09.01" E

Course from PT EX_SC51-1 to PC EX_SC51-2 N 30° 25' 39.88" E Dist 753.8744

Curve Data

 Curve EX_SC51-2
 P.I. Station 24+59.59 N 1,183,979.7253 E 2,020,830.7026
 Delta = 44° 49' 46.13" (RT)
 Degree = 5° 48' 18.16"
 Tangent = 407.1091
 Length = 772.2505
 Radius = 987.0000
 External = 80.6642
 Long Chord = 752.7024
 Mid. Ord. = 74.5699
 P.C. Station 20+52.48 N 1,183,628.6879 E 2,020,624.5216
 P.T. Station 28+24.73 N 1,184,083.3264 E 2,021,224.4088
 C.C. N 1,183,128.8204 E 2,021,475.5806
 Back = N 30° 25' 39.88" E
 Ahead = N 75° 15' 26.00" E
 Chord Bear = N 52° 50' 32.94" E

Ending chain EX-SC51 description

S-641 (FLINT HILL ROAD) AT SC 51 EXISTING CENTERLINE (FOR INFORMATION ONLY)

Beginning chain EX-FLINT description

Point 113 N 1,184,893.8104 E 2,023,378.0206 Sta 10+00.00

Course from 113 to 112 S 25° 52' 05.32" W Dist 91.9366

Point 112 N 1,184,811.0858 E 2,023,337.9085 Sta 10+91.94

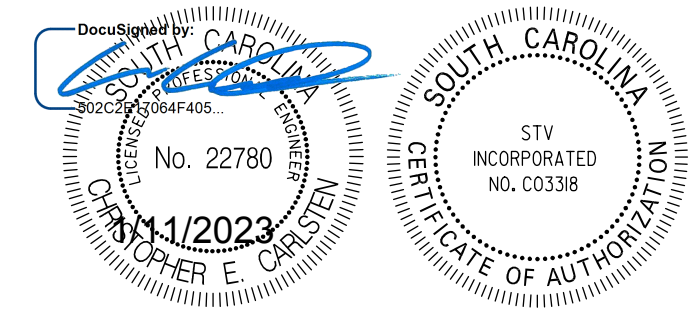
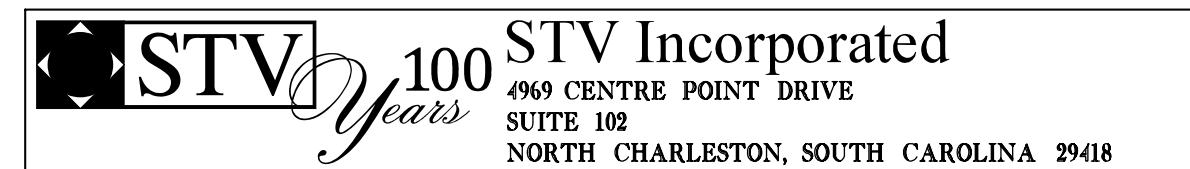
Course from 112 to 111 S 41° 53' 05.24" W Dist 301.6960

Point 111 N 1,184,586.4765 E 2,023,136.4857 Sta 13+93.63

Course from 111 to 110 S 29° 47' 36.87" W Dist 1,185.3229

Point 110 N 1,183,557.8282 E 2,022,547.5264 Sta 25+78.96

Ending chain EX-FLINT description



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	PREPARED BY	MHC	CHK'D BY
			RRS
			REVIEWED BY
			SSW

YORK COUNTY SOUTH CAROLINA	
US 21 NORTH PHASE 1 & SC 51	
REFERENCE DATA SHEET	
RTE. US 21	DWG. NO.

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1/10/2023

FINAL PLANS

Table with columns: FED. ROAD DIV. NO., STATE, COUNTY, PROJECT ID, PROJECT NO., ROUTE NO., SHEET NO. Values: 3, S.C., YORK, 0042332, III49-004, US 21, 5F

SURVEY CONTROL POINTS

SURVEY BENCHMARKS

SPECIAL NOTES: A)THIS IS AN ENGLISH PROJECT. B)PROJECT MAPPING SCALE: 1"=50'. C)ALL BASELINE POINTS ARE #5 REBAR UNLESS OTHERWISE NOTED. D)ALL BASELINE POINTS ARE SET TO BENCHMARK SPECIFICATIONS UNLESS OTHERWISE NOTED.

DATUM DESCRIPTION:

THE COORDINATE SYSTEM FOR THIS PROJECT IS BASED ON THE NAD 1983/2007 SOUTH CAROLINA STATE PLANE COORDINATES FOR BASELINE POINT "BL-8" (ESP-4004) WITH A NORTHING OF 1178389.024' EASTING OF 2019315.973'. THE AVERAGE COMBINED FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS 1.00007073. ALL LINEAR DISTANCES ARE LOCALIZED HORIZONTAL DISTANCES. THE VERTICAL DATUM FOR THIS PROJECT IS BASED ON USGS MONUMENT "45 EGB" WITH A ELEVATION OF 620.23'(NAVD 88).

Table of Survey Control Points (AZ4-2, AZ4-1, BL-1 to BL-113, BY1 to BY13) with columns for station ID, coordinates, elevation, and distance.

Table of Survey Control Points (BL-23 to BL-113, BY1 to BY13) with columns for station ID, coordinates, elevation, and distance.

Table of Survey Benchmarks (BY8 to BY13) with columns for station ID, coordinates, elevation, and distance.

Table of Survey Benchmarks (TBM 21A to TBM 51G) with columns for station ID, elevation, and location description.

Vertical text on the left side: i:\Projects\2515776\2515776_000\90_CAD Models and Sheets\04_CIT_Transportation\Roadway\Plan Sheets\2515776_PLN_SHT5A-51.dgn

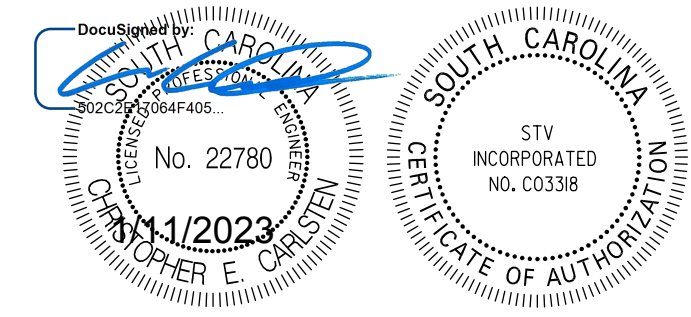


Table with 6 columns: REV. NO., BY, DATE, DESCRIPTION OF REVISION, PREPARED BY, CHK'D BY, REVIEWED BY. Includes York County South Carolina logo and 'US 21 NORTH PHASE 1 & SC 51 REFERENCE DATA SHEET' text.

US 21 ROADWAY STATION/OFFSET DATA LEFT

Table with 3 columns: Stationing (e.g., 133+71.74), Description (e.g., Exist. Iron Pin), and Offset (e.g., -73.67). Lists various roadway features and their positions relative to the stationing.

Table with 3 columns: Stationing (e.g., 75+25.07), Description (e.g., Tel. Pedestal), and Offset (e.g., -41.61). Lists various roadway features and their positions relative to the stationing.

US 21 RIGHT ROADWAY STATION/OFFSET DATA RIGHT

Table with 3 columns: Stationing (e.g., 97+51.52), Description (e.g., TV Pedestal), and Offset (e.g., -84.89). Lists various roadway features and their positions relative to the stationing.

FINAL PLANS

Table with 7 columns: FED. ROAD DIV. NO., STATE, COUNTY, PROJECT ID, PROJECT NO., ROUTE, SHEET. Values include 3, S.C., YORK, 0042332, III49-004, US 21, 5C.

STV 100 Years logo and STV Incorporated contact information: 4969 CENTRE POINT DRIVE, SUITE 102, NORTH CHARLESTON, SOUTH CAROLINA 29418.

Table with 4 columns: REV. NO., BY, DATE, DESCRIPTION OF REVISION. Contains revision history for the drawing.

YORK COUNTY SOUTH CAROLINA logo and US 21 NORTH PHASE 1 & SC 51 REFERENCE DATA SHEET title block.

US 21 DRAINAGE STATION/OFFSET DATA

US 21 DRAINAGE LEFT STATION - OFFSET table with columns for stationing and offsets, and descriptions of drainage components like RCP, HDPE, and various pipe types.

US 21 DRAINAGE RIGHT STATION - OFFSET table with columns for stationing and offsets, and descriptions of drainage components like RCP, HDPE, and various pipe types.

RELOC. SC 51 (HIGHWAY 51) STATION/OFFSET DATA

RELOC. SC 51 (HIGHWAY 51) LEFT STATION - OFFSET table with columns for stationing and offsets, and descriptions of drainage components like RCP, HDPE, and various pipe types.

RELOC. SC 51 (HIGHWAY 51) RIGHT STATION - OFFSET table with columns for stationing and offsets, and descriptions of drainage components like R/W Monument, U/G TV Cable, and various pipe types.

RELOC. SC 51 (HIGHWAY 51) DRAINAGE RIGHT STATION - OFFSET table with columns for stationing and offsets, and descriptions of drainage components like RCP, HDPE, and various pipe types.

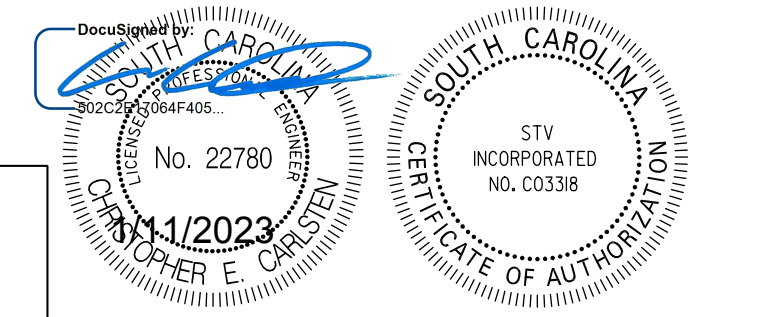
RELOC. SC 51 (HIGHWAY 51) DRAINAGE LEFT STATION - OFFSET table with columns for stationing and offsets, and descriptions of drainage components like RCP, HDPE, and various pipe types.

SIDE STREETS STATION/OFFSET DATA

SIDE STREETS STATION/OFFSET table with columns for stationing and offsets, and descriptions of drainage components like R/W Monument, U/G TV Cable, and various pipe types.

FINAL PLANS

FINAL PLANS table with columns for stationing and offsets, and descriptions of drainage components like RCP, HDPE, and various pipe types.



Revision table with columns for REV. NO., BY, DATE, DESCRIPTION OF REVISION, PREPARED BY, and REVIEWED BY.

YORK COUNTY SOUTH CAROLINA US 21 NORTH PHASE 1 & SC 51 REFERENCE DATA SHEET R.T.E. US 21 DWG. NO.

SIDE STREETS STATION/OFFSET DATA

FINAL PLANS

Table with columns: FED. ROAD DIV. NO., STATE, COUNTY, PROJECT ID, PROJECT NO., ROUTE NO., SHEET NO. Values: 3, S.C., YORK, 0042332, III49-004, US 21, 51

MERCANTILE PLACE LEFT STATION - OFFSET
10+75.77 -- 32.85 U/G Unknown
10+78.00 -- 33.66 U/G Unknown
10+82.56 -- 30.84 Water Valve

13+88.28 -- 38.95 SS Manhole
13+99.29 -- 30.86 Water Valve
14+02.37 -- 31.07 Water Valve
S-1470 (FOREST DRIVE) DRAINAGE LEFT STATION - OFFSET

EMBASSY DRIVEWAY (PRIVATE) RIGHT STATION - OFFSET
10+49.57 -- 14.46 SS Forced Main
10+50.03 -- 58.12 SS Forced Main

LAKES BOULEVARD LEFT STATION - OFFSET
10+56.94 -- 48.84 Tel. Manhole
10+60.01 -- 30.21 Tel. Pedestal

J2-010 (TERRY'S ROAD) DRAINAGE LEFT STATION - OFFSET
11+00.90 -- 33.04 "12"" RCP 300 mm"
11+11.72 -- 44.60 "12"" RCP 300 mm"

MERCANTILE PLACE DRAINAGE LEFT STATION - OFFSET
11+88.02 -- 22.74 Drop Inlet
11+88.32 -- 24.35 Drop Inlet

S-1470 (FOREST DRIVE) RIGHT STATION - OFFSET
10+58.51 -- 27.15 Pole
11+24.63 -- 26.81 Pow. w/ Tel. Pole

S-676 (GARRISON FARM ROAD) RIGHT STATION - OFFSET
11+18.13 -- 12.61 Tel. Pedestal
11+18.37 -- 11.46 Tel. Pole

LAKES BOULEVARD RIGHT STATION - OFFSET
10+46.36 -- 22.06 Valve
10+49.13 -- 61.94 Tel. Manhole

J2-010 (TERRY'S ROAD) DRAINAGE RIGHT STATION - OFFSET
11+72.12 -- 41.71 Pow. w/ Tel. Pole
11+73.48 -- 41.86 Tel. Pedestal

MERCANTILE PLACE RIGHT STATION - OFFSET
10+45.73 -- 26.70 U/G Unknown
10+50.96 -- 24.41 U/G Unknown

S-1470 (FOREST DRIVE) DRAINAGE RIGHT STATION - OFFSET
13+06.15 -- 28.52 Drop Inlet
13+06.39 -- 25.84 Drop Inlet

S-676 (GARRISON FARM ROAD) DRAINAGE RIGHT STATION - OFFSET
11+18.37 -- 11.46 Tel. Pole
12+69.21 -- 14.25 Tel. Pole

J3-107 (REGENT PARKWAY) LEFT STATION - OFFSET
10+41.34 -- 19.50 "18"" RCP 450 mm"
14+87.33 -- 43.10 Water Valve

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) LEFT STATION - OFFSET
12+98.35 -- 33.44 Exist. Iron Pin
14+03.66 -- 43.74 Fire Hydrant

MERCANTILE PLACE DRAINAGE LEFT STATION - OFFSET
11+88.02 -- 22.74 Drop Inlet
11+88.32 -- 24.35 Drop Inlet

S-1469 (FERN FOREST CT.) DRAINAGE LEFT STATION - OFFSET
13+06.15 -- 28.52 Drop Inlet
13+06.39 -- 25.84 Drop Inlet

S-676 (GARRISON FARM ROAD) DRAINAGE RIGHT STATION - OFFSET
10+43.84 -- 42.30 "18"" RCP 450 mm"
14+21.53 -- 12.50 "15"" RCP 375 mm"

J3-107 (REGENT PARKWAY) DRAINAGE LEFT STATION - OFFSET
10+02.16 -- 31.44 Power Pole
11+73.28 -- 32.16 Power Pole

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE LEFT STATION - OFFSET
18+20.74 -- 40.60 "12"" CMP 300 mm"
23+48.41 -- 13.12 "18"" RCP 450 mm"

MERCANTILE PLACE DRAINAGE LEFT STATION - OFFSET
11+88.02 -- 22.74 Drop Inlet
11+88.32 -- 24.35 Drop Inlet

S-1469 (FERN FOREST CT.) DRAINAGE LEFT STATION - OFFSET
10+41.84 -- 47.50 "24"" RCP 600 mm"
10+42.77 -- 48.11 "24"" RCP 600 mm"

S-676 (GARRISON FARM ROAD) DRAINAGE RIGHT STATION - OFFSET
14+21.13 -- 11.52 "15"" RCP 375 mm"
14+21.13 -- 11.52 "15"" RCP 375 mm"

J3-076 (CENTRAL CAROLINAS PARKWAY) LEFT STATION - OFFSET
10+19.77 -- 58.56 Power Transformer
10+62.28 -- 35.35 Tel. Pedestal

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
13+06.37 -- 36.91 Power Pole
14+81.76 -- 62.39 Woods Line

S-1134 (LAKE VIEW ROAD) LEFT STATION - OFFSET
11+21.02 -- 25.96 Power Transformer
11+22.43 -- 33.06 Exist. Iron Pin

S-1469 (FERN FOREST CT.) DRAINAGE LEFT STATION - OFFSET
10+41.84 -- 47.50 "24"" RCP 600 mm"
10+42.77 -- 48.11 "24"" RCP 600 mm"

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE LEFT STATION - OFFSET
10+19.77 -- 58.56 Power Transformer
10+62.28 -- 35.35 Tel. Pedestal

J3-107 (REGENT PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
13+06.37 -- 36.91 Power Pole
14+81.76 -- 62.39 Woods Line

S-1134 (LAKE VIEW ROAD) DRAINAGE LEFT STATION - OFFSET
14+70.79 -- 31.17 "18"" RCP 450 mm"
S-1134 (LAKE VIEW ROAD) RIGHT STATION - OFFSET

S-1469 (FERN FOREST CT.) DRAINAGE RIGHT STATION - OFFSET
10+39.21 -- 34.28 "24"" RCP 600 mm"
10+39.29 -- 34.48 "24"" RCP 600 mm"

J3-176 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
10+08.53 -- 21.54 Drop Inlet
10+08.55 -- 23.44 Drop Inlet

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
23+04.35 -- 48.28 "18"" RCP 450 mm"
23+44.28 -- 27.79 "18"" RCP 450 mm"

S-1134 (LAKE VIEW ROAD) DRAINAGE RIGHT STATION - OFFSET
10+61.12 -- 28.77 "18"" RCP 450 mm"
10+62.85 -- 29.68 "15"" RCP 375 mm"

S-113 (LAKE SHORE DRIVE) LEFT STATION - OFFSET
12+44.23 -- 37.17 Pow. w/ Tel. Pole
12+46.60 -- 34.81 Exist. Iron Pin

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
23+45.26 -- 19.07 "18"" RCP 450 mm"
23+45.26 -- 19.07 "18"" RCP 450 mm"

S-1470 (FOREST DRIVE) LEFT STATION - OFFSET
10+71.50 -- 36.18 Power Pole
10+73.25 -- 38.85 Tel. Pedestal

S-1133 (LAKE SHORE DRIVE) DRAINAGE LEFT STATION - OFFSET
11+65.82 -- 23.22 "18"" RCP 450 mm"
11+98.19 -- 24.01 "18"" RCP 450 mm"

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
23+45.26 -- 19.07 "18"" RCP 450 mm"
23+45.26 -- 19.07 "18"" RCP 450 mm"

S-1133 (LAKE SHORE DRIVE) DRAINAGE RIGHT STATION - OFFSET
13+59.41 -- 33.00 Exist. Iron Pin
14+11.06 -- 19.93 Water Valve

S-1133 (LAKE SHORE DRIVE) DRAINAGE RIGHT STATION - OFFSET
13+91.00 -- 24.95 "24"" RCP 600 mm"
EMBASSY DRIVEWAY (PRIVATE) LEFT STATION - OFFSET

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
23+45.26 -- 19.07 "18"" RCP 450 mm"
23+45.26 -- 19.07 "18"" RCP 450 mm"

S-1470 (FOREST DRIVE) LEFT STATION - OFFSET
10+71.50 -- 36.18 Power Pole
10+73.25 -- 38.85 Tel. Pedestal

S-1133 (LAKE SHORE DRIVE) DRAINAGE RIGHT STATION - OFFSET
13+59.41 -- 33.00 Exist. Iron Pin
14+11.06 -- 19.93 Water Valve

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

J3-076 (CENTRAL CAROLINAS PARKWAY) DRAINAGE RIGHT STATION - OFFSET
15+13.12 -- 45.05 Catch Basin
15+13.03 -- 40.21 Catch Basin

EXISTING S-48 (SPRING HILL FARM ROAD CUL-DE-SAC) DRAINAGE RIGHT STATION - OFFSET
23+45.26 -- 19.07 "18"" RCP 450 mm"
23+45.26 -- 19.07 "18"" RCP 450 mm"

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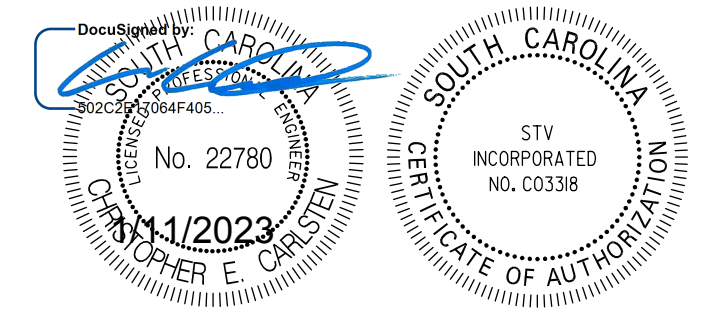
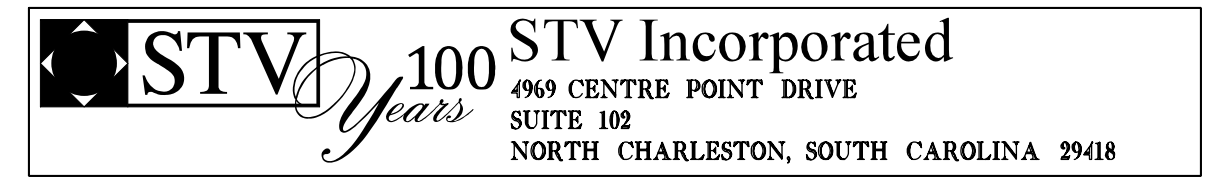
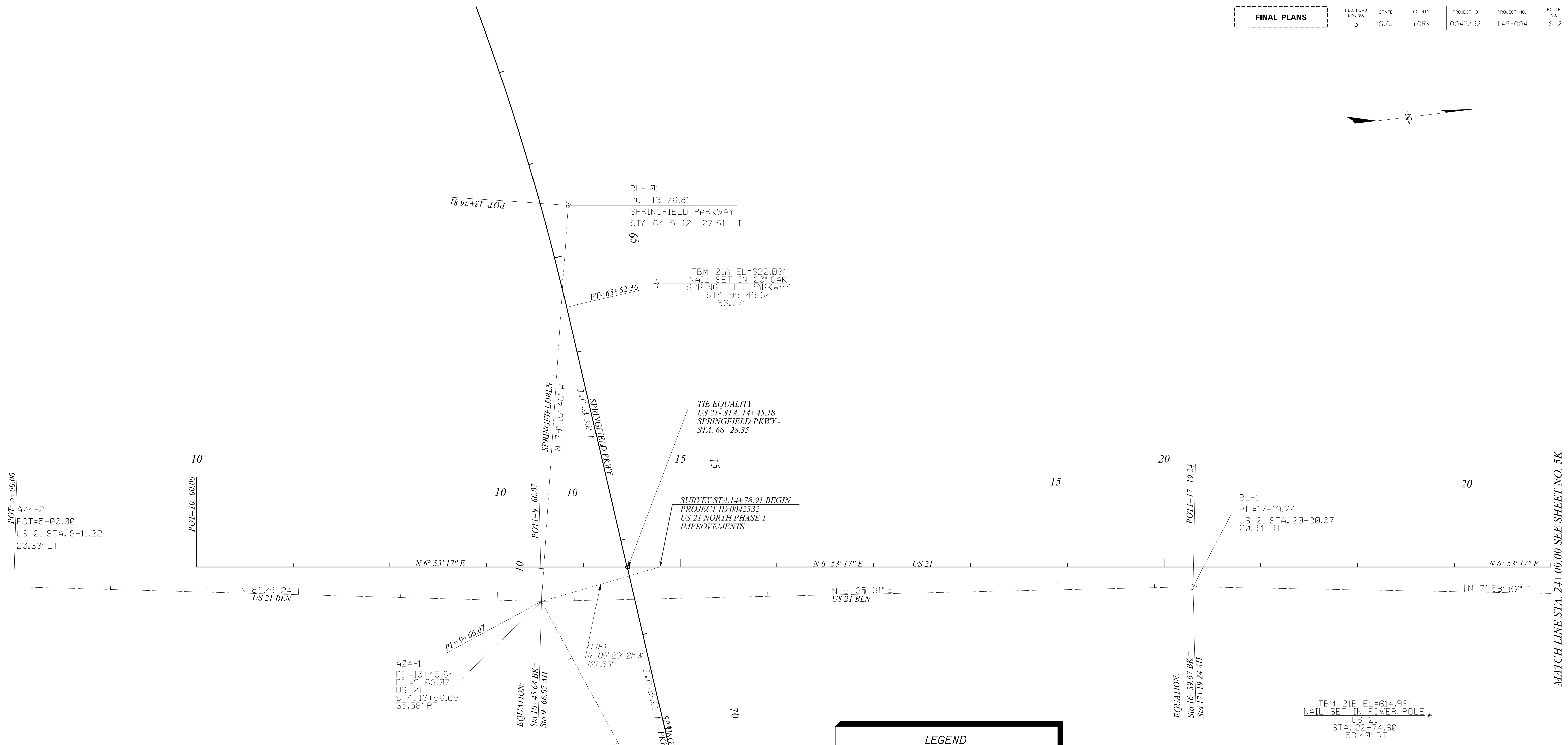
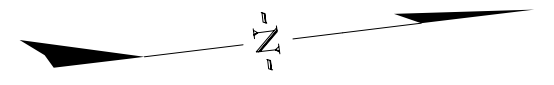


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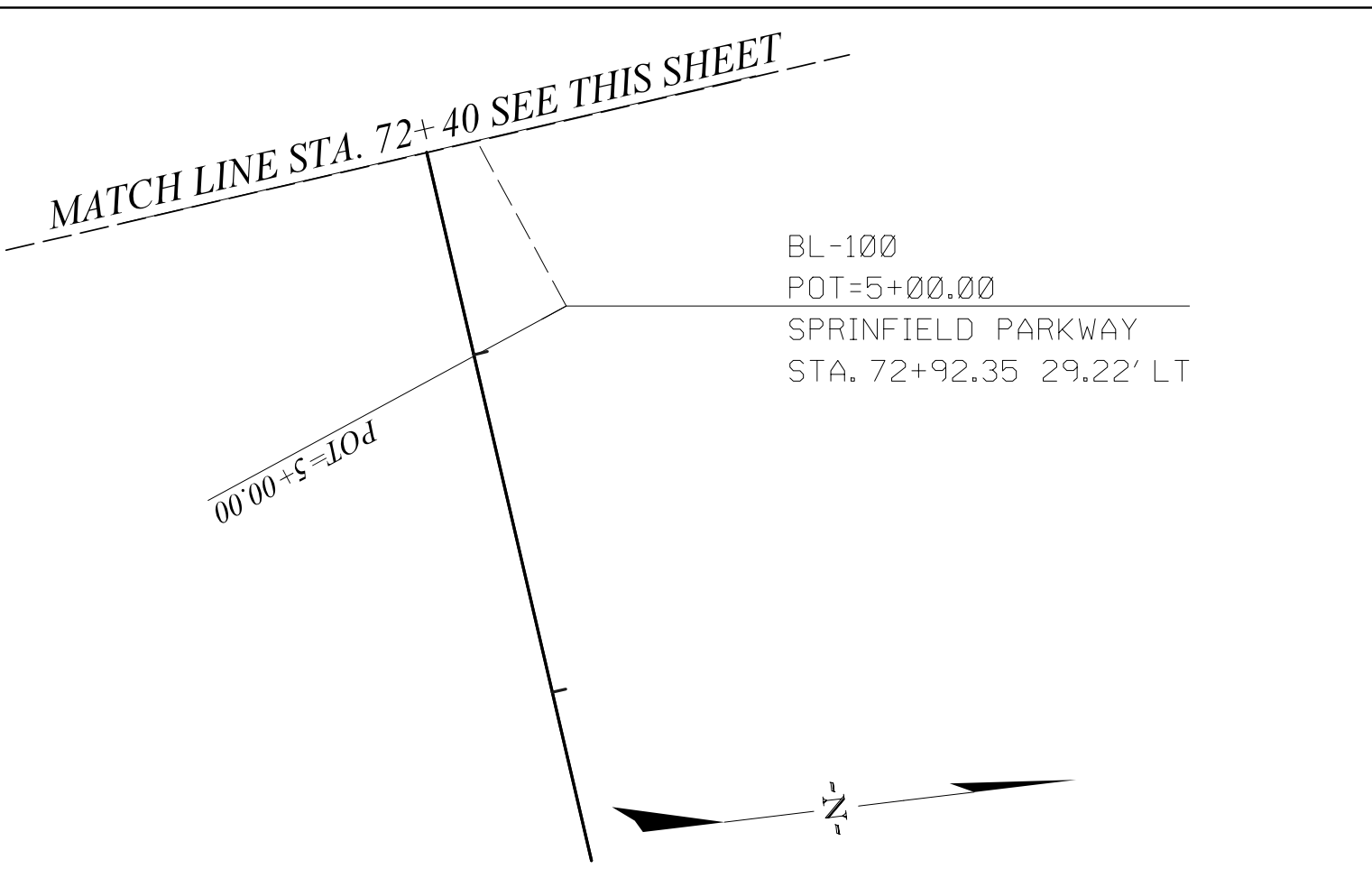
FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5J



MATCH LINE STA. 24+00.00 SEE SHEET NO. 5K

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LEGEND

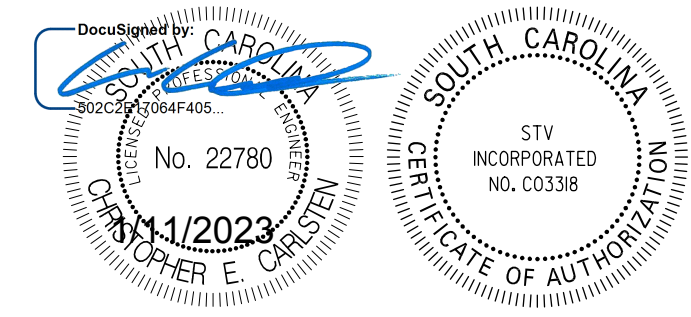
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- RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- BASE LINE SURVEY
- (TIE) BASELINE TIE
- TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

STV 100 Years STV Incorporated
 1069 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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			CHK'D BY
			REVIEWED BY

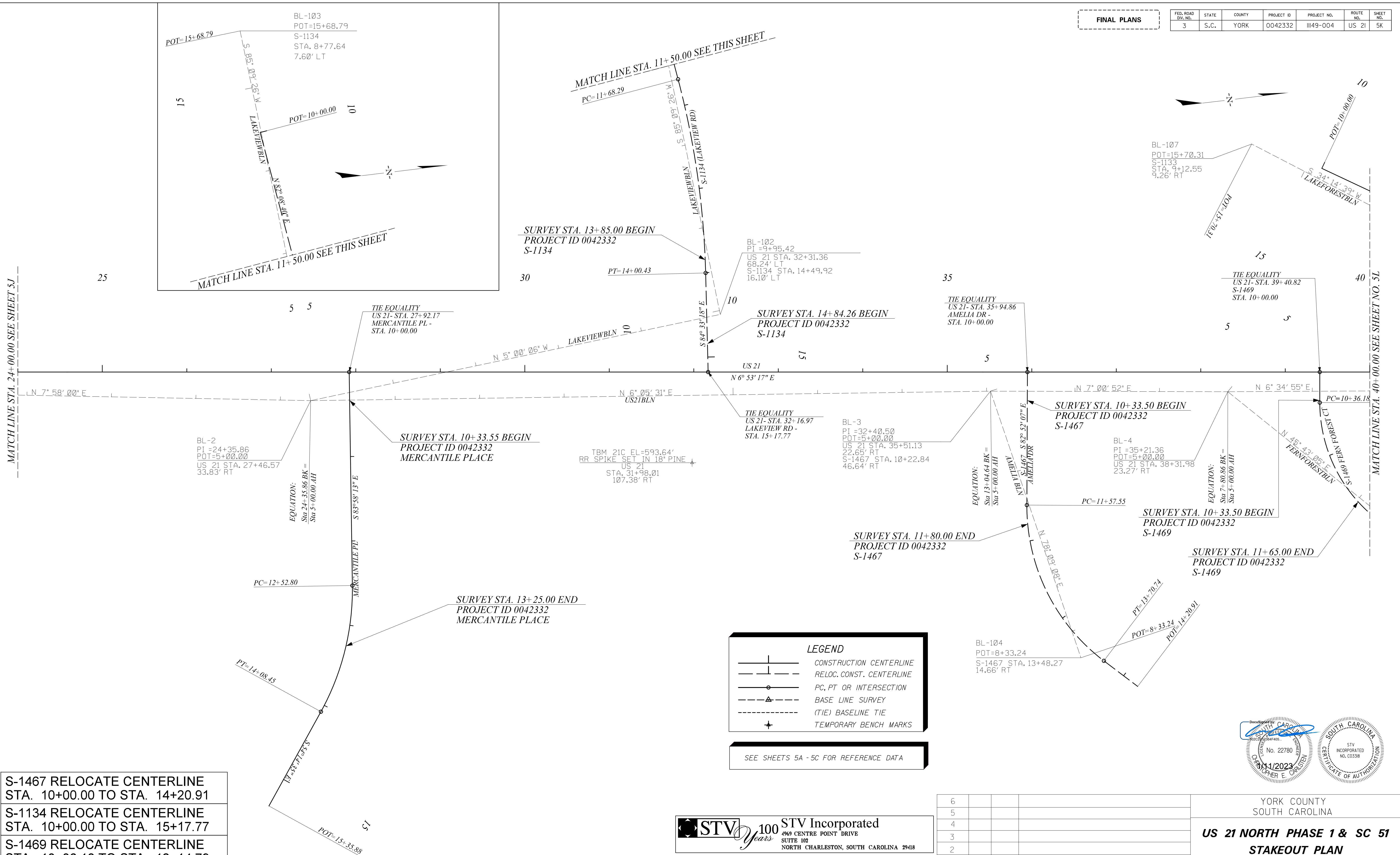
YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN
STA. 10+00 TO STA. 24+00**

SCALE 1"=50' RTE. US 21 DWG. NO. 5J

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FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5K



- S-1467 RELOCATE CENTERLINE
STA. 10+00.00 TO STA. 14+20.91
- S-1134 RELOCATE CENTERLINE
STA. 10+00.00 TO STA. 15+17.77
- S-1469 RELOCATE CENTERLINE
STA. 10+36.18 TO STA. 12+14.79

LEGEND

- CONSTRUCTION CENTERLINE
- RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- BASE LINE SURVEY
- (TIE) BASELINE TIE
- TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

STV 100 Years STV Incorporated
4969 CENTRE POINT DRIVE
SUITE 102
NORTH CHARLESTON, SOUTH CAROLINA 29418



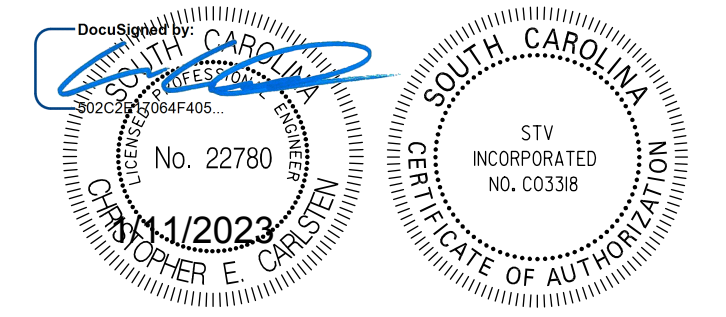
ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
	MHC		CHK'D BY	RSS
			REVIEWED BY	SSW

YORK COUNTY
SOUTH CAROLINA

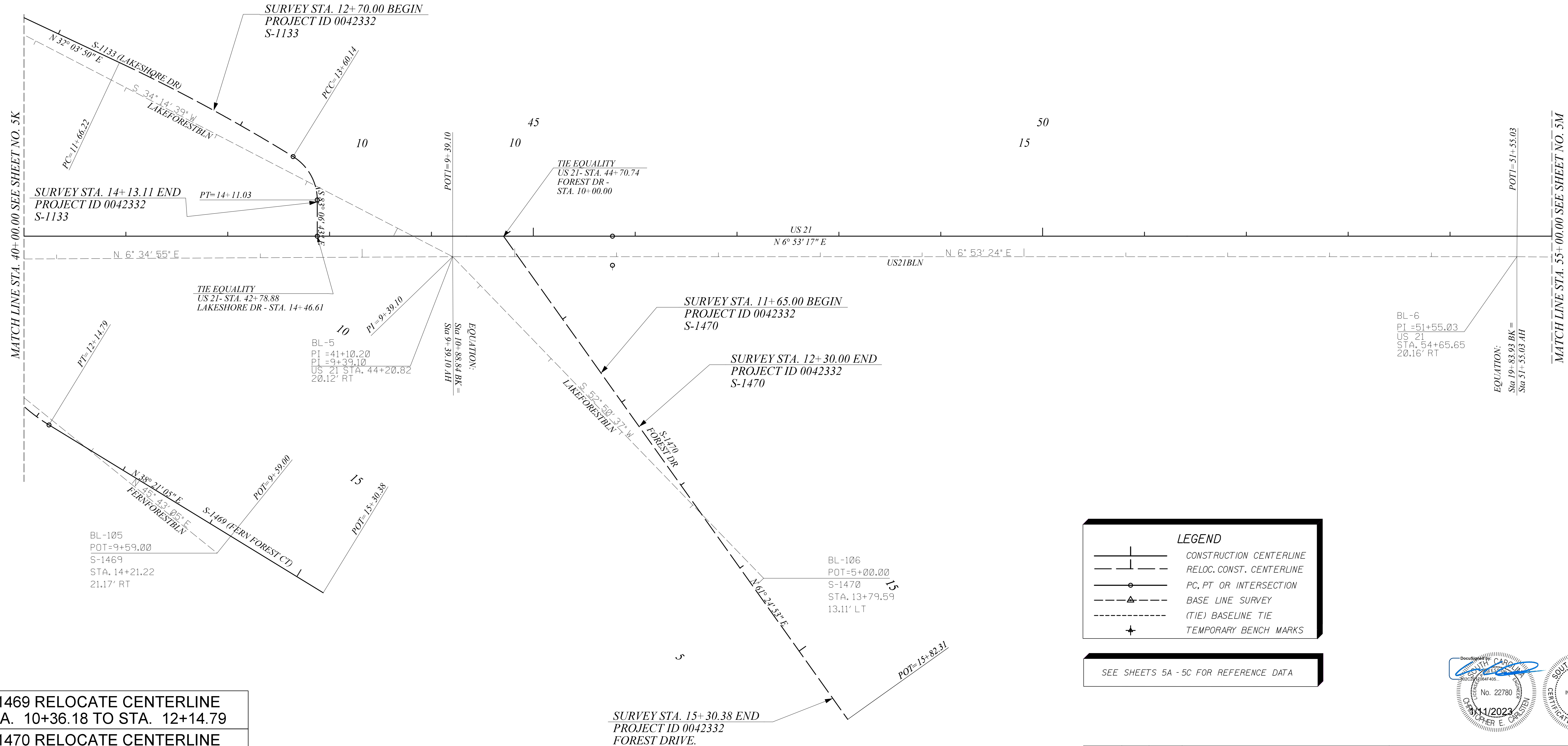
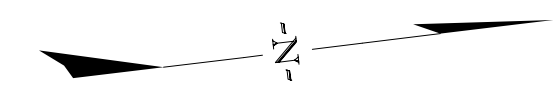
**US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN
STA. 24+00 TO STA. 40+00**

SCALE 1"=50' RTE. US 21 DWG. NO. 5K



FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5L



MATCH LINE STA. 40+00.00 SEE SHEET NO. 5K

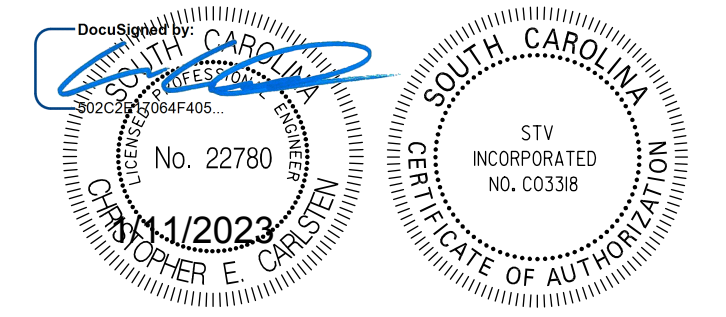
MATCH LINE STA. 55+00.00 SEE SHEET NO. 5M

- S-1469 RELOCATE CENTERLINE STA. 10+36.18 TO STA. 12+14.79
- S-1470 RELOCATE CENTERLINE STA. 10+00.00 TO STA. 15+82.31
- S-1133 RELOCATE CENTERLINE STA. 11+66.22 TO STA. 14+46.61

LEGEND

- +— CONSTRUCTION CENTERLINE
- - - RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- - - △ - - - BASE LINE SURVEY
- - - (TIE) BASELINE TIE
- + TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA



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ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

STV 100 Years STV Incorporated
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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			CHK'D BY
			REVIEWED BY

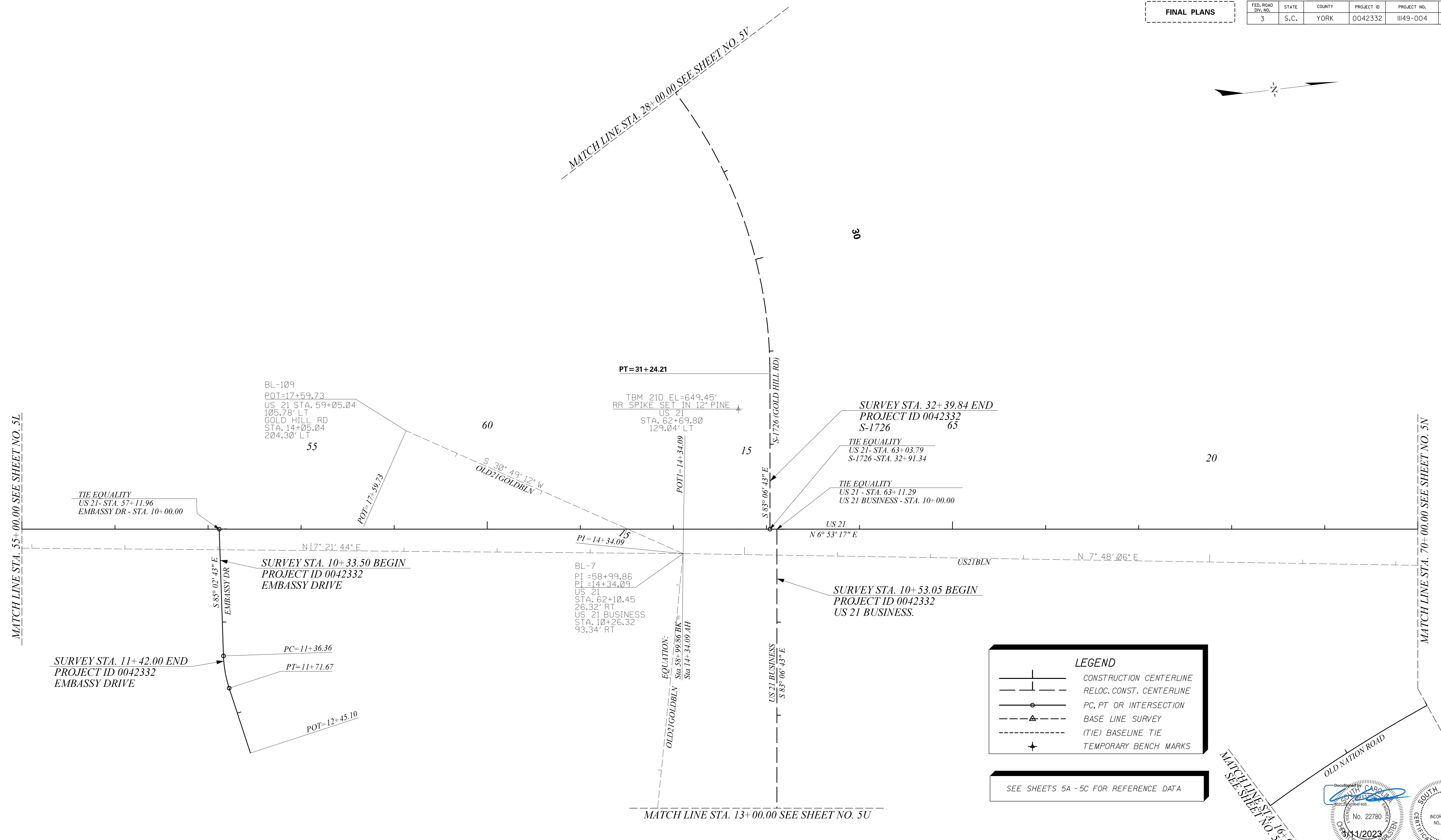
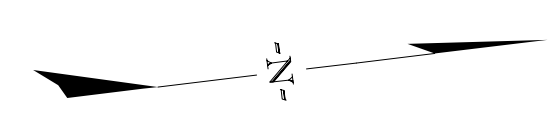
YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 STAKEOUT PLAN
 STA. 40+00 TO STA. 55+00**

SCALE 1"=50' RTE. US 21 DWG. NO. 5L

FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5M



LEGEND

- CONSTRUCTION CENTERLINE
- RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- BASE LINE SURVEY
- (TIE) BASELINE TIE
- TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

MATCH LINE STA. 16+00.00
SEE SHEET NO. 5N

S-1726 RELOCATE CENTERLINE
STA. 15+45.08 TO STA. 32+91.33

US 21 BUS. RELOCATE CENTERLINE
STA. 10+00.00 TO STA. 20+17.53



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

STV 100 Years **STV Incorporated**
4969 CENTRE POINT DRIVE
SUITE 102
NORTH CHARLESTON, SOUTH CAROLINA 29418

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		PREPARED BY
	RRS		CHK'D BY
	SSW		REVIEWED BY

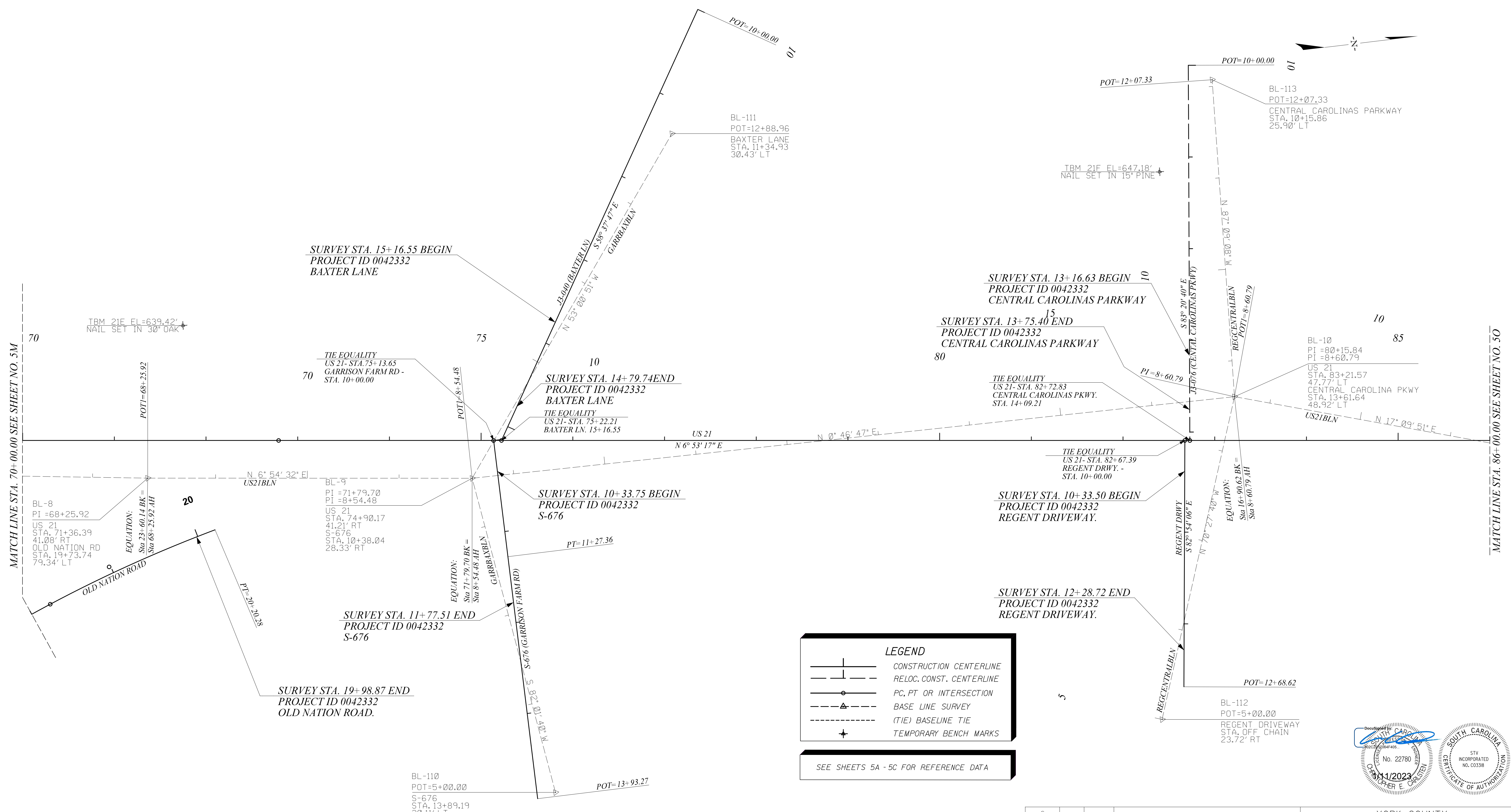
YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN
STA. 55+00 TO STA. 70+00**

SCALE 1"=50' RTE. US 21 DWG. NO. 5M

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1/10/2023

FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5N



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**J3-076 RELOCATE CENTERLINE
STA. 10+00.00 TO STA. 14+09.21**



LEGEND	
	CONSTRUCTION CENTERLINE
	RELOC. CONST. CENTERLINE
	PC, PT OR INTERSECTION
	BASE LINE SURVEY
	(TIE) BASELINE TIE
	TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

STV 100 Years **STV Incorporated**
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

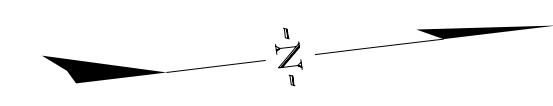
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			REVIEWED BY	SSW

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 No. 22780
 11/11/2023
 SOUTH CAROLINA
 STATE ENGINEER E. CARL BROWN
 STATE OF AUTHORITY
 STV INCORPORATED
 NO. C0338

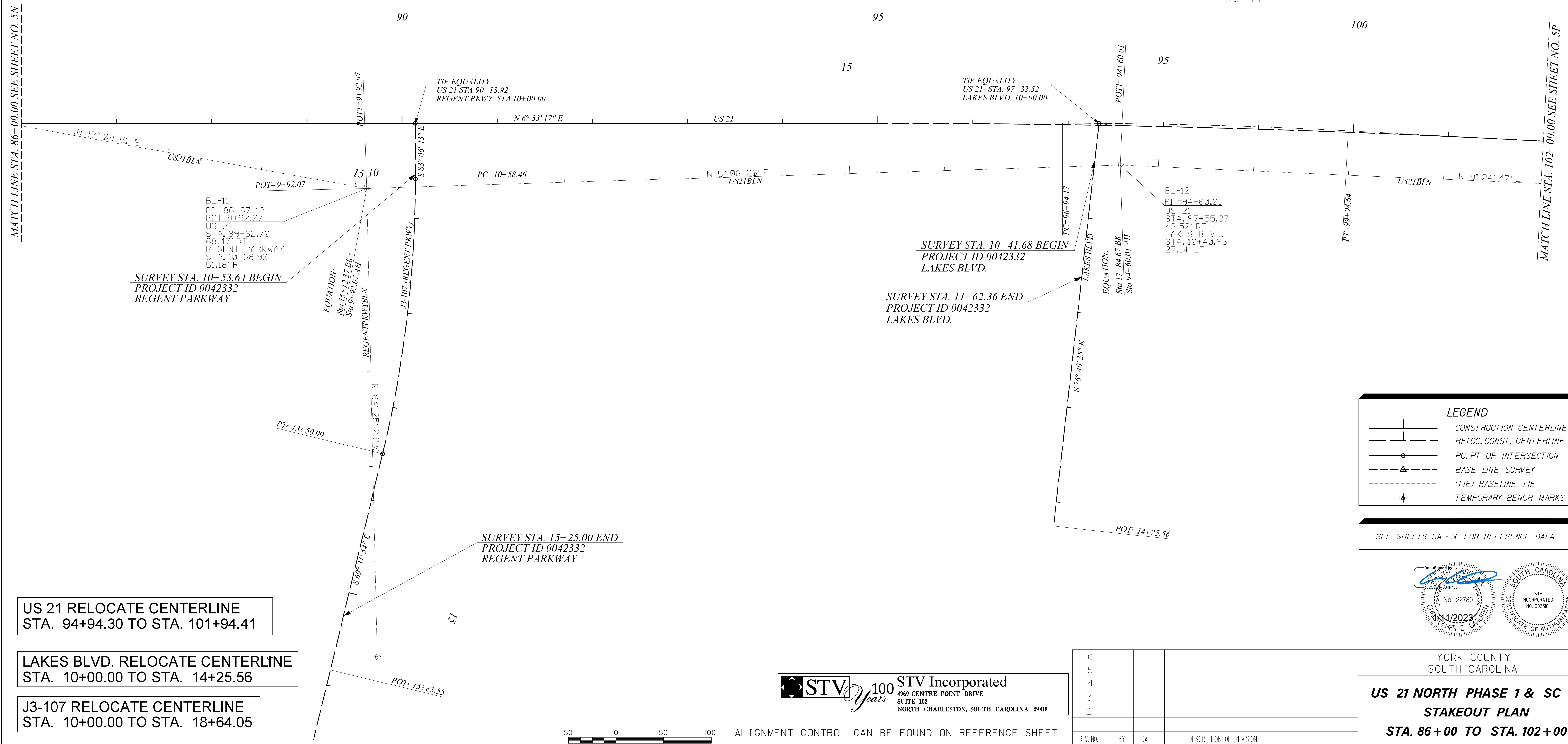
YORK COUNTY
 SOUTH CAROLINA
**US 21 NORTH PHASE 1 & SC 51
 STAKEOUT PLAN**
STA. 70+00 TO STA. 86+00
 SCALE 1"=50' RTE. US 21 DWG. NO. 5N

FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	50



TBM 21G EL=662.17'
 NAIL SET IN 12" DOGWOOD
 US 21
 STA. 97+85.69
 152.51' LT



BL-11
 PI=86+67.42
 POT=9+92.07
 US 21
 STA. 89+62.70
 68.47' RT
 REGENT PARKWAY
 STA. 10+68.90
 51.18' RT

SURVEY STA. 10+53.64 BEGIN
 PROJECT ID 0042332
 REGENT PARKWAY

EQUATION:
 Sta 15+12.37 BK =
 Sta 9+92.07 AH

SURVEY STA. 10+41.68 BEGIN
 PROJECT ID 0042332
 LAKES BLVD.

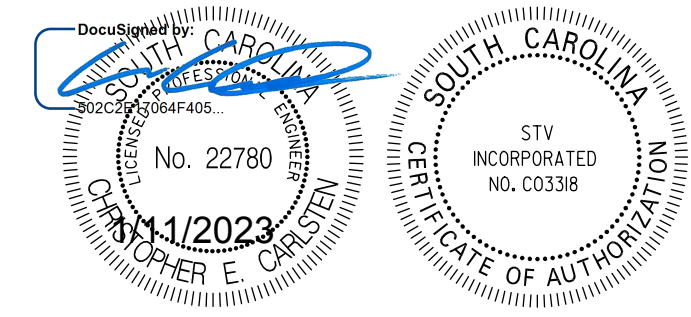
SURVEY STA. 11+62.36 END
 PROJECT ID 0042332
 LAKES BLVD.

BL-12
 PI=94+60.01
 US 21
 STA. 97+55.37
 43.52' RT
 LAKES BLVD.
 STA. 10+40.93
 27.14' LT

LEGEND

	CONSTRUCTION CENTERLINE
	RELOC. CONST. CENTERLINE
	PC, PT OR INTERSECTION
	BASE LINE SURVEY
	(TIE) BASELINE TIE
	TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA



US 21 RELOCATE CENTERLINE
 STA. 94+94.30 TO STA. 101+94.41

LAKES BLVD. RELOCATE CENTERLINE
 STA. 10+00.00 TO STA. 14+25.56

J3-107 RELOCATE CENTERLINE
 STA. 10+00.00 TO STA. 18+64.05



STV 100 Years
 STV Incorporated
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		
	RRS		
	SSW		

YORK COUNTY
 SOUTH CAROLINA

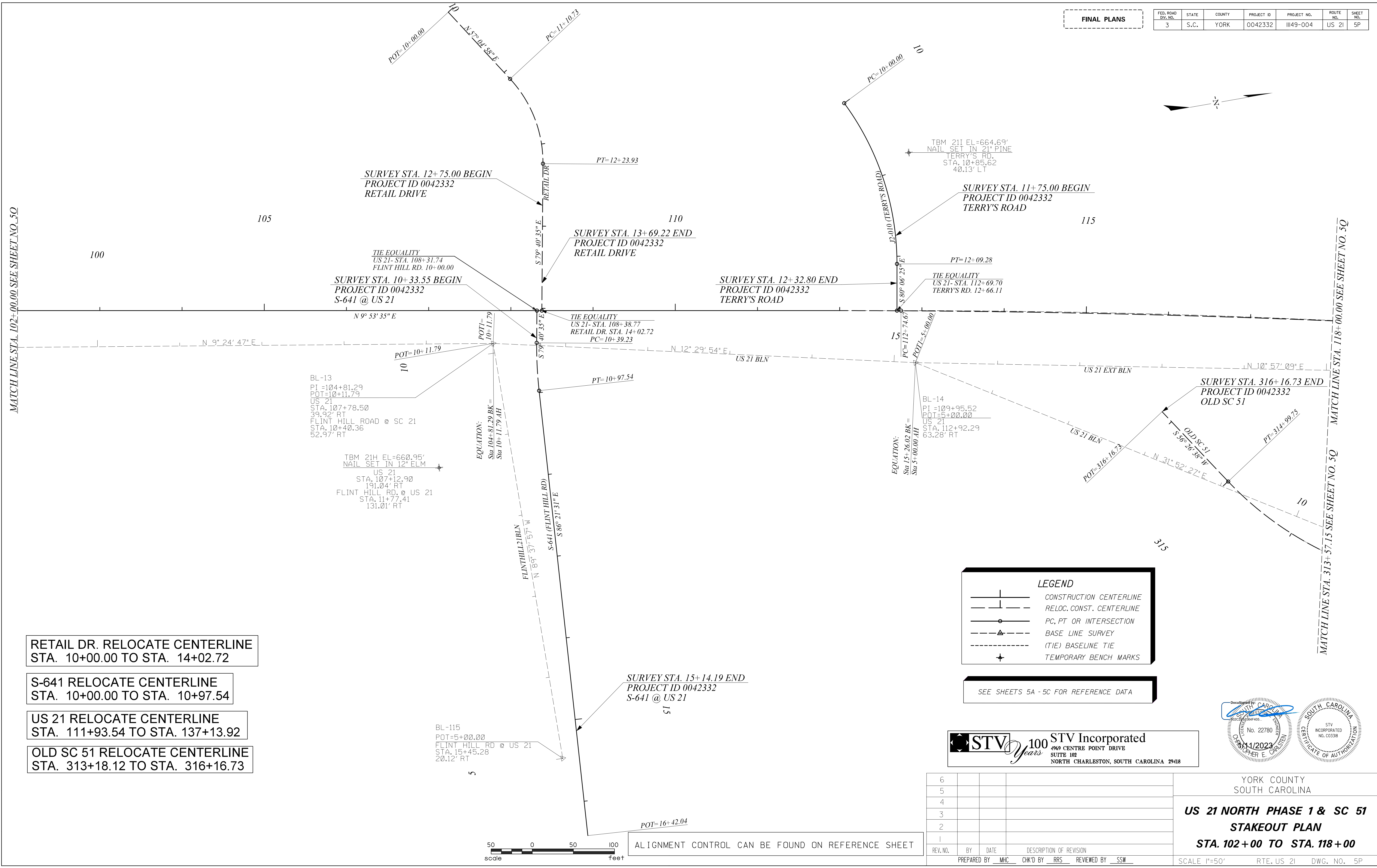
US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN
STA. 86+00 TO STA. 102+00

SCALE 1"=50' RTE. US 21 DWG. NO. 50

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 1/10/2023

FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5P



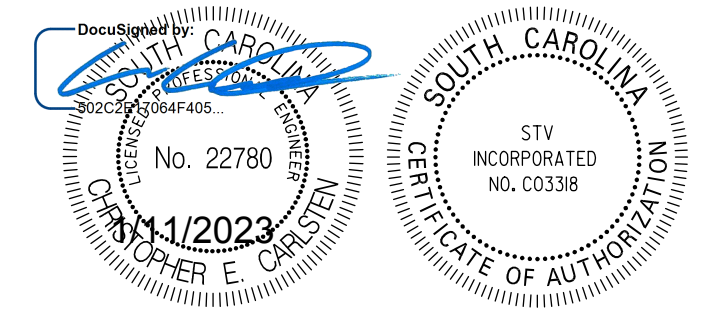
- RETAIL DR. RELOCATE CENTERLINE
STA. 10+00.00 TO STA. 14+02.72
- S-641 RELOCATE CENTERLINE
STA. 10+00.00 TO STA. 10+97.54
- US 21 RELOCATE CENTERLINE
STA. 111+93.54 TO STA. 137+13.92
- OLD SC 51 RELOCATE CENTERLINE
STA. 313+18.12 TO STA. 316+16.73

LEGEND

- CONSTRUCTION CENTERLINE
- RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- BASE LINE SURVEY
- (TIE) BASELINE TIE
- TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

STV 100 Years STV Incorporated
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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PREPARED BY MHC CHK'D BY RRS REVIEWED BY SSW

YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 STAKEOUT PLAN**

STA. 102+00 TO STA. 118+00

SCALE 1"=50' RTE. US 21 DWG. NO. 5P

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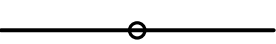
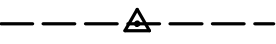
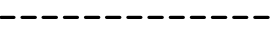

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

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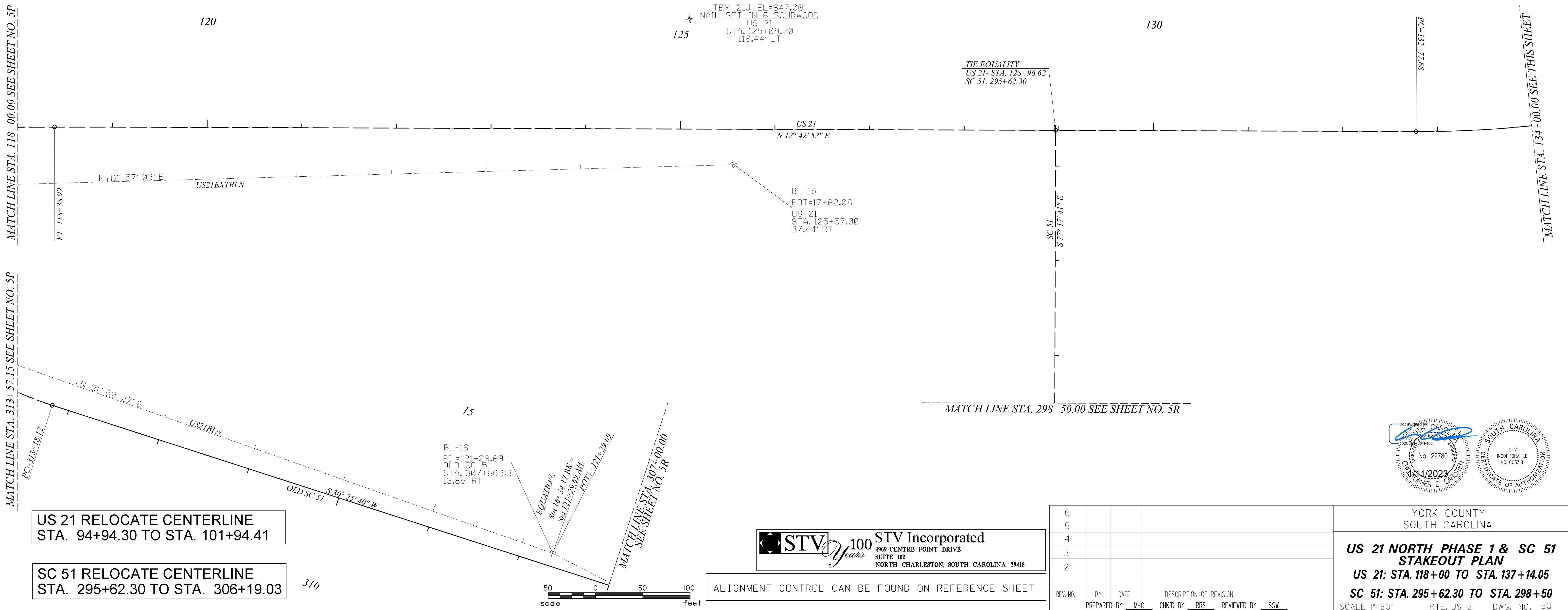
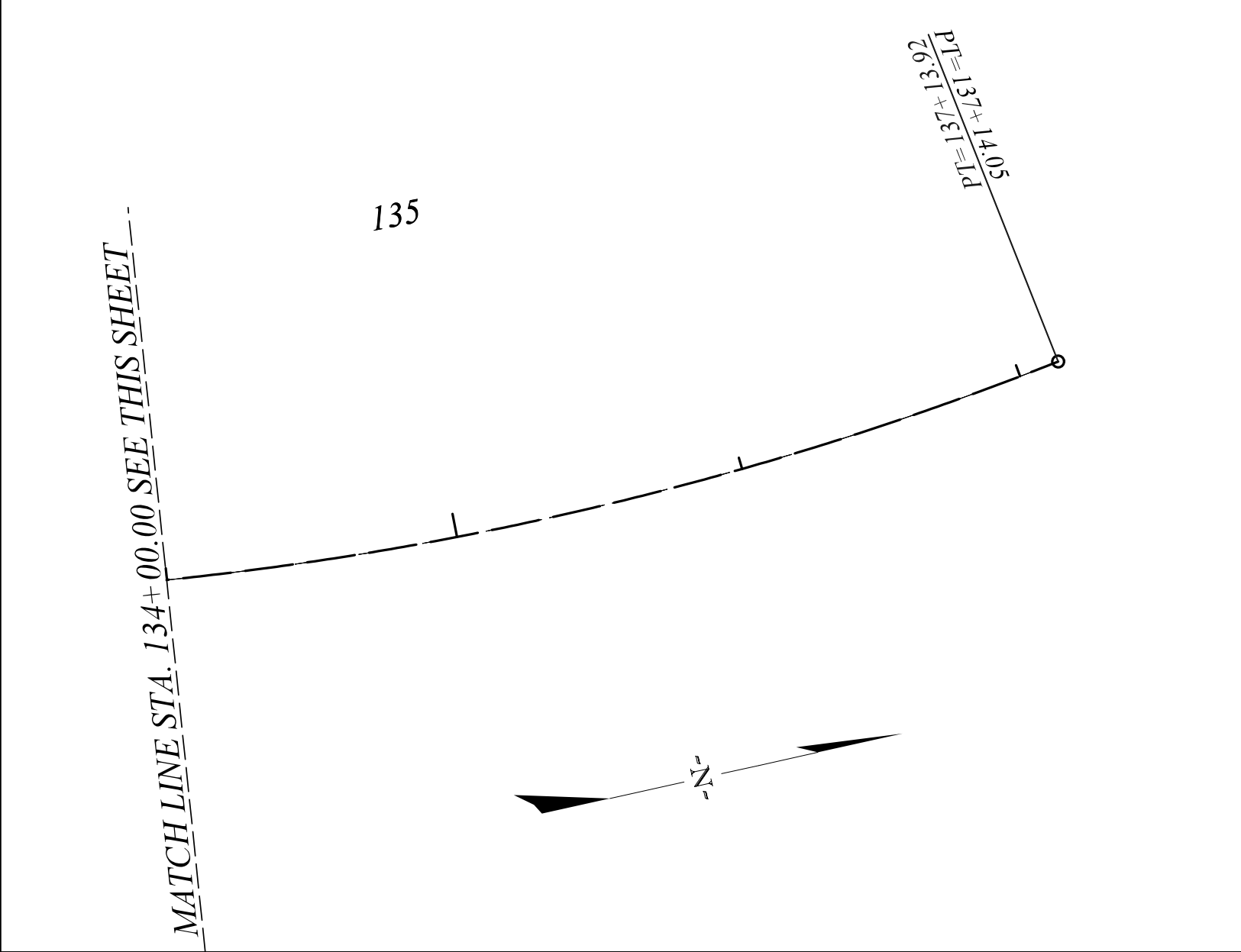
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	50

FINAL PLANS

LEGEND

-  CONSTRUCTION CENTERLINE
-  RELOC. CONST. CENTERLINE
-  PC, PT OR INTERSECTION
-  BASE LINE SURVEY
-  (TIE) BASELINE TIE
-  TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

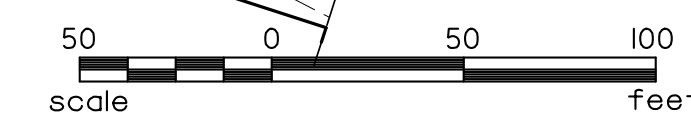


US 21 RELOCATE CENTERLINE
 STA. 94+94.30 TO STA. 101+94.41

SC 51 RELOCATE CENTERLINE
 STA. 295+62.30 TO STA. 306+19.03

STV 100 Years STV Incorporated
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

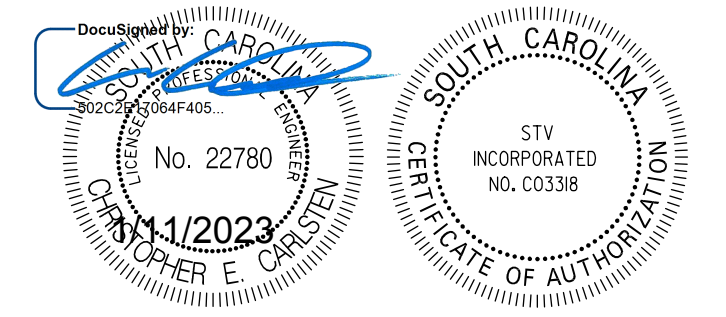


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		PREPARED BY
	RRS		CHK'D BY
	SSW		REVIEWED BY

YORK COUNTY
 SOUTH CAROLINA

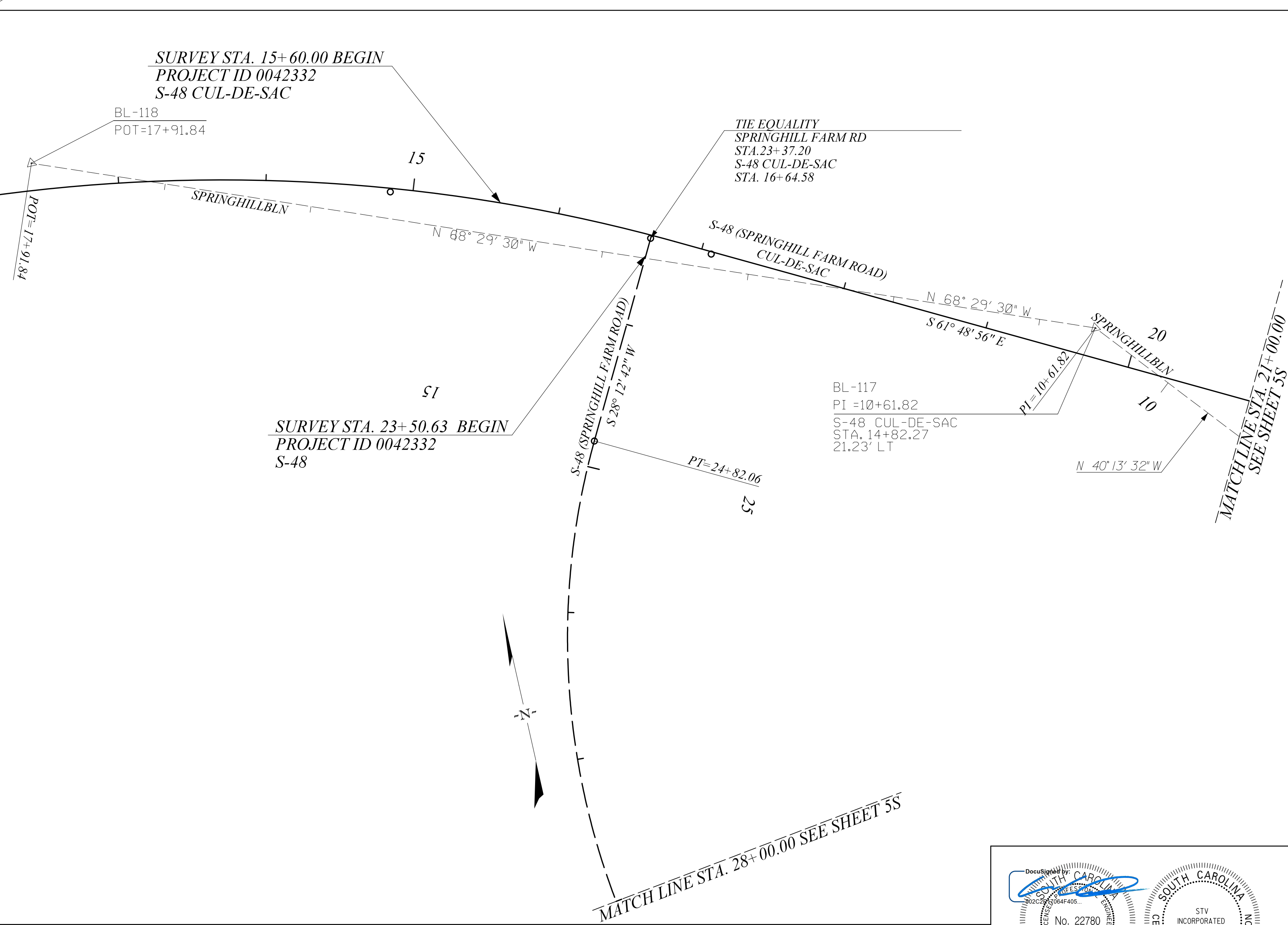
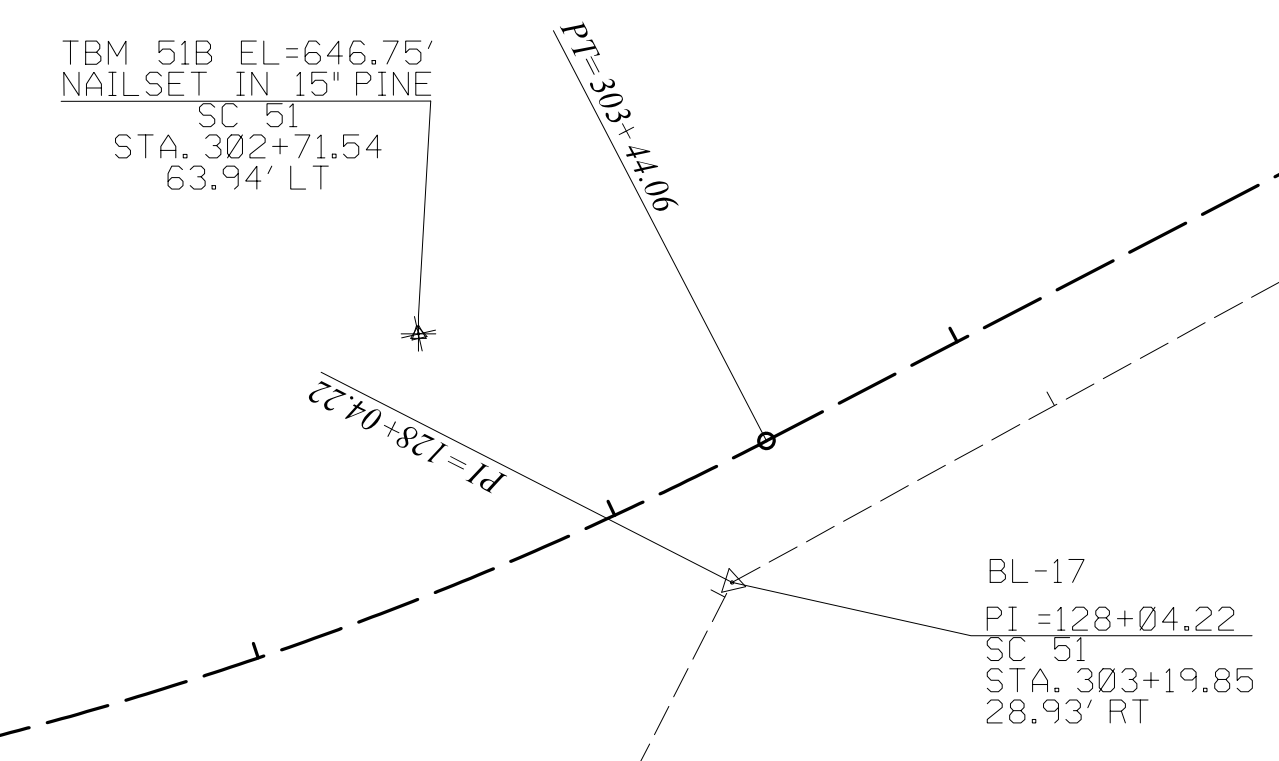
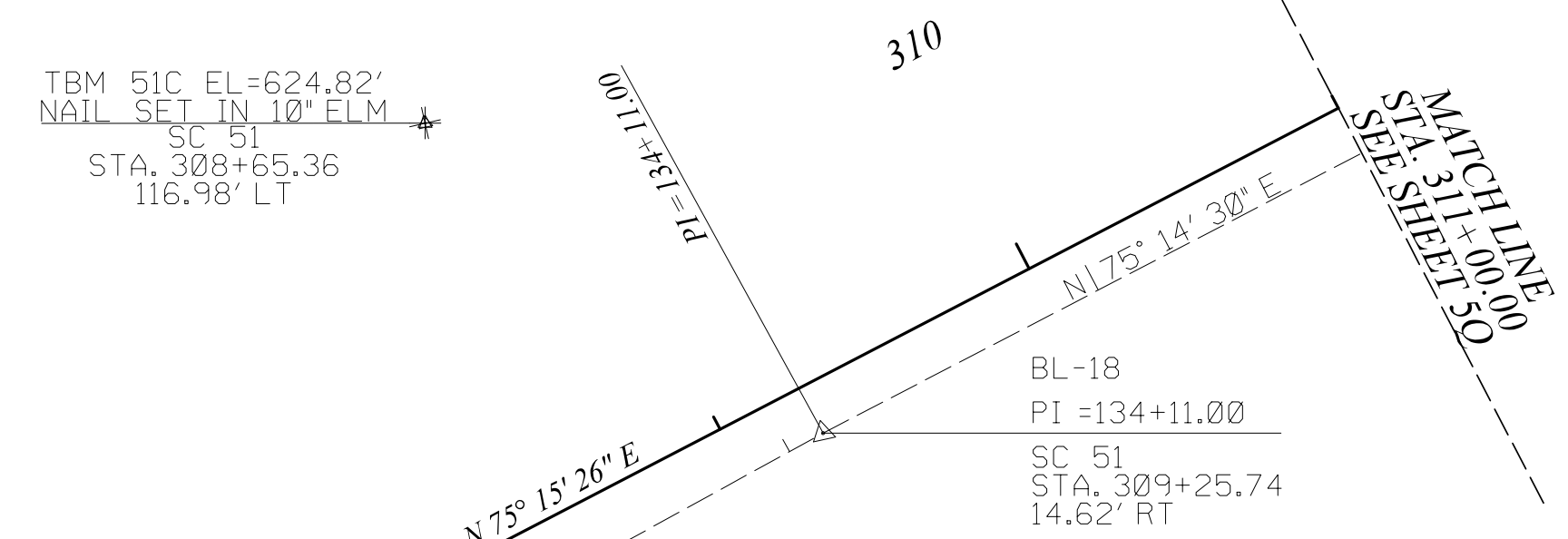
**US 21 NORTH PHASE 1 & SC 51
 STAKEOUT PLAN**
 US 21: STA. 118+00 TO STA. 137+14.05
 SC 51: STA. 295+62.30 TO STA. 298+50

SCALE 1"=50' RTE. US 21 DWG. NO. 50



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FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5R

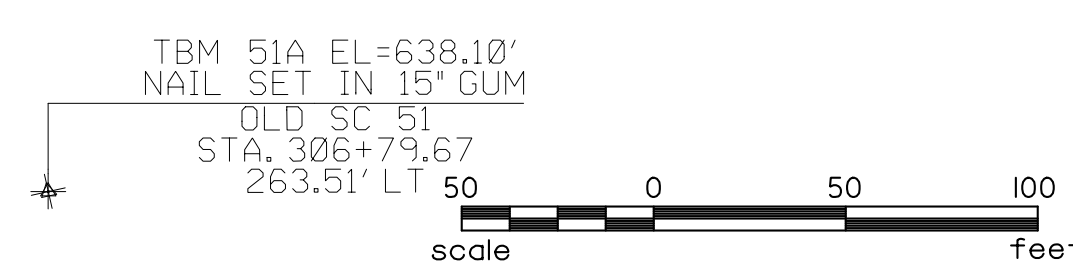


LEGEND	
	CONSTRUCTION CENTERLINE
	RELOC. CONST. CENTERLINE
	PC, PT OR INTERSECTION
	BASE LINE SURVEY
	(TIE) BASELINE TIE
	TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

SC 51 RELOCATE CENTERLINE
STA. 295+62.30 TO STA. 306+19.03

OLD SC 51 RELOCATE CENTERLINE
STA. 302+05.00 TO STA. 306+53.57



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

STV 100 Years **STV Incorporated**
4969 CENTRE POINT DRIVE
SUITE 102
NORTH CHARLESTON, SOUTH CAROLINA 29418

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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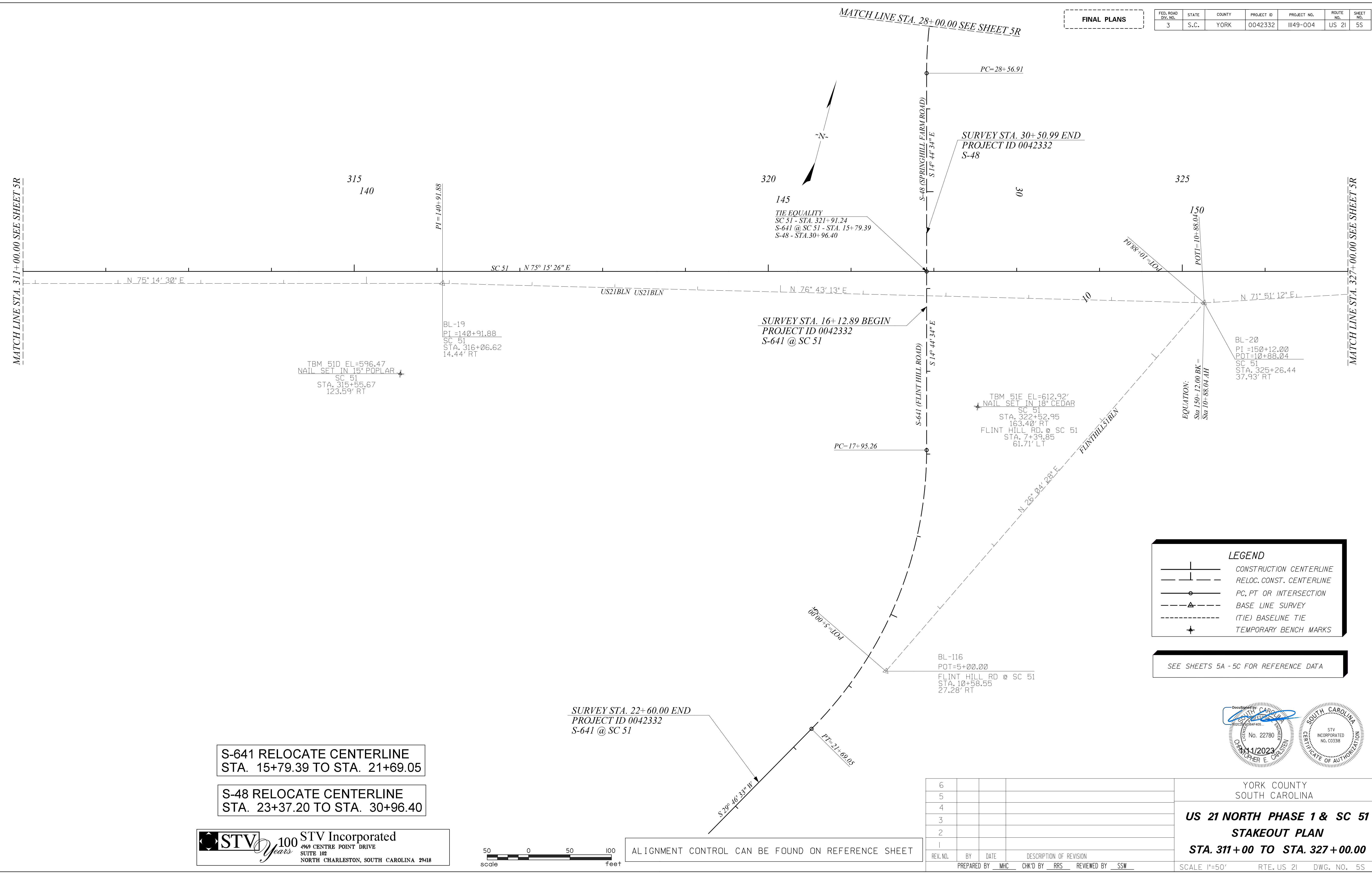
Documented by
STV
No. 22780
11/2023
YORK COUNTY SOUTH CAROLINA
STV INCORPORATED
NO. C0338
CERTIFICATE OF AUTHORITY

YORK COUNTY
SOUTH CAROLINA
**US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN**
STA. 298+50 TO STA. 311+00
SCALE 1"=50' RTE. US 21 DWG. NO. 5R

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FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	55



S-641 RELOCATE CENTERLINE
STA. 15+79.39 TO STA. 21+69.05

S-48 RELOCATE CENTERLINE
STA. 23+37.20 TO STA. 30+96.40

STV 100 Years **STV Incorporated**
4969 CENTRE POINT DRIVE
SUITE 102
NORTH CHARLESTON, SOUTH CAROLINA 29418



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

LEGEND

- +— CONSTRUCTION CENTERLINE
- - - RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- - -△- - - BASE LINE SURVEY
- - -△- - - (TIE) BASELINE TIE
- + TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

Professional Engineer Seal for **STV INCORPORATED**, No. 22780, dated 11/11/2023.

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		PREPARED BY
			CHK'D BY
			REVIEWED BY

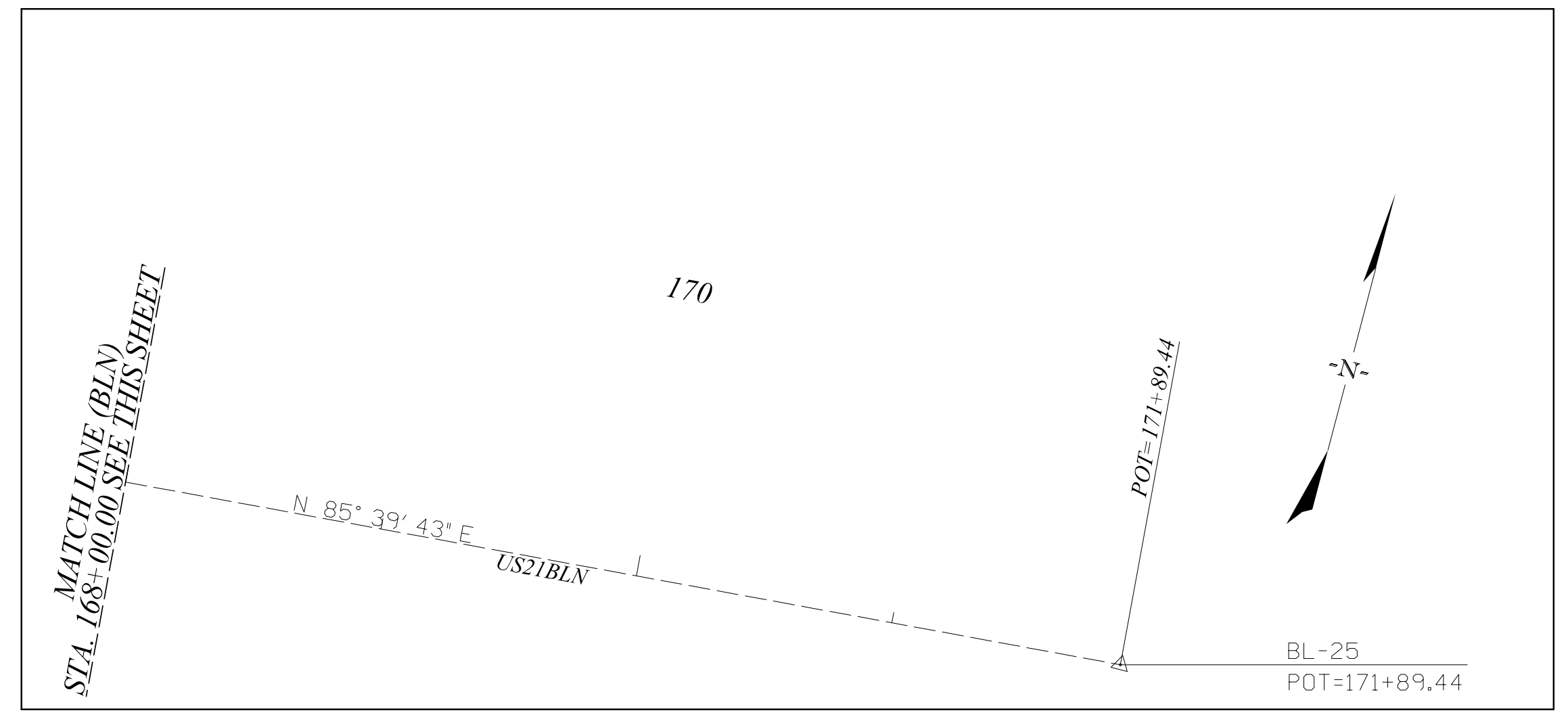
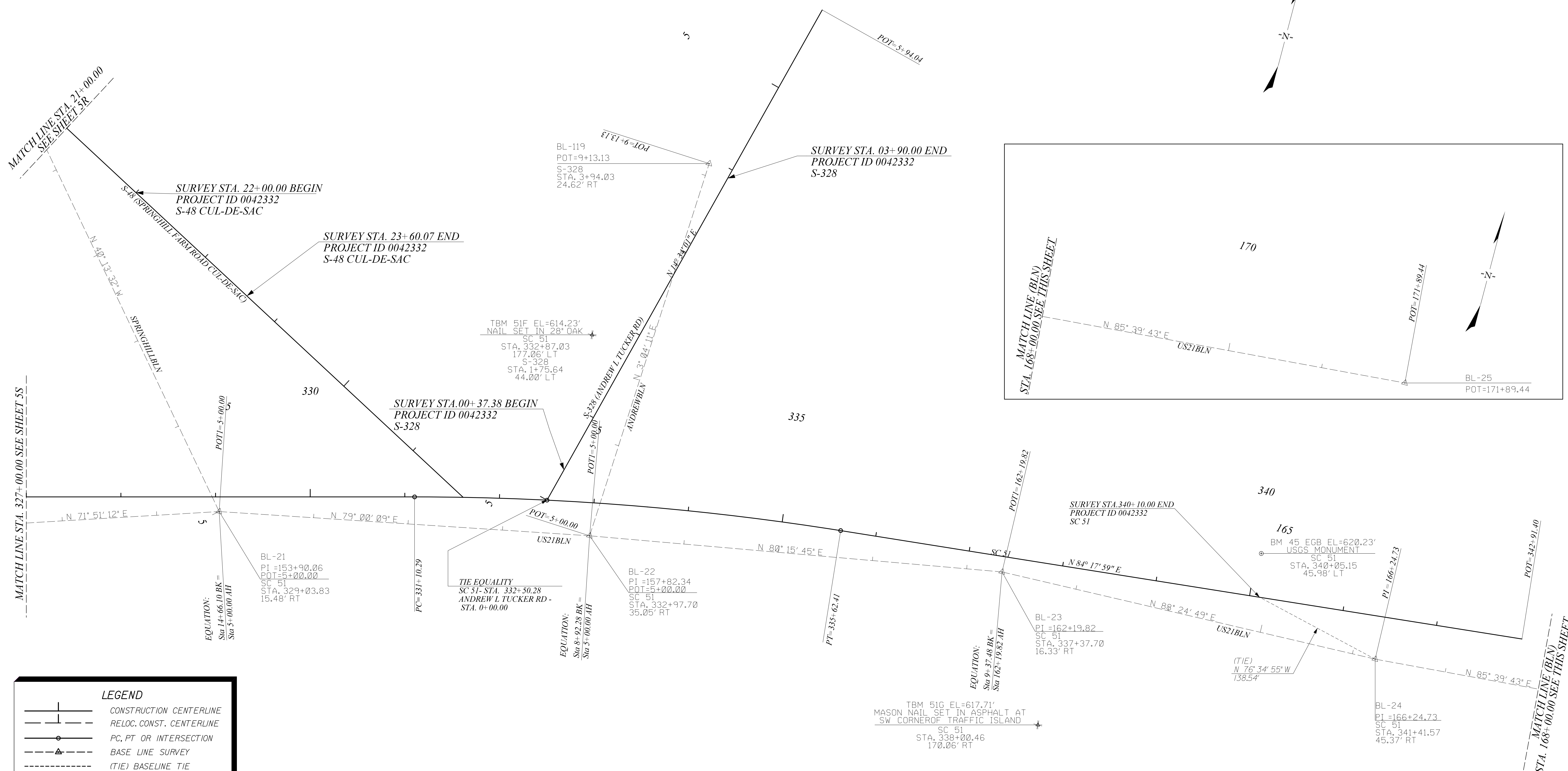
YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN**

STA. 311+00 TO STA. 327+00.00

SCALE 1"=50' RTE. US 21 DWG. NO. 55

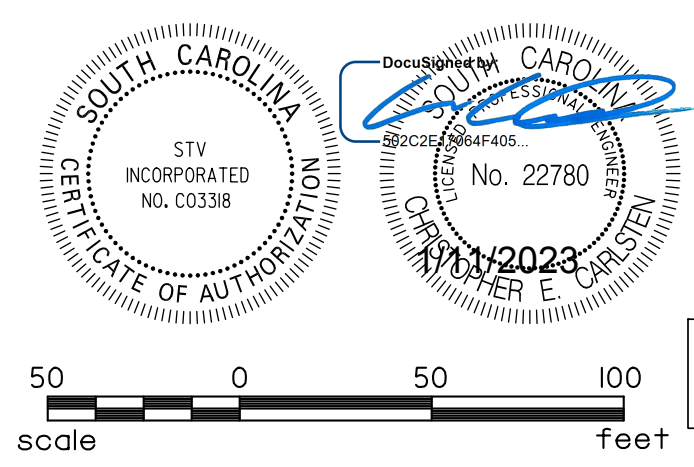
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FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5T



LEGEND

	CONSTRUCTION CENTERLINE
	RELOC. CONST. CENTERLINE
	PC, PT OR INTERSECTION
	BASE LINE SURVEY
	(TIE) BASELINE TIE
	TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA



STV 100 Years STV Incorporated
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		PREPARED BY
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			REVIEWED BY

YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 STAKEOUT PLAN**

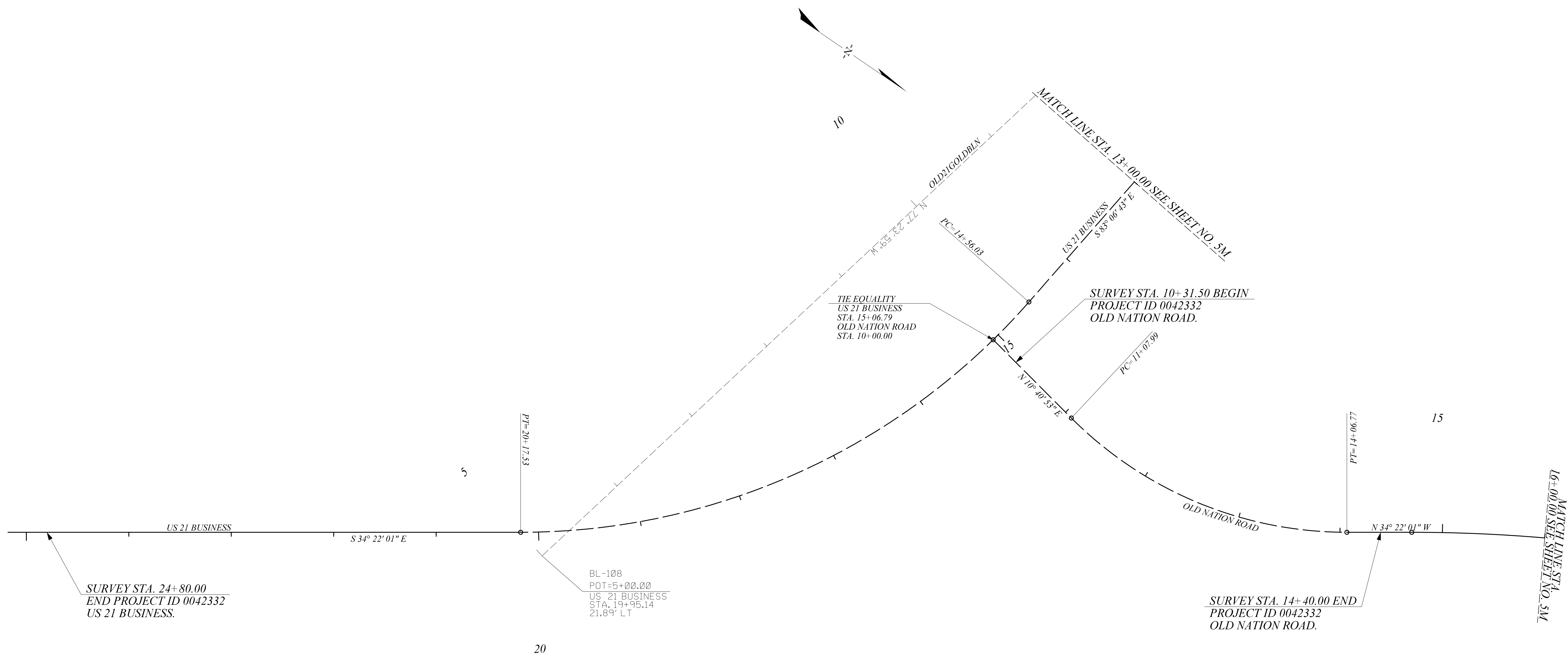
STA. 327+00 TO STA. 342+91.40

SCALE 1"=50' RTE. US 21 DWG. NO. 5T

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 1/10/2023

FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
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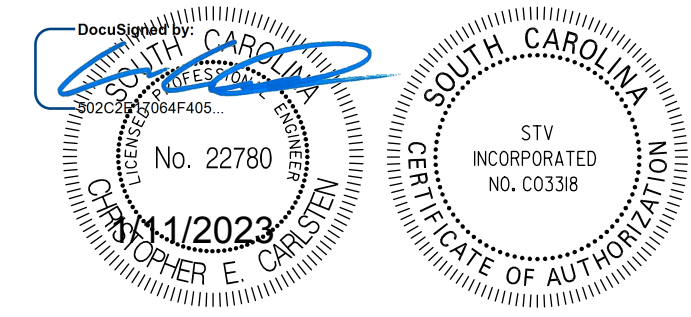


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 1/10/2023

LEGEND

- CONSTRUCTION CENTERLINE
- RELOC. CONST. CENTERLINE
- PC, PT OR INTERSECTION
- BASE LINE SURVEY
- (TIE) BASELINE TIE
- TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA



US 21 BUS. RELOCATE CENTERLINE
 STA. 10+00.00 TO STA. 20+17.53
OLD NATION RD. RELOCATE CENTERLINE
 STA. 10+00.00 TO STA. 14+06.77



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

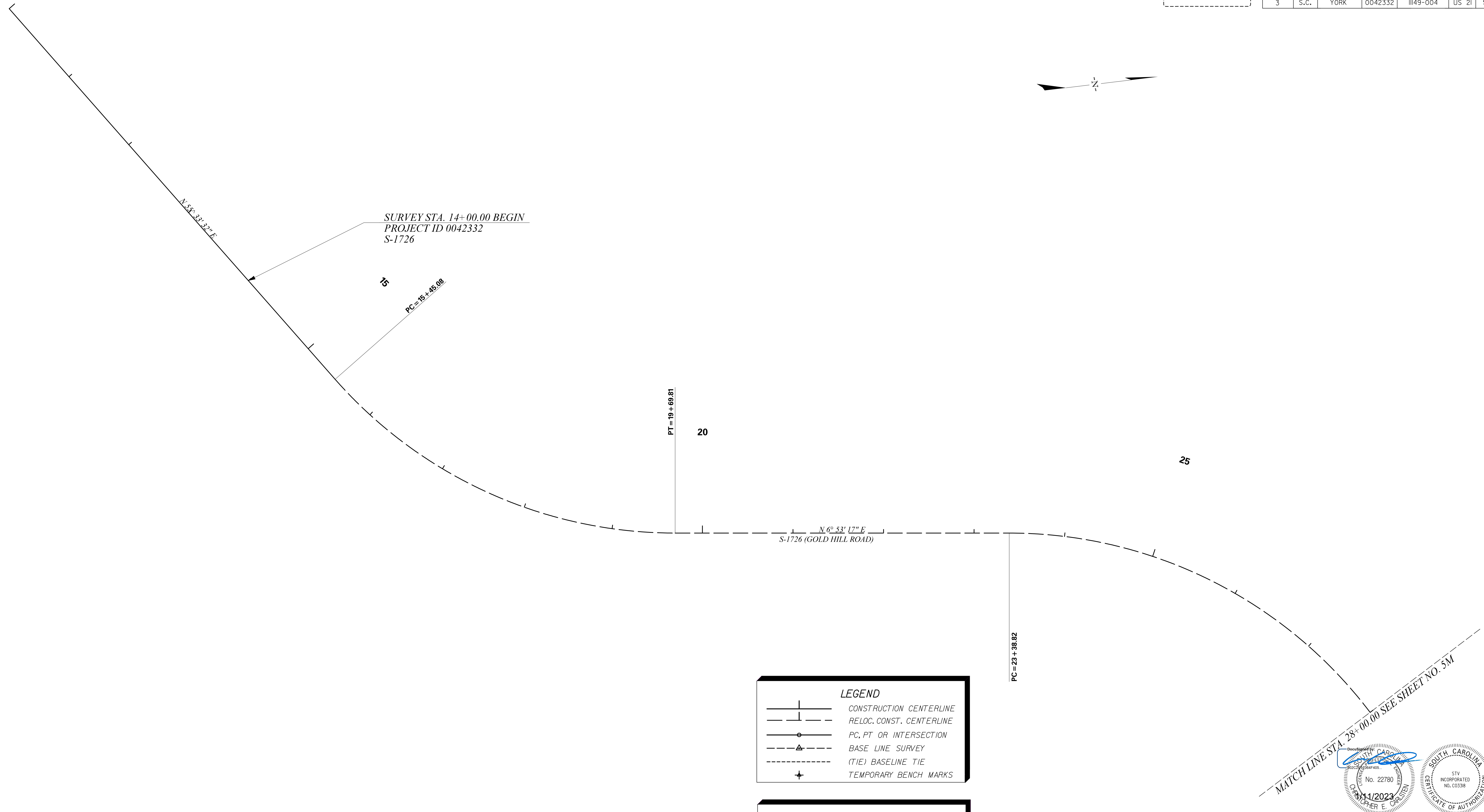
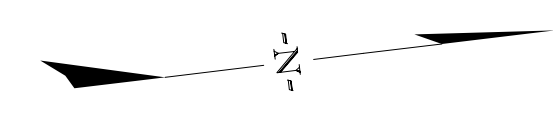
STV Incorporated
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		
	RRS		
	SSW		

YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
STAKEOUT PLAN
US 21 BUSINESS
 SCALE 1"=50' RTE. US 21 DWG. NO. 5U

FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	5V



LEGEND

	CONSTRUCTION CENTERLINE
	RELOC. CONST. CENTERLINE
	PC, PT OR INTERSECTION
	BASE LINE SURVEY
	(TIE) BASELINE TIE
	TEMPORARY BENCH MARKS

SEE SHEETS 5A - 5C FOR REFERENCE DATA

STV 100 Years **STV Incorporated**
 4969 CENTRE POINT DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



**S-1726 RELOCATE CENTERLINE
 STA. 15+45.08 TO STA. 32+91.33**

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	MHC		
	RRS		
	SSW		

MATCH LINE STA. 28+00.00 SEE SHEET NO. 5M

Professional Engineer Seal: No. 22780, 11/11/2023, Matthew E. Carlsen

Professional Engineer Seal: No. C0338, STV Incorporated

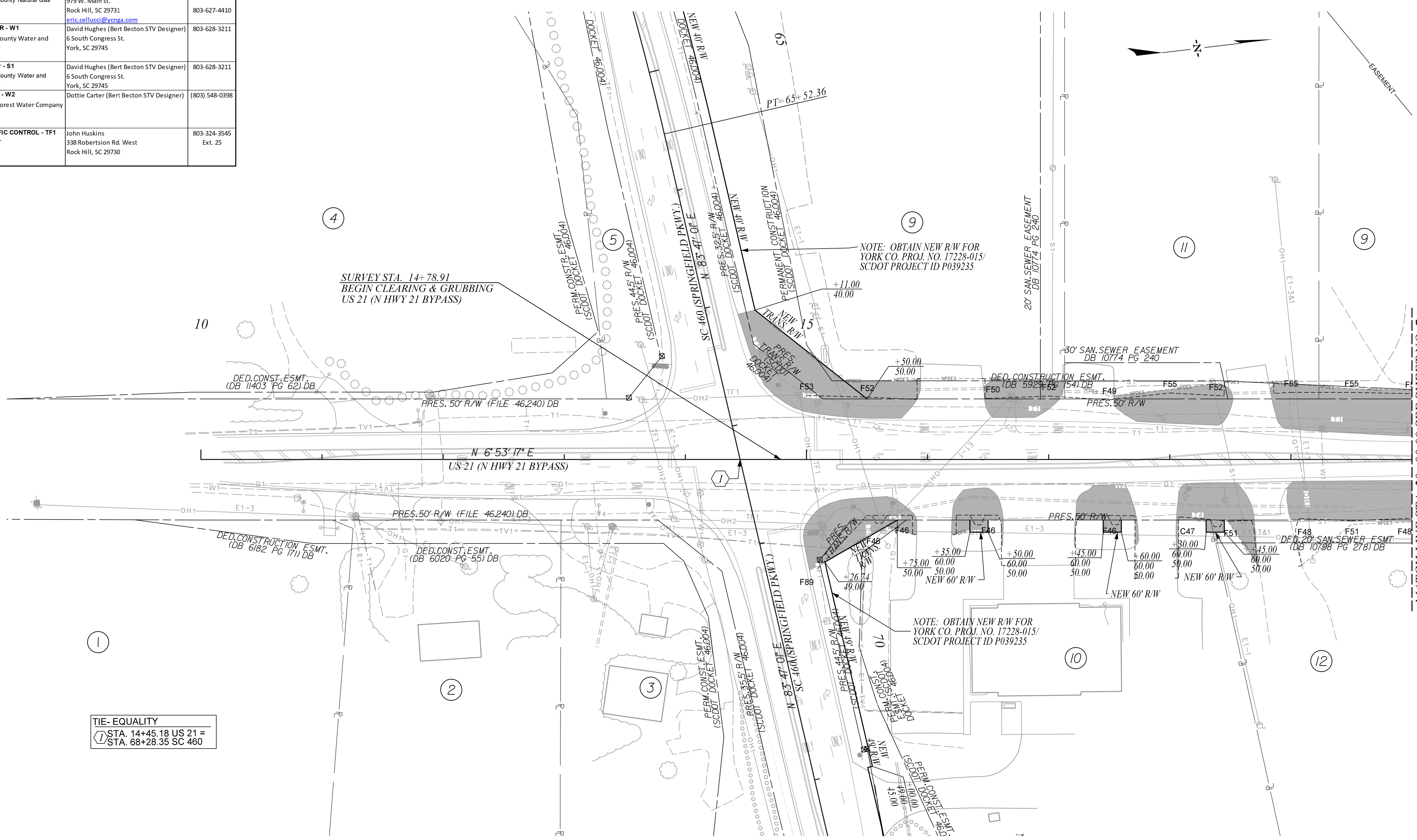
YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 STAKEOUT PLAN
 S-1726
 STA. 14+00.00 TO STA. 28+00.00**

SCALE 1"=50' RTE. US 21 DWG. NO. 5V

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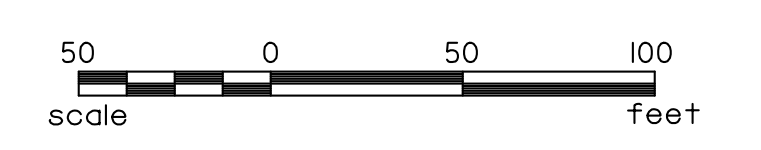
COMPANY	CONTACT	PHONE NO.	COMPANY	CONTACT	PHONE NO.
POWER - E1 York Electric Corporation	Wes Dover PO Box 150 1385 A. Alexander Love Hwy York, SC 29745 Wes.Dover@yorkelectric.net	803-628-5564 803-627-0824	TELECOM - TV1 Comporium	Eric Kirkland 471-A Lakeshore Pkwy Rock Hill, SC 29730 eric.kirkland@comporium.com	803-326-6109
POWER - E2 (TRANS) Duke Energy	Stephen Lord 526 South Church St. Charlotte, NC 28202 Stephen.Lord@duke-energy.com	704-812-2316	TELECOM - TV2 Time Warner Communications	Matt McClain 3140 West Arrowood Road Charlotte, NC 28273 matt.mcclain@charter.com	704-378-2194 980-428-5092
POWER - E2 (Distribution) Duke Energy NO CONFLICT	Stephen Lord 526 South Church St. Charlotte, NC 28202 Stephen.Lord@duke-energy.com	704-812-2316	GAS - G1 York County Natural Gas	Eric Cellucci 979 W. Main St. Rock Hill, SC 29731 eric.cellucci@ycnga.com	803-323-5392 803-627-4410
POWER - E3 (Distribution) Central Electric Power Cooperative NO CONFLICT	Jimmy Tindal 20 Cooperative Way Columbia, SC 29210 jtindal@cepci.org	803-255-8810 803-606-4581	WATER - W1 York County Water and Sewer	David Hughes (Bert Becton STV Designer) 6 South Congress St. York, SC 29745	803-628-4211
TELECOM - T1 Comporium	Eric Kirkland 471-A Lakeshore Pkwy Rock Hill, SC 29730 eric.kirkland@comporium.com	803-326-6109	Sewer - S1 York County Water and Sewer	David Hughes (Bert Becton STV Designer) 6 South Congress St. York, SC 29745	803-628-3211
TELECOM - T2 Duke Net Legacy (Charter)	Matt McClain 3140 West Arrowood Road Charlotte, NC 28273 matt.mcclain@charter.com	704-378-2194 980-428-5092	Water - W2 Fern Forest Water Company	Dottie Carter (Bert Becton STV Designer)	(803) 548-0398
TELECOM - T3 AT&T No Conflict for Distribution	Jamie Riggins 100 Belton Drive Spartanburg, SC 29301	864-574-8608	TRAFFIC CONTROL - TF1 SCDOT	John Huskins 338 Robertson Rd. West Rock Hill, SC 29730 Ext. 25	803-324-3545
TELECOM - T4 Level 3 Communications (Lumen)	Wanita Brenes 227 Robeson Street Fayetteville NC 28301 wanita.brenes@lumen.com	910-551-8838			
TELECOM - T5 Zayo Fiber	Leanne Cole leanne.cole@zayo.com	585-447-0310			
TELECOM - T6 MCI Communications (Verizon)	Corey Thomas corey.thomas@verizon.com	501-297-9085			
TELECOM - T7 Windstream Communications	Daniel Honeycutt Daniel.Honeycutt@windstream.com	704-849-1358 704-579-7897			



REV. NO.	DATE	DESCRIPTION OF REVISION
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C0338

SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 No. 32542
 12/23/2024
 G. MASTILOE

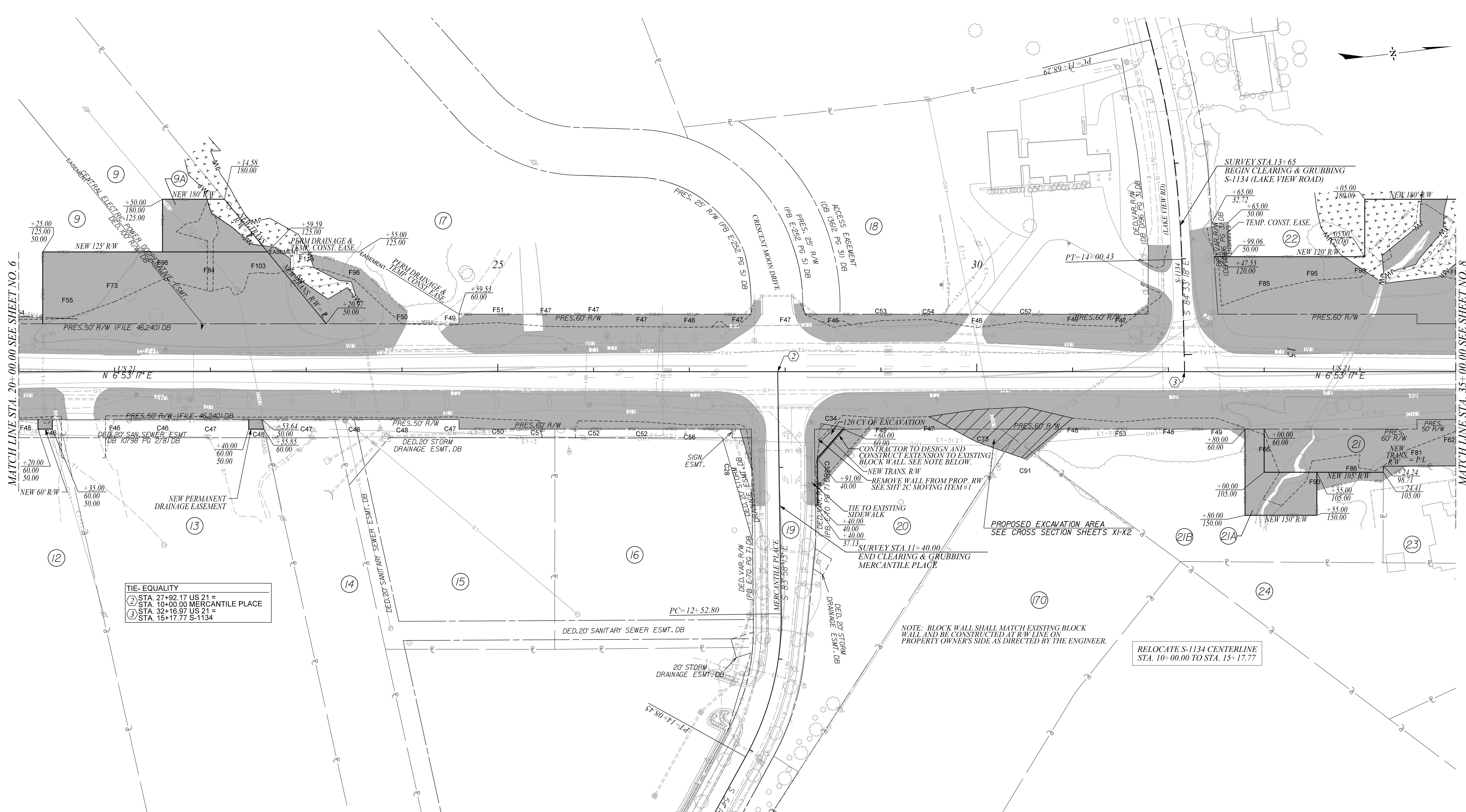
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YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 CLEARING & GRUBBING PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 6

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	7



MATCH LINE STA. 20+00.00 SEE SHEET NO. 6

MATCH LINE STA. 35+00.00 SEE SHEET NO. 8

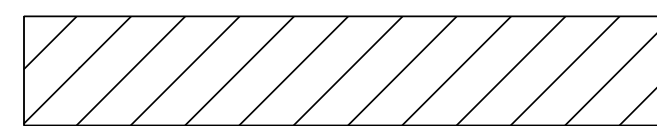
TIE- EQUALITY


- ② STA. 27+92.17 US 21 =
- STA. 10+00.00 MERCANTILE PLACE
- ③ STA. 32+16.97 US 21 =
- STA. 15+17.77 S-1134

NOTE: BLOCK WALL SHALL MATCH EXISTING BLOCK WALL AND BE CONSTRUCTED AT R/W LINE ON PROPERTY OWNERS SIDE AS DIRECTED BY THE ENGINEER.

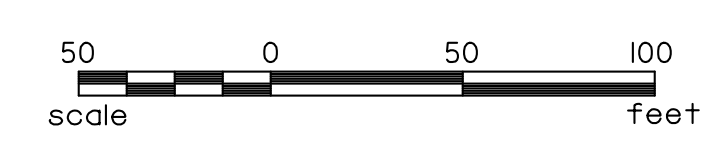
RELOCATE S-1134 CENTERLINE STA. 10+00.00 TO STA. 15+17.77

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 **EXCAVATION AREA**

 **CLEARING & GRUBBING AREA**

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STATE ENGINEER
 No. 32542
 10/23/2024
 G. MASTILOWE

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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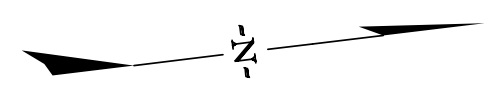
YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 CLEARING & GRUBBING PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 7

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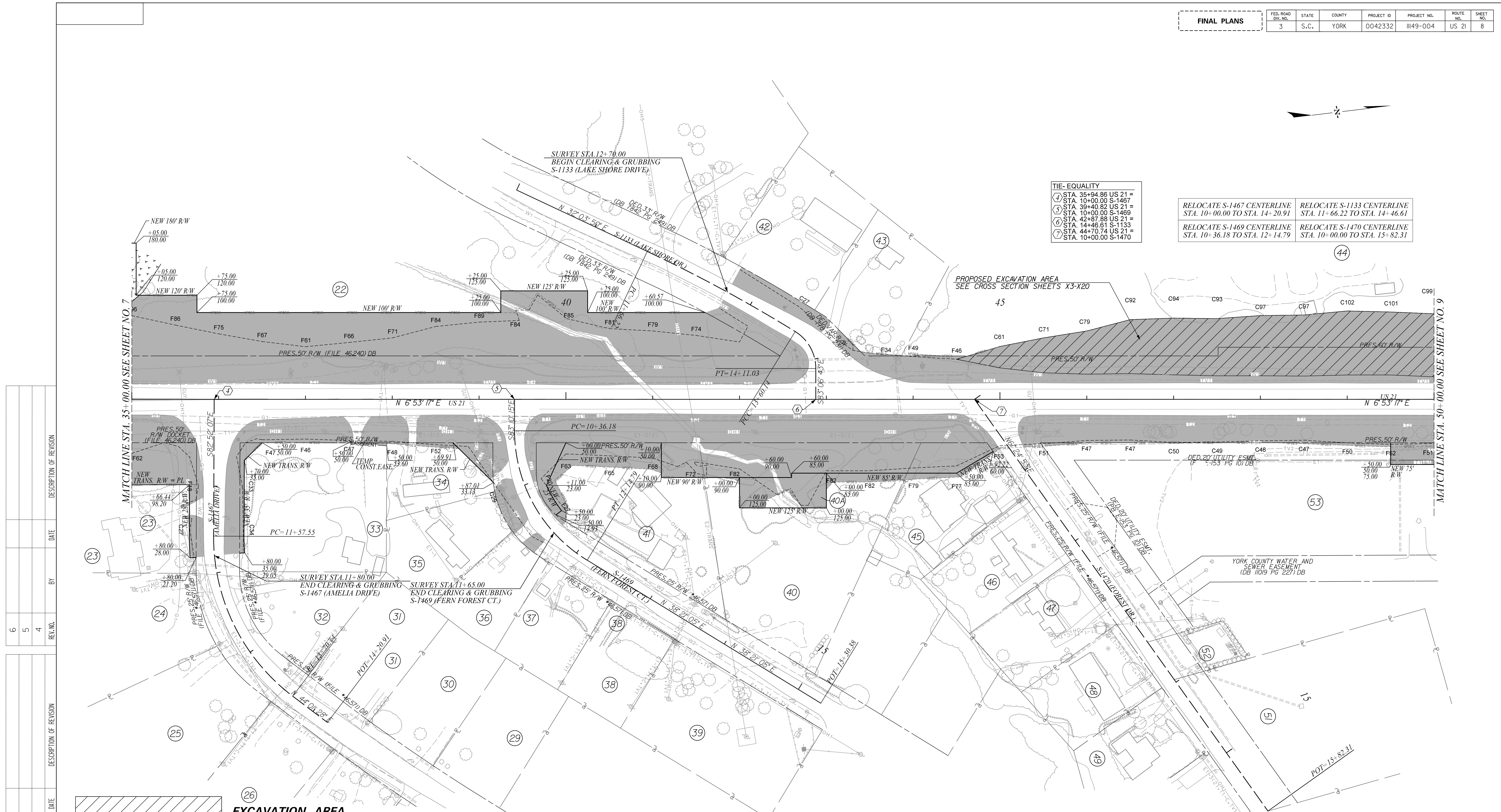
FINAL PLANS		FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	8

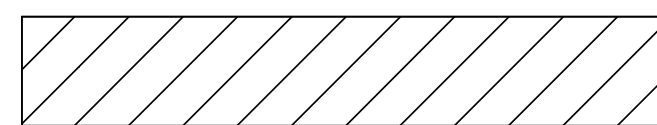



TIE-EQUALITY

④	STA. 35+94.86 US 21 = STA. 10+00.00 S-1467
⑤	STA. 38+40.82 US 21 = STA. 10+00.00 S-1469
⑥	STA. 42+87.88 US 21 = STA. 14+46.61 S-1133
⑦	STA. 44+70.74 US 21 = STA. 10+00.00 S-1470

RELOCATE S-1467 CENTERLINE STA. 10+00.00 TO STA. 14+20.91	RELOCATE S-1133 CENTERLINE STA. 11+66.22 TO STA. 14+46.61
RELOCATE S-1469 CENTERLINE STA. 10+36.18 TO STA. 12+14.79	RELOCATE S-1470 CENTERLINE STA. 10+00.00 TO STA. 15+82.31



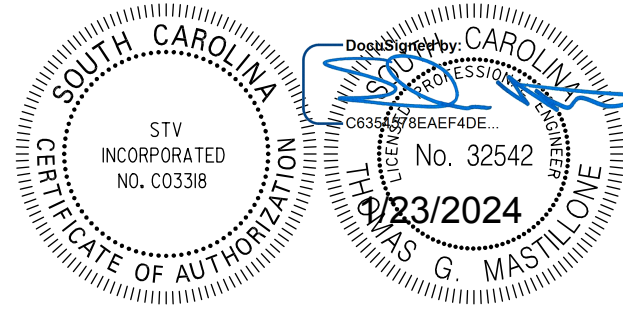
 **EXCAVATION AREA**

 **CLEARING & GRUBBING AREA**

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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YORK COUNTY
 SOUTH CAROLINA

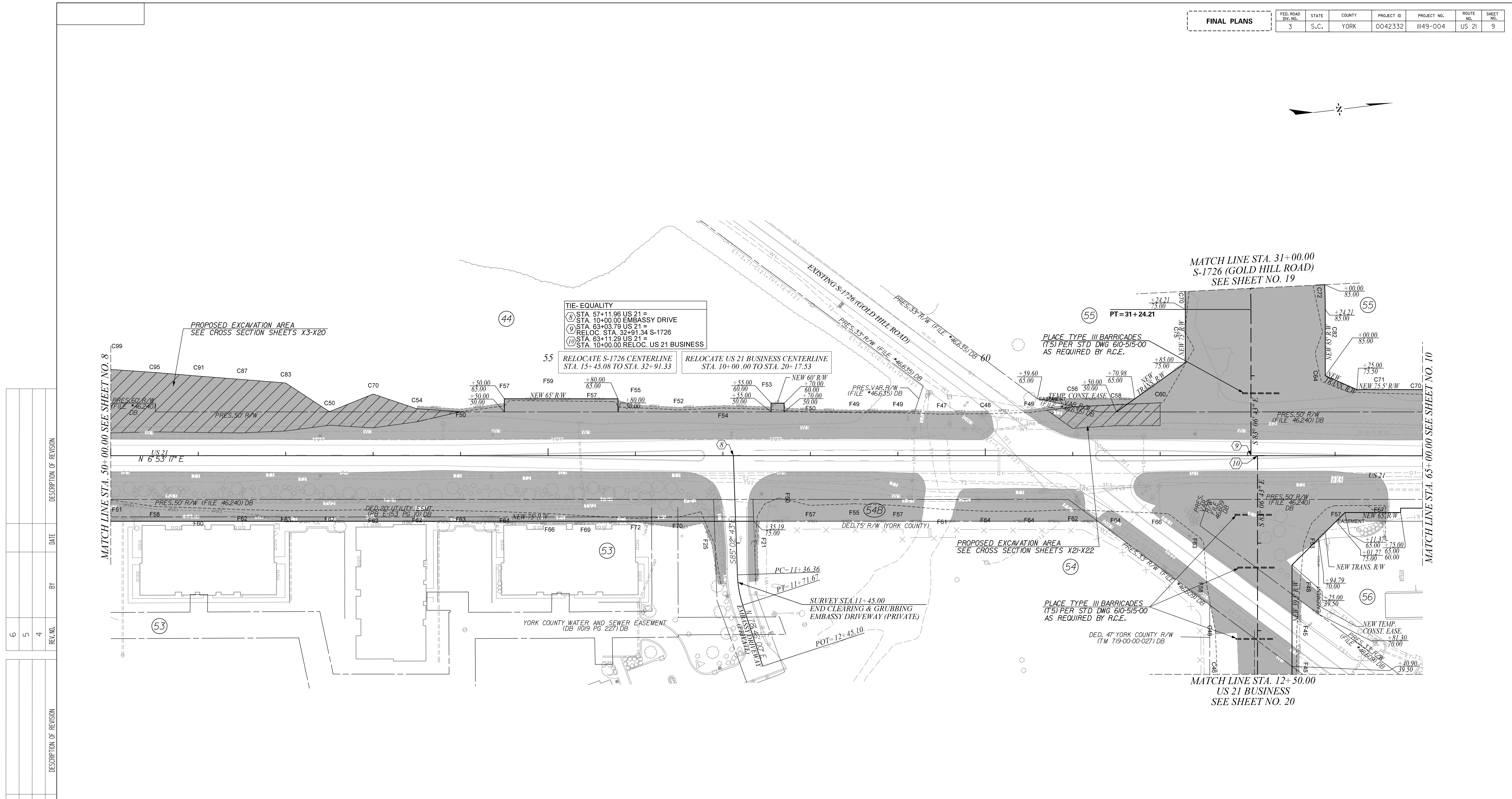
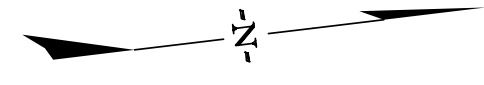
US 21 NORTH PHASE 1 & SC 51

CLEARING & GRUBBING PLANS

SCALE 1" = 50' RTE. US 21 DWG. NO. 8

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FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	9



TIE-EQUALITY
 (8) STA. 57+11.96 US 21 =
 (9) STA. 10+00.00 EMBASSY DRIVE
 (10) STA. 63+03.79 US 21 =
 RELOC. STA. 32+91.34 S-1726
 (10) STA. 63+11.29 US 21 =
 STA. 10+00.00 RELOC. US 21 BUSINESS

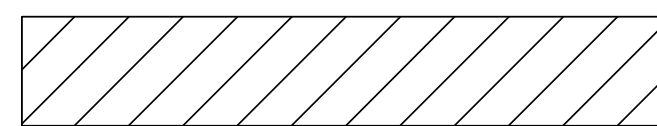
55 RELOCATE S-1726 CENTERLINE
 STA. 15+45.08 TO STA. 32+91.33


RELOCATE US 21 BUSINESS CENTERLINE
 STA. 10+00.00 TO STA. 20+17.33

PLACE TYPE III BARRICADES
 (T5) PER STD DWG 610-515-00
 AS REQUIRED BY R.C.E.

PLACE TYPE III BARRICADES
 (T5) PER STD DWG 610-515-00
 AS REQUIRED BY R.C.E.

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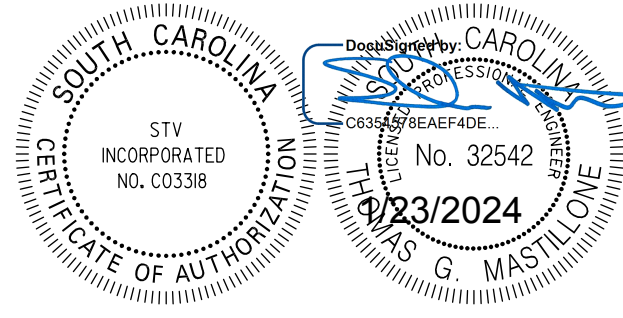
 **EXCAVATION AREA**

 **CLEARING & GRUBBING AREA**

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

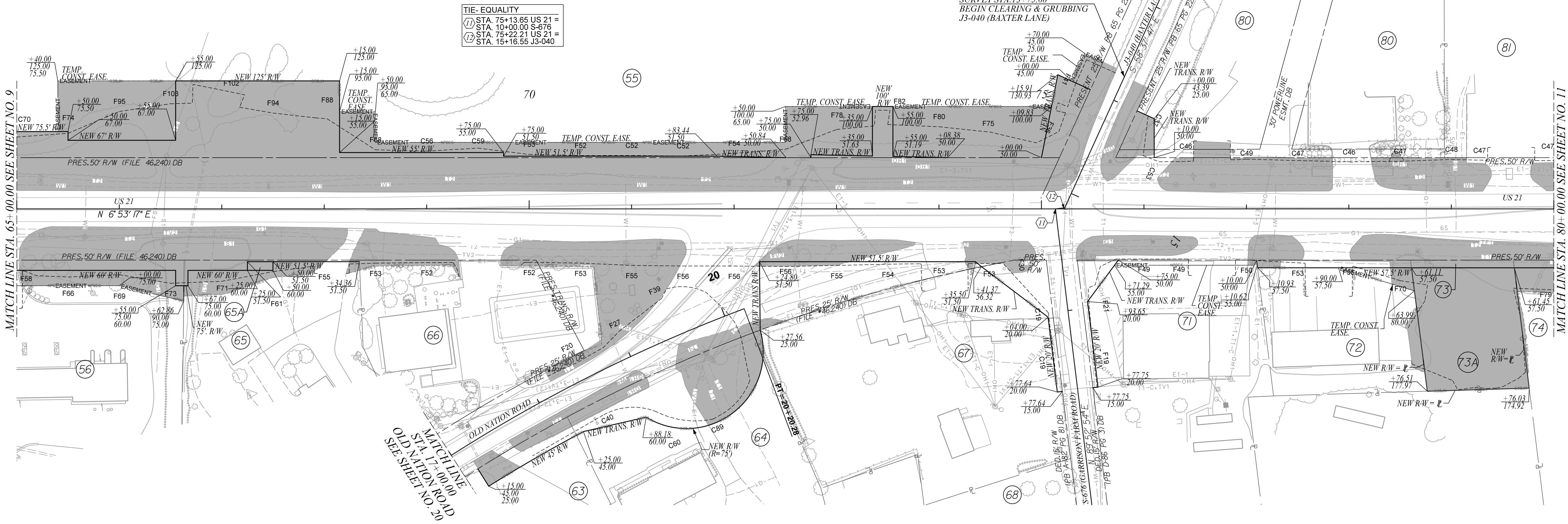
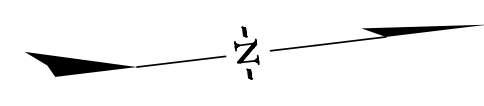


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YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 CLEARING & GRUBBING PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 9

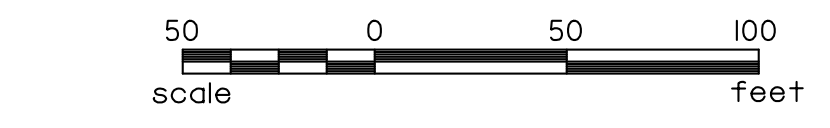


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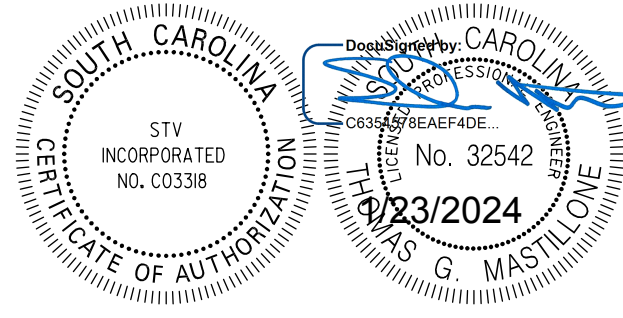
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3	2/10/2021	REVISED DRIVEWAY TR.66 AND CONC. MEDIAN
2	9/18/2020	TR. 72/73: ADDED DRIVEWAY PIPE AND D/24X36"
1	7/23/2020	REMOVED YARD INLET FROM TR. 66

CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



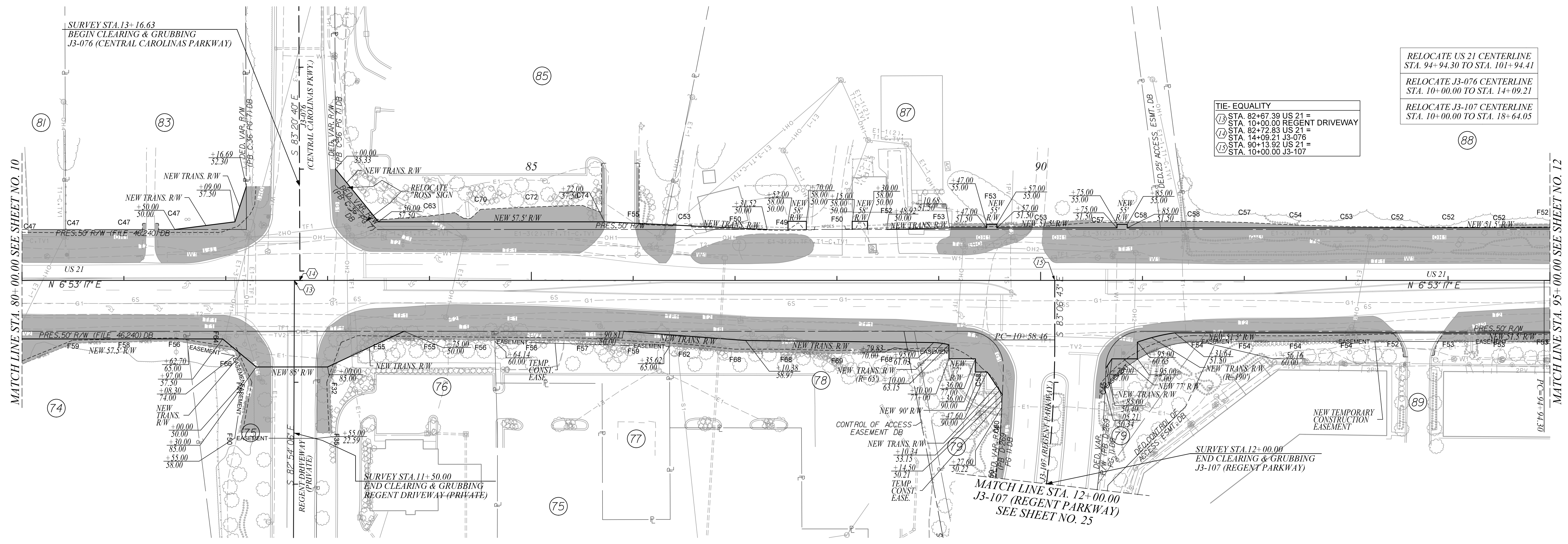
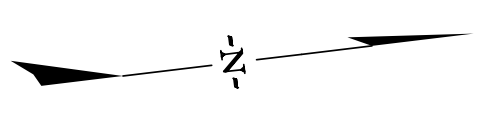
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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YORK COUNTY SOUTH CAROLINA			
US 21 NORTH PHASE 1 & SC 51			
CLEARING & GRUBBING PLANS			
SCALE 1" = 50'	RTE. US 21	DWG. NO. 10	

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	II



TIE-EQUALITY

- ⑬ STA. 82+67.39 US 21 =
- ⑭ STA. 10+00.00 REGENT DRIVEWAY
- ⑮ STA. 82+72.83 US 21 =
- ⑯ STA. 14+09.21 J3-076
- ⑰ STA. 90+13.92 US 21 =
- ⑱ STA. 10+00.00 J3-107

- RELOCATE US 21 CENTERLINE STA. 94+94.30 TO STA. 101+94.41
- RELOCATE J3-076 CENTERLINE STA. 10+00.00 TO STA. 14+09.21
- RELOCATE J3-107 CENTERLINE STA. 10+00.00 TO STA. 18+64.05

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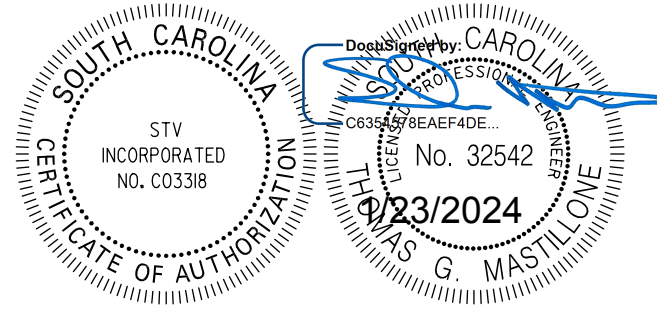
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



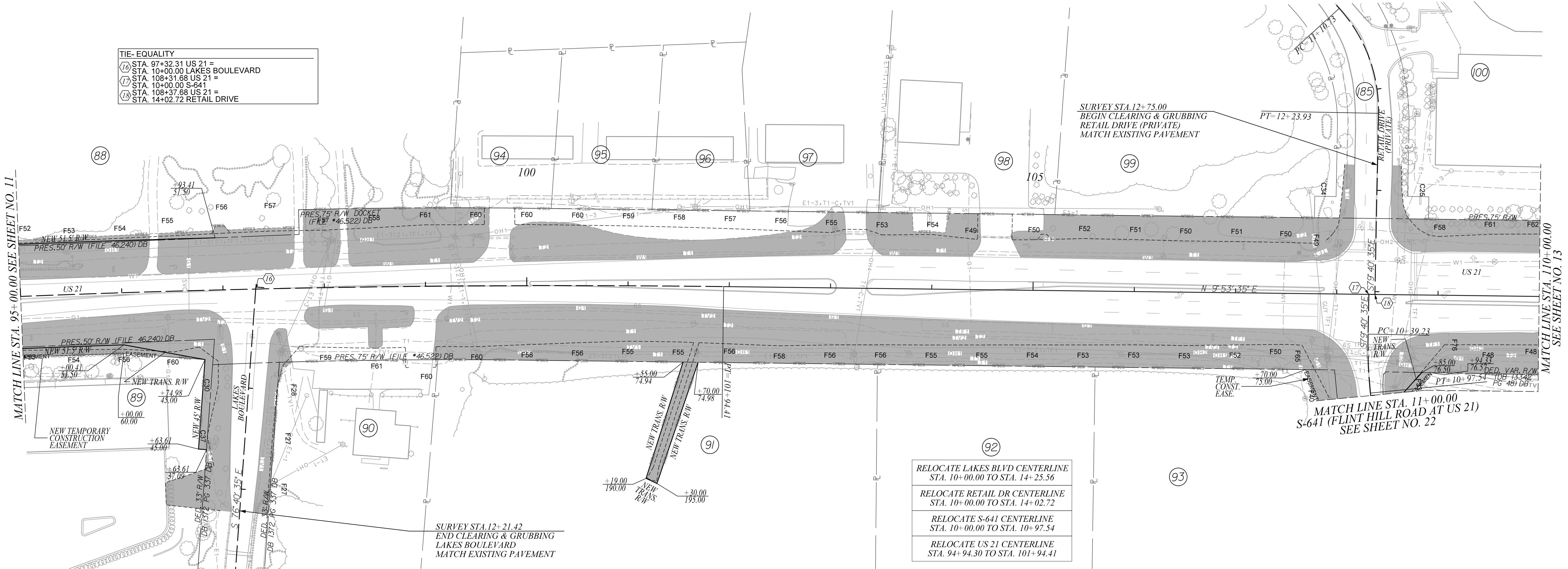
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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. US 21 DWG. NO. 11

FINAL PLANS		FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	12

TIE-EQUALITY

16	STA. 97+32.31 US 21 =
16	STA. 10+00.00 LAKES BOULEVARD
17	STA. 108+31.68 US 21 =
17	STA. 10+00.00 S-641
18	STA. 108+37.68 US 21 =
18	STA. 14+02.72 RETAIL DRIVE



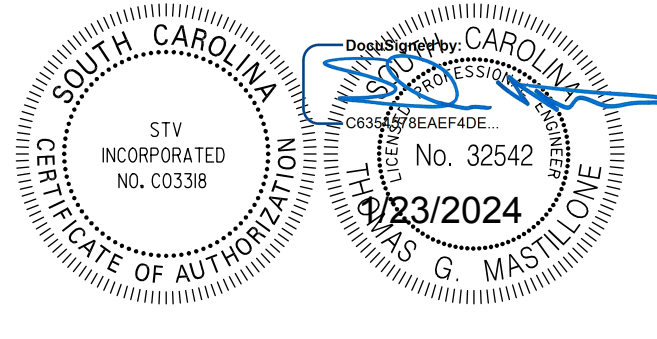
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



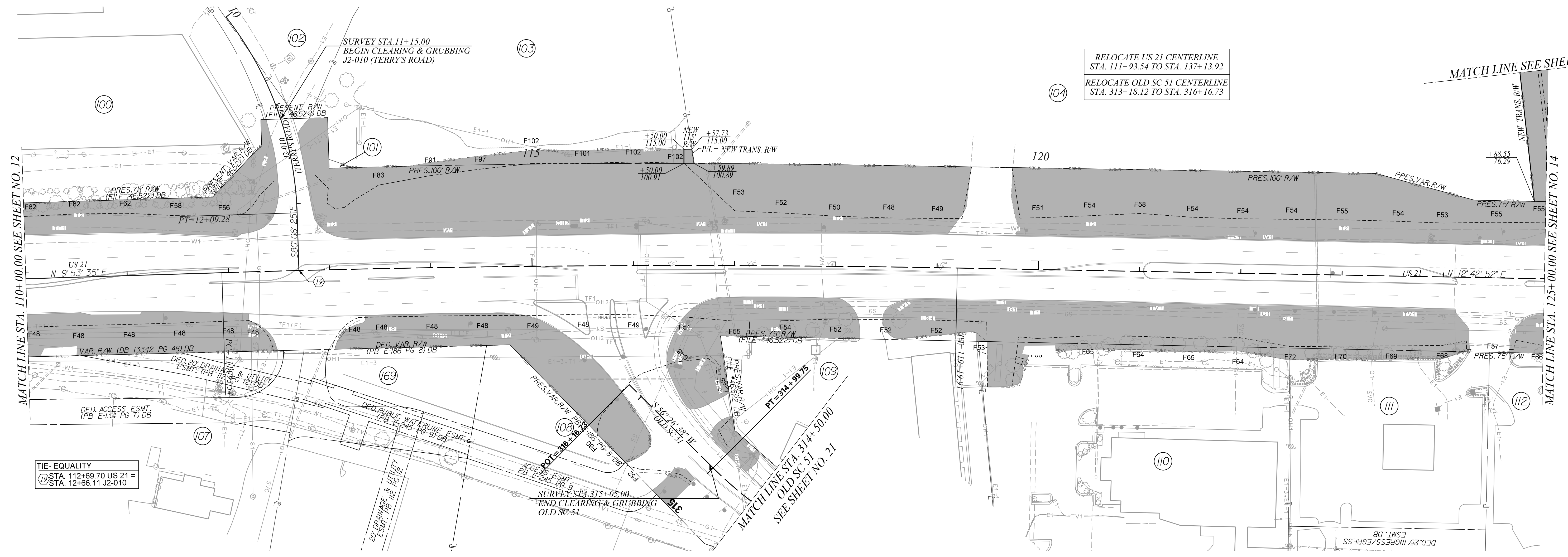
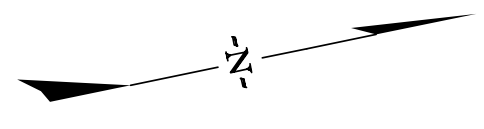
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YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 CLEARING & GRUBBING PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 12

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	13



RELOCATE US 21 CENTERLINE
STA. 111+93.54 TO STA. 137+13.92
RELOCATE OLD SC 51 CENTERLINE
STA. 313+18.12 TO STA. 316+16.73

TIE-EQUALITY
⑩ STA. 112+69.70 US 21 =
STA. 12+66.11 J2-010

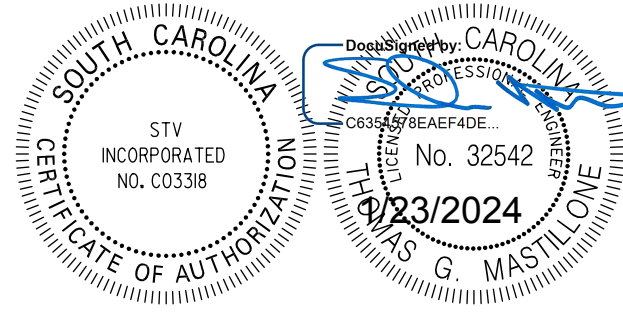
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
454 S. ANDERSON ROAD, SUITE 5
ROCK HILL, SOUTH CAROLINA 29730

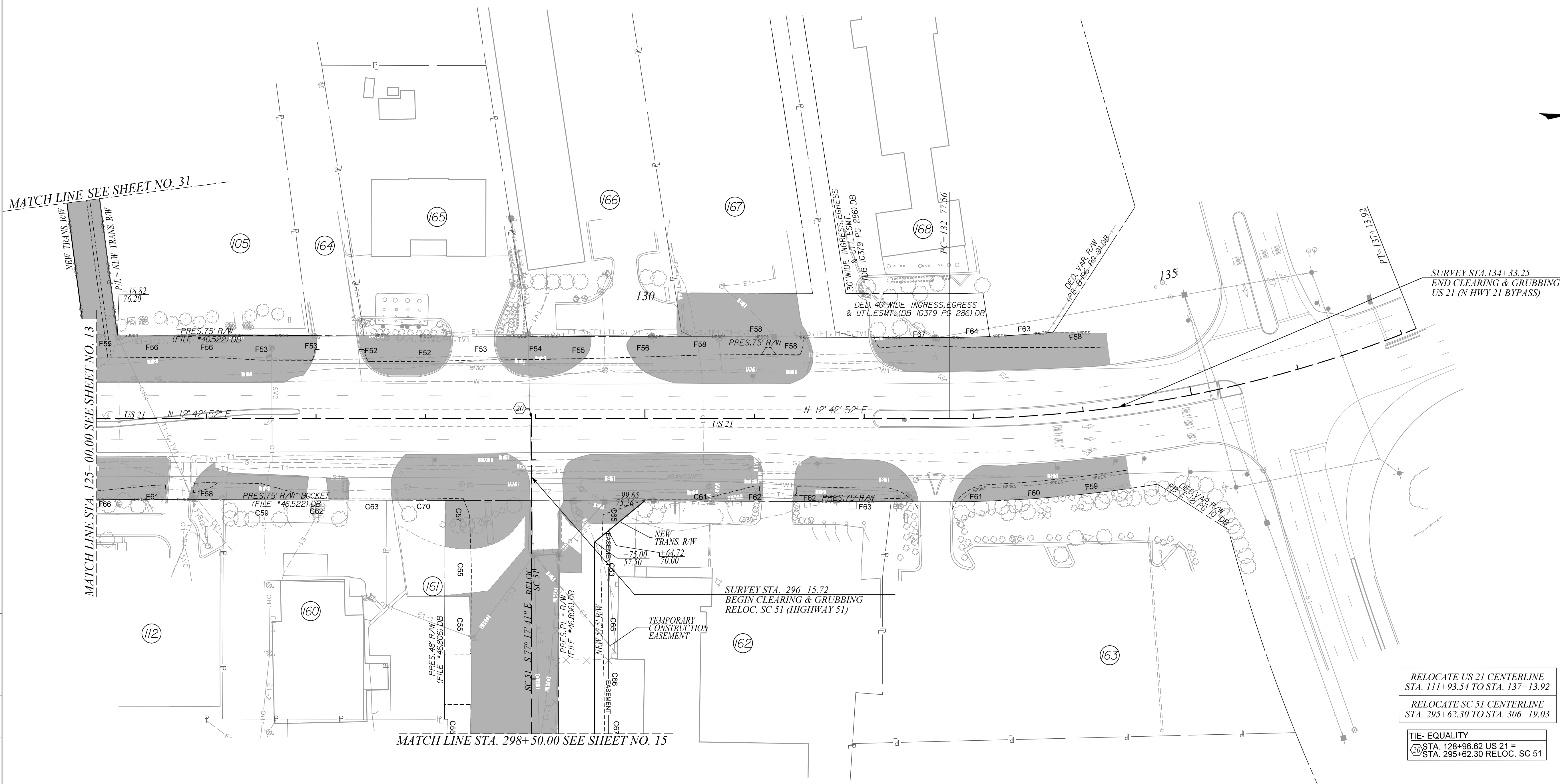


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YORK COUNTY
SOUTH CAROLINA
**US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS**
SCALE 1" = 50' RTE. US 21 DWG. NO. 13

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FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	14



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RELOCATE US 21 CENTERLINE
STA. 111+93.54 TO STA. 137+13.92

RELOCATE SC 51 CENTERLINE
STA. 295+62.30 TO STA. 306+19.03

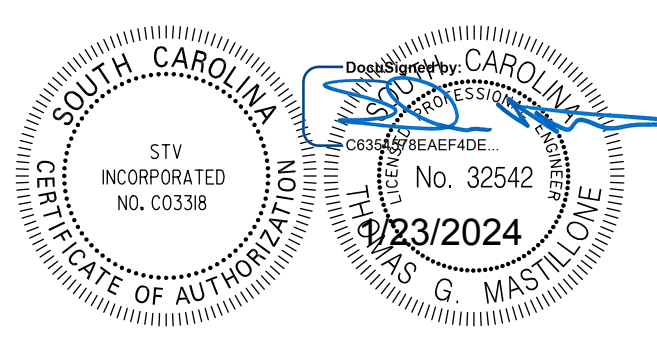
TIE- EQUALITY
②0 STA. 128+96.62 US 21 =
STA. 295+62.30 RELOC. SC 51

CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
454 S. ANDERSON ROAD, SUITE 5
ROCK HILL, SOUTH CAROLINA 29730



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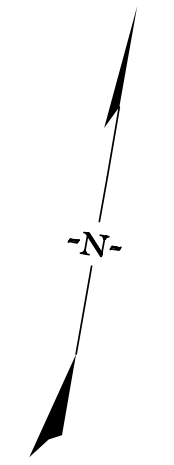
YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS**

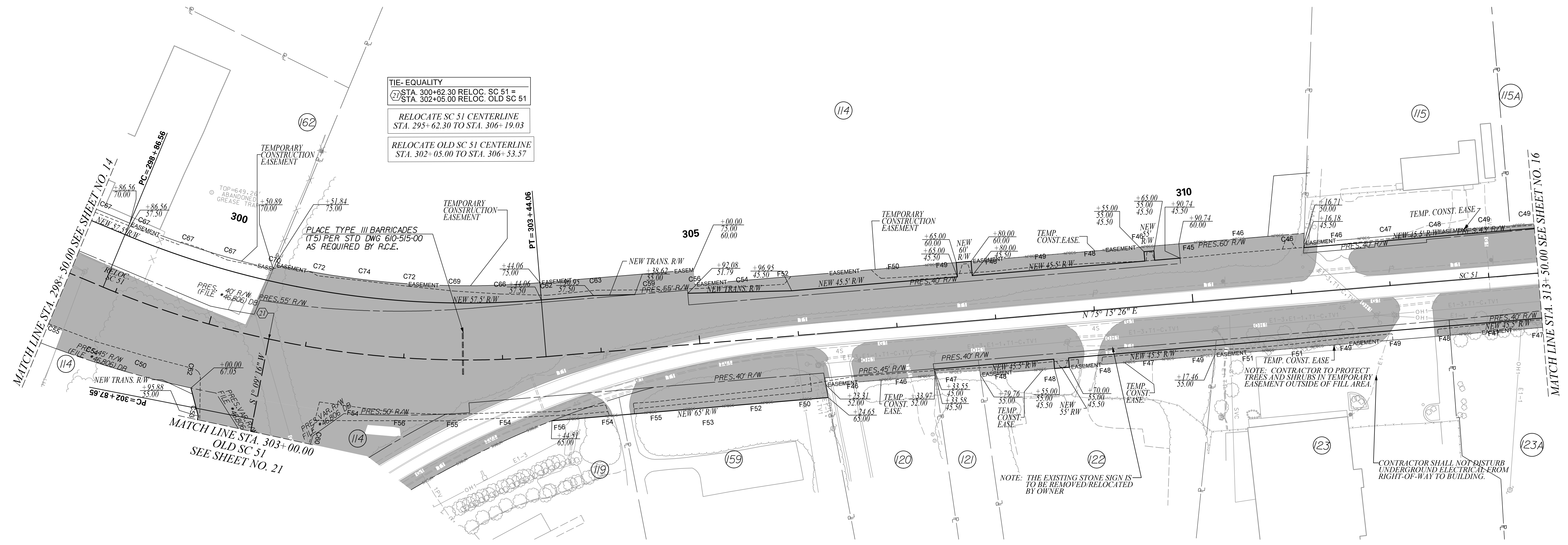
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FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	SC 51	15



TIE- EQUALITY
 (27) STA. 300+62.30 RELOC. SC 51 =
 STA. 302+05.00 RELOC. OLD SC 51
 RELOCATE SC 51 CENTERLINE
 STA. 295+62.30 TO STA. 306+19.03
 RELOCATE OLD SC 51 CENTERLINE
 STA. 302+05.00 TO STA. 306+53.57



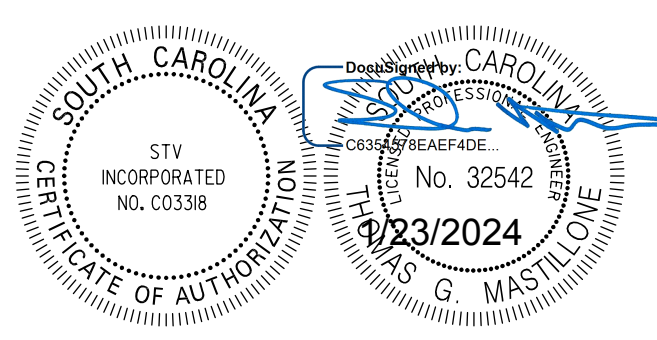
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CLEARING & GRUBBING AREA

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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

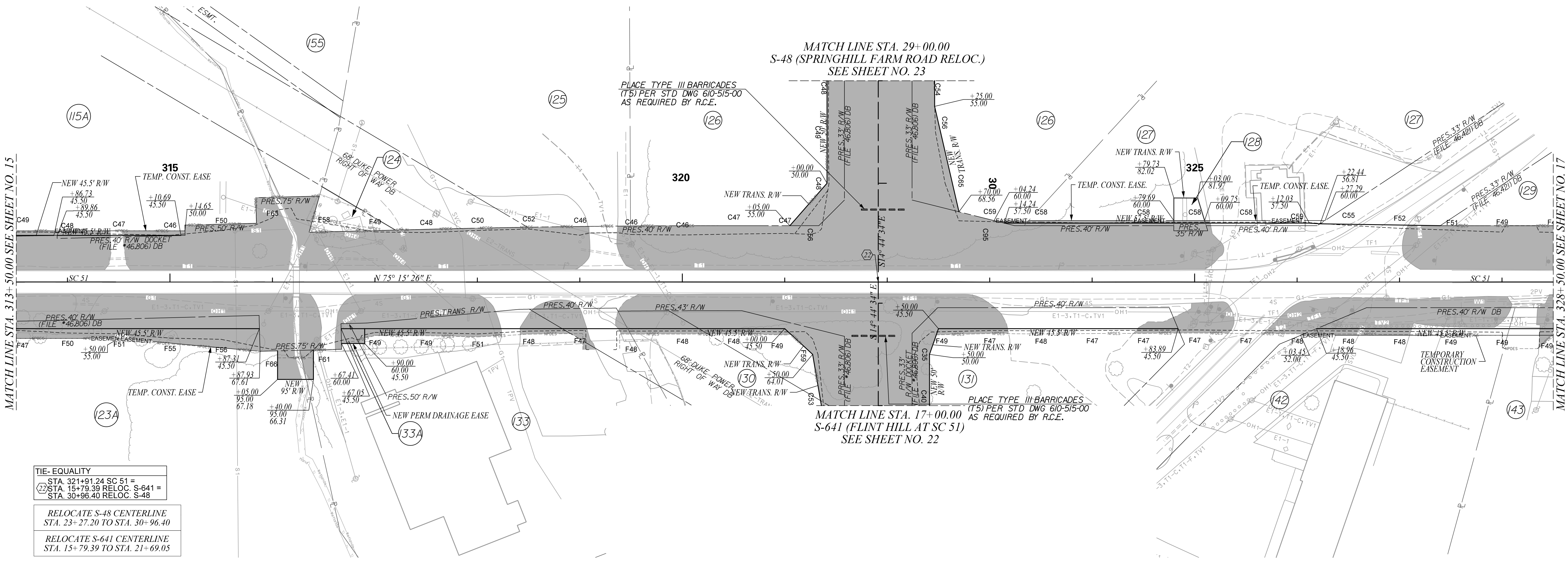
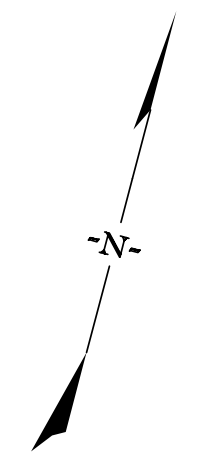


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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. SC 51 DWG. NO. 15

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FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	SC 51	16



TIE-EQUALITY
 STA. 321+91.24 SC 51 =
 STA. 15+79.39 RELOC. S-641 =
 STA. 30+96.40 RELOC. S-48

RELOCATE S-48 CENTERLINE
 STA. 23+27.20 TO STA. 30+96.40

RELOCATE S-641 CENTERLINE
 STA. 15+79.39 TO STA. 21+69.05

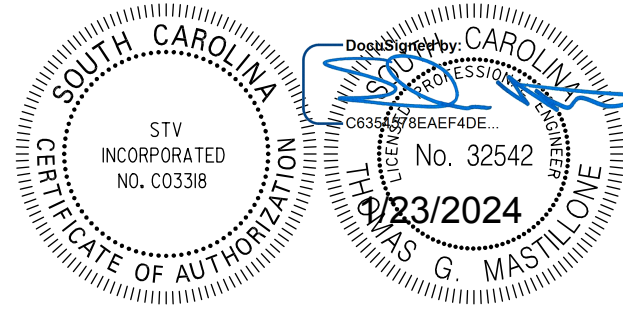
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CLEARING & GRUBBING AREA

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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



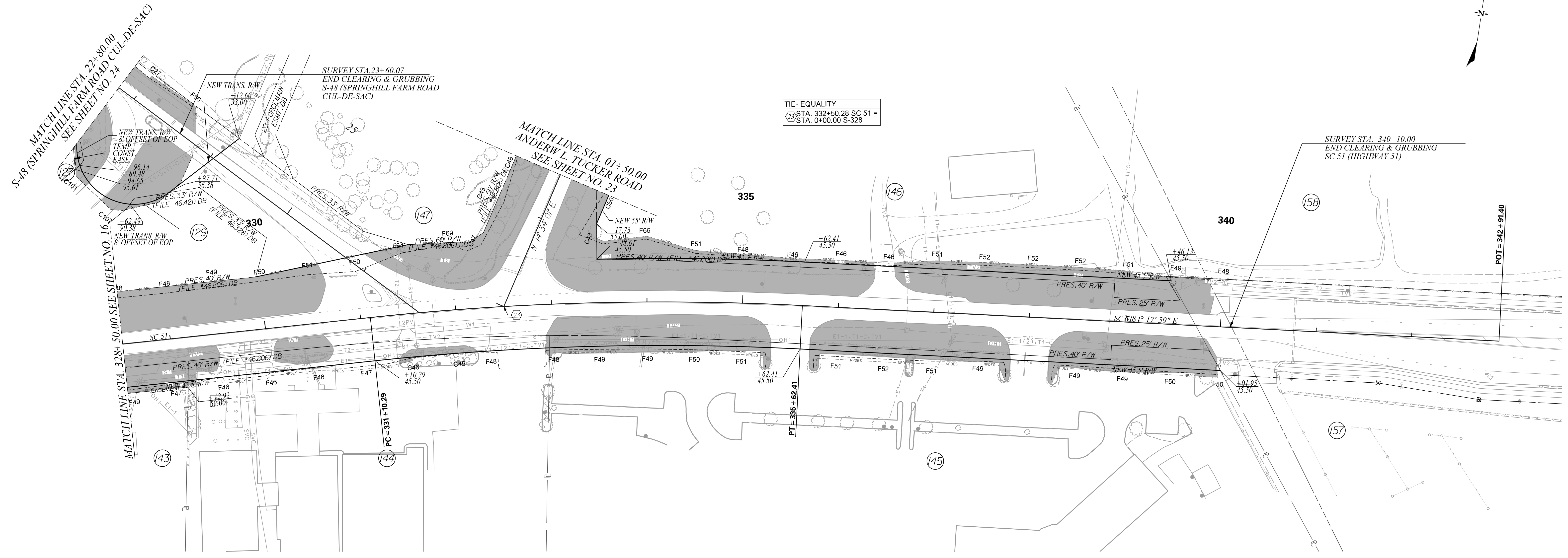
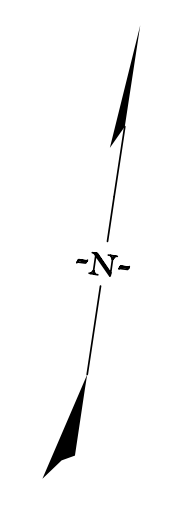
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YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 CLEARING & GRUBBING PLANS**

SCALE 1" = 50' RTE. SC 51 DWG. NO. 16

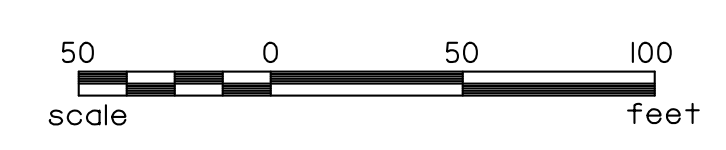
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		3	S.C.	YORK	0042332	III49-004	SC 51	17



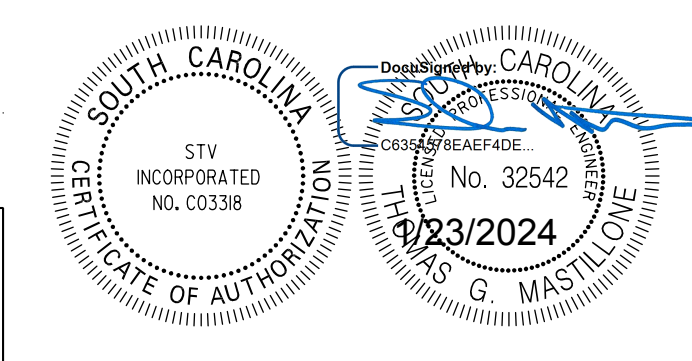
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



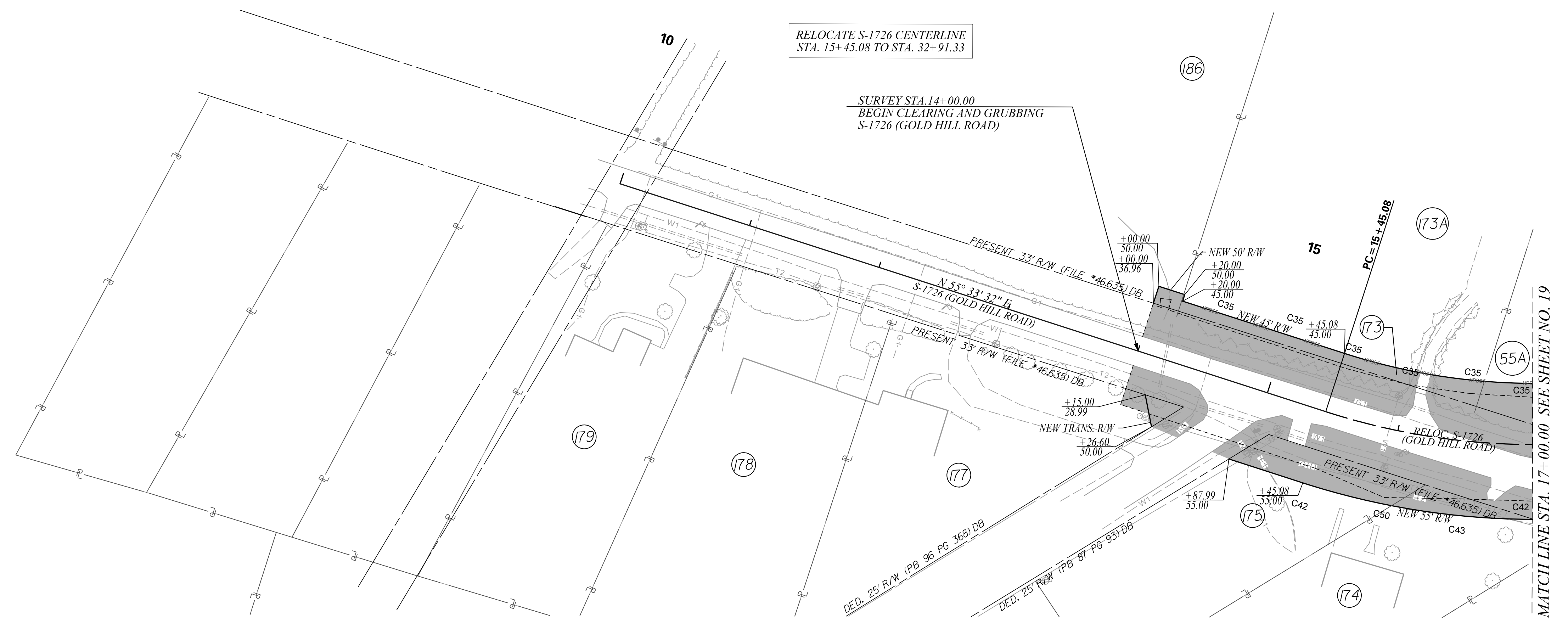
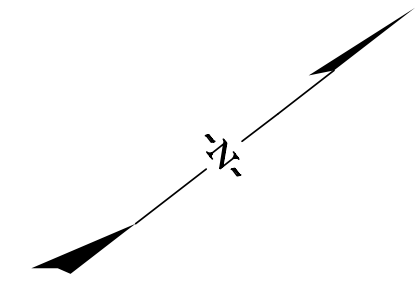
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. SC 51 DWG. NO. 17

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	S-1726	18



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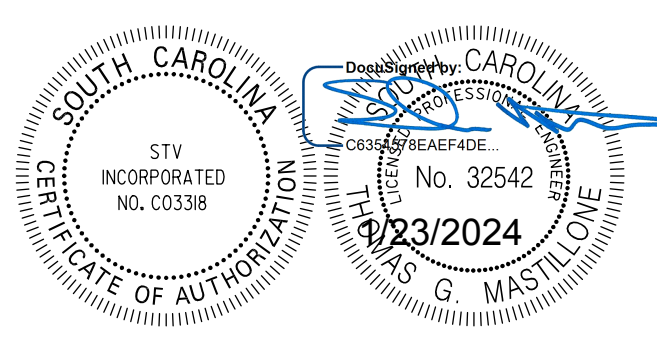
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

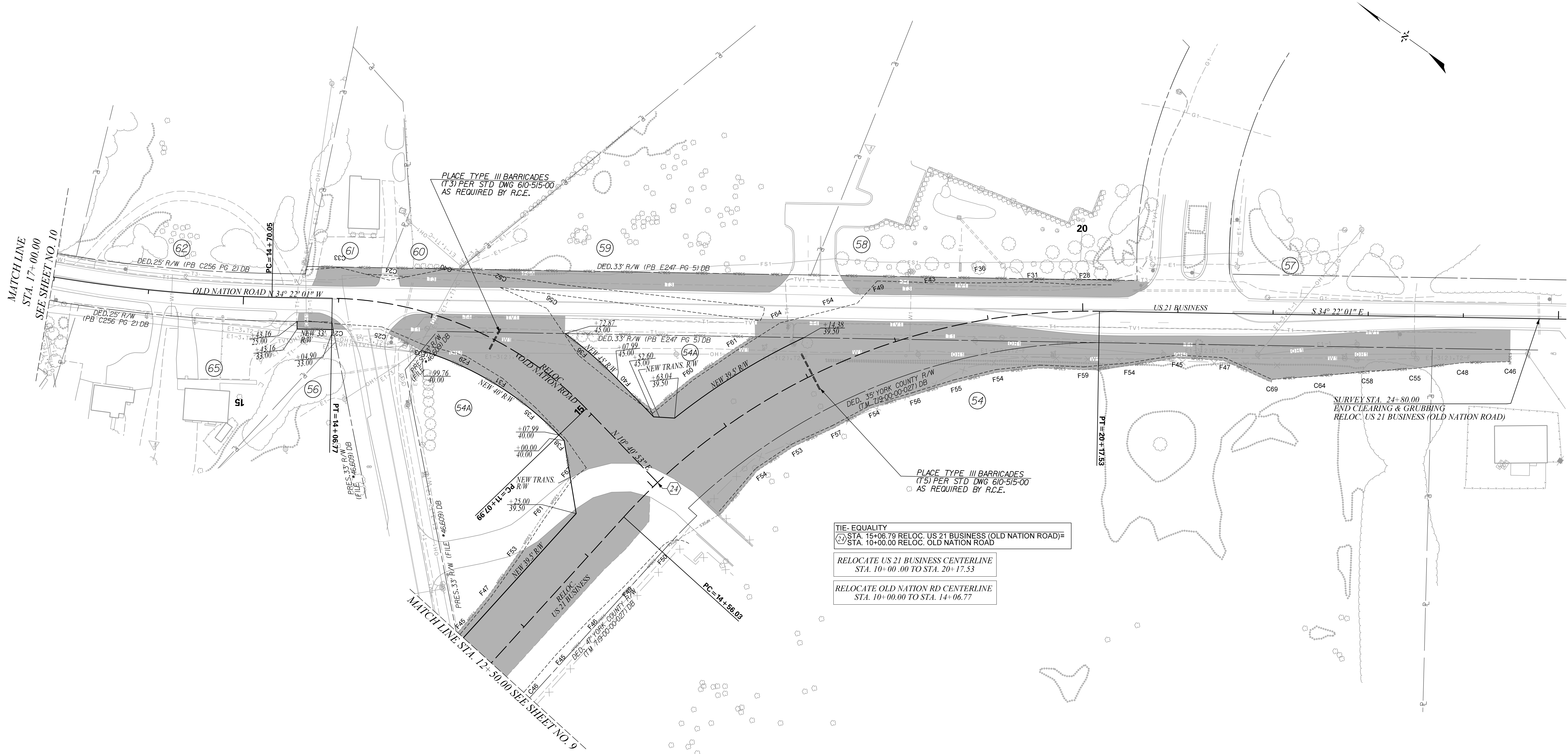


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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. S-1726 DWG. NO. 18

MATCH LINE STA. 17+00.00 SEE SHEET NO. 19

FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 BUS	20



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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 INCORPORATED
 NO. C03398
 CERTIFICATE OF AUTHORITY

SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 No. 32542
 10/23/2024
 G. MASTILORE

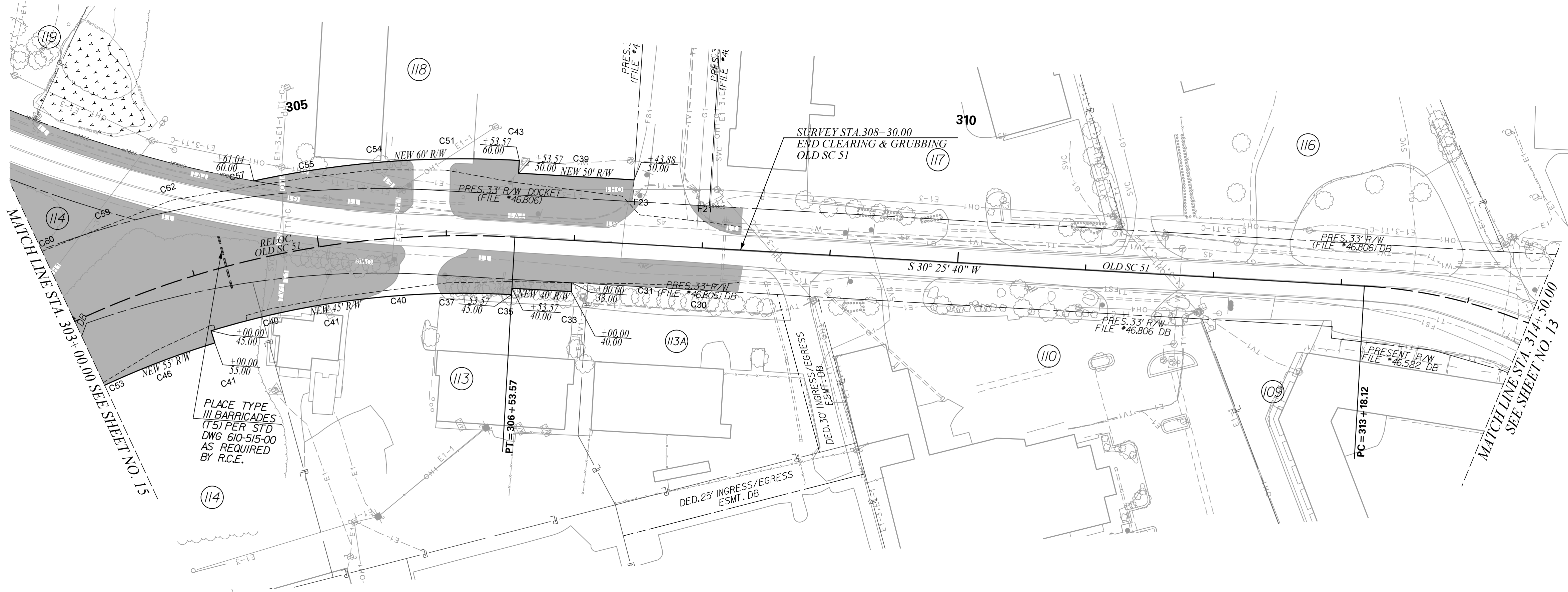
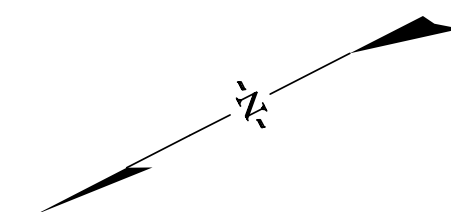
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YORK COUNTY
 SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
 CLEARING & GRUBBING PLANS**

SCALE 1" = 50' RTE. US 21 BUS DWG. NO. 20

FINAL PLANS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO. OLD SC 51
3	S.C.	YORK	0042332	11149-004	21



RELOCATE OLD SC 51 CENTERLINE
 STA. 302+05.00 TO STA. 306+53.57
 STA. 313+18.12 TO STA. 316+16.73

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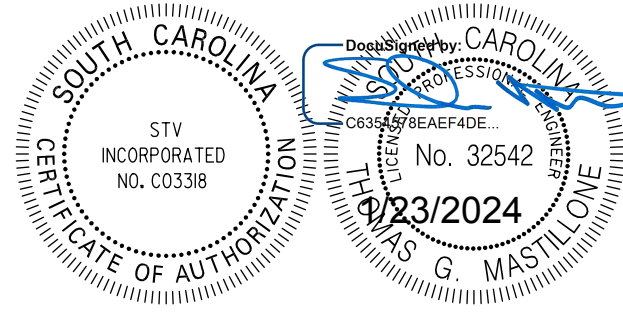
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

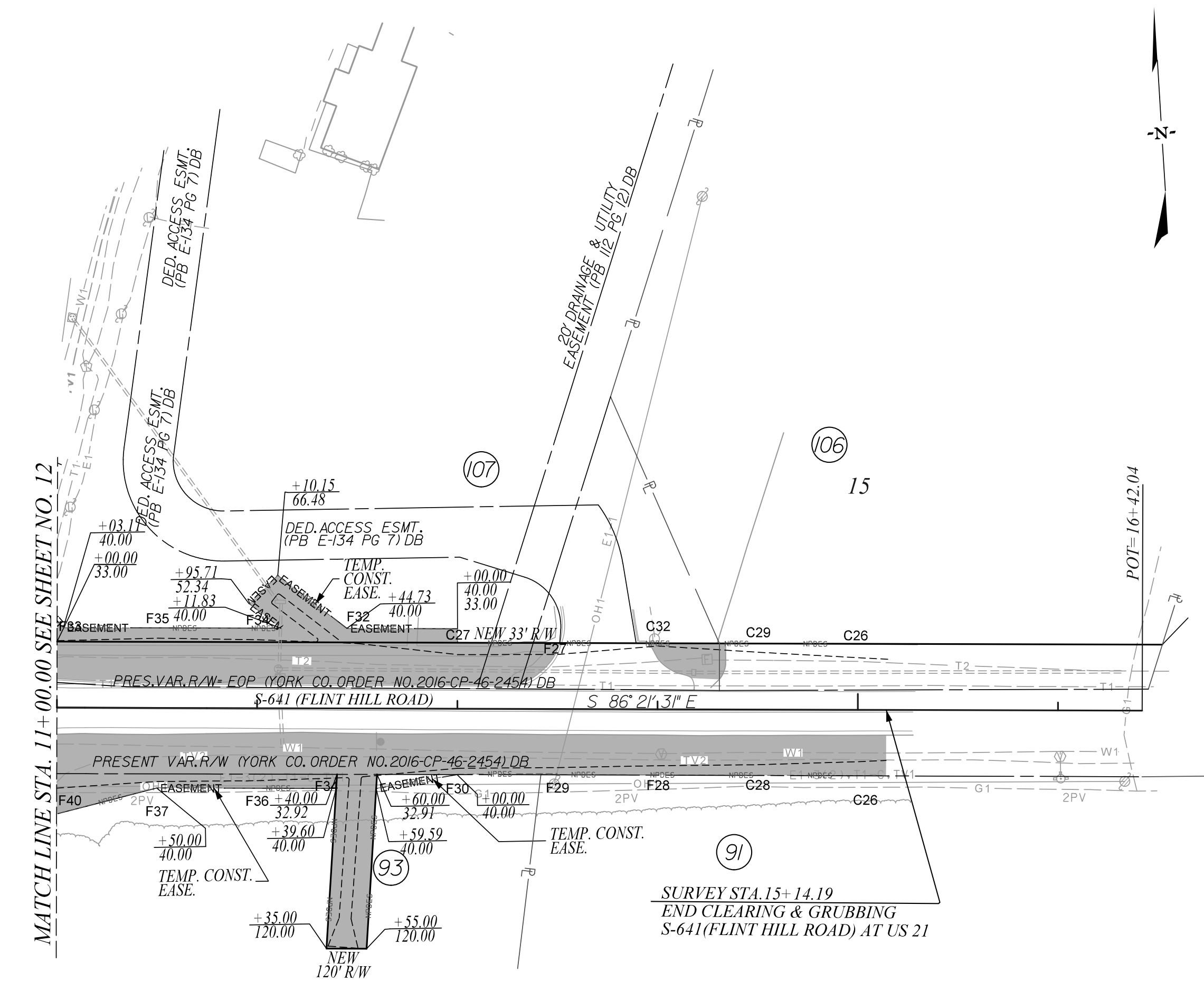
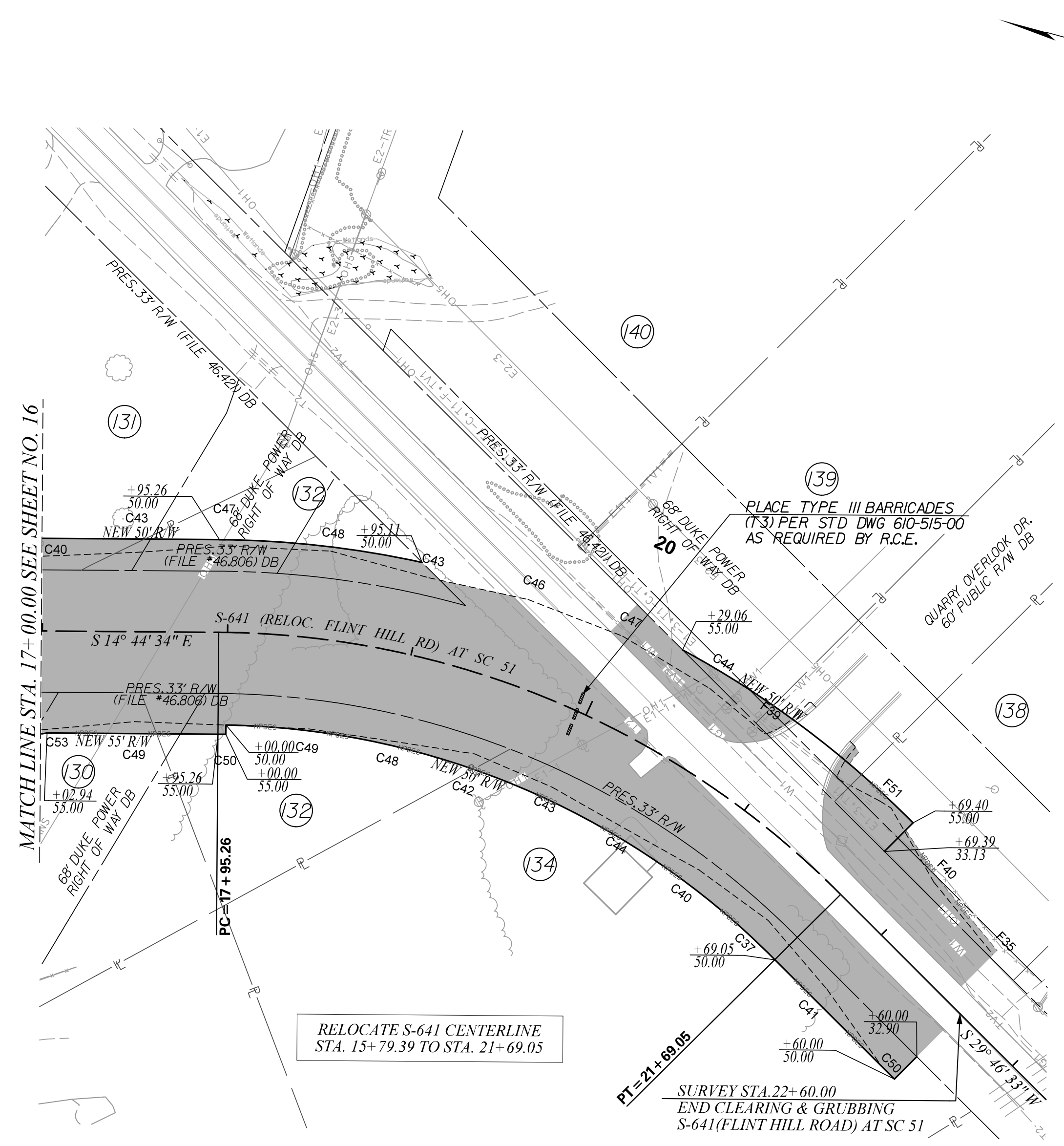


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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. OLD SC 51 DWG. NO. 21

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FINAL PLANS		FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	11149-004	S-641	22



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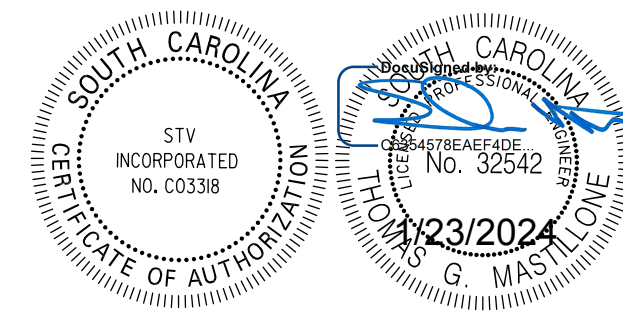
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



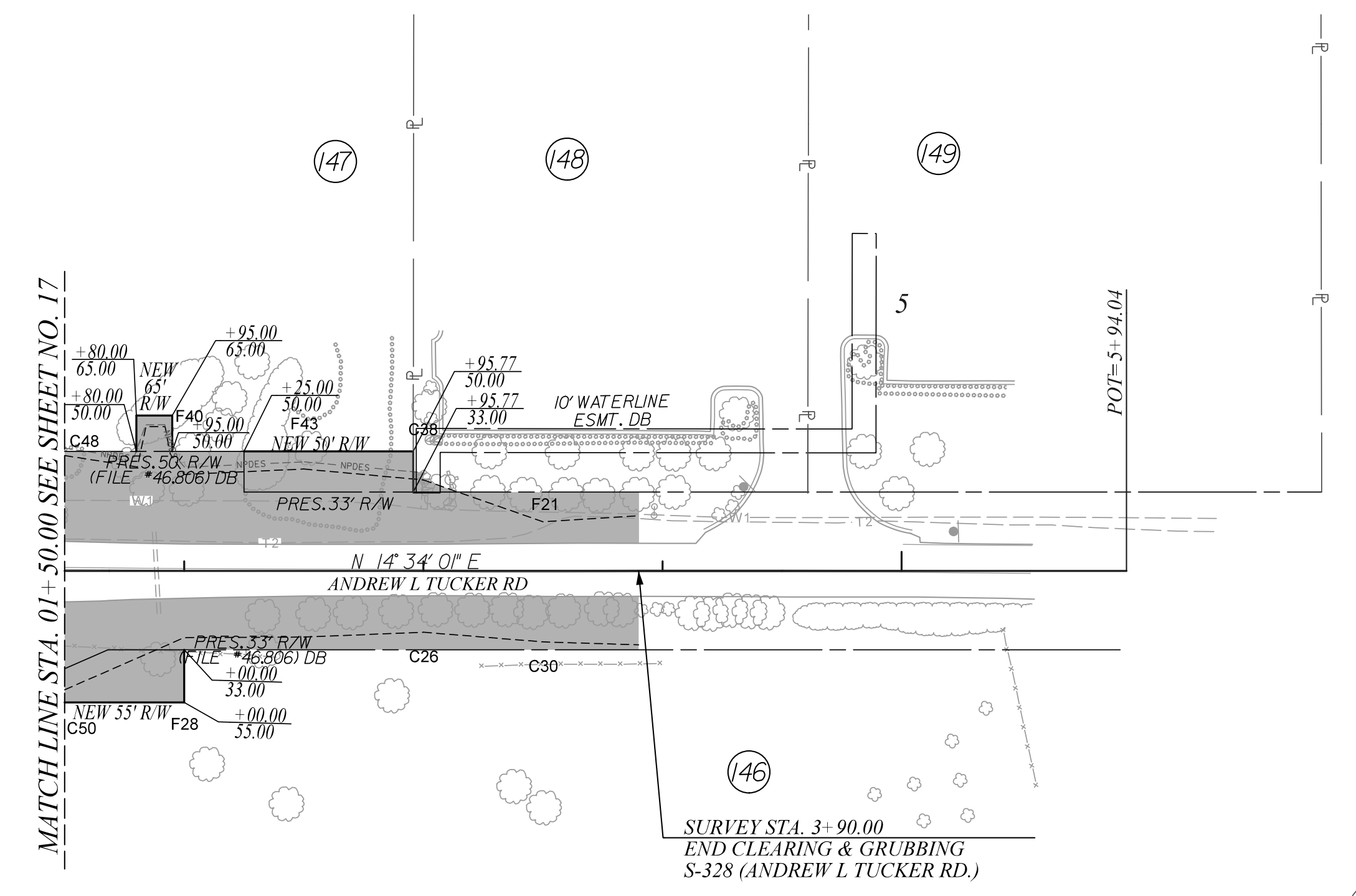
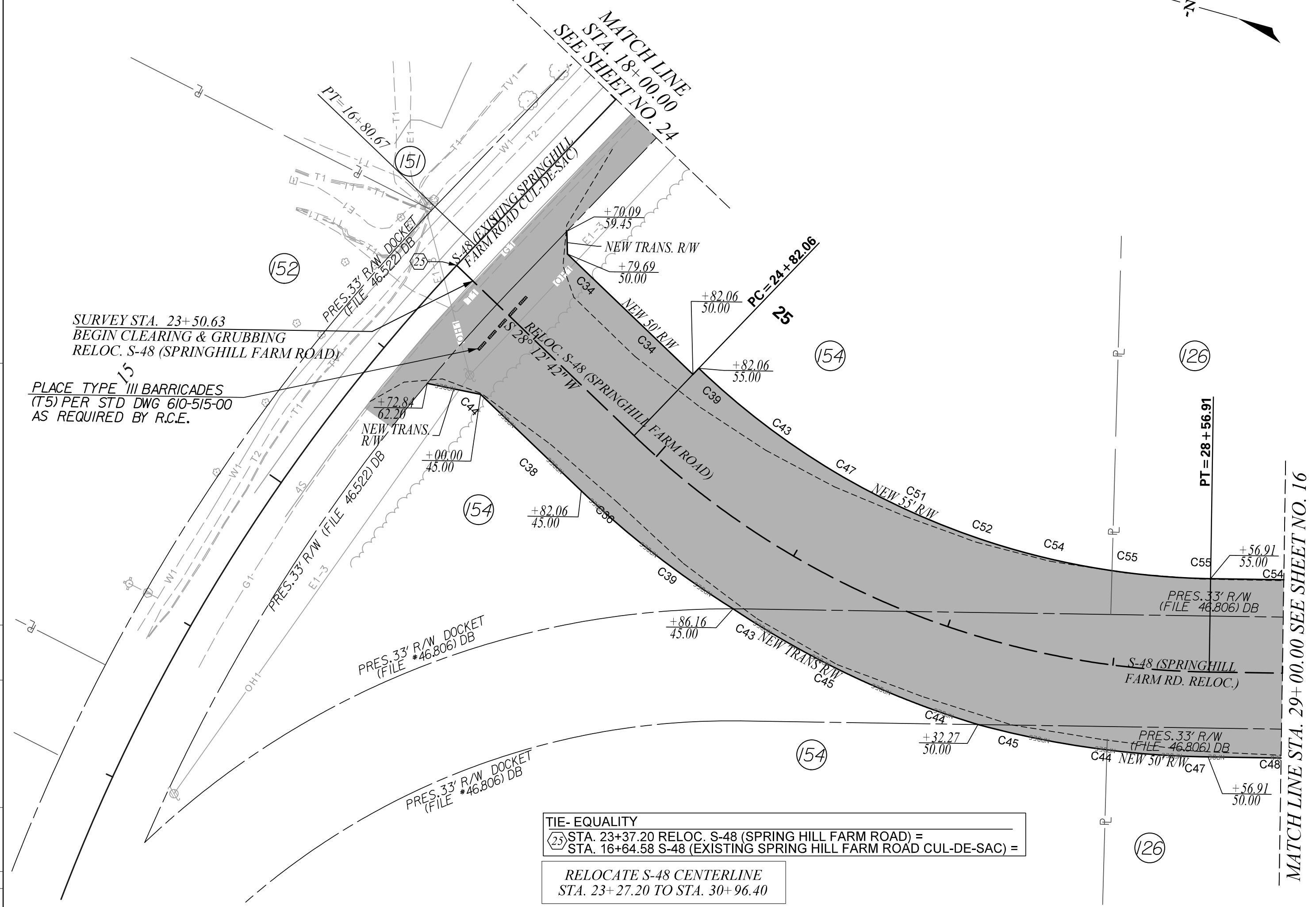
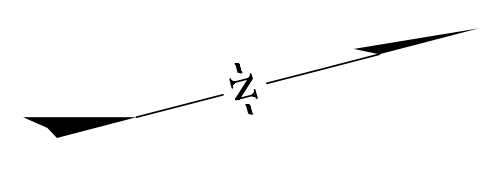
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 464 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730



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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. S-641 DWG. NO. 22

FINAL PLANS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.
3	S.C.	YORK	0042332	III49-004	S-48 S-328
					SHEET NO.
					23



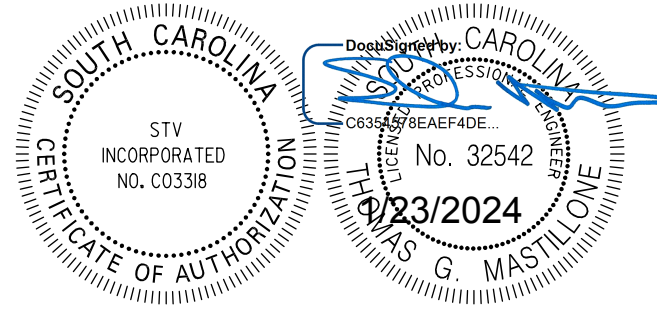
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



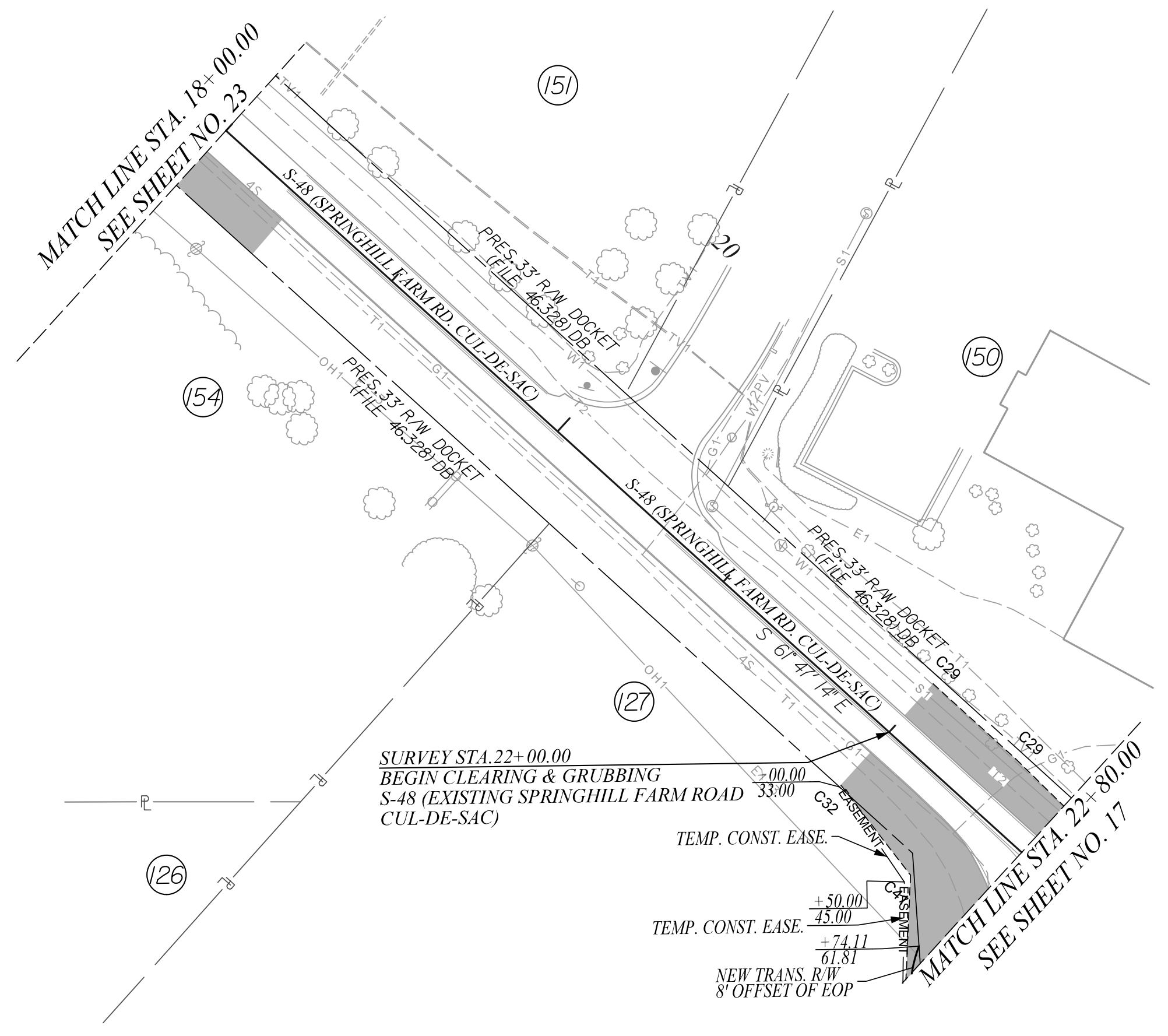
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. S-48/S-328 DWG. NO. 23

FINAL PLANS						
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	S-48	24



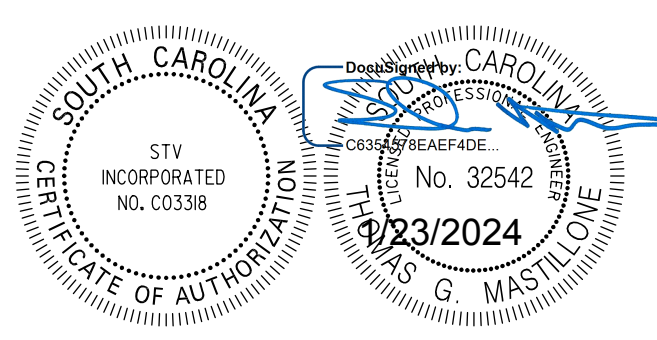
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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



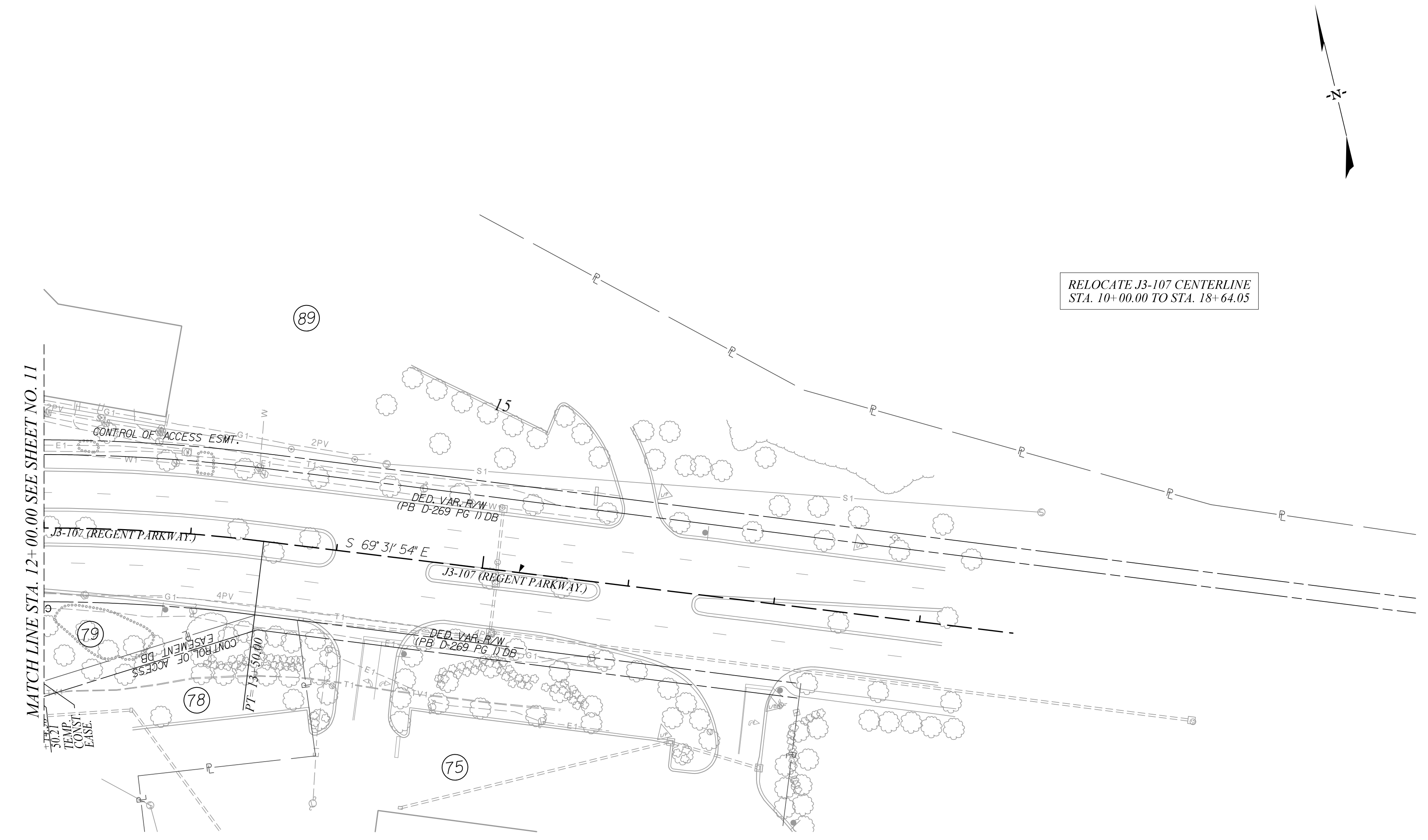
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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. S-48 DWG. NO. 24

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FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	J3-107	25

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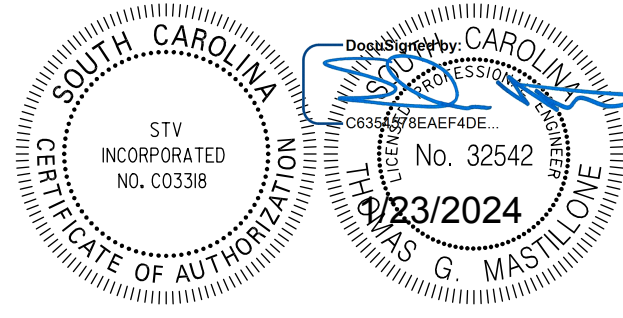
RELOCATE J3-107 CENTERLINE
STA. 10+00.00 TO STA. 18+64.05

CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

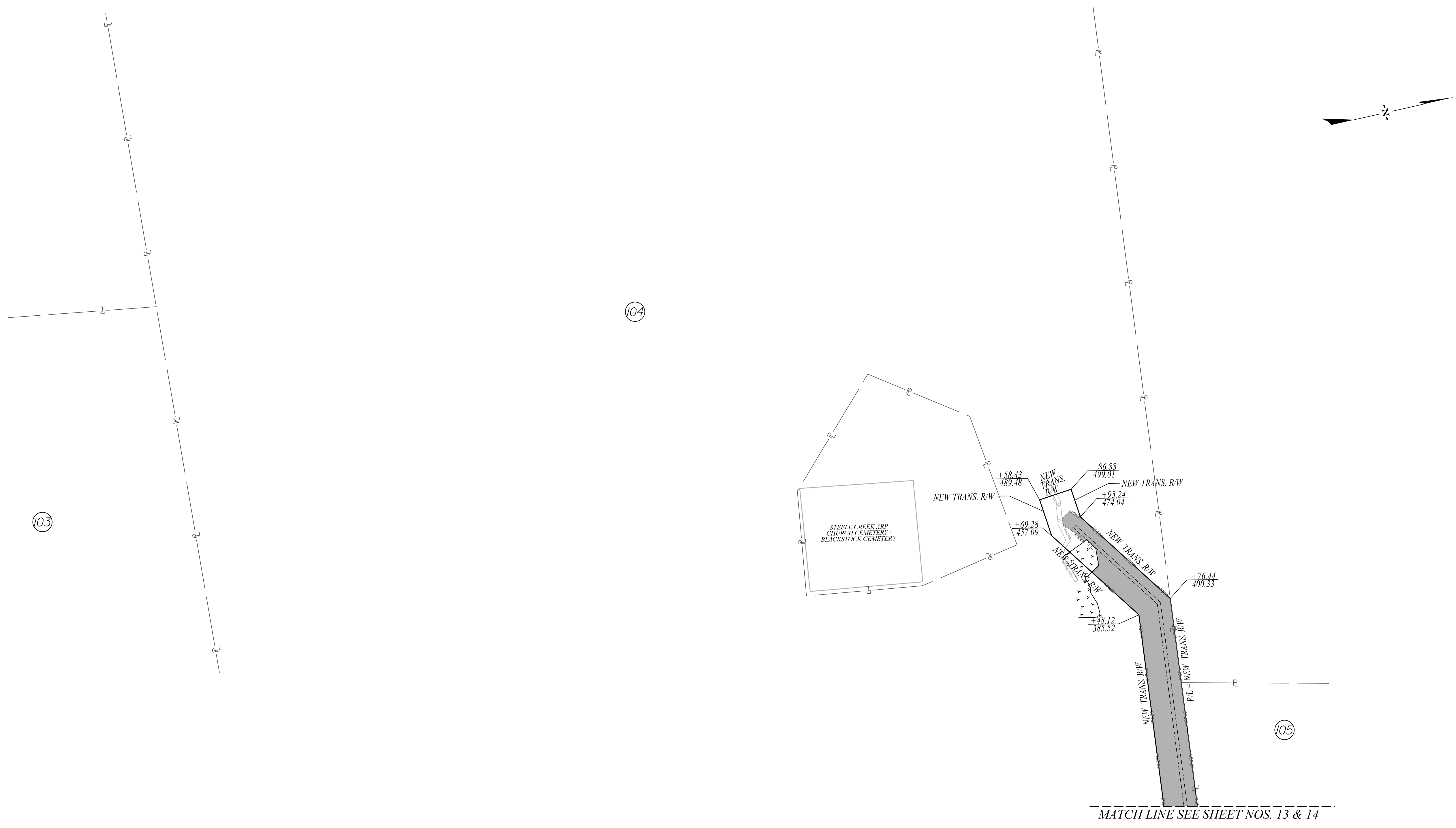


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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. J3-107 DWG. NO. 25

FINAL PLANS

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	31



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CLEARING & GRUBBING AREA

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 No. 32542
 10/23/2024
 G. MASTILOU

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING PLANS
 SCALE 1" = 50' RTE. US 21 DWG. NO. 31

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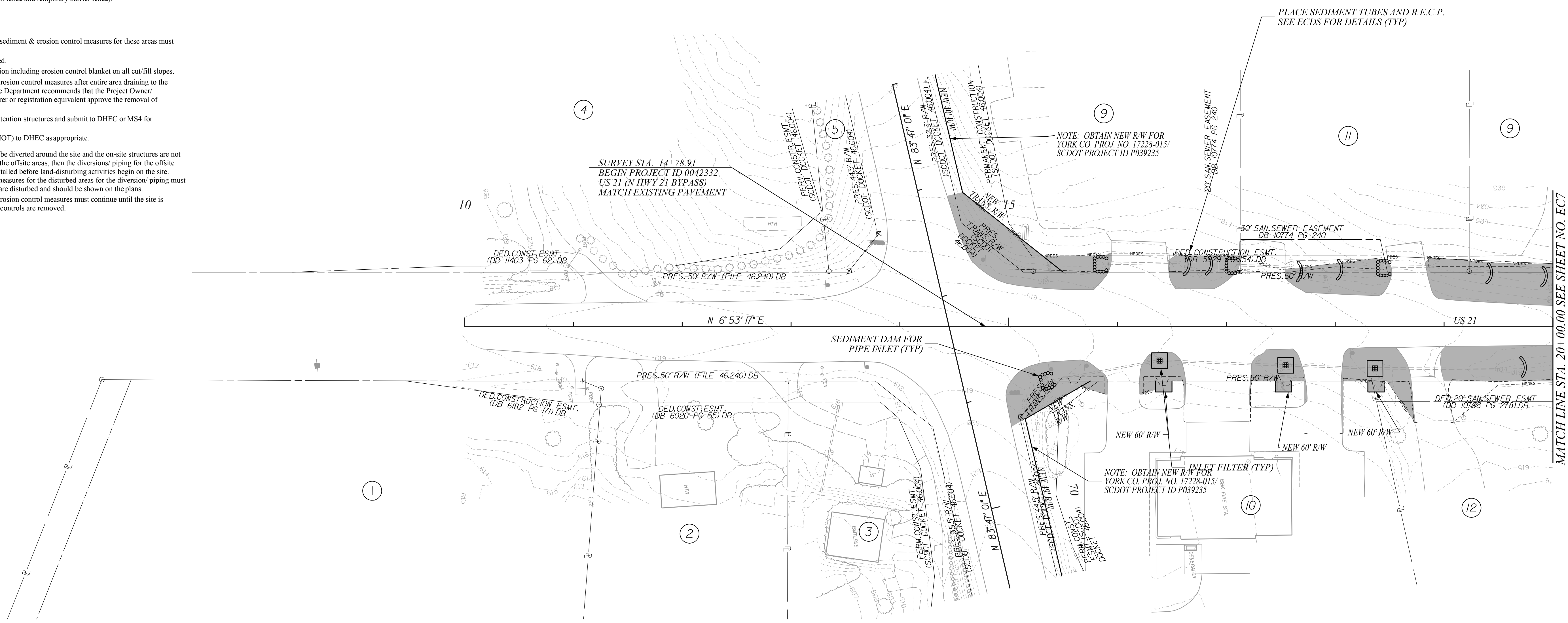
FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	EC6

- Construction Sequence – Phase I**
- Items must occur in the order listed; items cannot occur concurrently unless specifically noted.
1. Receive NPDES coverage from DHEC.
 2. Conduct pre-construction meeting (on-site if more than 10 acres disturbed and non-linear).
 3. Notify DHEC EQC Regional office or OCRM office 48 hours prior to beginning land-disturbing activities.
 4. Install construction entrance(s).
 5. Clear & grub only as necessary for installation of perimeter controls.
 6. Install perimeter controls (e.g., silt fence and temporary barrier fence).

- Construction Sequence – Phase II**
1. Clear & grub site or demolition (sediment & erosion control measures for these areas must already be installed).
 2. Complete rough grading as needed.
 3. Install permanent/ final stabilization including erosion control blanket on all cut/fill slopes.
 4. Remove 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.)
 5. Perform as-built surveys of all detention structures and submit to DHEC or MS4 for acceptance.
 6. Submit Notice of Termination (NOT) to DHEC as appropriate.

Note: If flows from offsite areas will be diverted around the site and the on-site structures are not designed to handle flows from the offsite areas, then the diversions/ piping for the offsite flows must be designed and installed before land-disturbing activities begin on the site. Sediment and erosion control measures for the disturbed areas for the diversion/ piping must be installed before those areas are disturbed and should be shown on the plans.

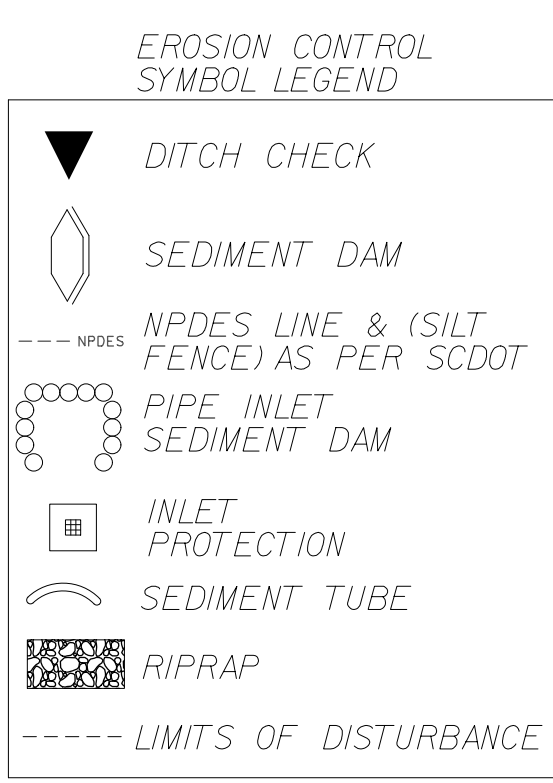
Note: Maintenance of sediment and erosion control measures must continue until the site is permanently stabilized and the controls are removed.



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- NOTES:**
1. USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 2. USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 3. USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 4. PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 5. USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
 6. TEMPORARY BARRIER FENCE SHALL BE PLACED ADJACENT TO WETLANDS IN ACCORDANCE TO SCDOT SUPPLEMENTAL SPECIFICATIONS, SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY, OR AS DIRECTED BY THE RCE.
 7. IF SEDIMENT TUBES ARE DEEMED INEFFECTIVE BY THE RCE DUE TO LOCAL SOIL CONDITIONS, THEN THE CONTRACTOR SHALL PLACE DITCH CHECKS IN LIEU OF SEDIMENT TUBES AS DIRECTED BY THE RCE.



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C03398
 PROFESSIONAL ENGINEER
 No. 21220
 1/23/2024
 JULY PARIS PETERS

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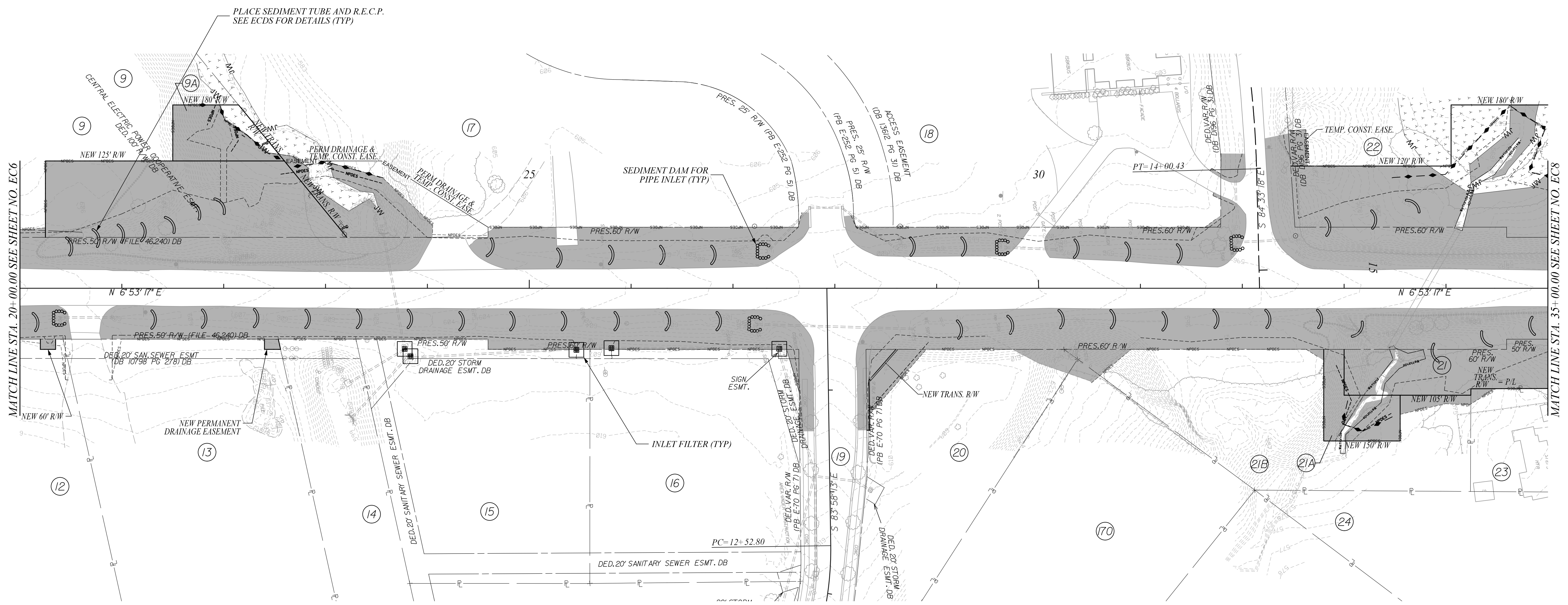
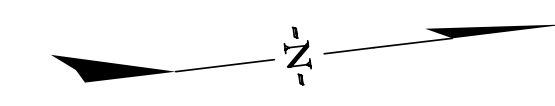
YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

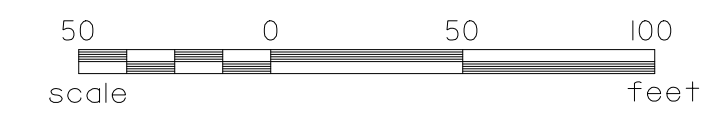
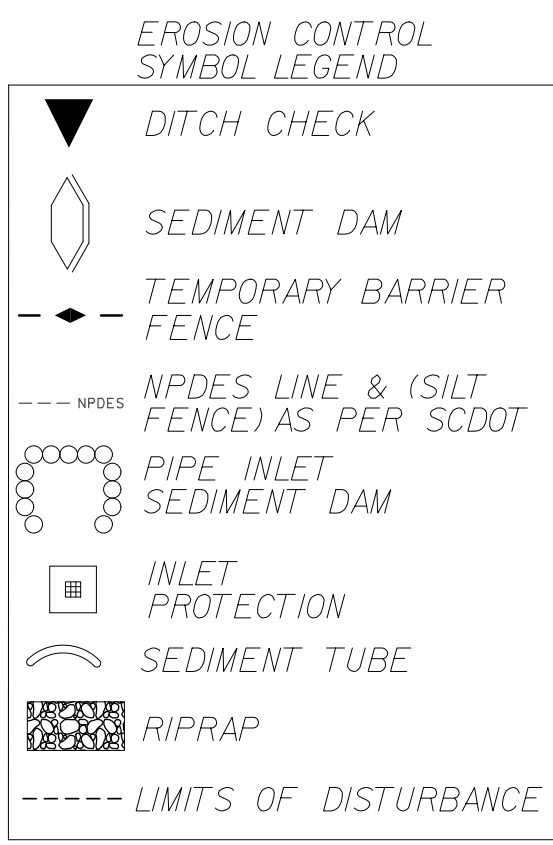
SCALE 1" = 50' RTE. US 21 DWG. NO. 1

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	EC7



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- NOTES:**
- USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 - USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 - USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 - PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 - USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
 - TEMPORARY BARRIER FENCE SHALL BE PLACED ADJACENT TO WETLANDS IN ACCORDANCE TO SCDOT SUPPLEMENTAL SPECIFICATIONS, SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY, OR AS DIRECTED BY THE RCE.
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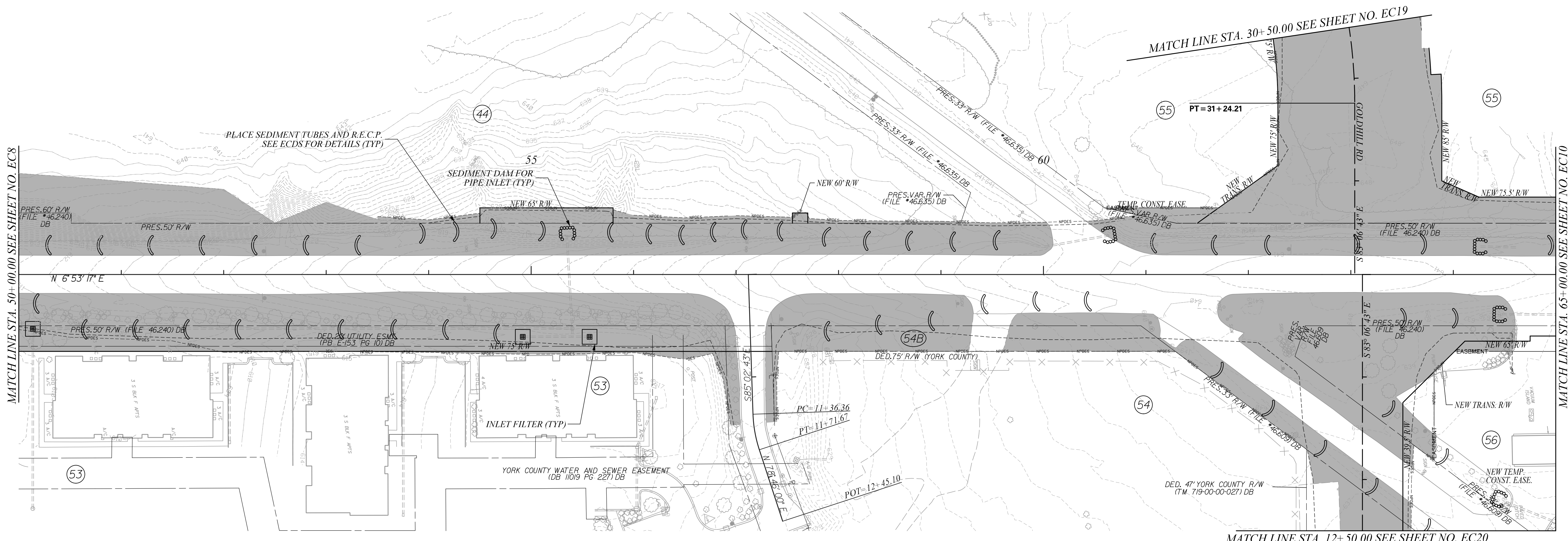
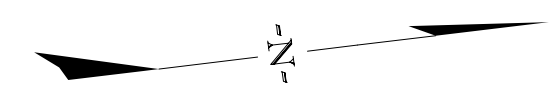
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C03398
 PROFESSIONAL ENGINEER
 No. 21220
 1/23/2024
 JULY PARIS PETERS

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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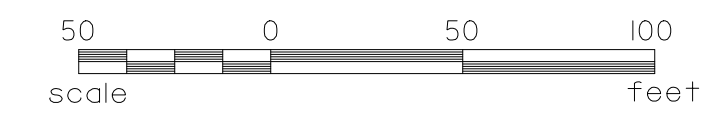
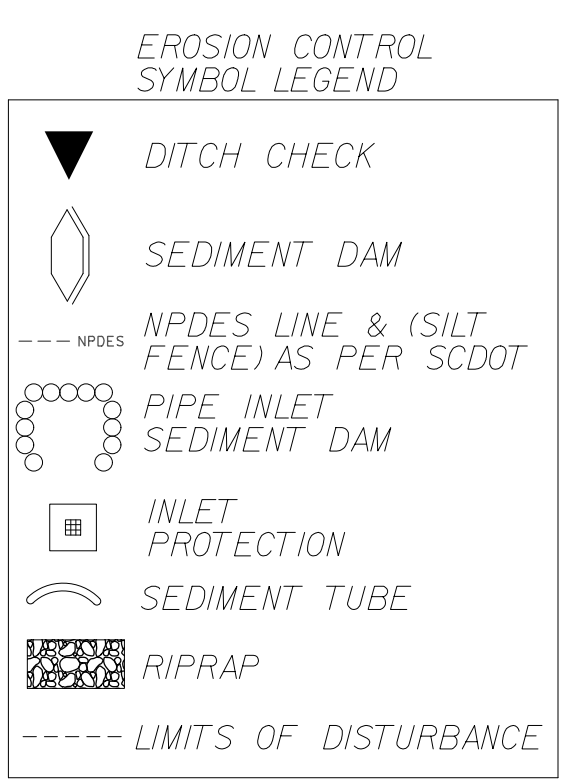
YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING
EROSION CONTROL PLANS
 SCALE 1" = 50' RTE. US 21 DWG. NO. 2

FINAL PLANS		FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	EC9

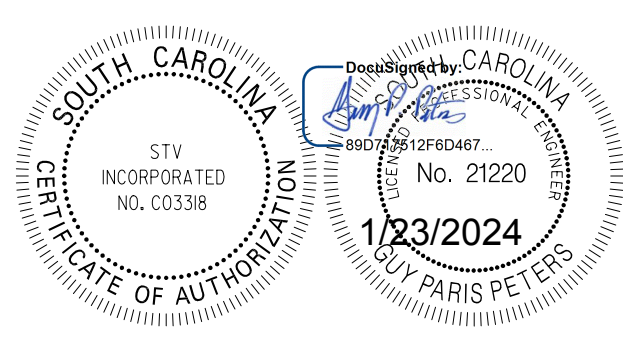


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- NOTES:**
- USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 - USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 - USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 - PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 - USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
 - TEMPORARY BARRIER FENCE SHALL BE PLACED ADJACENT TO WETLANDS IN ACCORDANCE TO SCDOT SUPPLEMENTAL SPECIFICATIONS, SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY, OR AS DIRECTED BY THE RCE.
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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



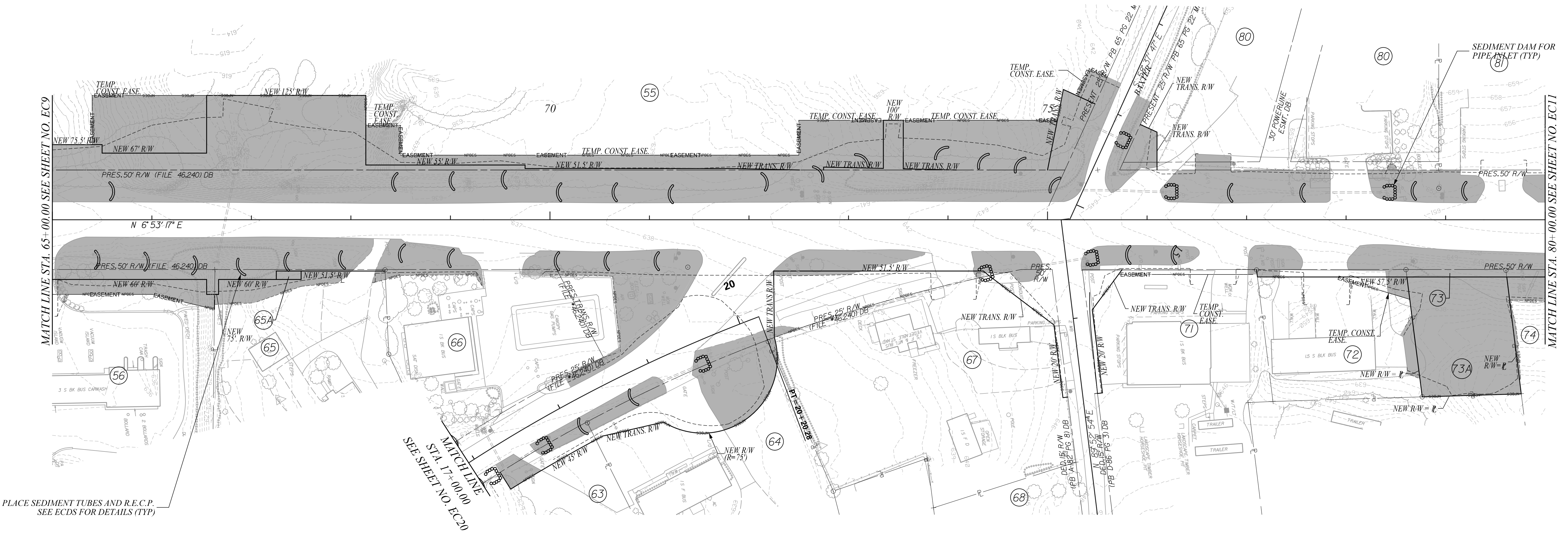
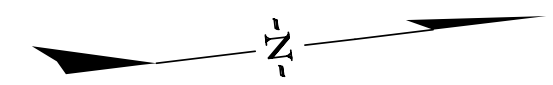
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YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

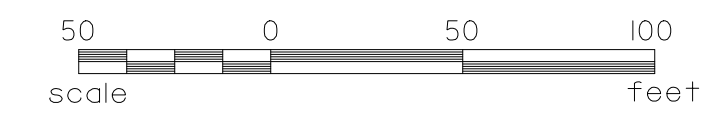
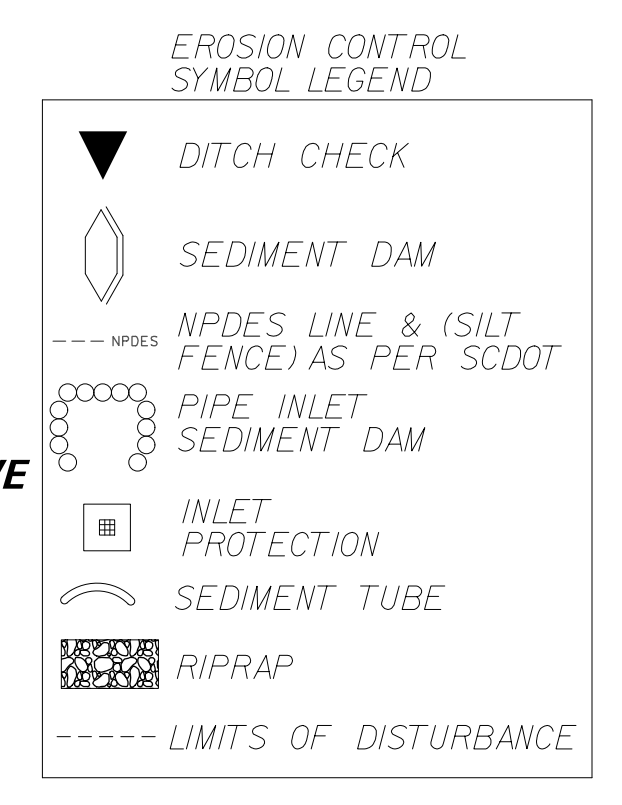
**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 4

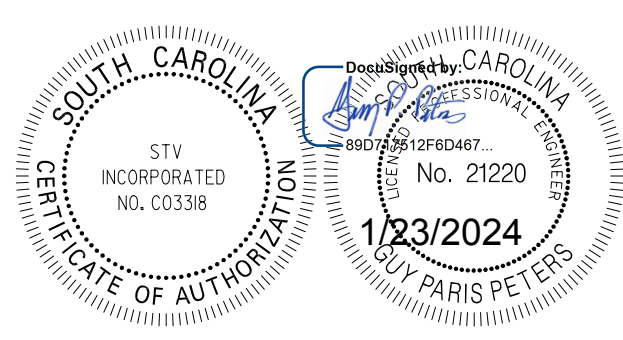


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- NOTES:**
- USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 - USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
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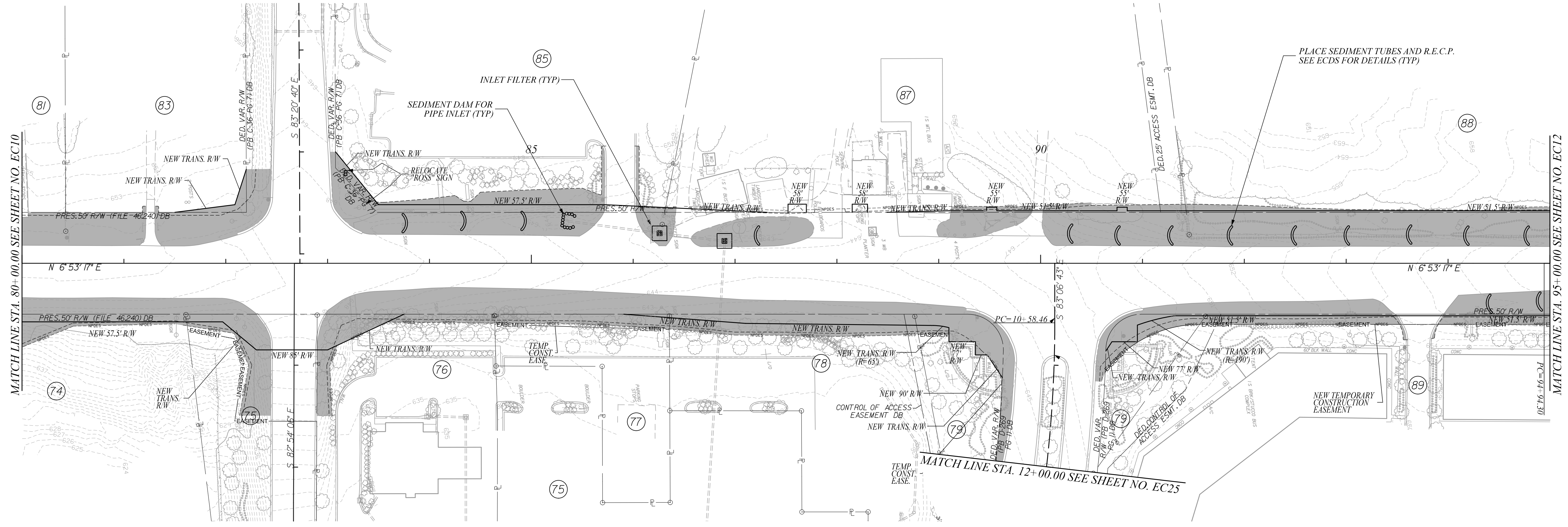
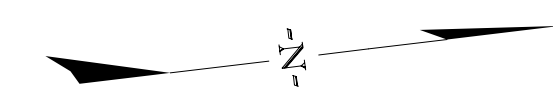
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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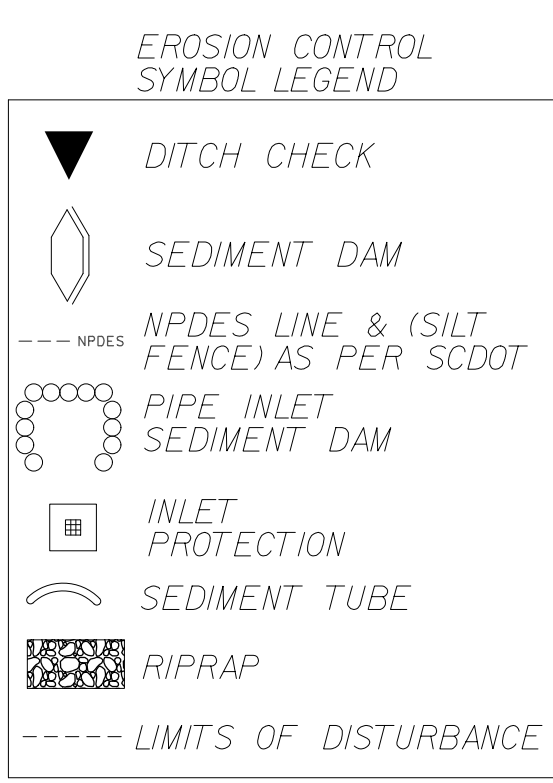
YORK COUNTY SOUTH CAROLINA			
US 21 NORTH PHASE 1 & SC 51			
CLEARING & GRUBBING EROSION CONTROL PLANS			
SCALE 1" = 50'	RTE.	US 21	DWG. NO. 5

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21	ECII

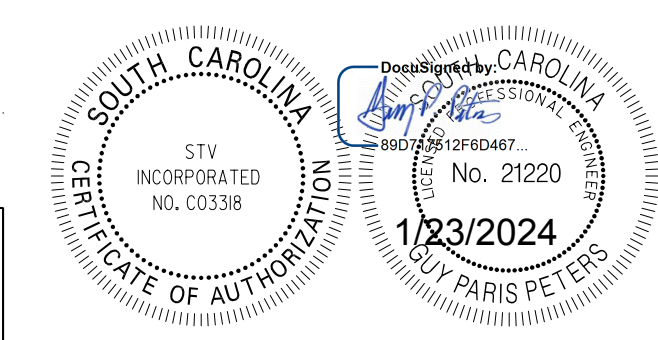


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- NOTES:**
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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



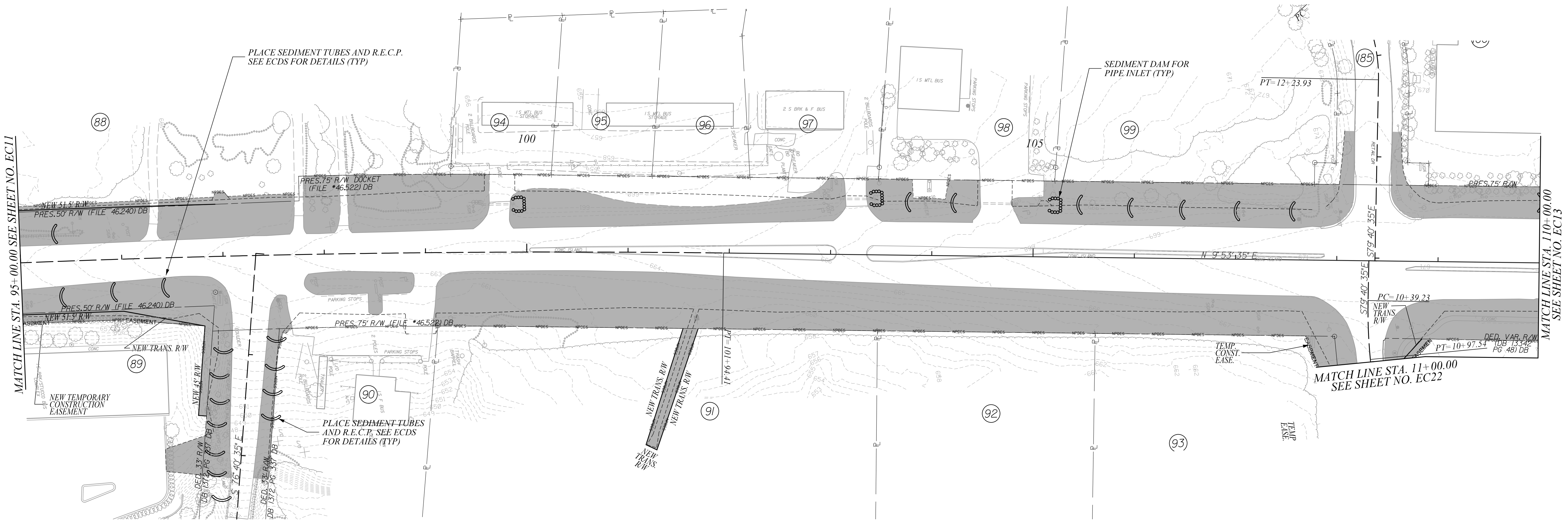
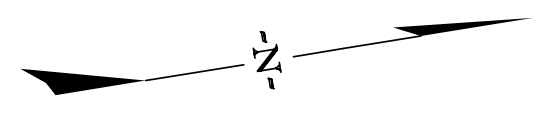
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YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

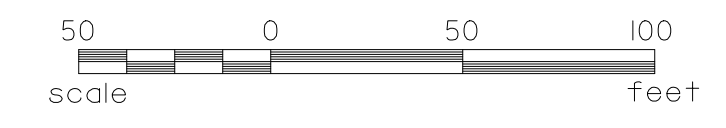
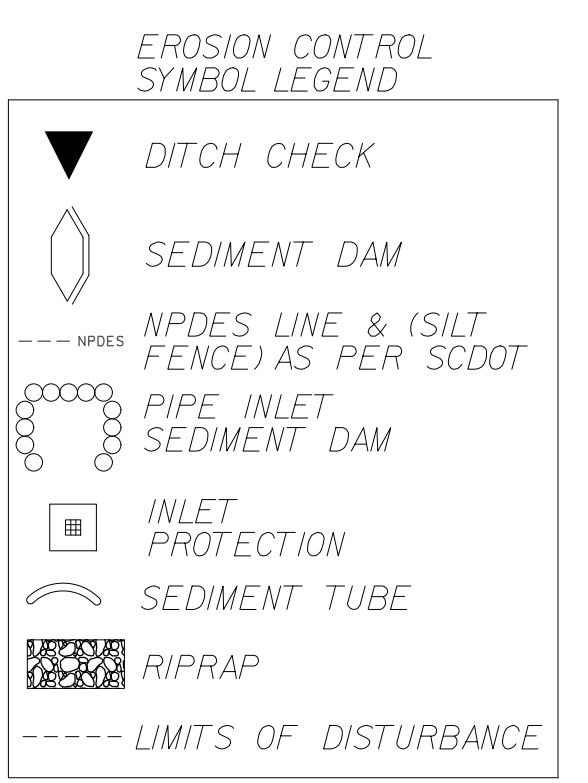
**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 6



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- NOTES:**
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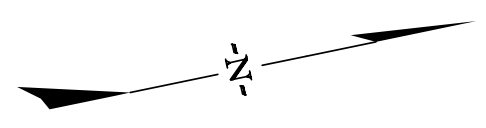


STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

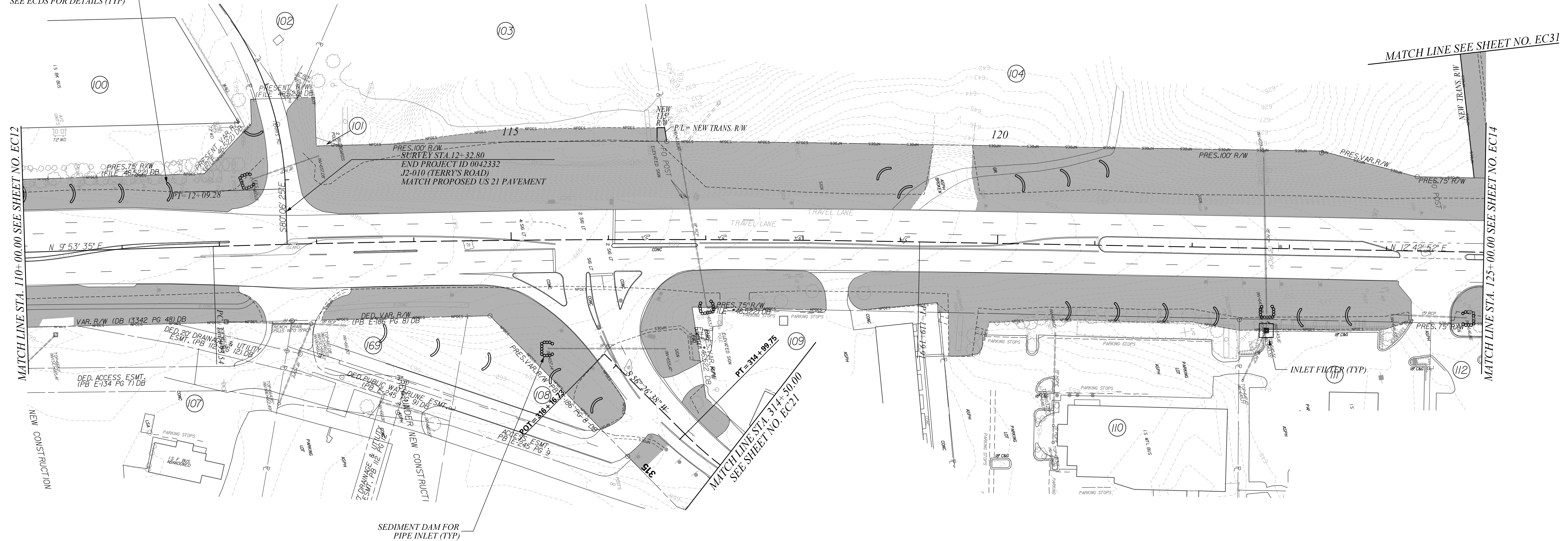
SOUTH CAROLINA
 STV INCORPORATED
 NO. C03398
 PROFESSIONAL ENGINEER
 No. 21220
 1/23/2024
 JULY PARIS PETERS

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
**CLEARING & GRUBBING
 EROSION CONTROL PLANS**
 SCALE 1" = 50' R.T.E. US 21 DWG. NO. 7



PLACE SEDIMENT TUBES AND R.E.C.P. SEE ECDS FOR DETAILS (TYP)

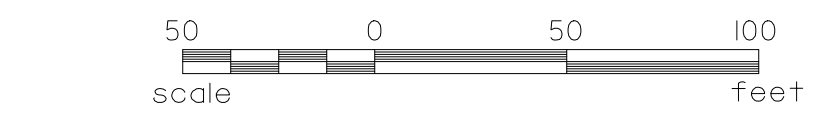


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- NOTES:**
1. USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 2. USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 3. USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 4. PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 5. USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
 6. TEMPORARY BARRIER FENCE SHALL BE PLACED ADJACENT TO WETLANDS IN ACCORDANCE TO SCDOT SUPPLEMENTAL SPECIFICATIONS, SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY, OR AS DIRECTED BY THE RCE.
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EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE

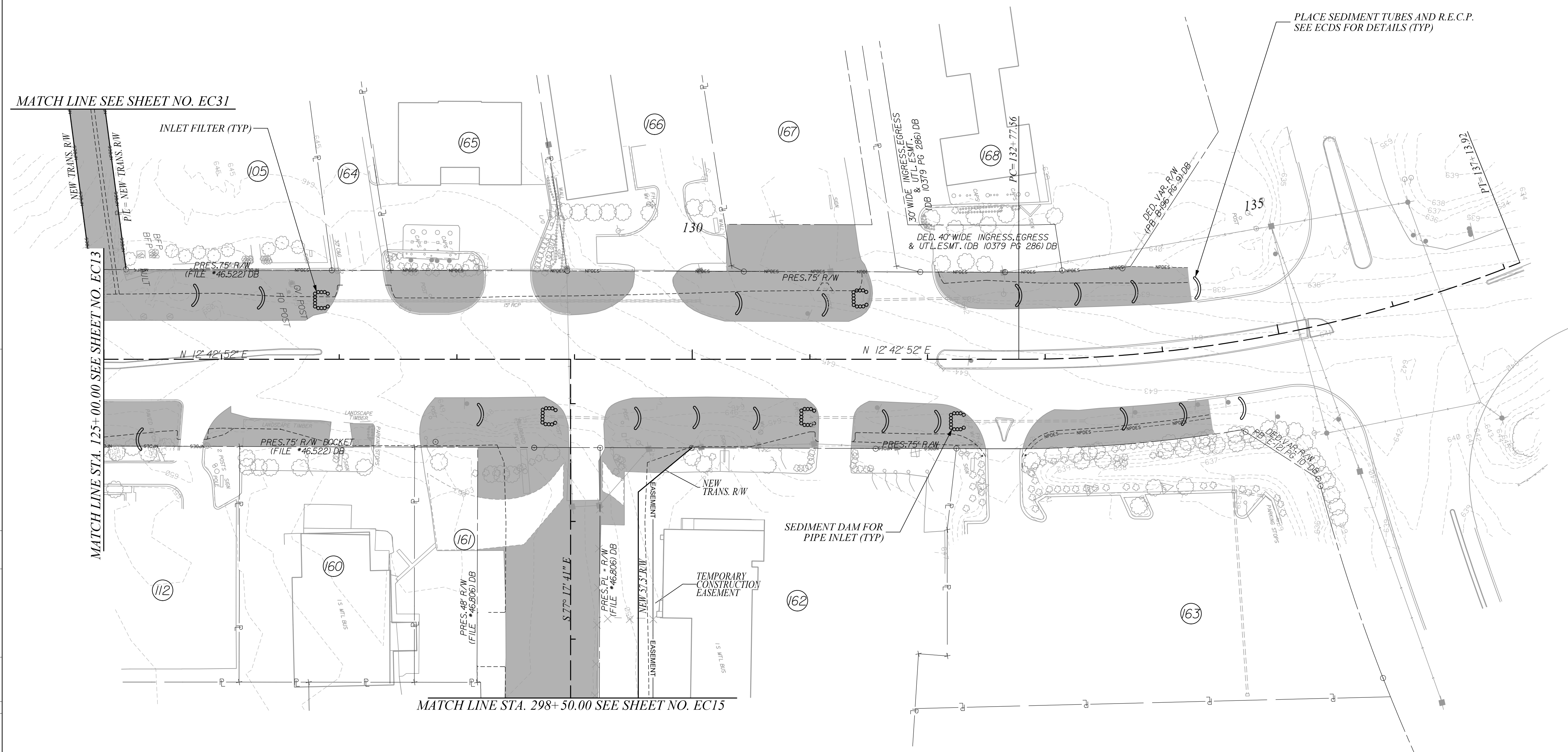
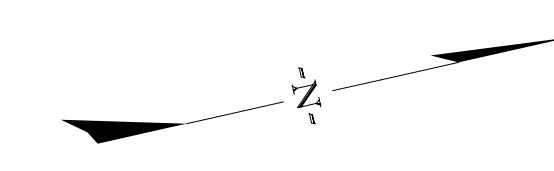


STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 CIVIL ENGINEER
 No. 21220
 JULY PARIS PETERS
 1/23/2024

6					YORK COUNTY SOUTH CAROLINA
5					US 21 NORTH PHASE 1 & SC 51
4					CLEARING & GRUBBING EROSION CONTROL PLANS
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	SCALE	1" = 50' R.T.E. US 21 DWG. NO. 8

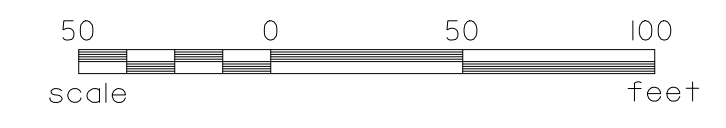
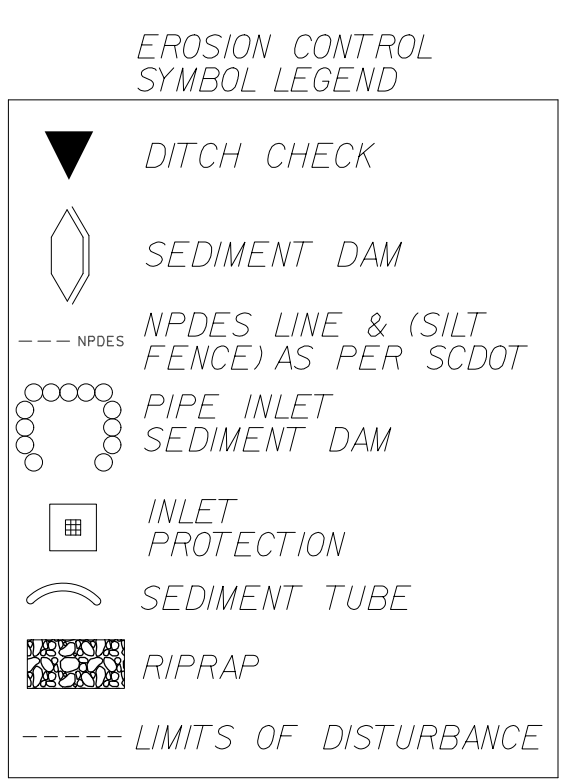
FINAL PLANS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51
					SHEET NO.
					EC14



REV. NO.	DATE	BY	DESCRIPTION OF REVISION
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 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C03398
 CERTIFICATE OF AUTHORITY

SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 No. 21220
 JULY-PARIS PETERS
 1/23/2024

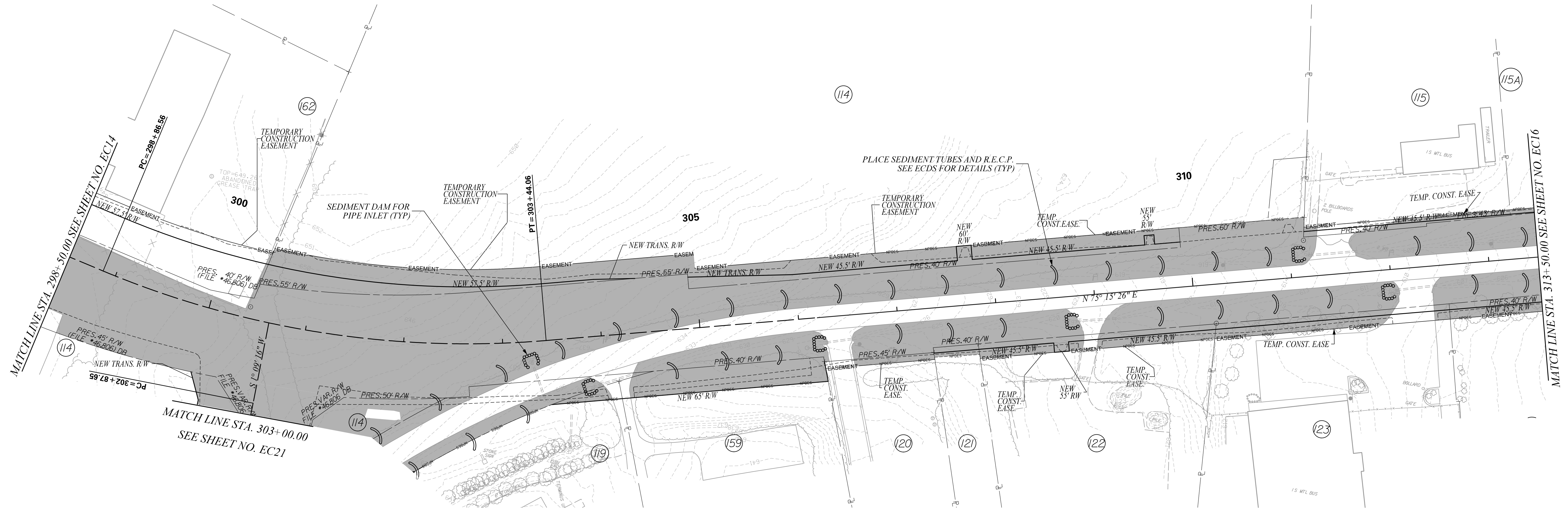
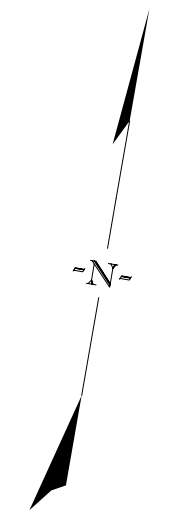
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YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

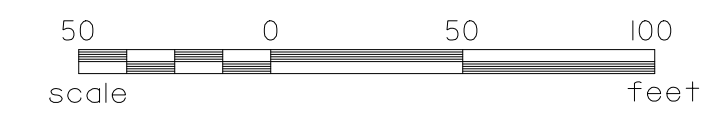
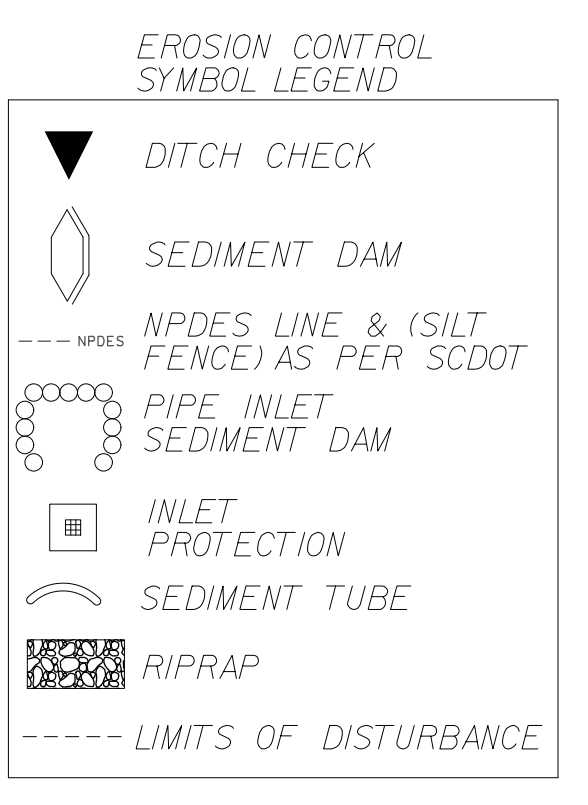
**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 9

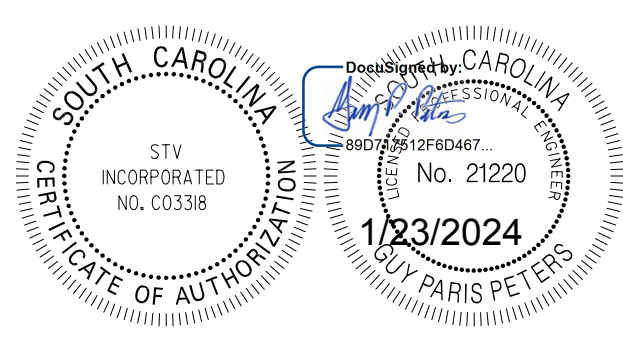


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- NOTES:**
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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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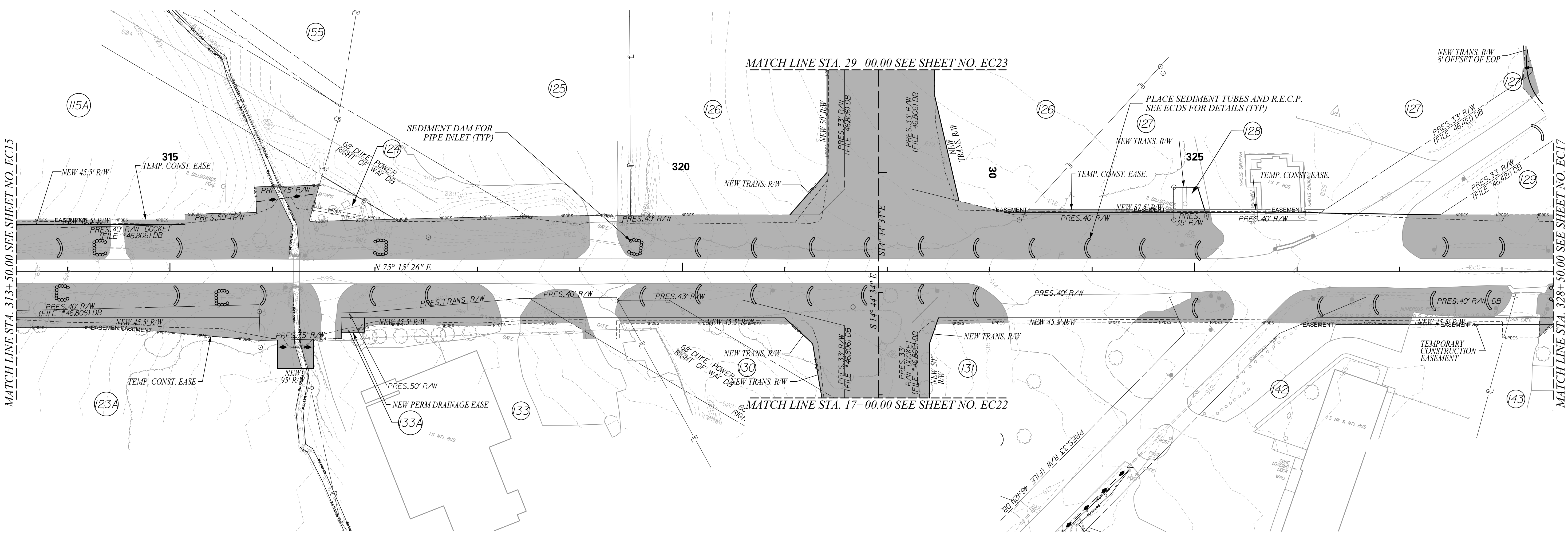
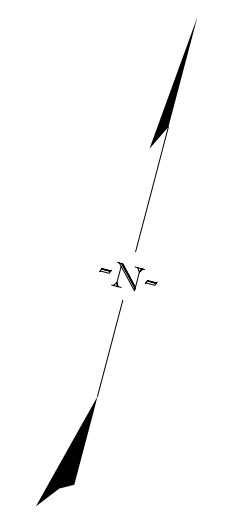
YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 10

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	SC 51	EC16

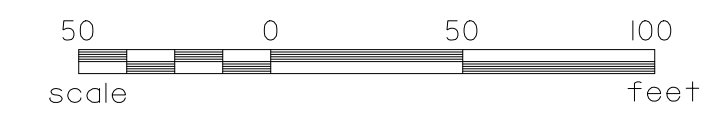


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EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	TEMPORARY BARRIER FENCE
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE



STV Incorporated
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 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C0338
 PROFESSIONAL ENGINEER
 No. 21220
 JULY PARIS PETERS
 1/23/2024

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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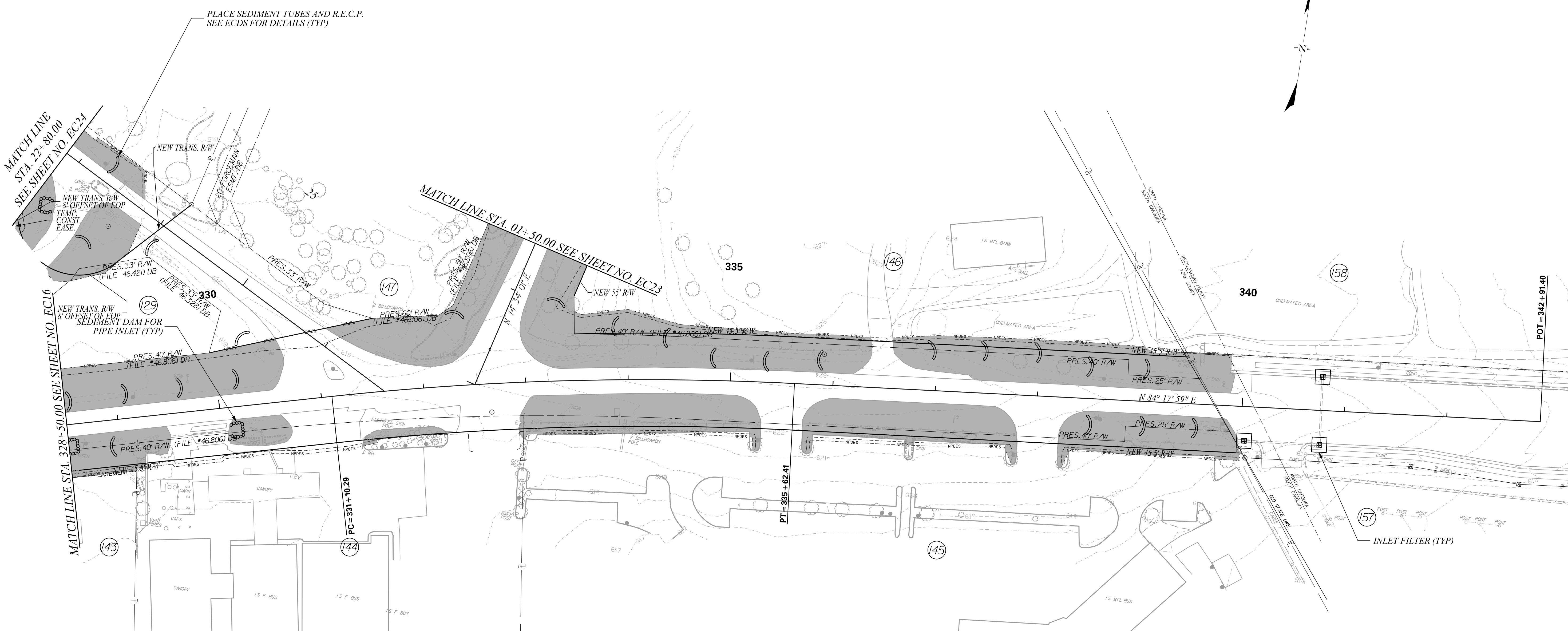
YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 11

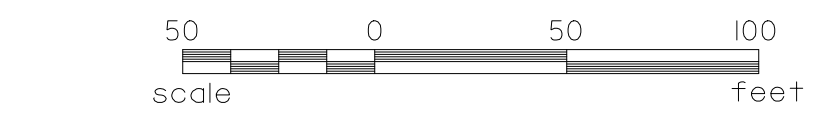
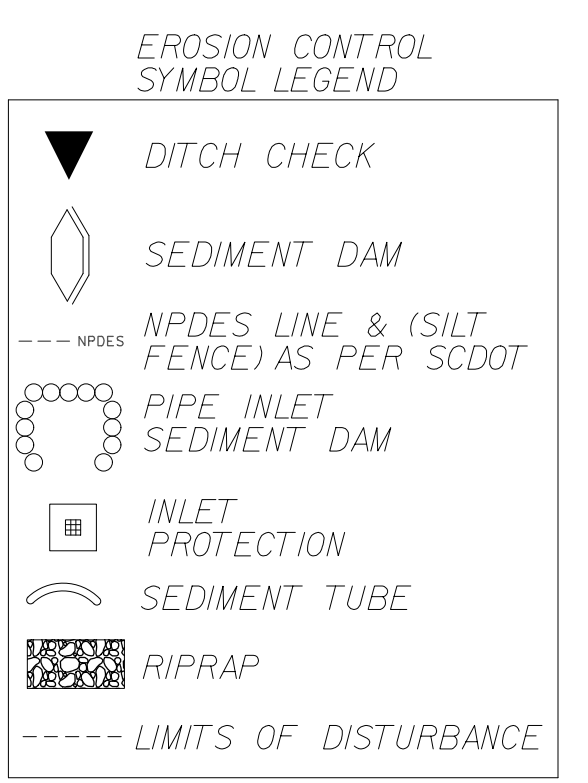
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FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	SC 51	EC17



REV. NO.	DATE	BY	DESCRIPTION OF REVISION
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STV Incorporated
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 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 INCORPORATED
 NO. C03398
 1/23/2024
 JULY PARIS PETERS

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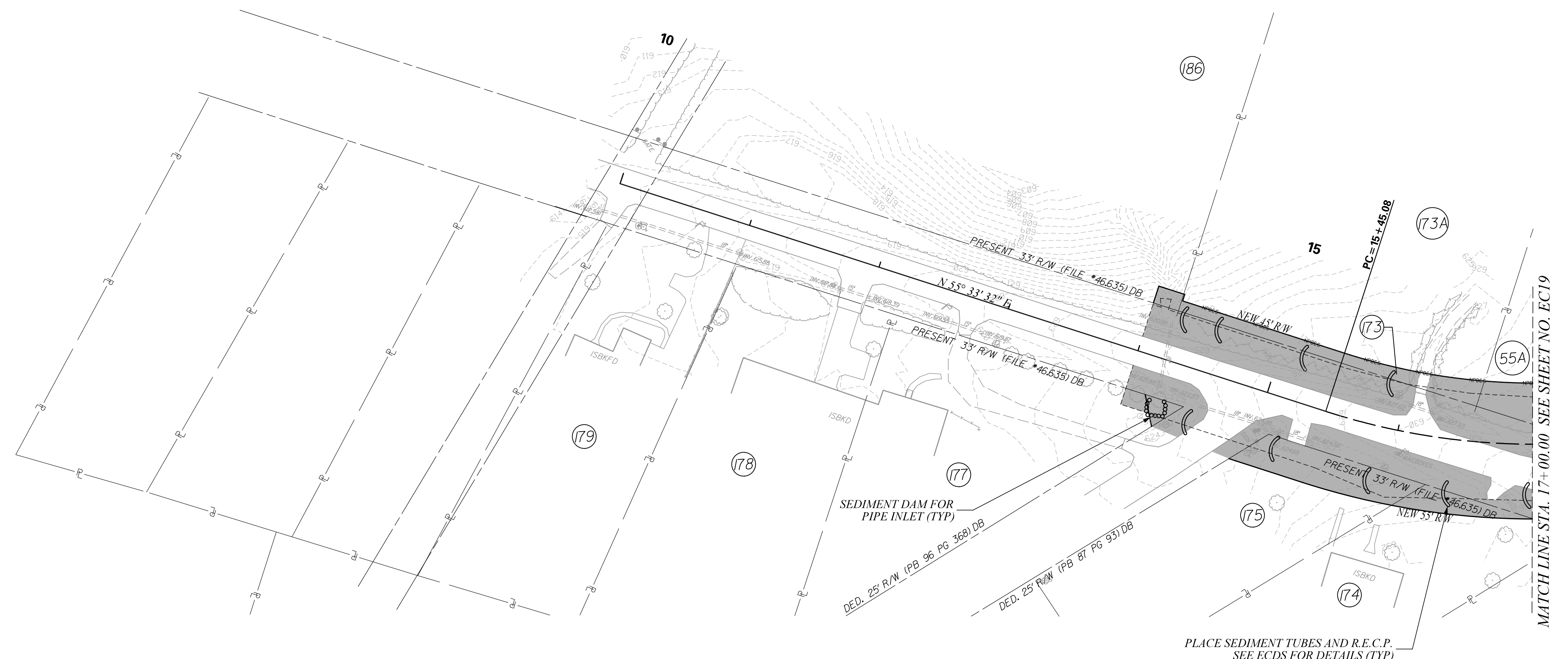
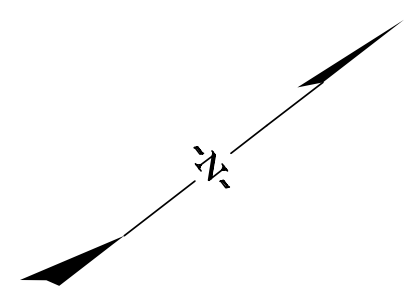
YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 12

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	S-1726	EC1B



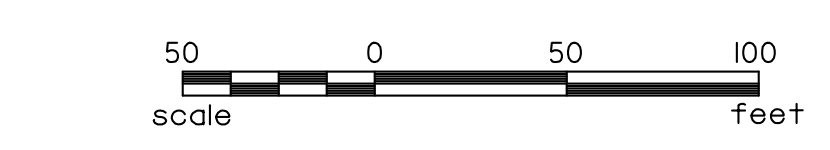
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- NOTES:**
- USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 - USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 - USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 - PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 - USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
 - TEMPORARY BARRIER FENCE SHALL BE PLACED ADJACENT TO WETLANDS IN ACCORDANCE TO SCDOT SUPPLEMENTAL SPECIFICATIONS, SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY, OR AS DIRECTED BY THE RCE.
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EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE



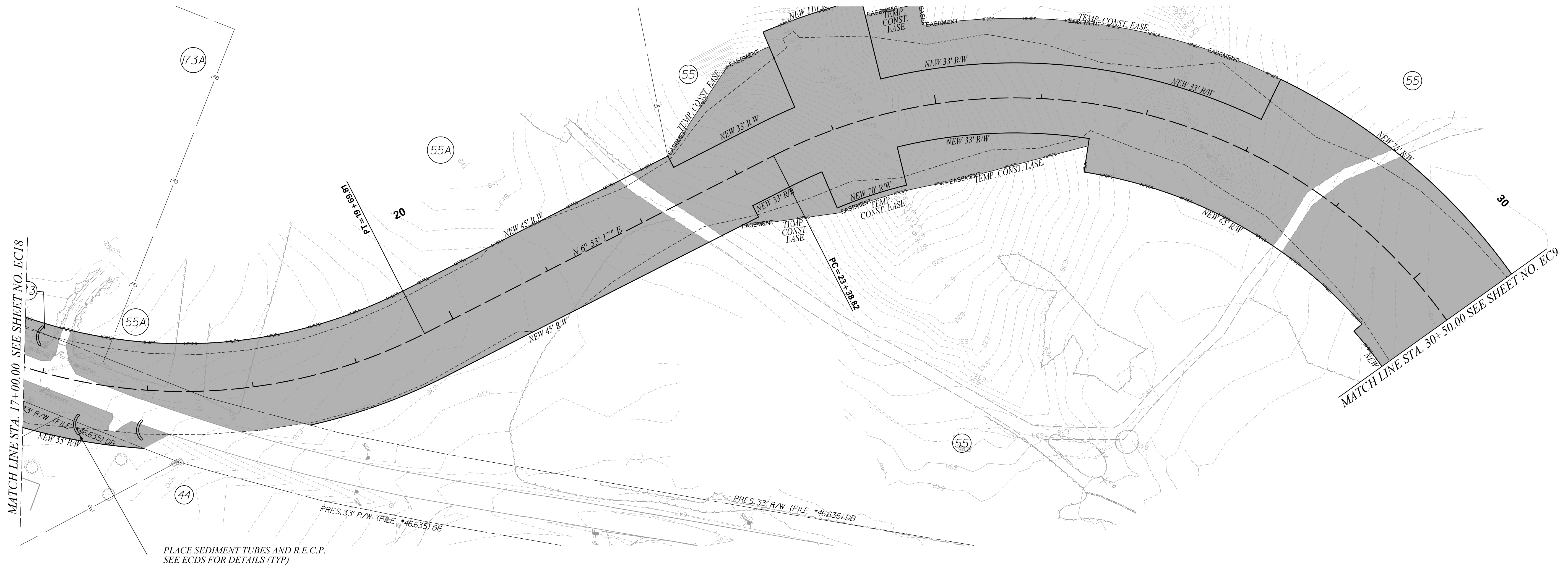
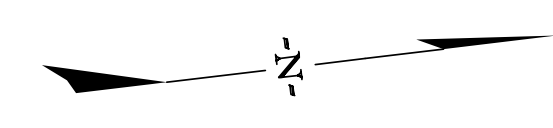
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 No. 21220
 1/23/2024
 JULY PARIS PETERS

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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YORK COUNTY SOUTH CAROLINA	
US 21 NORTH PHASE 1 & SC 51	
CLEARING & GRUBBING EROSION CONTROL PLANS	
SCALE 1" = 50'	RTE. US 21 DWG. NO. 13

FINAL PLANS						
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	S-1726	EC19

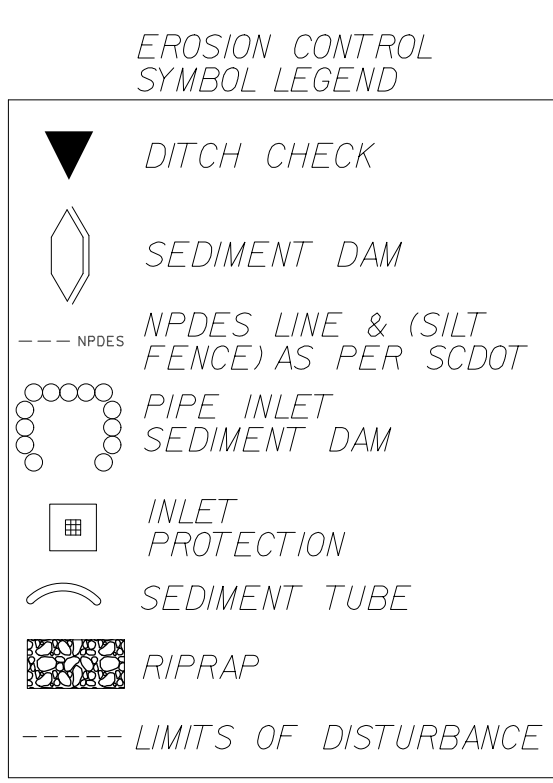


PLACE SEDIMENT TUBES AND R.E.C.P.
SEE ECDS FOR DETAILS (TYP)

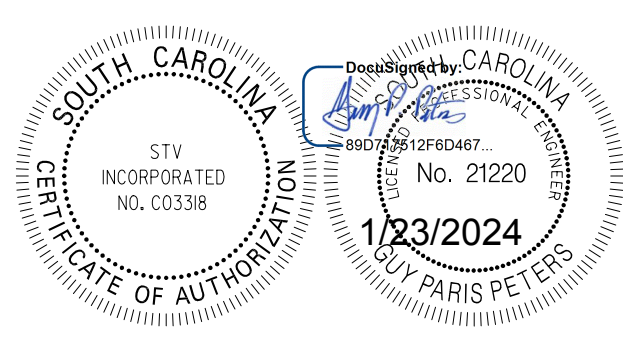
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- NOTES:**
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 - PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
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STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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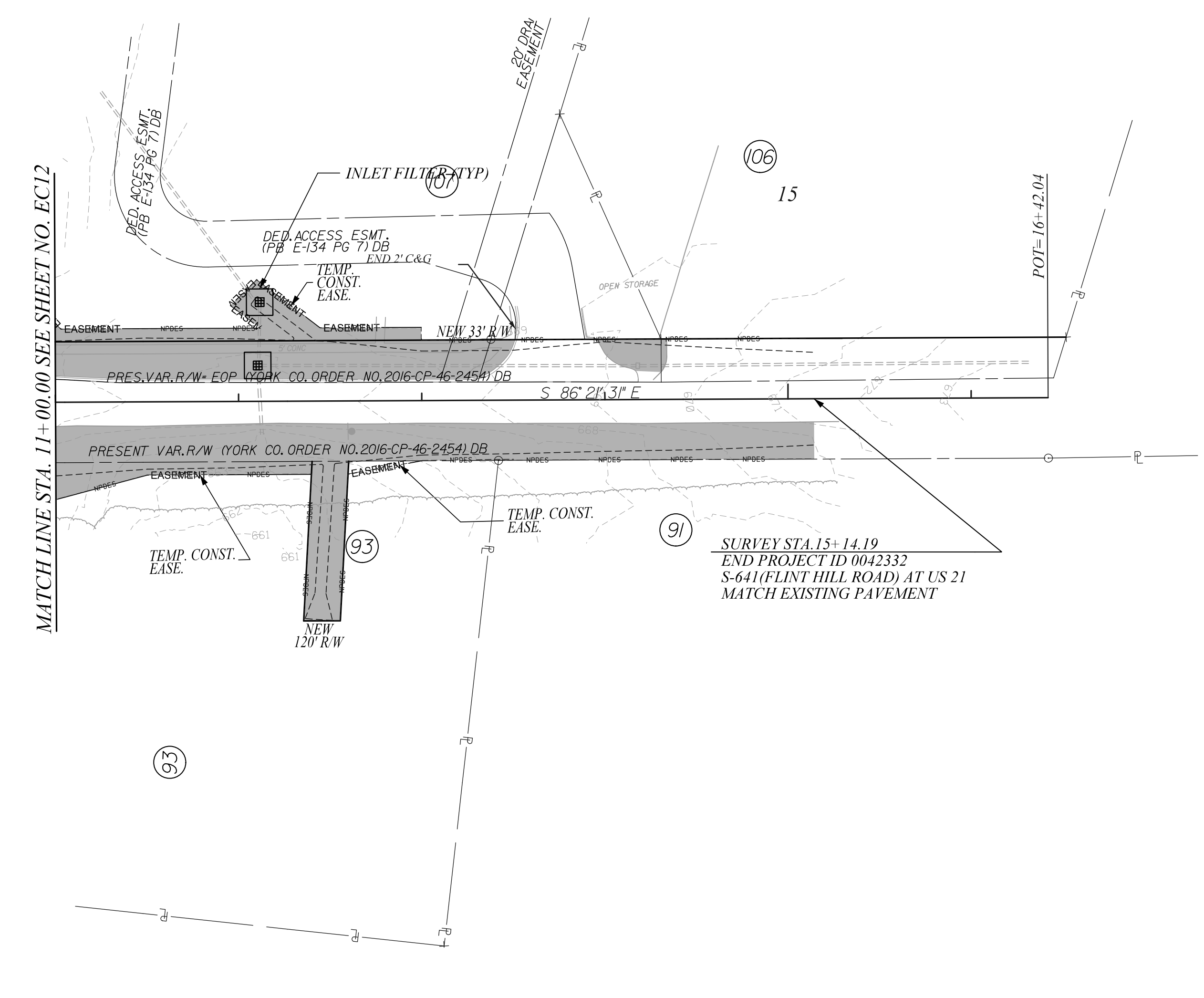
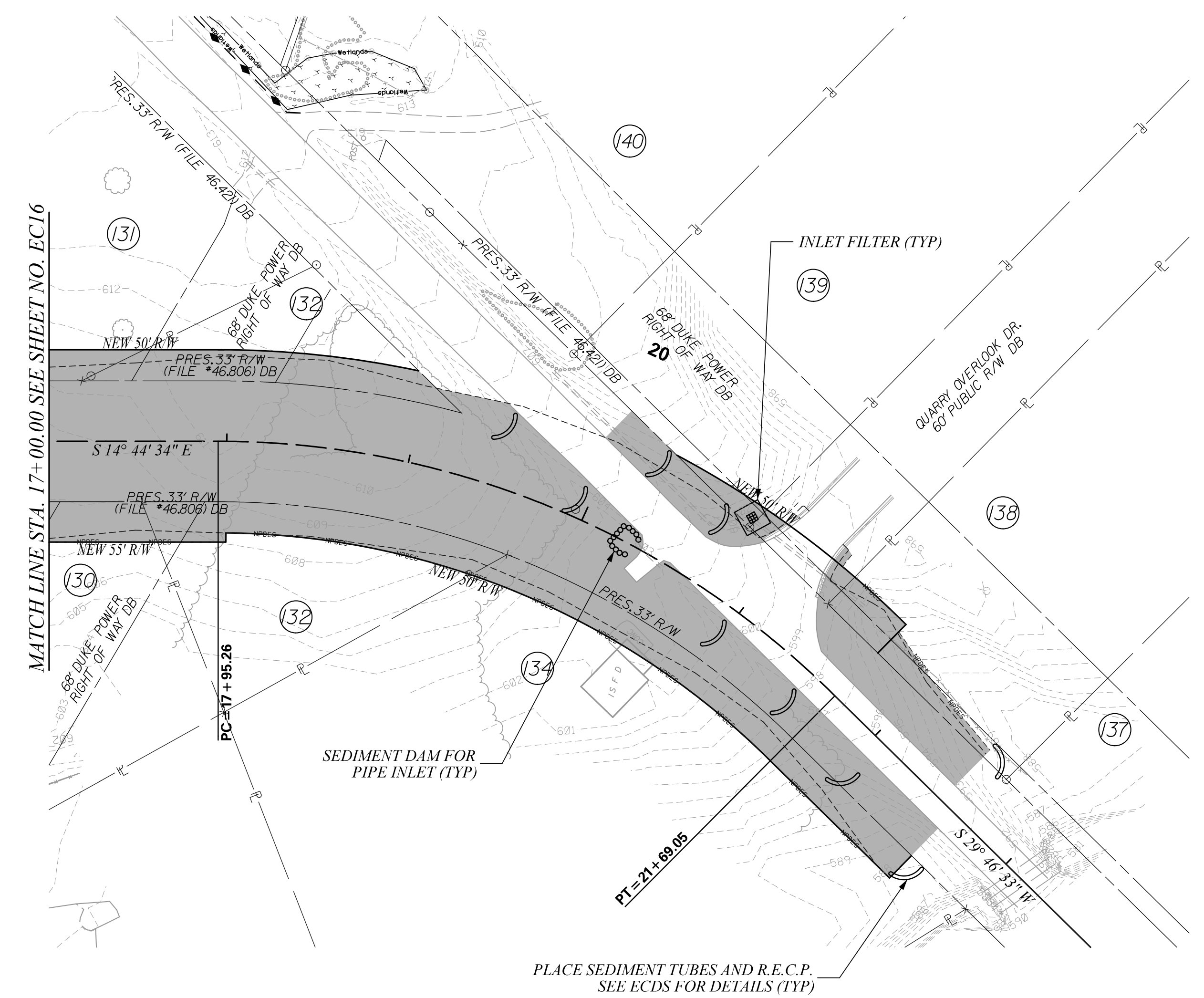
YORK COUNTY
SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 14

FINAL PLANS		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	S-64I	EC22



- NOTES:**
1. USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 2. USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 3. USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 4. PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 5. USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
 6. TEMPORARY BARRIER FENCE SHALL BE PLACED ADJACENT TO WETLANDS IN ACCORDANCE TO SCDOT SUPPLEMENTAL SPECIFICATIONS, SECTION 806: TEMPORARY BARRIER FENCE FOR ENVIRONMENTAL BOUNDARY, OR AS DIRECTED BY THE RCE.
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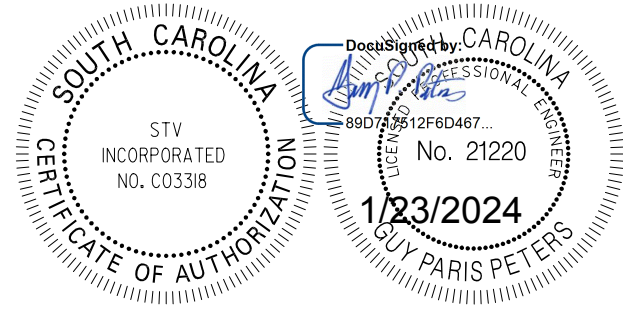
EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	TEMPORARY BARRIER FENCE
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE

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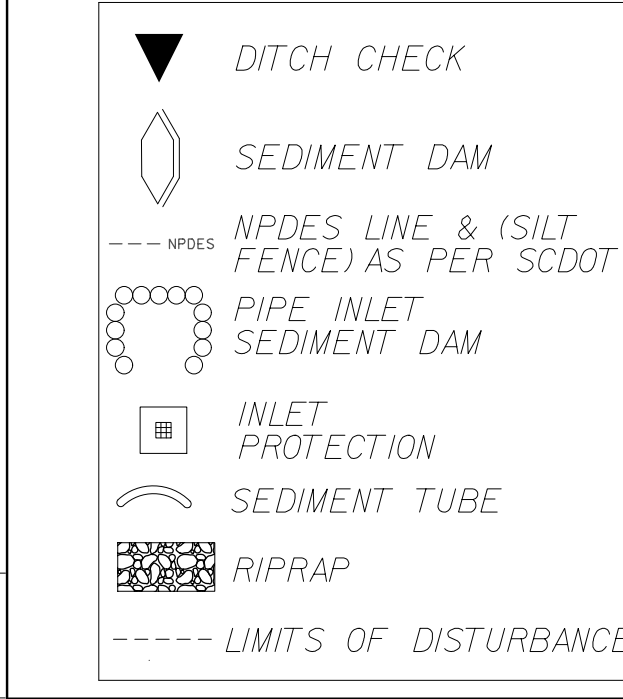
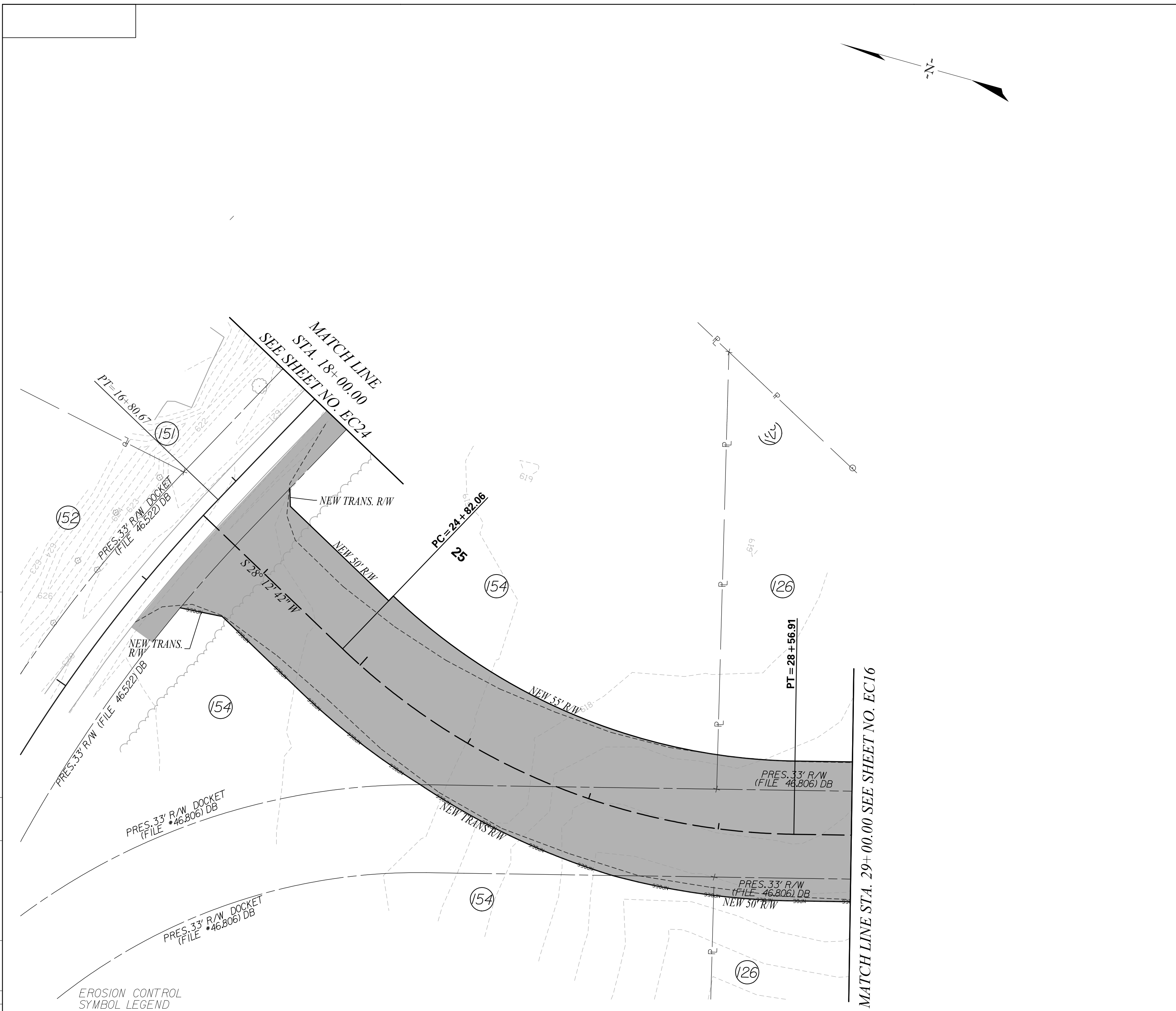
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730



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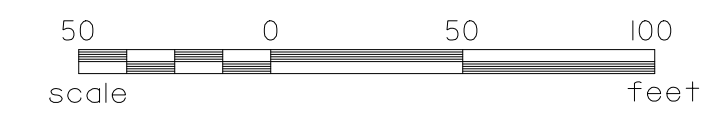
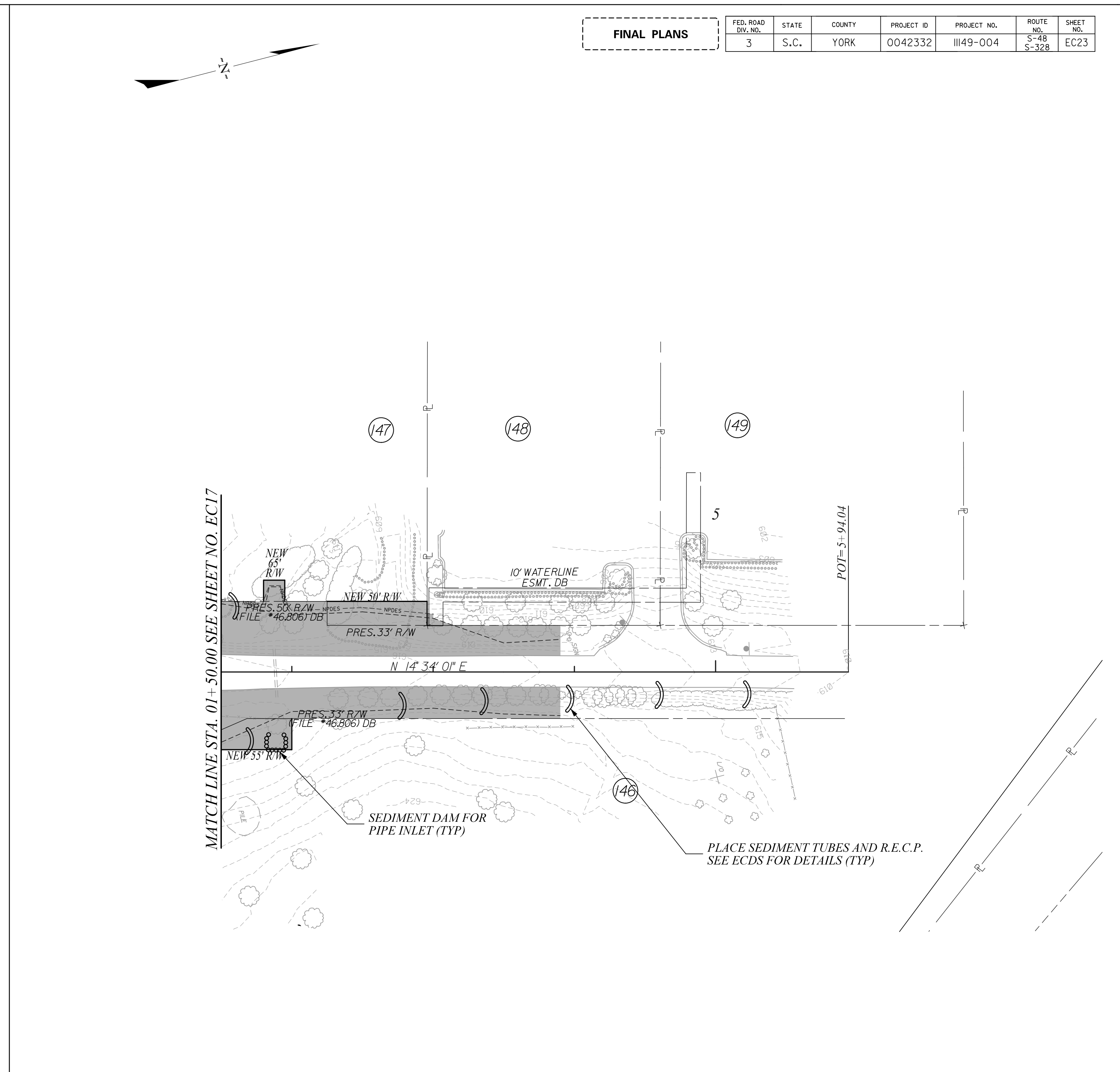
YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING
EROSION CONTROL PLANS
 SCALE 1" = 50' R.T.E. US 21 DWG. NO. 17

FINAL PLANS						
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	S-4B S-328	EC23



- NOTES:**
1. USE TYPE D1 INLET STRUCTURE FILTERS FOR ALL DROP INLETS.
 2. USE TYPE D2 INLET STRUCTURE FILTERS FOR ALL DROP INLETS IN SAGS.
 3. USE TYPE E AND TYPE F INLET FILTER TUBES FOR ALL CB STRUCTURES AS PER SCDOT STD 815-005-00 AND 815-006-00.
 4. PLACE SILT FENCE AS PER SCDOT INSTRUCTIONAL BULLETIN NO. 2014-4.
 5. USE DOUBLE ROWS OF SILT FENCE WHEN ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS.
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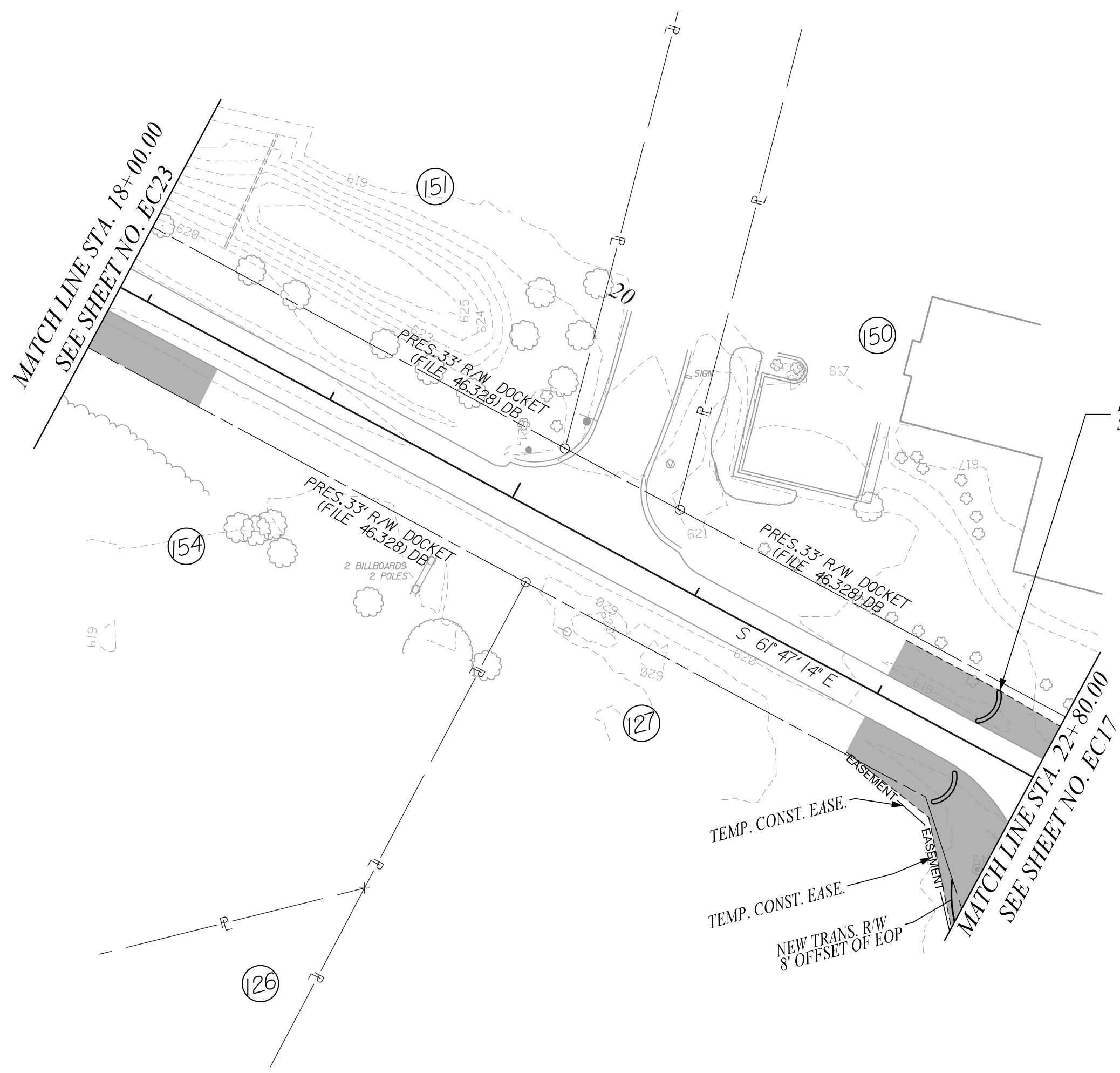
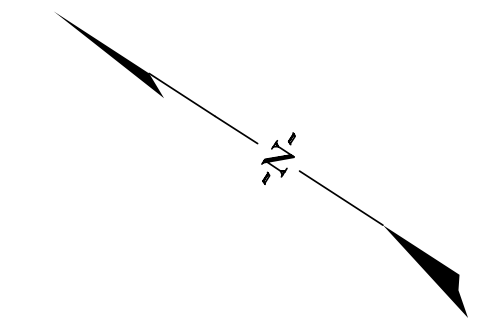
STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C0338
 CERTIFICATE OF AUTHORIZATION
 No. 21220
 1/23/2024
 JULY PARIS PETERS

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
CLEARING & GRUBBING
EROSION CONTROL PLANS
 SCALE 1" = 50' R.T.E. US 21 DWG. NO. 18

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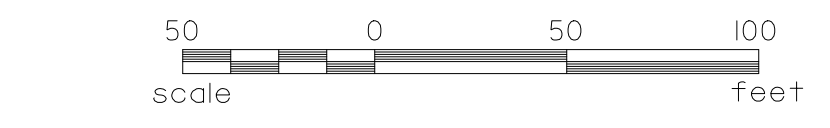


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EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
 454 S. ANDERSON ROAD, SUITE 3
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA
 STV INCORPORATED
 NO. C03398
 CERTIFICATE OF AUTHORITY
 1/23/2024
 JULY-PARIS PETERS

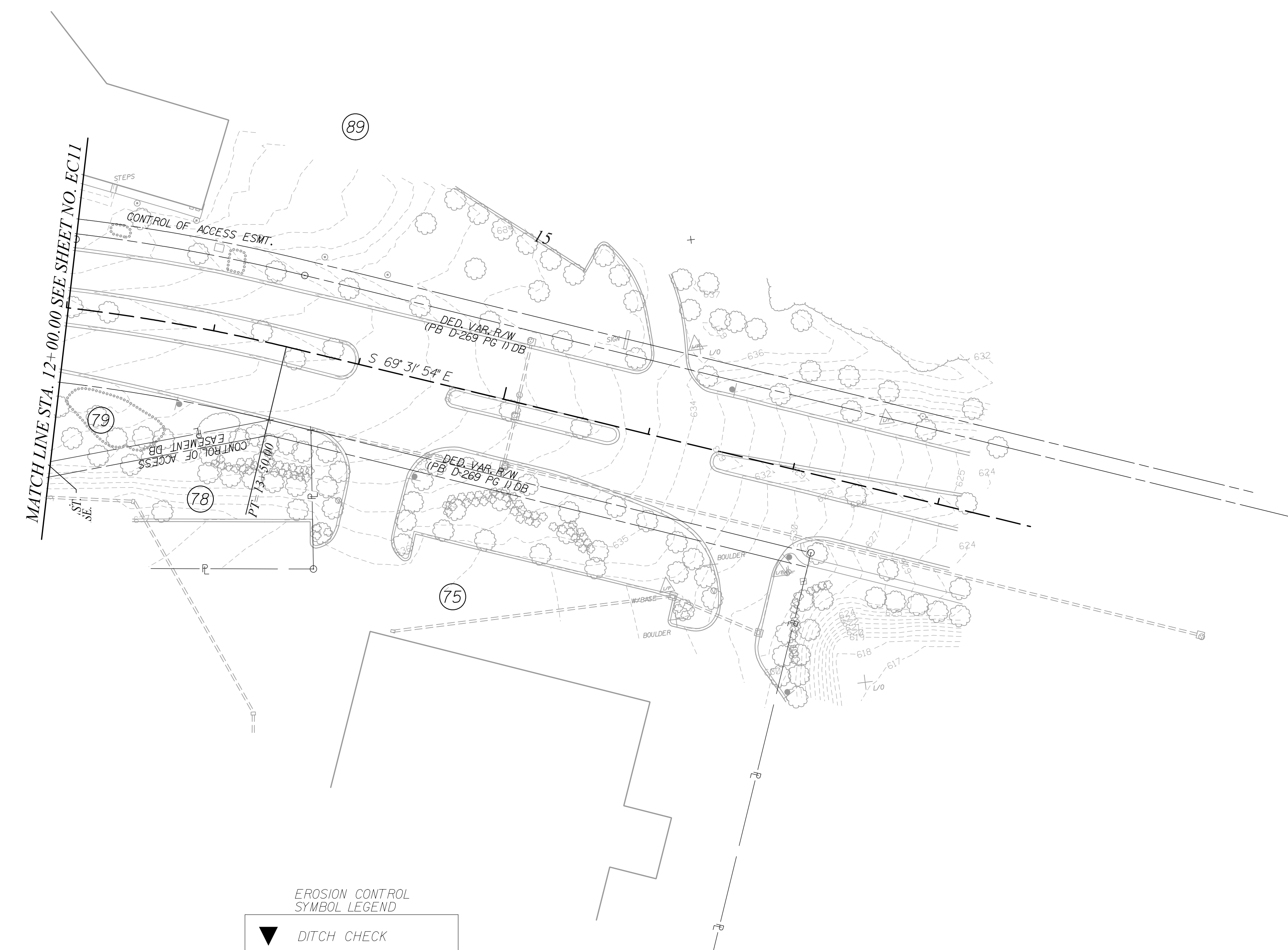
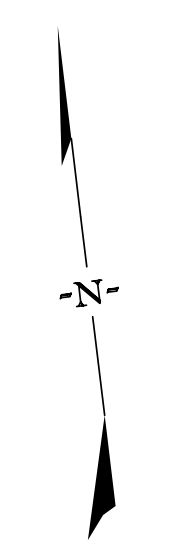
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YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 19

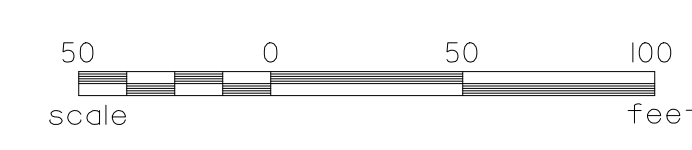


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EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

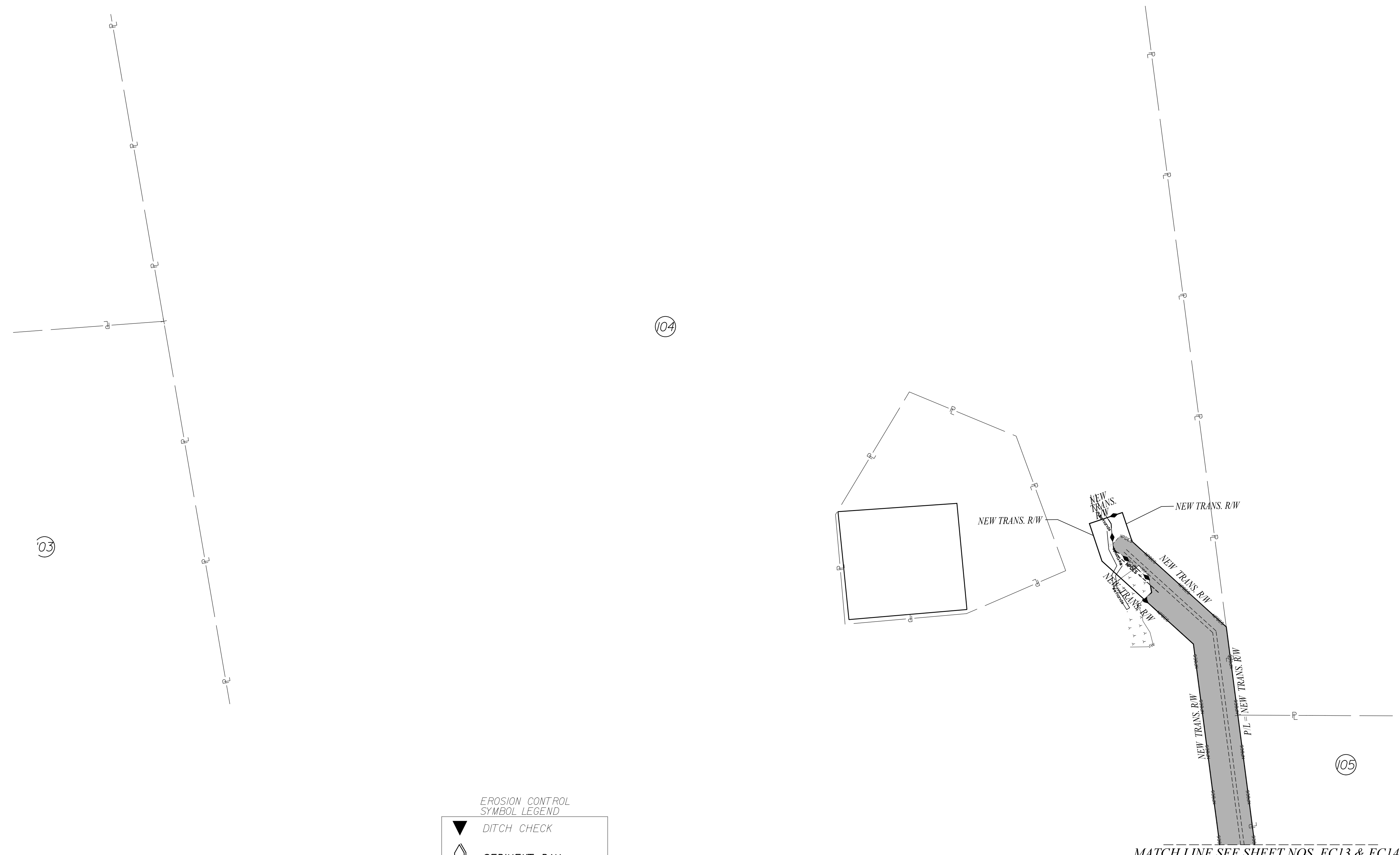
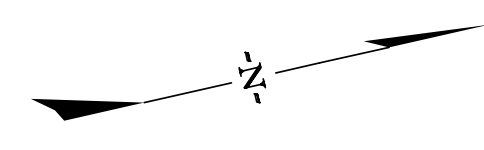
SOUTH CAROLINA
 STV INCORPORATED
 NO. C03398
 PROFESSIONAL ENGINEER
 No. 21220
 1/23/2024
 JULY-PARIS PETERS

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YORK COUNTY SOUTH CAROLINA	
US 21 NORTH PHASE 1 & SC 51	
CLEARING & GRUBBING EROSION CONTROL PLANS	
SCALE 1" = 50'	RTE. US 21 DWG. NO. 20

FINAL PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	EC3I



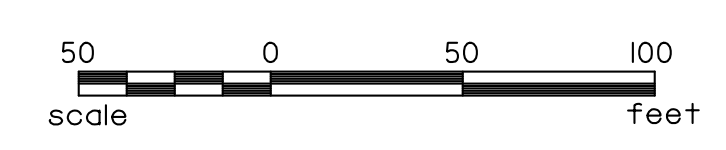
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NOTES:

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EROSION CONTROL SYMBOL LEGEND

	DITCH CHECK
	SEDIMENT DAM
	TEMPORARY BARRIER FENCE
	NPDES LINE & (SILT FENCE) AS PER SCDOT
	PIPE INLET SEDIMENT DAM
	INLET PROTECTION
	SEDIMENT TUBE
	RIPRAP
	LIMITS OF DISTURBANCE



STV Incorporated
 ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 517
 454 S. ANDERSON ROAD, SUITE 5
 ROCK HILL, SOUTH CAROLINA 29730

SOUTH CAROLINA PROFESSIONAL ENGINEER
 STV INCORPORATED
 NO. C03398
 No. 21220
 1/23/2024
 JULY-PARIS PETERS

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YORK COUNTY
 SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

**CLEARING & GRUBBING
 EROSION CONTROL PLANS**

SCALE 1" = 50' RTE. US 21 DWG. NO. 21



EROSION CONTROL DATA SHEET

RECEIVING WATERS			
ROAD / ROUTE	OUTFALL DITCH		NAME OF RECEIVING WATERS
	STATION	SIDE	
NAME OF ULTIMATE RECEIVING WATERS			

SOIL TYPES			
ROAD / ROUTE	STATION TO STATION	SOIL PARTICLE SIZE (COARSE / FINE)	ZONE

TEMPORARY EROSION CONTROL BLANKET								
ROAD / ROUTE	STATION TO STATION		SIDE	DEPTH OF BLANKET (FT)	DITCH BOTTOM WIDTH (FT)	SLOPES x : 1		MSY
						FRONT	BACK	
ANDREW	00+50	03+90	RT	1	32	1		1.262
ANDREW	00+50	03+90	LT	1	36	1		1.413
TOTAL								2.676

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

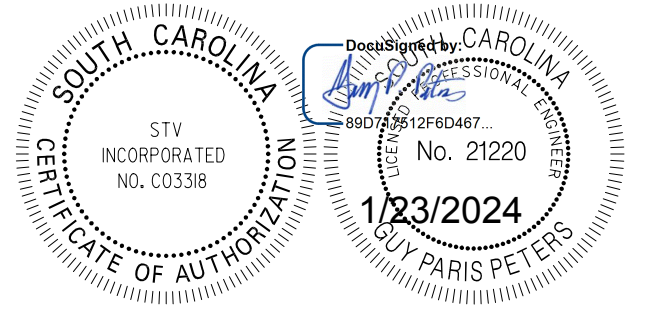
SEDIMENT TUBES IN DITCHES						
ROAD / ROUTE	STATION TO STATION	SIDE	AVERAGE LENGTH	SPACING (FT)	TOTAL	COMMENTS
TOTAL					0FT	

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

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 12/27/2023



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

US 21 NORTH PHASE 1 AND SC 51 FROM SC 460 TO THE SC/NC STATE LINE ROAD WIDENING PID 0042332 YORK COUNTY, SC

UTILITY RELOCATION PLANS

COMPANY	CONTACT	PHONE NO.	COMPANY	CONTACT	PHONE NO.
POWER - E1 York Electric Corporation	Wes Dover PO Box 150 1385 A. Alexander Love Hwy York, SC 29745 Wes.Dover@yorkelectric.net	803-628-5564 803-627-0824	TELECOM - TV1 Comporium	Eric Kirkland 471-A Lakeshore Pkwy Rock Hill, SC 29730 eric.kirkland@comporium.com	803-326-6109
POWER - E2 (TRANS) Duke Energy	Stephen Lord 526 South Church St. Charlotte, NC 28202 Stephen.Lord@duke-energy.com	704-812-2316	TELECOM - TV2 Time Warner Communications	Matt McClain 3140 West Arrowwood Road Charlotte, NC 28273 matt.mcclain@charter.com	704-378-2194 980-428-5092
POWER - E2 (Distribution) Duke Energy NO CONFLICT	Stephen Lord 526 South Church St. Charlotte, NC 28202 Stephen.Lord@duke-energy.com	704-812-2316	GAS - G1 York County Natural Gas	Eric Cellucci 979 W. Main st. Rock Hill, SC 29731 eric.cellucci@ycnga.com	803-323-5392 803-627-4410
POWER - E3 (Distribution) Central Electric Power Cooperative NO CONFLICT	Jimmy Tindal 20 Cooperative Way Columbia, SC 29210 jtindal@cepci.org	803-255-8810	WATER - W1 York County Water and Sewer	David Hughes (Bert Becton STV Designer) 6 South Congress St. York, SC 29745	803-628-3211
TELECOM - T1 Comporium	Eric Kirkland 471-A Lakeshore Pkwy Rock Hill, SC 29730 eric.kirkland@comporium.com	803-326-6109	Sewer - S1 York County Water and Sewer	David Hughes (Bert Becton STV Designer) 6 South Congress St. York, SC 29745	803-628-3211
TELECOM - T2 Duke Net Legacy (Charter)	Matt McClain 3140 West Arrowwood Road Charlotte, NC 28273 matt.mcclain@charter.com	704-378-2194 980-428-5092	Water - W2 Fern Forest Water Company	Dottie Carter (Bert Becton STV Designer)	(803) 548-0398
TELECOM - T3 AT&T No Conflict for Distribution	Jamie Riggins 100 Belton Drive Spartanburg, SC 29301	864-574-8608	TRAFFIC CONTROL - TF1 SCDOT	John Huskins 338 Robertson Rd. West Rock Hill, SC 29730	803-324-3545 Ext. 25
TELECOM - T4 Level 3 Communications (Lumen)	Wanita Brenes 227 Robeson Street Fayetteville NC 28301 wanita.brenes@lumen.com	910-551-8838			
TELECOM - T5 Zayo Fiber	Brandon Carter 125 North Myers Street Charlotte, NC 28202 Brandon.Carter@zayo.com	704-779-9322			
TELECOM - T6 MCI Communications (Verizon)	Corey Thomas corey.thomas@verizon.com	501-297-9085			
TELECOM - T7 Windstream Communications	Daniel Honeycutt Daniel.Honeycutt@windstream.com	704-849-1358 704-579-7897			

INDEX OF SHEETS

DESCRIPTION	SUBTOTAL OF SHEETS
UTILITY REFERENCE SHEET	U1
UTILITY LEGEND SHEET	U2
UTILITY DATA SHEET	U3
UTILITY POLE DATA SHEET	U4A - U4D
UTILITY GENERAL NOTES	U5
UTILITY PLAN SHEETS	U6 - U30 (U26-U29 Omitted)
TOTAL	29



6									YORK COUNTY SOUTH CAROLINA
5									US 21 NORTH PHASE 1 & SC 51 UTILITY REFERENCE SHEET
4									
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION						
			PREPARED BY	CHK'D BY	REVIEWED BY				SCALE N/A RTE. US 21 DWG. NO. UI

UTILITY DATA

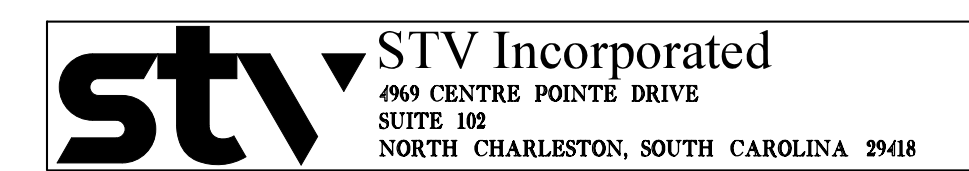
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NOS.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	U3

FOR INFORMATION ONLY

UTILITY	ALIGNMENT / ROUTE / RD	STATION RANGE	OFFSET RANGE	ITEM IN PLACE	OWNERSHIP	REMARKS / MISC NOTES
E1	US21, SC51			UNDERGROUND POWER	YORK ELECTRIC CORP.	
E1-1	US21, SC51			AERIAL SINGLE PHASE POWER	YORK ELECTRIC CORP.	
E1-2	US21, SC51			AERIAL TWO PHASE POWER	YORK ELECTRIC CORP.	
E1-3	US21, SC51			AERIAL THREE PHASE POWER	YORK ELECTRIC CORP.	
E2-TRANS	US21, SC51, SC641			AERIAL TRANSMISSION POWER	DUKE POWER	44kV & 100kV OVERHEAD TRANSMISSION
E3-3 TRANS	US21			AERIAL TRANSMISSION POWER	SANTEE COOPER POWER	3-PHASE OVERHEAD TRANSMISSION
T1	US21, SC51, SC641			UNDERGROUND TELEPHONE	COMPORIUM	
T1-C	US21, SC51, SC641			AERIAL TELEPHONE COPPER	COMPORIUM	COPPER
T1-F	SC51, SC641			AERIAL TELEPHONE FO	COMPORIUM	FIBER OPTIC
T2	US21, SC51, SC641			UNDERGROUND TELEPHONE FO	DUKE NET	
T2-F	US21, US21 BUS, SC98			AERIAL TELEPHONE FO	DUKE NET	FIBER OPTIC
T3	US21, US21 BUS			UNDERGROUND TELEPHONE FO	AT&T	
TV1	US21, US21 BUS, SC51			AERIAL & UNDERGROUND CATV	COMPORIUM	
TV2	US21, SC51, SC641			UNDERGROUND FO	TWC	
G1	US21, US21 BUS, SC51			UNDERGROUND GAS	YORK CO. NATURAL GAS	
W1	US21, US21 BUS, SC51, SC98			UNDERGROUND WATER	YORK CO. WATER & SEWER	
W2	AMELIA, FERN FOREST, FOREST			UNGROUND WATER	FERN FOREST MHP	
S1	US21, US21 BUS, SC51, SC98			UNDERGROUND SAN, SEWER	YORK CO. WATER & SEWER	
TF1	US21, US21 BUS, SC51, SC98			AERIAL & UNDERGROUND SIGNAL	SC DOT	
OH1	US21, SC51, SC641, SC98			OVERHEAD POWER	YORK ELECTRIC CORP.	ALSO CARRIES AT VARIOUS LOCATIONS T1, TV1, T2, TF1
OH2	US21, SC51			OVERHEAD TRAFFIC SIGNAL	SC DOT	
OH3	US21			OVERHEAD POWER	SANTEE COOPER POWER	OVERHEAD TRANSMISSION
OH4	US21, SC51, SC98			OVERHEAD TELEPHONE & CATV	COMPORIUM	
OH5	SC51, SC641			OVERHEAD POWER	DUKE POWER	DOUBLE CIRCUIT 44kV OVERHEAD TRANSMISSION
OH6	US21			OVERHEAD POWER	DUKE POWER	DOUBLE CIRCUIT 100kV OVERHEAD TRANSMISSION

UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
UTILITY	a) Reference the Utility Unique Identifier (UUI) b) Reference Sewer Manhole Number (SMN) c) Reference Utility Information Tags (UIT)	E1, G1, OH15 S001, SMH-02 U001, U05	STATION RANGE	a) Reference the station of the begin & end of linear utility b) Reference the station location of utility appurtenance c) Reference the station location of manhole	01+23 - 45+67 01+23 01+23	OWNERSHIP	Reference utility owner by name or by Owner Ref Abbr from Title Sheet	LOCAL POWER CO. LPC
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET RANGE	a) Reference the offset of the begin & end of linear utility b) Reference the offset location of utility appurtenance c) Reference the offset location of manhole	15R - 15R 25L 25L	POLE DATA	Reference Owner Number, Height, Diameter and Material of pole	DPC123, 35', 12", WOOD
ALIGNMENT	Reference the Alignment used for Stationing Use design alignments when available	MAIN ST.	ITEM IN PLACE	a) Reference utility type, size & material b) Reference the utility appurtenance type c) Reference manhole	TELE, COPPER / GAS 6" DI U/G PEDESTAL SEWER MH	REMARKS MISC NOTES	a) Further details including capacity, etc. b) List Sewer rims and invert elevations c) List details and desc, sizes, record information, etc.	RIM=123.45, INV IN=123.45 INV OUT=123.45 RECORDS SHOW INFO
ROUTE ROAD	*All geometric data used will be referenced to the project datum*	MAIN ST. RELOC						



YORK COUNTY
SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

UTILITY DATA SHEET

SCALE: N/A RTE. US 21 DWG. NO. U3

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
PREPARED BY _____ CHK'D BY _____ REVIEWED BY _____			

POLE DATA

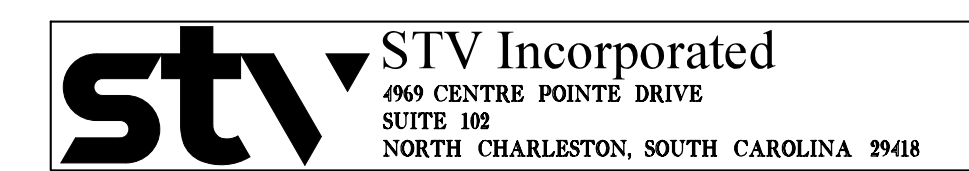
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	U4A

FOR INFORMATION ONLY

POLE	ALIGNMENT / ROUTE / RD	STATION	OFFSET	OWNER	POLE DATA				RIDING UTILITIES
					OWNER No	HEIGHT	DIAMETER	MATERIAL	
1				York Electric	40 N	33'	9"	Wood	Pwr
2				York Electric		39'	11"	Wood	Pwr
3				York Electric		24'	7"	Wood	Pwr
4				York Electric	OSN	42'	11"	Wood	Pwr
5				York Electric	OSN	43'	12"	Wood	Pwr
6				York Electric		24'	7"	Wood	Pwr
7				SCDOT	5133A/350-N-6497A	27'	15"	Concrete	Signal
8				York Electric		42'	11"	Wood	Pwr
9				York Electric		43'	11"	Wood	Pwr
10				York Electric		42'	11"	Wood	Pwr
11				SCDOT	8-150/350-5767A	27'	15"	Wood	Signal
12				York Electric		43'	11"	Concrete	Pwr
13				York Electric		12'	4x6	Wood	Pwr
14				York Electric		34'	10"	Wood	Pwr
15				York Electric		35'	10"	Wood	Pwr
16				York Electric		12'	4x6	Wood	Pwr
17				SCDOT	1-188/350N-6022A	27'	15"	Concrete	Signal
18				SCDOT	7-133A/350-N-6497A	27'	15"	Concrete	Signal, Pwr, Tel
19				York Electric	40N	42'	11"	Wood	Pwr
20				York Electric		34'	11"	Wood	Pwr
21				York Electric		38'	11"	Wood	Pwr
22				York Electric		29'	9"	Wood	Pwr
23				York Electric		38'	11"	Wood	Pwr
24				York Electric		33'	10"	Wood	Pwr
25				York Electric	20N	42'	11"	Wood	Pwr
26				York Electric		38'	11"	Wood	Pwr
27				York Electric		34'	10"	Wood	Pwr
28				York Electric		37'	11"	Wood	Pwr
29				Santee Cooper	16# 156475	60'	14"	Wood	Pwr
30				Santee Cooper	15# 165474	77'	14"	Wood	Pwr
31				Santee Cooper	14# 165473	68'	14"	Wood	Pwr
32				York Electric		36'	12"	Wood	Pwr
33				York Electric		40'	12"	Wood	Pwr
34				York Electric		40'	12"	Wood	Pwr
35				York Electric	30N 3CACA1	37'	11"	Wood	Pwr
36				York Electric		49'	14"	Wood	Pwr
37				York Electric		39'	11"	Wood	Pwr
38				York Electric		35'	10"	Wood	Pwr
39				York Electric		34'	10"	Wood	Pwr
40				York Electric	2ST	34'	10"	Wood	Pwr
41				York Electric		38'	10"	Wood	Pwr, Tel, Ctv
42				York Electric	10N	28'	10"	Wood	Pwr
43				York Electric		52'	12"	Wood	Pwr
44				York Electric	30N	42'	12"	Wood	Pwr
45				York Electric		34'	10"	Wood	Guy
46				York Electric	2 12	34'	10"	Wood	Pwr, Tel, Ctv
47				York Electric		24'	9"	Wood	Pwr
48				York Electric		24'	7"	Wood	Pwr, Tel, Ctv
49				York Electric	11	33'	9"	Wood	Pwr, Tel, Ctv
50				York Electric		24'	8"	Wood	Pwr, Tel, Ctv
51				York Electric		24'	8"	Wood	Pwr, Tel, Ctv
52				York Electric		32'	8"	Wood	Pwr, Tel, Ctv
53				York Electric		28'	8"	Wood	Pwr, Tel, Ctv
54				York Electric		44'	12"	Wood	Pwr
55				York Electric	30N	42'	12"	Wood	Pwr
56				York Electric		38'	11"	Wood	Guy
57				Comporium	3CAB1	24'	11"	Wood	Tel, Ctv
58				York Electric		22'	8"	Wood	Pwr
59				York Electric	22	32'	9"	Wood	Pwr, Tel, Ctv
60				York Electric		24'	9"	Wood	Pwr, Tel, Ctv
61				York Electric	3	33'	10"	Wood	Pwr, Tel, Ctv
62				York Electric		26'	7"	Wood	Pwr, Tel, Ctv
63				York Electric	4	34'	10"	Wood	Pwr, Tel, Ctv
64				York Electric		24'	8"	Wood	Pwr, Tel, Ctv
65				York Electric		11'	8"	Wood	Pwr, Tel, Ctv
66				York Electric		28'	8"	Wood	Pwr, Tel, Ctv
67				York Electric		24'	7"	Wood	Pwr, Tel, Ctv
68				York Electric		25'	7"	Wood	Pwr, Tel, Ctv
69				York Electric		29'	7"	Wood	Pwr, Tel, Ctv
70				York Electric	5	34'	9"	Wood	Pwr, Tel, Ctv
71				York Electric	AB6	34'	9"	Wood	Pwr, Tel, Ctv
72				Duke Power		93'		Metal	Pwr
73				Duke Power		90'		Metal	Pwr
74				York Electric		41'	12"	Wood	Pwr
75				York Electric		30'	9"	Wood	Pwr, Tel, Ctv
76				York Electric		29'	8"	Wood	Pwr, Tel, Ctv
77				York Electric		48'	14"	Wood	Pwr
78				York Electric		28'	9"	Wood	Guy
79				York Electric		25'	8"	Wood	Guy
80				York Electric		29'	9"	Wood	Guy
81				York Electric	11	43'	12"	Wood	Pwr, Tel, Ctv
82				York Electric		25'	8"	Wood	Pwr, Tel, Ctv
83				York Electric	3AAA 10	43'	12"	Wood	Pwr, Tel, Ctv
84				York Electric		25'	7"	Wood	Pwr, Tel, Ctv
85				York Electric		33'	10"	Wood	Pwr
86				York Electric		33'	10"	Wood	Pwr
87				York Electric		43'	12"	Wood	Pwr
88				York Electric		44'	12"	Wood	Pwr

UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
UTILITY	a) Reference the Utility Unique Identifier (UUI) b) Reference Sewer Manhole Number (SMN) c) Reference Utility Information Tags (UIT)	E1, G1, OH15 S001, SMH-02 U001, U05	STATION RANGE	a) Reference the station of the begin & end of linear utility b) Reference the station location of utility appurtenance c) Reference the station location of manhole	01+23 - 45+67 01+23 01+23	OWNERSHIP	Reference utility owner by name or by Owner Ref Abbr from Title Sheet	LOCAL POWER CO. LPC
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET RANGE	a) Reference the offset of the begin & end of linear utility b) Reference the offset location of utility appurtenance c) Reference the offset location of manhole	15R - 15R 25L 25L	POLE DATA	Reference Owner Number, Height, Diameter and Material of pole	DPC123, 35', 12", WOOD
ALIGNMENT ROUTE ROAD	Reference the Alignment used for Stationing Use design alignments when available *All geometric data used will be referenced to the project datum*	MAIN ST. MAIN ST. RELOC	ITEM IN PLACE	a) Reference utility type, size & material b) Reference the utility appurtenance type c) Reference manhole	TELE, COPPER / GAS 6" DI U/G PEDESTAL SEWER MH	REMARKS MISC NOTES	a) Further details including capacity, etc. b) List Sewer rims and Invert elevations c) List details and desc, sizes, record information, etc.	RIM=123.45, INV IN=123.45 INV OUT=123.45 RECORDS SHOW INFO



YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
POLE DATA SHEET**

SCALE: N/A RTE. US 21 DWG. NO. U4A

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
PREPARED BY		CHK'D BY	REVIEWED BY

POLE DATA

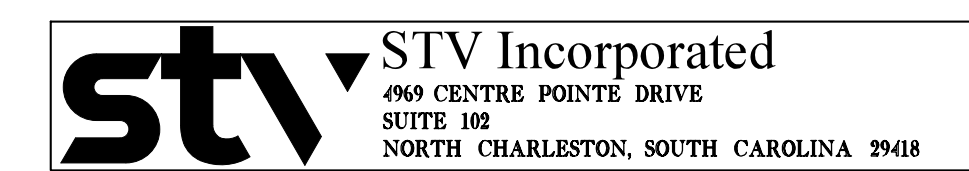
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	U4B

FOR INFORMATION ONLY

POLE	ALIGNMENT / ROUTE / RD	STATION	OFFSET	OWNER	POLE DATA				RIDING UTILITIES
					OWNER No	HEIGHT	DIAMETER	MATERIAL	
89				York Electric		43'	12"	Wood	Pwr, Tel, Ctv
90				York Electric	7	43'	11"	Wood	Pwr, Tel, Ctv
91				York Electric	6.5	43'	11"	Wood	Pwr, Tel, Ctv
92				York Electric	3C6	48'	13"	Wood	Pwr, Tel, Ctv
93				York Electric	20N	48'	12"	Wood	Pwr, Tel, Ctv
94				SCDOT	350-5698A	27'	15"	Concrete	Signal
95				SCDOT	350-698A	26'	15"	Concrete	Signal
96				SCDOT	350N-5698A	27'	15"	Concrete	Signal
97				SCDOT	350N-5614A	27'	15"	Concrete	Signal
98				York Electric		43'	12"	Wood	Pwr
99				York Electric		37'	12"	Wood	Pwr
100				York Electric		43'	12"	Wood	Pwr, Tel
101				York Electric		33'	10"	Wood	Pwr, Tel
102				York Electric		42'	11"	Wood	Pwr
103				York Electric		41'	11"	Wood	Pwr, Tel
104				York Electric	10N	32'	10"	Wood	Pwr
105				York Electric		33'	10"	Wood	Pwr
106				York Electric		33'	10"	Wood	Pwr
107				York Electric		24'	8"	Wood	Pwr
108				York Electric		33'	11"	Wood	Pwr
109				York Electric		42'	12"	Wood	Pwr
110				York Electric		43'	12"	Wood	Pwr
111				York Electric		24'	8"	Wood	Pwr
112				York Electric	40N	42'	12"	Wood	Pwr
113				York Electric		48'	12"	Wood	Pwr
114				York Electric	60N 40N	34'	12"	Wood	Pwr
115				York Electric		24'	8"	Wood	Pwr
116				York Electric		52'	12"	Wood	Pwr, Tel, Ctv
117				York Electric	3B4	43'	12"	Wood	Pwr, Tel, Ctv
118				York Electric		43'	12"	Wood	Pwr
119				York Electric		33'	10"	Wood	Pwr
120				York Electric		35'	10"	Wood	Pwr
121				York Electric		38'	11"	Wood	Pwr
122				York Electric	20N 4A	36'	10"	Wood	Pwr
123				York Electric		24'	7"	Wood	Pwr
124				York Electric		44'	11"	Wood	Pwr
125				York Electric	3BS	43'	11"	Wood	Pwr, Tel, Ctv
126				York Electric		29'	8"	Wood	Pwr, Tel, Ctv
127				York Electric		29'	8"	Wood	Pwr
128				York Electric		34'	10"	Wood	Pwr
129				York Electric		25'	8"	Wood	Pwr, Tel
130				York Electric		42'	12"	Wood	Pwr, Tel, Ctv
131				York Electric		42'	12"	Wood	Pwr
132				York Electric		44'	13"	Wood	Pwr
133				York Electric		44'	12"	Wood	Pwr, Tel, Ctv
134				York Electric		33'	10"	Wood	Pwr, Tel, Ctv
135				York Electric		29'	10"	Wood	Pwr, Tel, Ctv
136				York Electric		44'	11"	Wood	Pwr, Tel, Ctv
137				York Electric		38'	11"	Wood	Pwr, Tel, Ctv
138				York Electric	1ST	34'	10"	Wood	Pwr, Tel, Ctv
139				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
140				York Electric		29'	9"	Wood	Pwr
141				York Electric		30'	8"	Wood	Pwr, Tel, Ctv
142				York Electric		34'	9"	Wood	Pwr, Tel, Ctv
143				York Electric		34'	11"	Wood	Pwr, Tel, Ctv
144				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
145				York Electric		29'	9"	Wood	Tel, Ctv
146				York Electric		29'	9"	Wood	Tel, Ctv
147				York Electric		29'	8"	Wood	Pwr, Tel, Ctv
148				York Electric	3BAIC 5N 30N	37'	12"	Wood	Pwr, Tel
149				York Electric	30N	42'	12"	Wood	Pwr, Tel, Ctv
150				York Electric		43'	13"	Wood	Pwr, Tel, Ctv
151				York Electric	10N	33'	12"	Wood	Pwr, Tel, Ctv
152				York Electric		42'	13"	Wood	Pwr, Tel, Ctv
153				York Electric		28'	9"	Wood	Pwr
154				Comporium		30'	7"	Wood	Tel, Ctv
155				York Electric	30N	42'	11"	Wood	Pwr, Tel, Ctv
156				SCDOT		29'	13"	Wood	Signal
157				York Electric	40N	36'	11"	Wood	Pwr
158				York Electric	60N	38'	11"	Wood	Pwr
159				SCDOT		33'	11"	Wood	Signal
160				York Electric		13'	4x6	Wood	Pwr
161				York Electric		25'	8"	Wood	Pwr
162				SCDOT		30'	11"	Wood	Signal
163				York Electric		44'	12"	Wood	Pwr
164				York Electric		43'	12"	Wood	Pwr
165				York Electric	40N	44'	12"	Wood	Pwr, Tel, Ctv
166				York Electric		28'	8"	Wood	Pwr
167				York Electric		28'	10"	Wood	Pwr
168				York Electric		42'	12"	Wood	Pwr, Tel, Ctv
169				York Electric		20'	9"	Wood	Pwr
170				York Electric	5N	38'	12"	Wood	Pwr, Tel, Ctv
171				York Electric		28'	8"	Wood	Pwr
172				SCDOT	400N-5767B	30'	15"	Concrete	Signal
173				York Electric		24'	8"	Wood	Pwr
174				York Electric		25'	8"	Wood	Pwr, Ctv
175				York Electric	5A	28'	9"	Wood	Pwr, Tel, Ctv
176				York Electric		24'	8"	Wood	Pwr, Tel, Ctv

UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
UTILITY	a) Reference the Utility Unique Identifier (UUI) b) Reference Sewer Manhole Number (SMN) c) Reference Utility Information Tags (UIT)	E1, G1, OH15 S001, SMH-02 U001, U05	STATION RANGE	a) Reference the station of the begin & end of linear utility b) Reference the station location of utility appurtenance c) Reference the station location of manhole	01+23 - 45+67 01+23 01+23	OWNERSHIP	Reference utility owner by name or by Owner Ref Abbr from Title Sheet	LOCAL POWER CO. LPC
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET RANGE	a) Reference the offset of the begin & end of linear utility b) Reference the offset location of utility appurtenance c) Reference the offset location of manhole	15R - 15R 25L 25L	POLE DATA	Reference Owner Number, Height, Diameter and Material of pole	DPC123, 35', 12", WOOD
ALIGNMENT	Reference the Alignment used for Stationing Use design alignments when available	MAIN ST.	ITEM IN PLACE	a) Reference utility type, size & material b) Reference the utility appurtenance type c) Reference manhole	TELE, COPPER / GAS 6" DI U/G PEDESTAL SEWER MH	REMARKS MISC NOTES	a) Further details including capacity, etc. b) List Sewer rims and Invert elevations c) List details and desc, sizes, record information, etc.	RIM=123.45, INV IN=123.45 INV OUT=123.45 RECORDS SHOW INFO
ROUTE ROAD	*All geometric data used will be referenced to the project datum*	MAIN ST. RELOC						



YORK COUNTY
SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51 POLE DATA SHEET

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

POLE DATA

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	U4C

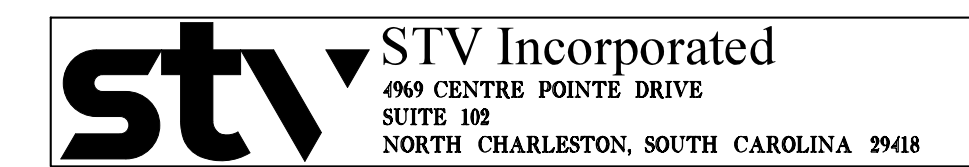
FOR INFORMATION ONLY

POLE	ALIGNMENT / ROUTE / RD	STATION	OFFSET	OWNER	POLE DATA				RIDING UTILITIES
					OWNER No	HEIGHT	DIAMETER	MATERIAL	
177				York Electric		24'	7"	Wood	Pwr
178				SCDOT	400-4558B	30'	15"	Concrete	Signal
179				York Electric		42'	11"	Wood	Pwr, Tel, Ctv
180				SCDOT	400M-5767B	29'	15"	Concrete	Signal
181				SCDOT	400M-4400A	29'	15"	Concrete	Signal
182				York Electric	30N	42'	13"	Wood	Pwr, Tel, Ctv
183				York Electric		41'	9"	Wood	Pwr, Tel, Ctv
184				York Electric		43'	12"	Wood	Pwr, Ctv
185				York Electric	50N	33'	11"	Wood	Pwr
186				York Electric		43'	11"	Wood	Pwr, Ctv
187				York Electric		42'	12"	Wood	Pwr, Ctv
188				York Electric		43'	11"	Wood	Pwr, Tel, Ctv
189				York Electric		34'	9"	Wood	Pwr, Tel, Ctv
190				York Electric		24'	8"	Wood	Pwr
191				York Electric		43'	10"	Wood	Pwr, Tel, Ctv
192				York Electric		42'	10"	Wood	Pwr, Tel, Ctv
193				York Electric		53'	13"	Wood	Pwr, Ctv
194				York Electric		25'	9"	Wood	Pwr
195				York Electric		52'	13"	Wood	Pwr
196				York Electric		43'	13"	Wood	Pwr
197				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
198				York Electric		33'	9"	Wood	Pwr, Tel, Ctv
199				York Electric		24'	7"	Wood	Pwr, Tel, Ctv
200				Fort Mill Telephone		27'	10"	Wood	Tel, Ctv
201				York Electric		43'	12"	Wood	Pwr
202				York Electric		42'	12"	Wood	Pwr
203				York Electric		34'	9"	Wood	Pwr
204				York Electric		47'	13"	Wood	Pwr, Tel, Ctv
205				SCDOT		28'	15"	Wood	Signal
206				SCDOT		28'	12"	Wood	Signal
207				York Electric		29'	9"	Wood	Guy
208				SCDOT		29'	11"	Wood	Signal
209				SCDOT		29'	11"	Wood	Signal
210				York Electric		23'	11"	Wood	Tel, Ctv
211				York Electric		43'	7"	Wood	Pwr, Tel, Ctv
212				York Electric		43'	12"	Wood	Pwr, Tel, Ctv
213				York Electric		33'	12"	Wood	Pwr
214				York Electric		39'	10"	Wood	Pwr
215				York Electric		29'	9"	Wood	
216				York Electric		43'	12"	Wood	Pwr, Ctv
217				York Electric		36'	11"	Wood	Pwr, Tel
218				York Electric	30N	38'	11"	Wood	Pwr, Tel
219				York Electric		29'	8"	Wood	Pwr, Tel
220				York Electric		24'	8"	Wood	Pwr
221				SCDOT		32'	15"	Concrete	Signal
222				SCDOT		31'	15"	Concrete	Signal
223				SCDOT		32'	15"	Concrete	Signal
224				York Electric	20	34'	9"	Wood	Pwr
225				SCDOT		31'	15"	Concrete	Signal
226				York Electric		39'	11"	Wood	Pwr
227				York Electric		21'	9"	Wood	Pwr
228				York Electric		34'	10"	Wood	Pwr, Tel
229				York Electric		33'	10"	Wood	Pwr, Tel
230				York Electric	15N	44'	11"	Wood	Pwr, Tel
231				York Electric	30N	33'	9"	Wood	Pwr, Tel
232				York Electric		34'	10"	Wood	Pwr, Tel
233				Comporium		25'	8"	Wood	Tel
234				York Electric		36'	10"	Wood	Pwr
235				Comporium		30'	8"	Wood	Tel, Ctv
236				York Electric	BN1	40'	10"	Wood	Pwr, Tel, Ctv
237				York Electric		39'	10"	Wood	Pwr, Tel, Ctv
238				York Electric		23'	8"	Wood	Pwr
239				York Electric		37'	11"	Wood	Pwr
240				York Electric		38'	11"	Wood	Pwr, Tel
241				York Electric		36'	11"	Wood	Pwr, Tel
242				York Electric		42'	13"	Wood	Pwr, Tel
243				York Electric		34'	10"	Wood	Pwr
244				York Electric		36'	10"	Wood	Pwr
245				York Electric		34'	10"	Wood	Pwr
246				York Electric		38'	11"	Wood	Pwr, Tel
247				York Electric		30'	9"	Wood	Pwr
248				York Electric		34'	11"	Wood	Pwr, Tel
249				York Electric		38'	11"	Wood	Pwr, Tel
250				York Electric		32'	10"	Wood	Pwr, Tel
251				York Electric	3BP5	42'	13"	Wood	Pwr, Tel
252				York Electric		38'	11"	Wood	Pwr
253				York Electric		32'	9"	Wood	Pwr
254				York Electric		33'	11"	Wood	Pwr
255				York Electric		36'	11"	Wood	Pwr, Tel, Ctv
256				York Electric		33'	11"	Wood	Pwr, Tel, Ctv
257				York Electric		37'	10"	Wood	Pwr, Tel, Ctv
258				York Electric	3BP912 15N	35'	11"	Wood	Pwr, Tel, Ctv
259				York Electric	5N	37'	11"	Wood	Pwr, Tel, Ctv
260				York Electric		38'	11"	Wood	Pwr, Tel, Ctv
261				Comporium		34'	10"	Wood	Pwr, Tel, Ctv
262				York Electric		35'	10"	Wood	Pwr
263				York Electric		34'	11"	Wood	Pwr
264				York Electric		33'	8"	Wood	Pwr, Tel, Ctv

UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
UTILITY	a) Reference the Utility Unique Identifier (UUI) b) Reference Sewer Manhole Number (SMN) c) Reference Utility Information Tags (UIT)	E1, G1, OH15 S001, SMH-02 U001, U05	STATION RANGE	a) Reference the station of the begin & end of linear utility b) Reference the station location of utility appurtenance c) Reference the station location of manhole	01+23 - 45+67 01+23 01+23	OWNERSHIP	Reference utility owner by name or by Owner Ref Abbr from Title Sheet	LOCAL POWER CO. LPC
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET RANGE	a) Reference the offset of the begin & end of linear utility b) Reference the offset location of utility appurtenance c) Reference the offset location of manhole	15R - 15R 25L 25L	POLE DATA	Reference Owner Number, Height, Diameter and Material of pole	DPC123, 35', 12", WOOD
ALIGNMENT ROUTE ROAD	Reference the Alignment used for Stationing Use design alignments when available *All geometric data used will be referenced to the project datum*	MAIN ST. MAIN ST. RELOC	ITEM IN PLACE	a) Reference utility type, size & material b) Reference the utility appurtenance type c) Reference manhole	TELE, COPPER / GAS 6" DI U/G PEDESTAL SEWER MH	REMARKS MISC NOTES	a) Further details including capacity, etc. b) List Sewer rims and Invert elevations c) List details and desc, sizes, record information, etc.	RIM=123.45, INV IN=123.45 INV OUT=123.45 RECORDS SHOW INFO

6			
5			
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2			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	PREPARED BY	CHK'D BY	REVIEWED BY



YORK COUNTY
SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51 POLE DATA SHEET

POLE DATA

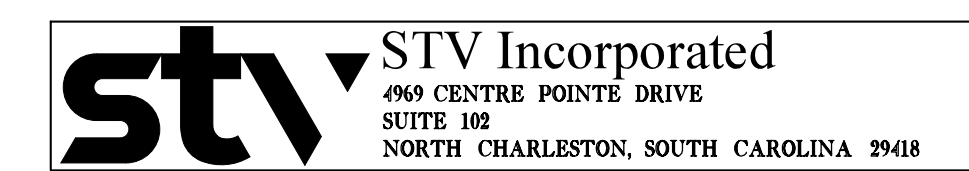
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	U4D

FOR INFORMATION ONLY

POLE	ALIGNMENT / ROUTE / RD	STATION	OFFSET	OWNER	POLE DATA				RIDING UTILITIES
					OWNER No	HEIGHT	DIAMETER	MATERIAL	
265				York Electric		24'	10"	Wood	Pwr
266				York Electric	4.5	36'	11"	Wood	Pwr, Tel, Ctv
267				Comporium		33'	8"	Wood	Pwr, Tel, Ctv
268				York Electric		24'	9"	Wood	Pwr, Tel
269				Comporium		25'	10"	Wood	Tel
270				York Electric		30'	10"	Wood	Pwr
271				York Electric		26'	9"	Wood	Pwr
272				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
273				Duke Power		92'		Metal	Pwr
274				York Electric		33'	10"	Wood	Pwr
275				York Electric		32'	10"	Wood	Pwr, Tel, Ctv
276				York Electric		34'	11"	Wood	Pwr, Tel, Ctv
277				Comporium		34'	10"	Wood	Pwr, Tel, Ctv
278				York Electric	3B16	43'	12"	Wood	Pwr, Tel, Ctv
279				SCDOT	350N-5299B	28'	15"	Concrete	Signal
280				York Electric		25'	8"	Wood	Pwr, Tel
281				SCDOT		28'	15"	Concrete	Signal
282				SCDOT	E-350N-5299B	28'	15"	Concrete	Signal
283				SCDOT	350N-5299B	28'	15"	Concrete	Signal
284				York Electric	3B17	43'	13"	Wood	Pwr, Tel, Ctv
285				York Electric	3BE20	30'	10"	Wood	Pwr, Tel, Ctv
286				York Electric		29'	10"	Wood	Pwr
287				York Electric		33'	10"	Wood	Pwr, Tel, Ctv
288				York Electric		28'	9"	Wood	Pwr
289				Duke Power	5	43'	11"	Wood	Pwr
290				Duke Power		105'		Metal	Pwr
291				York Electric	30N	31'	10"	Wood	Pwr, Tel, Ctv
292				Duke Power	1	42'	13"	Wood	Pwr, Tel
293				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
294				Duke Power	2	51'	13"	Wood	Pwr
295				York Electric	99	35'	12"	Wood	Pwr, Tel
296				York Electric		34'	9"	Wood	Pwr
297				York Electric	3BEC1	34'	10"	Wood	Pwr, Tel, Ctv
298				York Electric		33'	9"	Wood	Pwr
299				York Electric		34'	11"	Wood	Pwr
300				York Electric		35'	10"	Wood	Pwr, Tel, Ctv
301				York Electric		39'	11"	Wood	Pwr, Tel, Ctv
302				York Electric		34'	9"	Wood	Pwr, Tel, Ctv
303				York Electric		43'	12"	Wood	Pwr, Tel, Ctv
304				York Electric		43'	12"	Wood	Pwr, Tel, Ctv
305				York Electric		38'	10"	Wood	Pwr, Tel, Ctv
306				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
307				York Electric		39'	11"	Wood	Pwr
308				York Electric		38'	11"	Wood	Pwr
309				York Electric	30N	33'	12"	Wood	Pwr
310				York Electric		39'	12"	Wood	Pwr
311				York Electric	20N	39'	12"	Wood	Pwr
312				York Electric		34'	10"	Wood	Pwr, Tel, Ctv
313				York Electric		30'	9"	Wood	Pwr, Tel
314				York Electric	23	37'	10"	Wood	Pwr, Tel
315				York Electric		38'	11"	Wood	Pwr
316				Duke Power		90'		Metal	Pwr
317				York Electric		38'	10"	Wood	Pwr, Tel, Ctv, Signal
318				York Electric		38'	12"	Wood	Pwr, Tel, Ctv
319				York Electric		38'	12"	Wood	Pwr, Tel, Ctv, Signal
320				York Electric		38'	12"	Wood	Pwr, Tel, Ctv, Signal
321				York Electric	30N	38'	10"	Wood	Pwr, Tel, Ctv, Signal
322				York Electric		29'	9"	Wood	Pwr
323				York Electric		29'	9"	Wood	Pwr
324				York Electric		28'	9"	Wood	Pwr
325				York Electric		26'	9"	Wood	Pwr
326				York Electric		29'	9"	Wood	Pwr
327				York Electric		24'	9"	Wood	Pwr
328				York Electric	30N	33'	10"	Wood	Pwr
329				York Electric	12N	34'	9"	Wood	Pwr
330				York Electric		33'	12"	Wood	Pwr
331				York Electric		33'	10"	Wood	Pwr
332				York Electric		35'	10"	Wood	Pwr
333				York Electric		33'	11"	Wood	Pwr
334				York Electric		33'	10"	Wood	Pwr
335				York Electric		34'	12"	Wood	Pwr
336				York Electric		34'	10"	Wood	Pwr
337				York Electric		24'	9"	Wood	Pwr
338				York Electric		34'	10"	Wood	Pwr
339				York Electric			11"	Wood	Pwr
340				SCDOT			11"	Wood	Signal
341				York Electric			11"	Wood	Pwr, Tel
342				SCDOT			11"	Wood	Signal
343				York Electric			11"	Wood	Pwr
344				York Electric			11"	Wood	Pwr
345				York Electric			11"	Wood	Pwr, Ctv
346				Duke Power			13"	Wood	Pwr
347				York Electric	30N		11"	Wood	Pwr, Ctv

UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
UTILITY	a) Reference the Utility Unique Identifier (UUI) b) Reference Sewer Manhole Number (SMN) c) Reference Utility Information Tags (UIT)	E1, G1, OH15 S001, SMH-02 U001, U05	STATION RANGE	a) Reference the station of the begin & end of linear utility b) Reference the station location of utility appurtenance c) Reference the station location of manhole	01+23 - 45+67 01+23 01+23	OWNERSHIP	Reference utility owner by name or by Owner Ref Abbr from Title Sheet	LOCAL POWER CO. LPC
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ALIGNMENT ROUTE ROAD	Reference the Alignment used for Stationing Use design alignments when available *All geometric data used will be referenced to the project datum*	MAIN ST. MAIN ST. RELOC	ITEM IN PLACE	a) Reference utility type, size & material b) Reference the utility appurtenance type c) Reference manhole	TELE, COPPER / GAS 6" DI U/G PEDESTAL SEWER MH	REMARKS MISC NOTES	a) Further details including capacity, etc. b) List Sewer rims and Invert elevations c) List details and desc, sizes, record information, etc.	RIM=123.45, INV IN=123.45 INV OUT=123.45 RECORDS SHOW INFO



YORK COUNTY
SOUTH CAROLINA

**US 21 NORTH PHASE 1 & SC 51
POLE DATA SHEET**

SCALE: N/A RTE. US 21 DWG. NO. U4D

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1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	PREPARED BY	CHK'D BY	REVIEWED BY

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 IS REQUIRED TO CONTACT 811 AS WELL AS THE NON-811 MEMBER UTILITIES THREE DAYS PRIOR TO EXCAVATING ACTIVITIES.
1-888-721-7877

SPECIAL PROVISIONS

UTILITY STAKING:

CONTRACTOR SHALL BE AWARE ON AS NEEDED BASIS, UTILITIES MAY REQUEST STAKING OF CONSTRUCTION ITEMS AND RIGHT-OF-WAY TO HELP FACILITATE RELOCATIONS AND TO AVOID POTENTIAL CONFLICT WITH ROADWAY CONSTRUCTION AND OTHER UTILITIES.

UTILITY RELOCATION CLEARING SEQUENCE:

UTILITY RELOCATION APPROACH:

IT IS THE INTENTION OF THE UTILITIES TO RELOCATE ACCORDING TO THE FOLLOWING CONSTRUCTION SEQUENCE. THE CLEARING CONTRACTOR SHALL CLEAR AND GRUB ACCORDING TO THE PRIORITY SHOWN IN CHART.

IT IS THE INTENT THAT UTILITIES WILL START WORKING IN ALL AVAILABLE LOCATIONS, WHERE AND WHEN POSSIBLE, EXISTING UTILITIES WILL REMAIN ACTIVE UNTIL ALL NEW FACILITIES ARE INSTALLED AND CUT OVER.

FOR INFORMATION ONLY

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	US

KEY	notifications (permitting, procurement, scheduling)	Project Bid (Early C&G only)
	active relocation/ construction activity	NTP
	some activity	Contractor on-site for C&G operations
	no activity	Utility Window

****THIS BAR CHART IS FOR INFORMATION ONLY. THE PURPOSE IS TO VISUALLY SHOW THE ORDER OF UTILITY RELOCATIONS IN RELATION TO OTHER CONSTRUCTION ACTIVITY AND NEEDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY UTILITY RELOCATION STATUS. CONTRACTOR ACTIVITY FOR THE PROJECT WILL EXTEND FURTHER THAN WHAT IS SHOWN.**

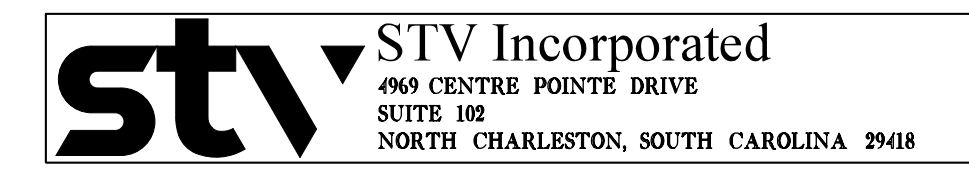
US 21/ SC 51 Widening (Updated Sept 2023)		0M	1M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M	13M	14M	15M	16M	17M	18M	19M	20M	21M	22M	23M	24M	25M	26M	27M	28M	29M	30M	31M	32M	33M	34M	35M	36M
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PROJECT CONSTRUCTION	Clearing & Grubbing, Utility Prep	PR#1			PR#2			PR#3																														
	Utility Window	UTILITY WINDOW (does not indicate no available roadway)																																				
	Contractor Activity (LET DATE TBD)																									WO#1 (Culverts on US 21; new Gold Hill and Flint Rd; Some portions of US 21)				WO#2: Remaining project (Completion date - TBD)								

UTILITY RELOCATION WORK ORDER (SEE DETAILS BELOW) - ALL UTILITY RELOCATIONS WILL BEGIN UNDER EARLY CLEARING AND GRUBBING CONTRACT. UPDATES WILL BE MADE AT THE TIME OF OVERALL PROJECT LET.

UTILITY RELOCATIONS	Overhead																																					
	York Electric Coop	WO #1			WO #2			WO #3																														
	Charter	WO #1			WO #2			WO #3																														
	Verizon	WO #1			WO #2			WO #3																														
	Lumen	WO #1			WO #3																																	
	Underground																																					
	Verizon (T6)	WO #4																																				
	Charter (TV2, T2)	WO #4																																				
	Lumen (T4)	WO #2																																				
	Zayo	WO #1			WO #2																																	
	Comporium	WO #1			WO #2																																	
	YCNCA	WO #1																																				
	Windstream	WO #																																				
	AT&T (completed)																																					
	YC Water and Sewer	In-Contract (IC)																																				
	Fern Forest Water	In-Contract												IC																								

WORK AREAS, CONTRACTOR ACTIVITY, AND PRECEDING RELOCATION REQUIRED FOR UTILITY RELOCATION			
<p>York Electric Cooperative (E1): WO #1: SC 51 (need clearing and new alignment graded) WO #2: Old Nations to SC 51 WO#3: Remaining US 21 (require fill efforts from prime)</p> <p>Charter (TV2, T2): WO #1: SC 51 (need clearing/grading & YEC OH) WO #2: Old Nations to SC 48 (need clearing/grading & YEC OH) WO #3: Remaining US 21 (need YEC OH) WO #4: US 21 - UG from Sta 45+00 to 72+00</p> <p>Verizon (T6): WO #1: SC 51 (need clearing/grading & YEC OH) WO #2: Old Nations to SC 48 (need clearing/grading & YEC OH) WO #3: Remaining US 21 (need YEC OH) WO #4: US 21 - UG from Sta 45+00 to 61+00</p>	<p>Zayo (T5): WO #1: Gold Hill to SC 51 & SC 51 (need clearing/grading) WO #2: SC 460 to Gold Hill (need clearing/grading)</p> <p>Comporium (T1): WO #1: Gold Hill to SC 51 & SC 51 (need clearing/grading) WO #2: SC 460 to Gold Hill (need clearing/grading)</p> <p>AT&T (T3): Work is complete for Encroachment #A029Y30</p> <p>Windstream: WO #1: Adjust as needed; 1 month notification</p>	<p>Lumen (T4): WO #1: Old Nations to end of SC 51 (OH) (need YEC & Tele OH) WO #2: Gold Hill to Old Nations (UG only) (need C&G) WO #3: All remaining OH (need YEC OH & Other OH Telecoms)</p> <p>YCNCA (G1): WO #1: SC 51 (need clearing & grubbing) WO#2: All remaining relocations</p> <p>York County Water/Sewer (W1/SS1): In-contract</p> <p>Fern Forest Water (T2): In-contract (2 parts)</p>	<p>Clearing Priorities: PR#1: C&G SC51 and Flint Hill Road (new and existing); Includes rough grading new alignments of existing ground PR#2: C&G RT/LT Side from Gold Hill to SC 43 and cut from Sta 44+00 to 54+00 LT on US 21; Includes rough grading for new alignment for Gold Hill of existing ground PR#3: Remaining project</p>

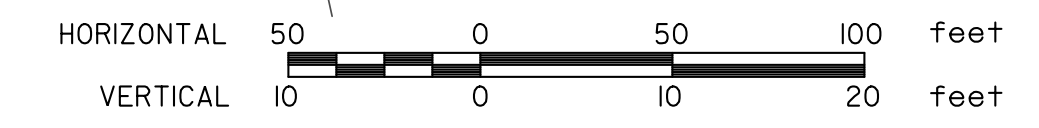
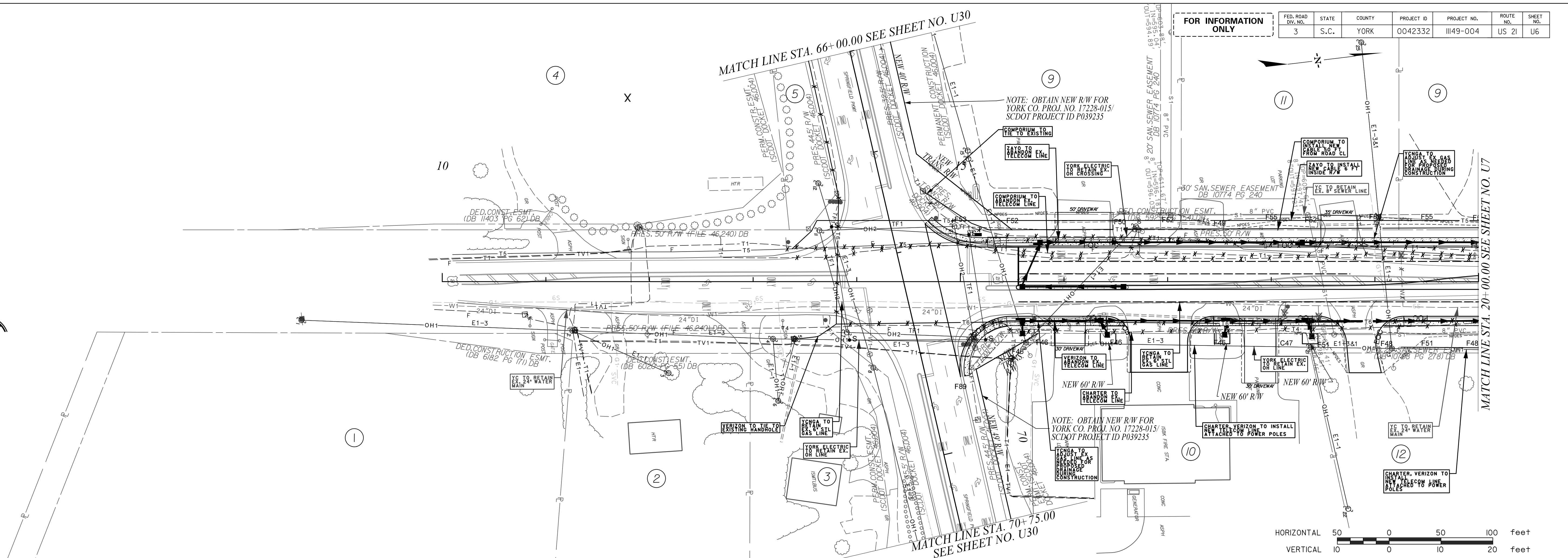


YORK COUNTY SOUTH CAROLINA	
US 21 NORTH PHASE 1 & SC 51	
UTILITY GENERAL NOTES SHEET	
REV. NO.	DESCRIPTION OF REVISION
BY	DATE
PREPARED BY	CHK'D BY
REVIEWED BY	

SCALE: N/A RTE. US 21 DWG. NO. U5

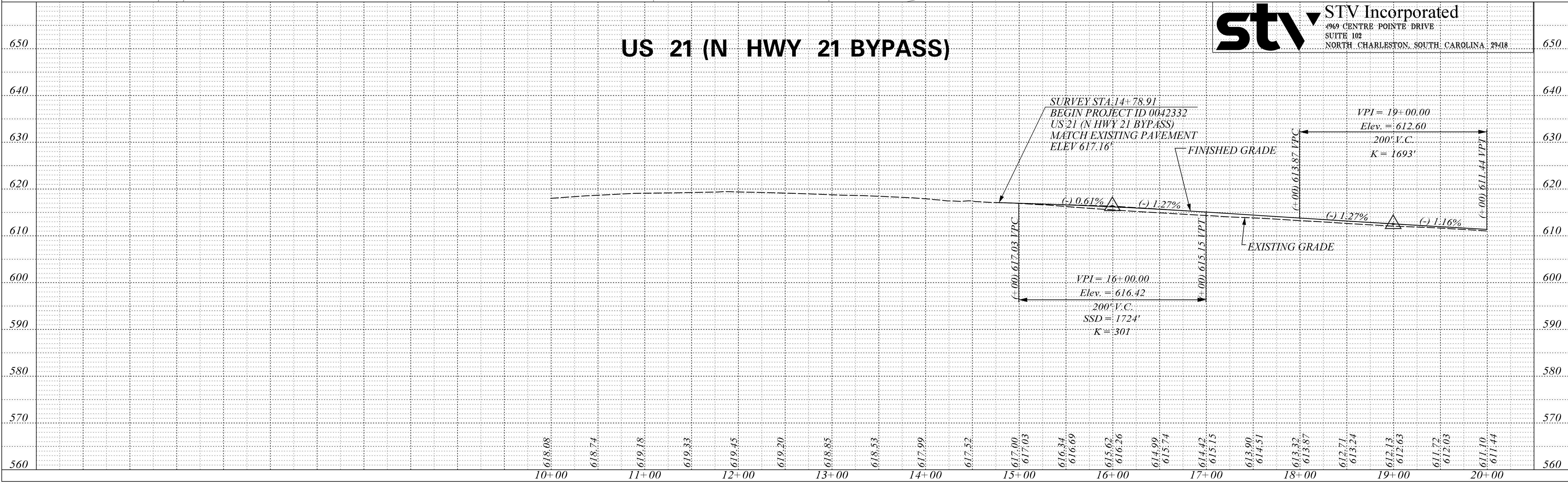
PHASE 3 UTILITY RELOCATIONS NOTES:
 COMPROMISE TO RELOCATE AFTER CLEARING
 ERECT TO RETAIN ON LINE AFTER FOREST
 DRIVE
 RELOCATE AND VERIZON WILL FOLLOW YEC
 RATIO TO RELOCATE ON LINE SUB TO GOLD
 HILL ROAD AFTER CLEARING EFFORTS.

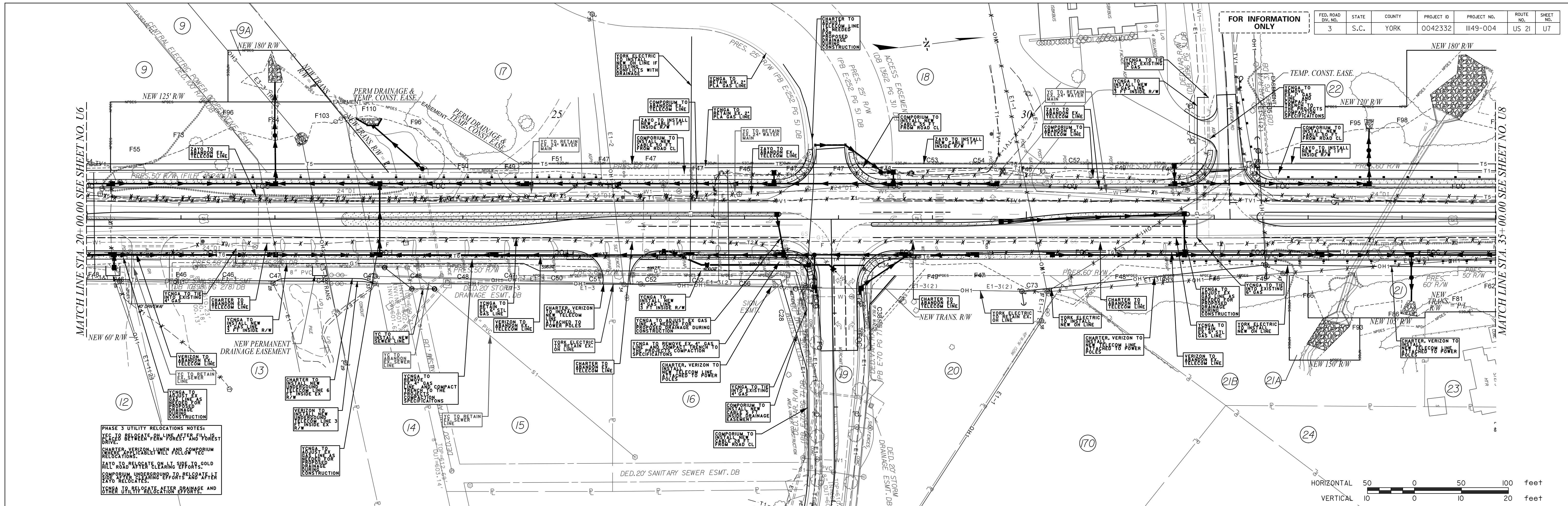
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	U6



US 21 (N HWY 21 BYPASS)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



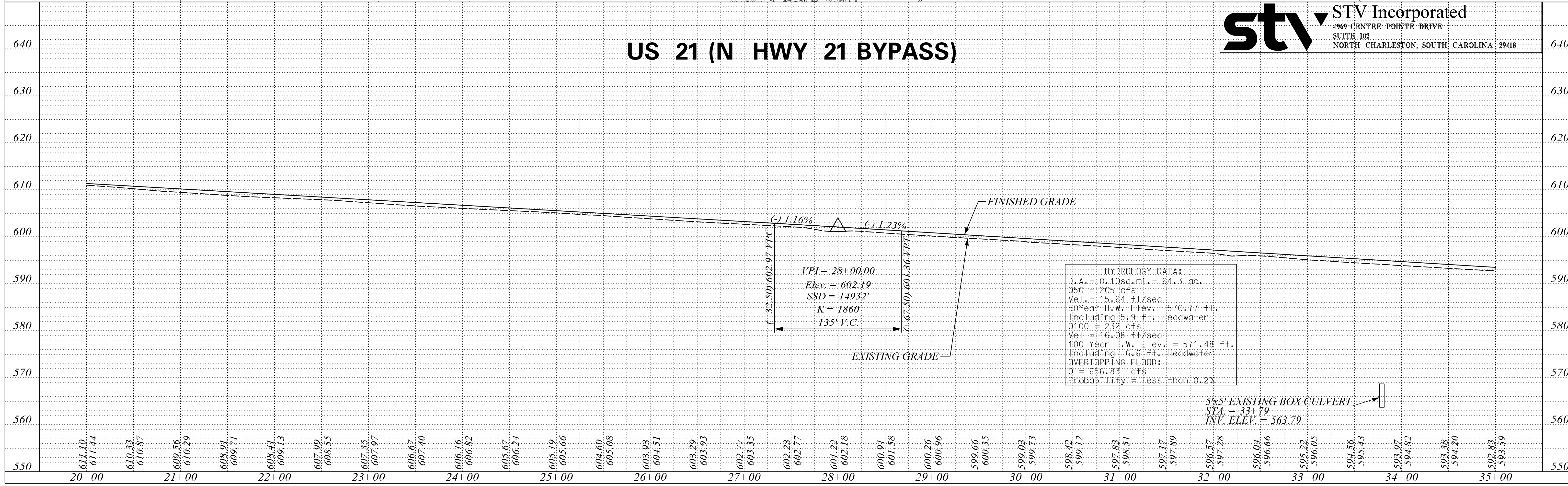
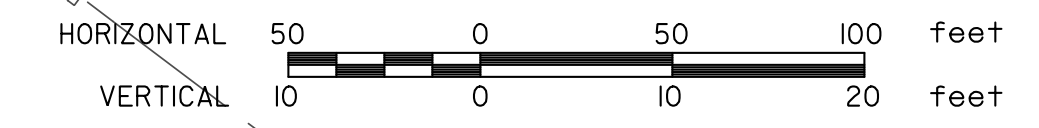


MATCH LINE STA. 20+00.00 SEE SHEET NO. U6

MATCH LINE STA. 35+00.00 SEE SHEET NO. U8

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	U7

PHASE 3 UTILITY RELOCATIONS NOTES:
 YES TO BEHIND PERM FOREST AND FOREST
 CHARTER, VERIZON, LUMEN AND COMPTON
 RELOCATIONS.
 RAILROADS ARE GREAT EFFORTS, GOLD
 COMPROMISE UNDERGROUND OR BEHIND
 EXISTING RELOCATES.
 OTHER UTILITY RELOCATION EFFORTS AND

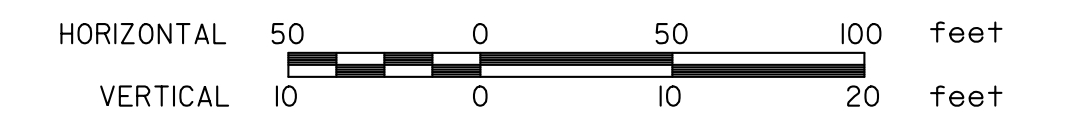
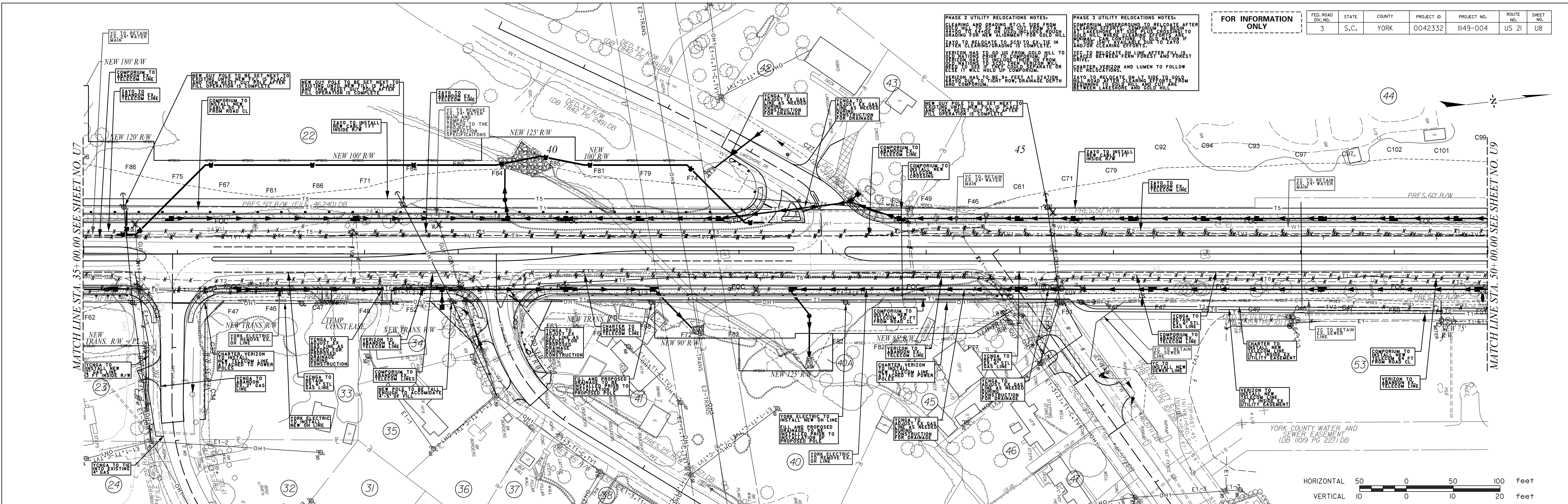


FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	UB

FOR INFORMATION ONLY

PHASE 2 UTILITY RELOCATIONS NOTES:
 CLEARING AND GRADING SHALL BE FROM THE EXISTING RIGHT OF WAY TO THE PROPOSED RIGHT OF WAY. ALL UTILITIES SHALL BE RELOCATED TO THE PROPOSED RIGHT OF WAY. ALL UTILITIES SHALL BE RELOCATED TO THE PROPOSED RIGHT OF WAY. ALL UTILITIES SHALL BE RELOCATED TO THE PROPOSED RIGHT OF WAY.

PHASE 3 UTILITY RELOCATIONS NOTES:
 COMPORUM UNDERGROUND TO BE RELOCATED AFTER GRADING. ALL UTILITIES SHALL BE RELOCATED TO THE PROPOSED RIGHT OF WAY. ALL UTILITIES SHALL BE RELOCATED TO THE PROPOSED RIGHT OF WAY. ALL UTILITIES SHALL BE RELOCATED TO THE PROPOSED RIGHT OF WAY.

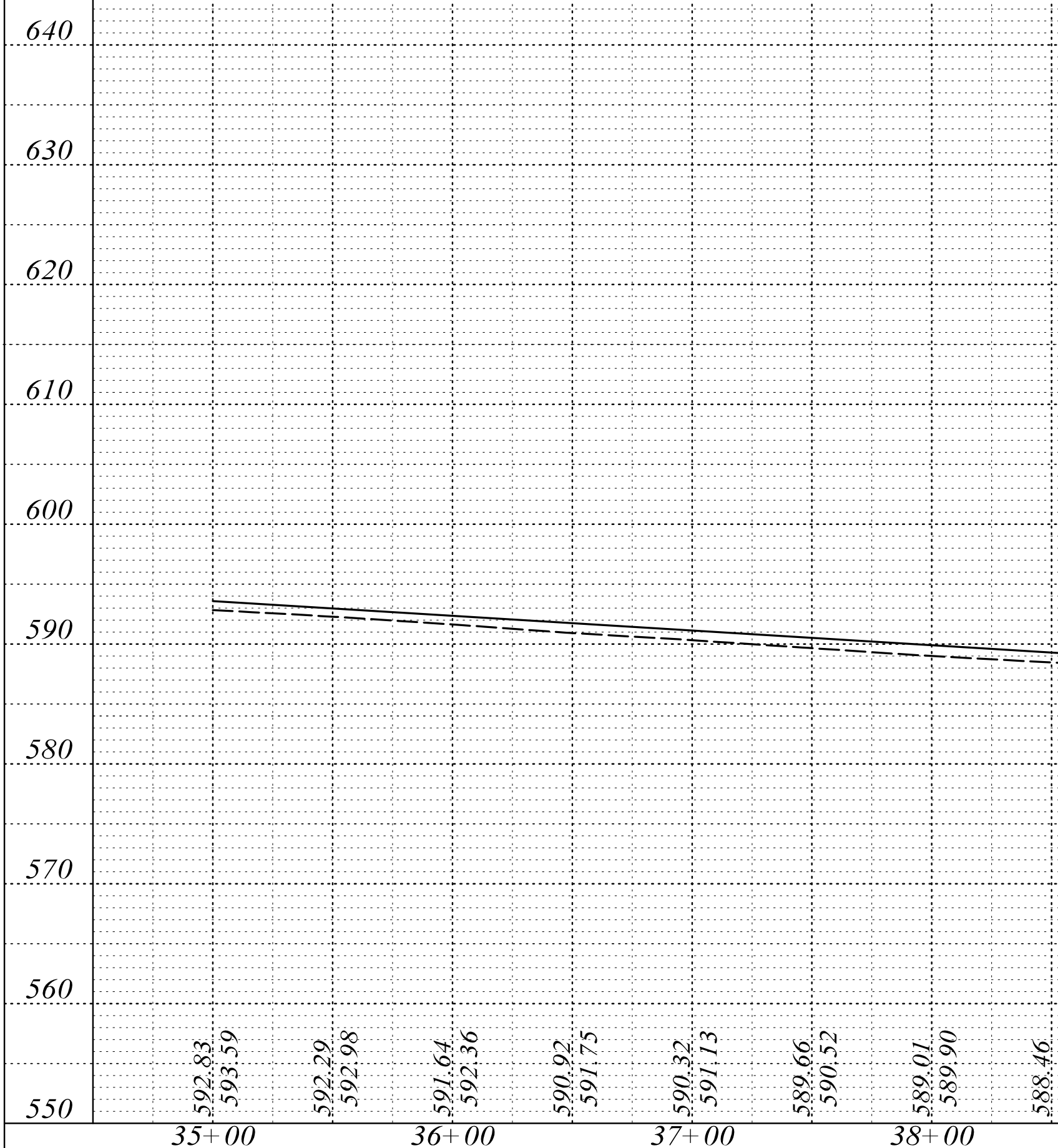
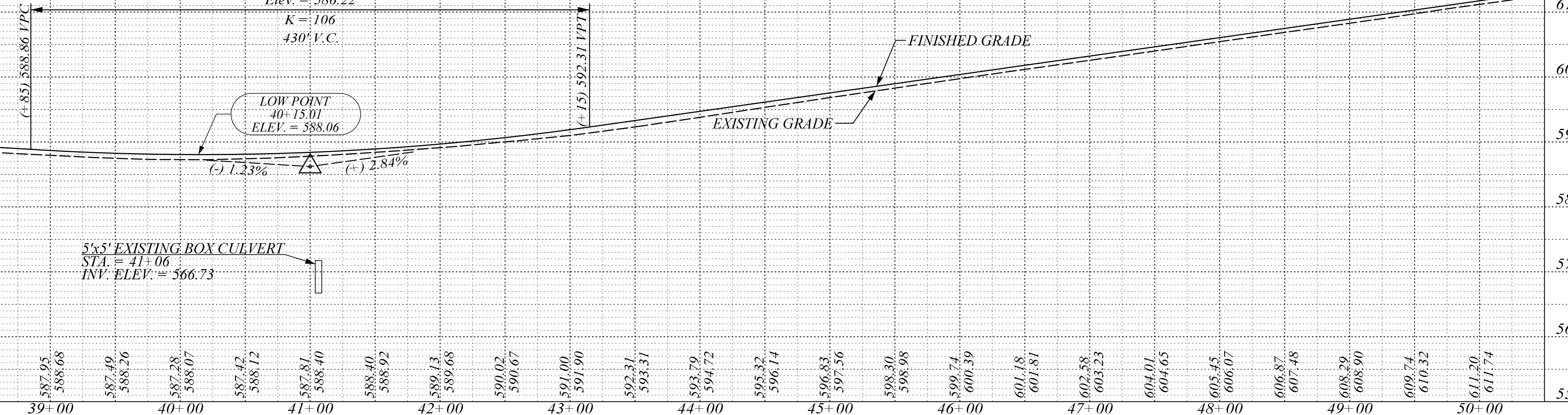


US 21 (N HWY 21 BYPASS)

STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

HYDROLOGY DATA:
 D.A. = 0.142sq.mi. = 90.9 ac.
 Q50 = 249 cfs
 Vel = 14.65 ft/sec
 50 Year H.W. Elev. = 574.56 ft.
 Including 7.1 ft. Headwater
 Q100 = 281 cfs
 Vel = 15.06 ft/sec
 100 Year H.W. Elev. = 575.56 ft.
 Including 8.1 ft. Headwater
VERTICALLY OVERTOPPING FLOOD:
 Q = 539.95 cfs
 Probability = less than 0.2%

VPI = 41+00.00
 Elev. = 586.22
 K = 106
 430' V.C.

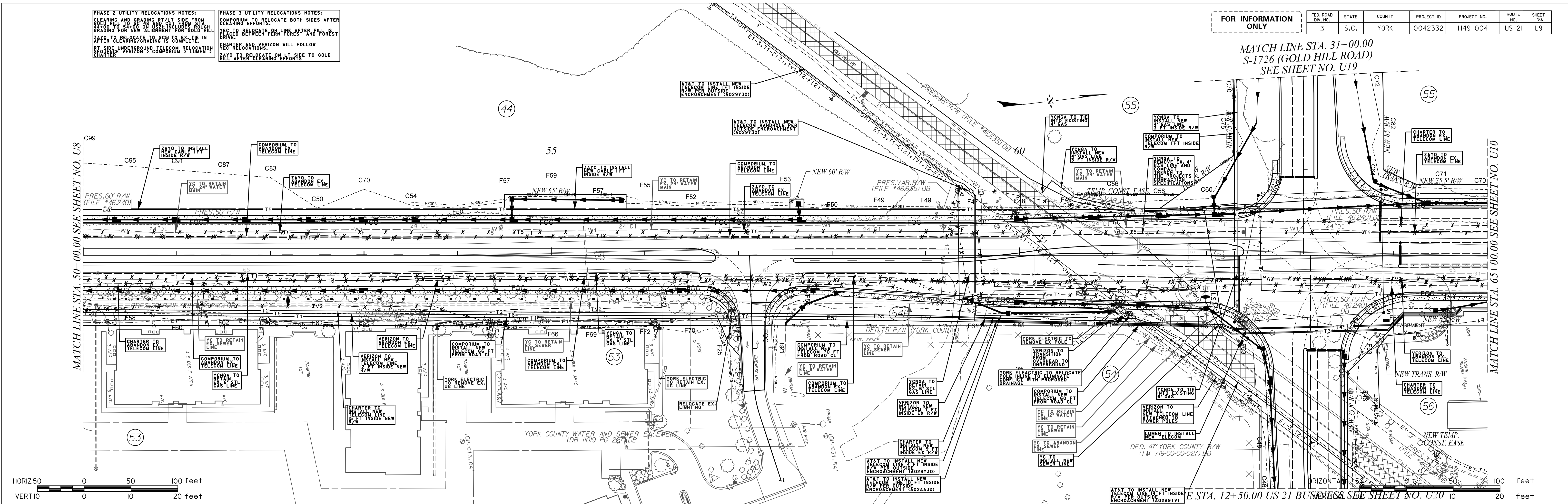


PHASE 2 UTILITY RELOCATIONS NOTES:
 CLEARING AND GRADING AT LOT SIDE FROM
 GRADING FOR USE ON ORSIDE OF ROAD SHALL
 APPLY TO CLEARING AND GRADING IS TO BE COMPLETE IN
 ORDER FOR VERIZON AND COMCAST RELOCATION
 CHARTER

PHASE 3 UTILITY RELOCATIONS NOTES:
 COMPROMISE TO RELOCATE BOTH SIDES AFTER
 CLEARING EFFORTS.
 NOTES TO BE KEPT BETWEEN FOREST AND FOREST
 CLEARER AND VERIZON WILL FOLLOW
 RELOCATION.
 ALL AFTER CLEARING EFFORTS

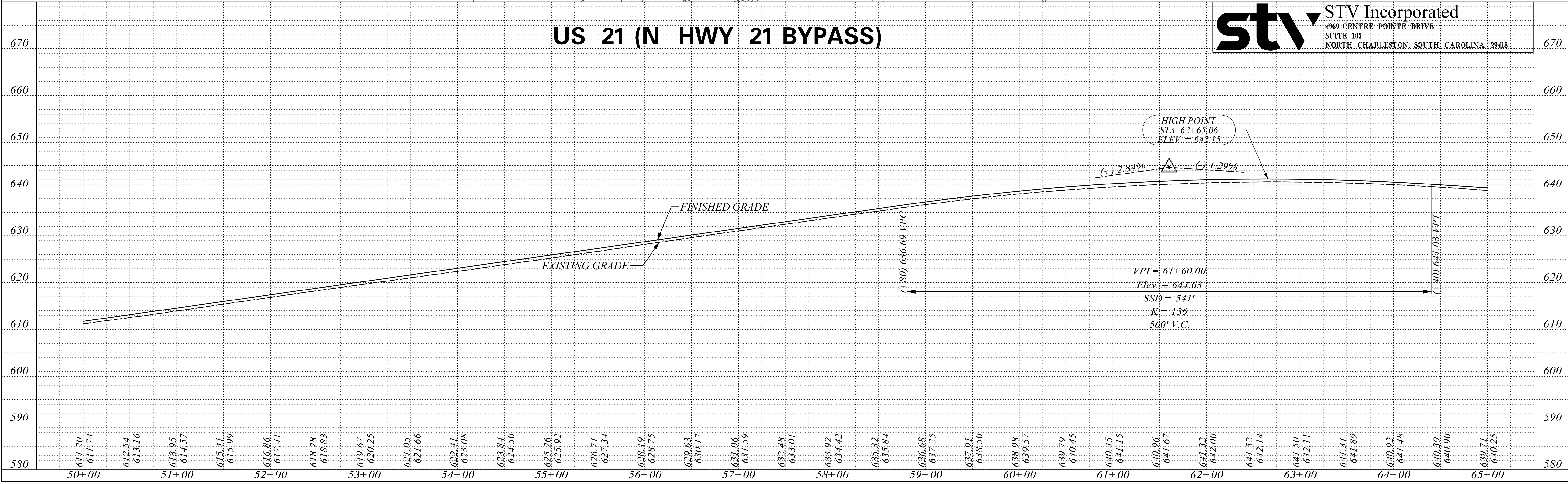
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	U9

FOR INFORMATION ONLY
 MATCH LINE STA. 31+00.00
 S-1726 (GOLD HILL ROAD)
 SEE SHEET NO. U19



US 21 (N HWY 21 BYPASS)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

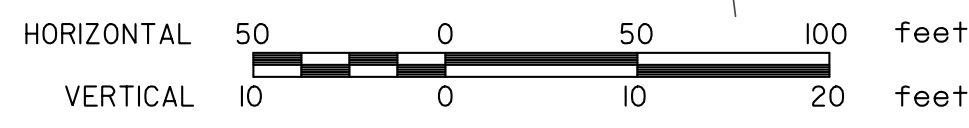
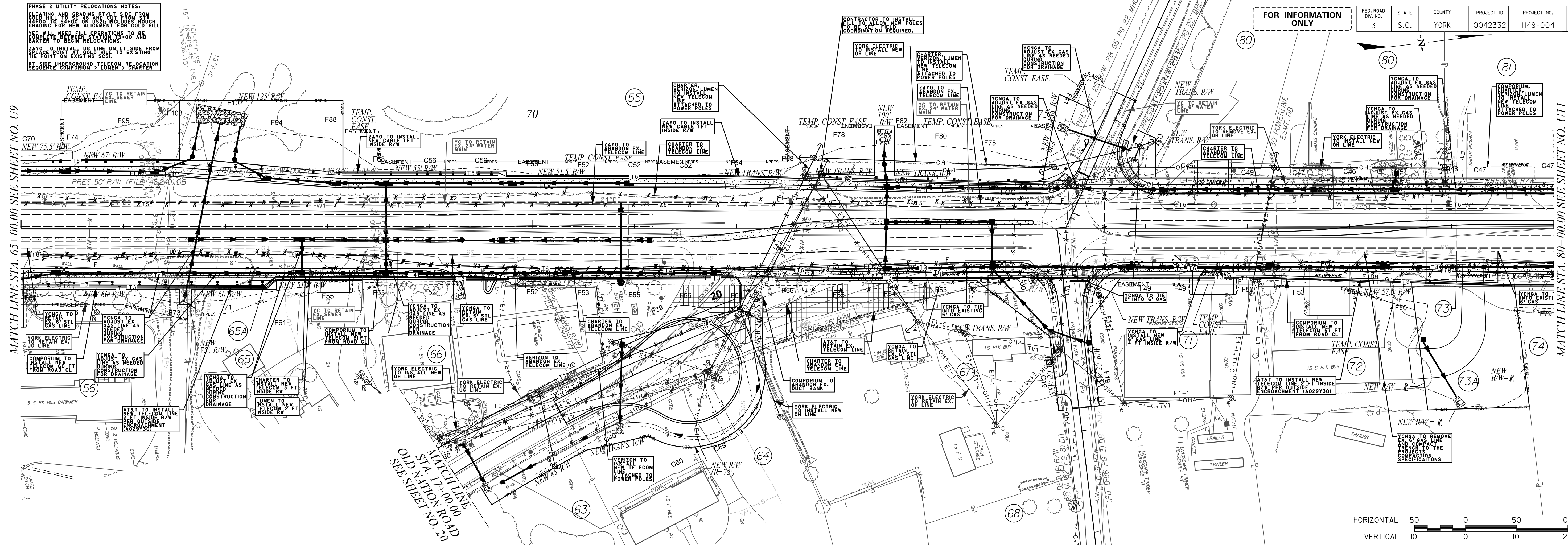


PHASE 2 UTILITY RELOCATIONS NOTES:
 CLEARING AND GRADING AT CUT SIDE FROM
 GRADING FOR OR ON ORIGINAL FORECOURT.
 YES WILL NEED FULL OPERATIONS TO BE
 BARTER TO BEGIN RELOCATIONS.
 SAYO TO INSTALL US LINE FROM EXISTING
 FROM THE POSITION EXISTING SCST.
 SEQUENCE: "CORPORUM", "FEDER", "CHARTER"

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	UIO

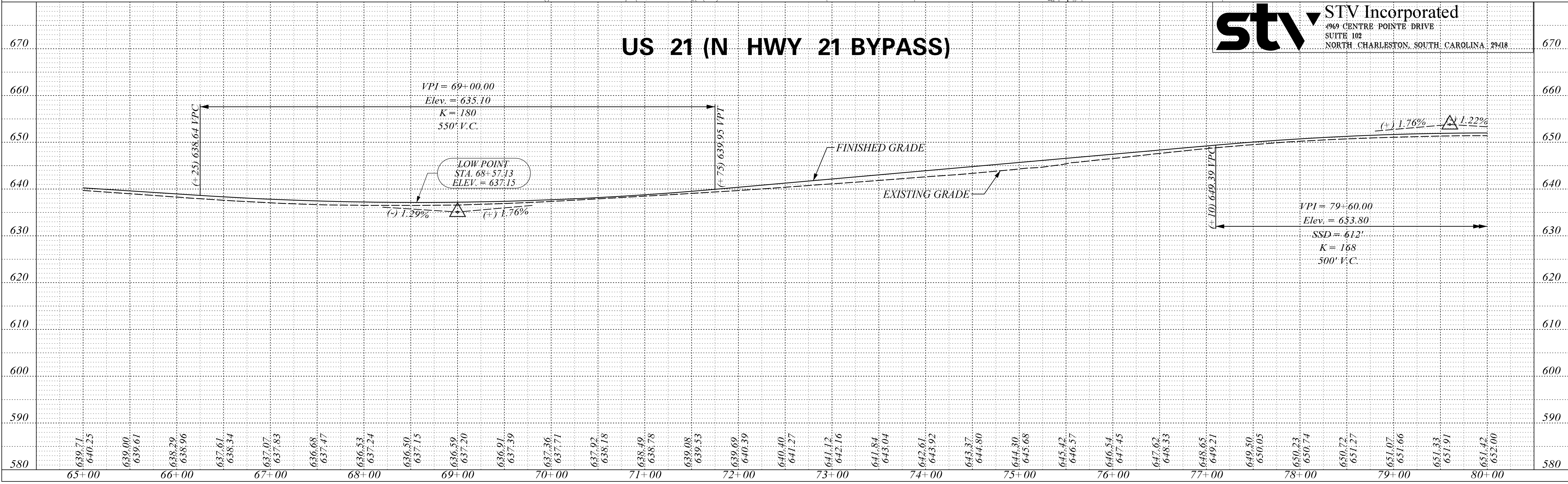
MATCHLINE STA. 65+00.00 SEE SHEET NO. U9

MATCHLINE STA. 80+00.00 SEE SHEET NO. UI1



US 21 (N HWY 21 BYPASS)

stv STV Incorporated
 499 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



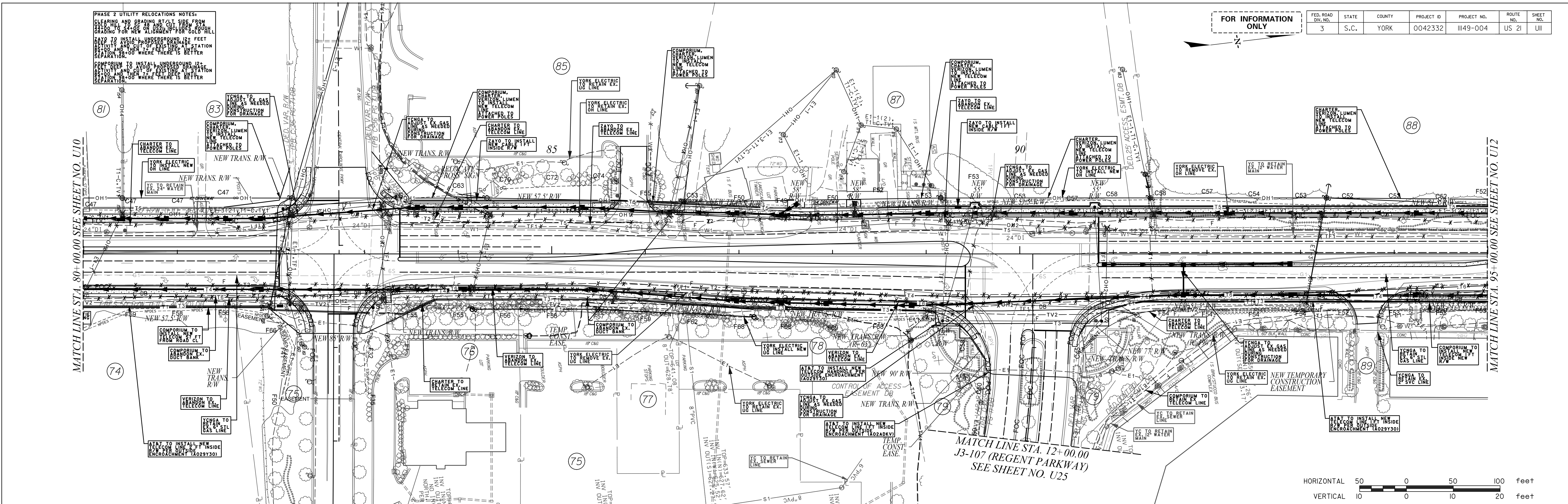
PHASE 2 UTILITY RELOCATIONS NOTES:
 CLEARING AND GRADING SHALL BE FROM
 GRADING TO BE ON EXISTING GROUND
 GRADING FOR NEW ALIGNMENT FOR GOLD HILL
 KEEP TO AVOID UNDERPASSAGE
 EXISTING AND OUT OF EXISTING UTILITY
 RELOCATION OF WHERE THERE IS BETTER
 SEPARATION.
 COMPROMISE TO INSTALL UNDERPASS AS
 EXISTING AND OUT OF EXISTING UTILITY
 RELOCATION OF WHERE THERE IS BETTER
 SEPARATION.

FOR INFORMATION ONLY

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	III

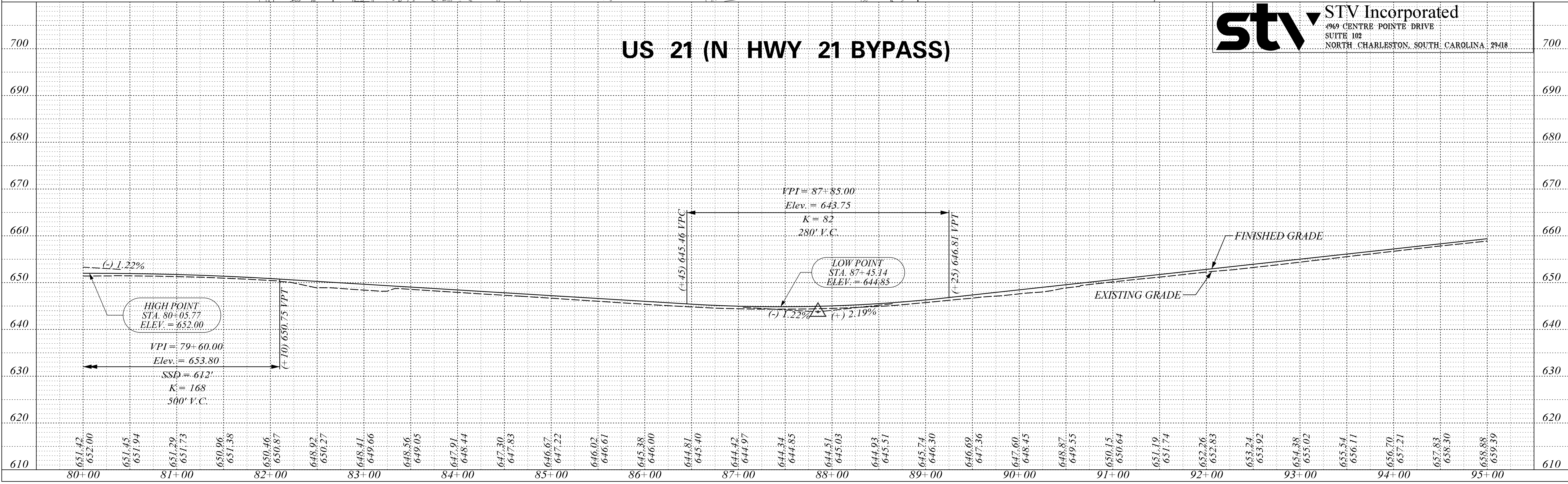
MATCHLINE STA. 80+00.00 SEE SHEET NO. U10

MATCHLINE STA. 95+00.00 SEE SHEET NO. U12



US 21 (N HWY 21 BYPASS)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



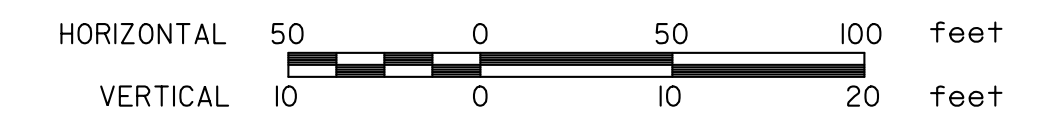
PHASE 2 UTILITY RELOCATIONS NOTES:
 1. CHARTER LUMEN TELECOM POWER POLES
 2. YORKELECTRIC OR LINE
 3. YORKELECTRIC OR LINE
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 5. YORKELECTRIC OR LINE
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FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	UI2

MATCH LINE STA. 95+00.00 SEE SHEET NO. U11

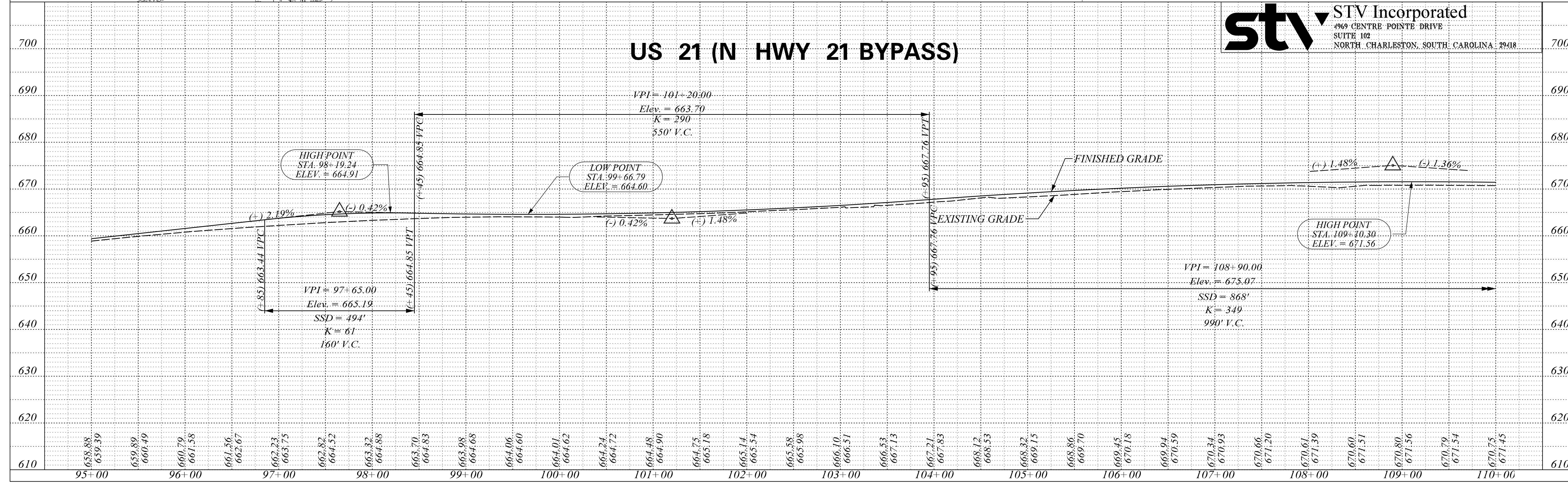
MATCH LINE STA. 110+00.00 SEE SHEET NO. U13

MATCH LINE STA. 11+00.00 S-641 (FLINT HILL RD AT US 21) SEE SHEET NO. U22



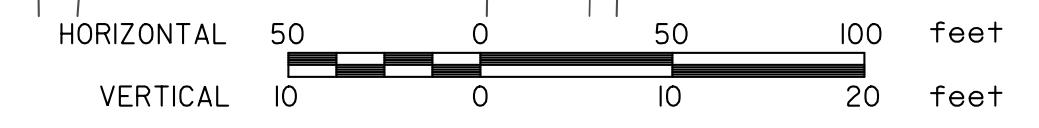
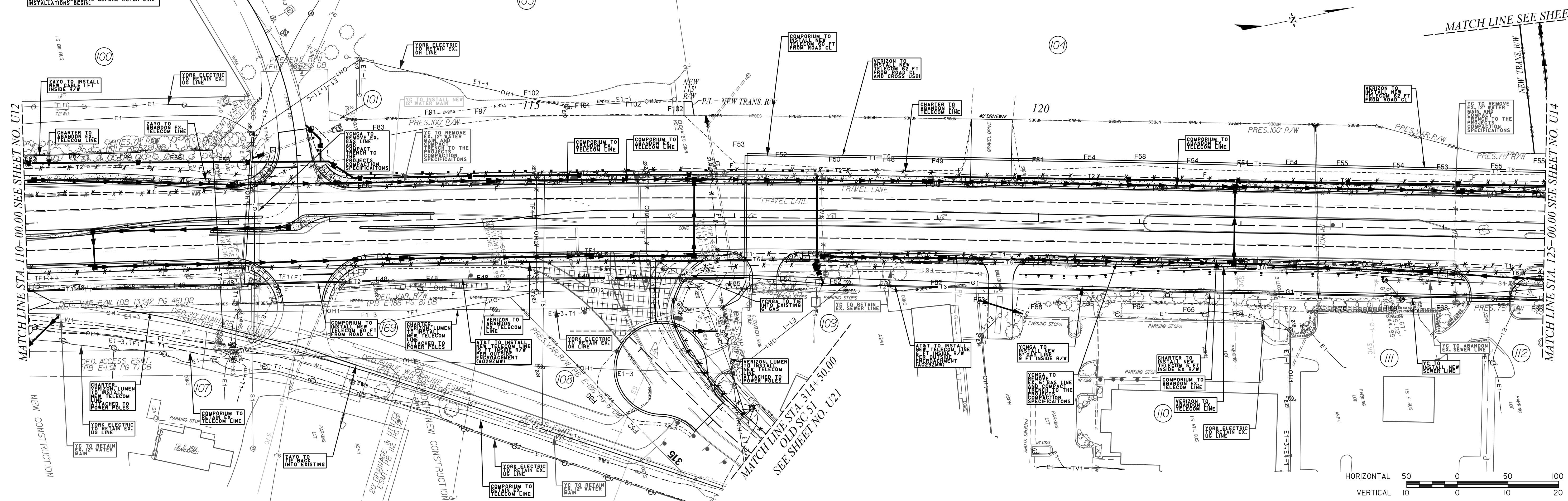
STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

US 21 (N HWY 21 BYPASS)



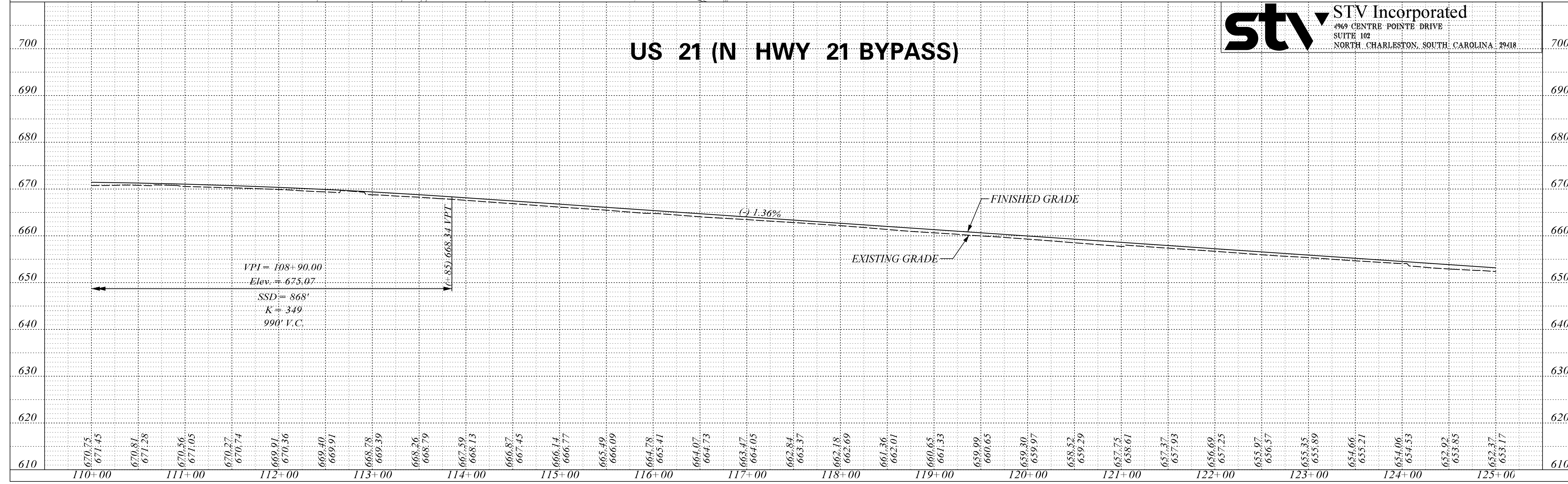
PHASE 2 UTILITY RELOCATIONS NOTES:
 CLEARING AND GRADING TO CUT SLOPE FROM
 GRADING FOR NEW ALIGNMENT FOR BOOD HILL
 CHAPTER TO BE LOCATED BEFORE WATER LINE

FOR INFORMATION ONLY						
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21	UI3



US 21 (N HWY 21 BYPASS)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



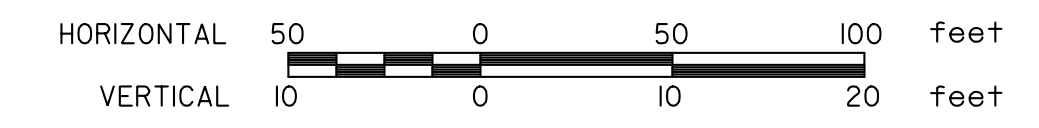
MATCH LINE SEE SHEET NO. U31

FOR INFORMATION ONLY		FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	US 21 SC 51	LI4

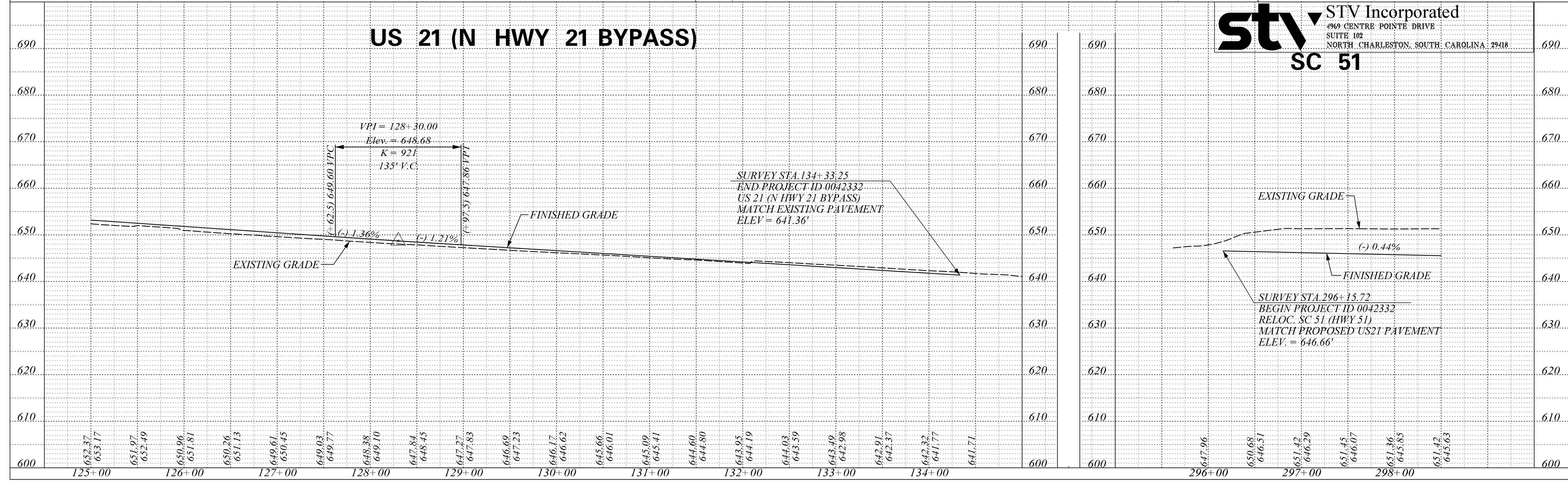
PHASE 2 UTILITY RELOCATIONS NOTES:
 CLEARING AND GRADING AT A.T. SIDE FROM STA. 125+00 TO STA. 126+00 AND AT T.W. SIDE FROM STA. 126+00 TO STA. 127+00 INCLUDES: PUGH CHARTER TO RELOCATE BEFORE WATER LINE INSTALLATIONS BEGIN.

MATCH LINE STA. 125+00.00 SEE SHEET NO. U13

MATCH LINE STA. 298+50.00 SEE SHEET NO. U15



US 21 (N HWY 21 BYPASS)



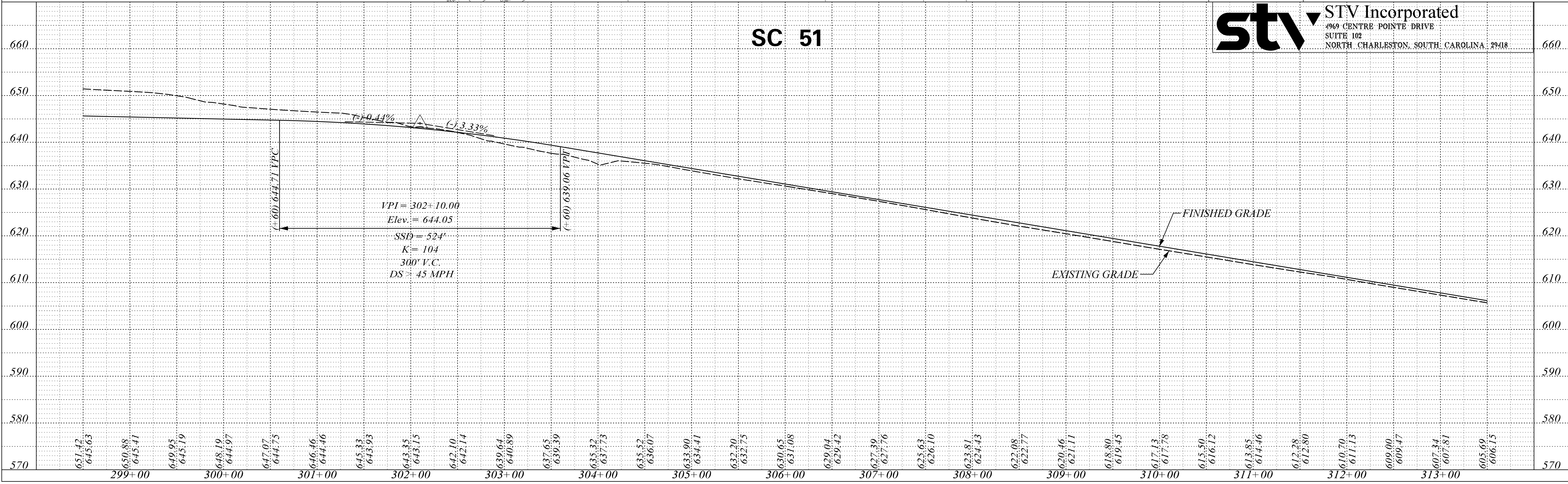
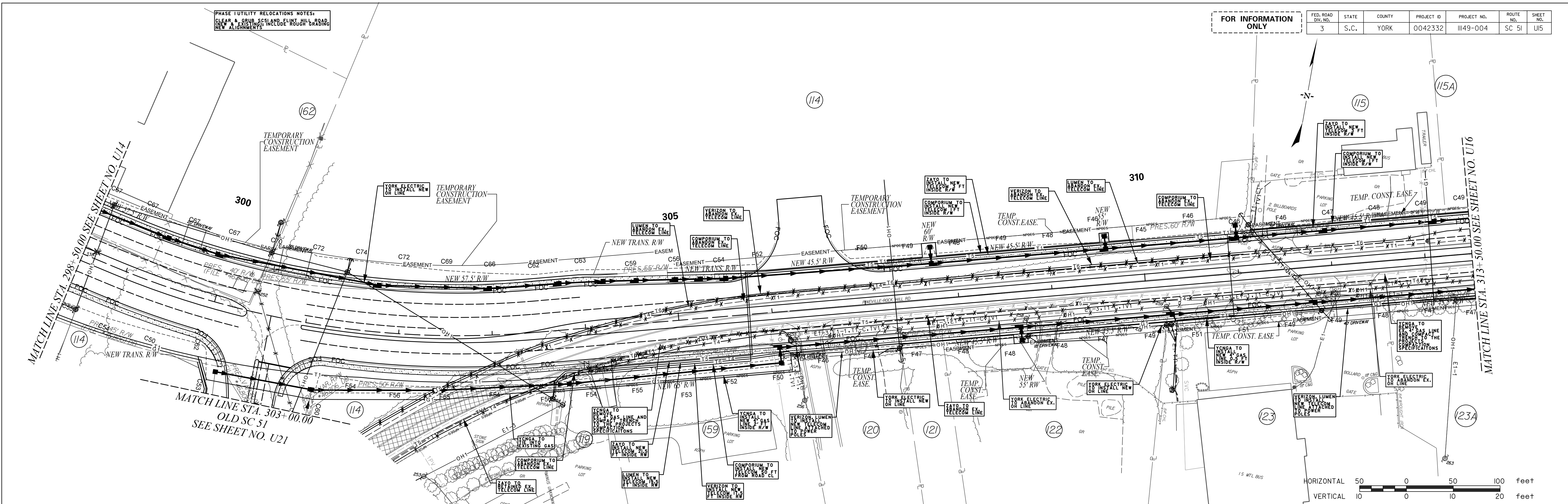
stv SC 51

STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

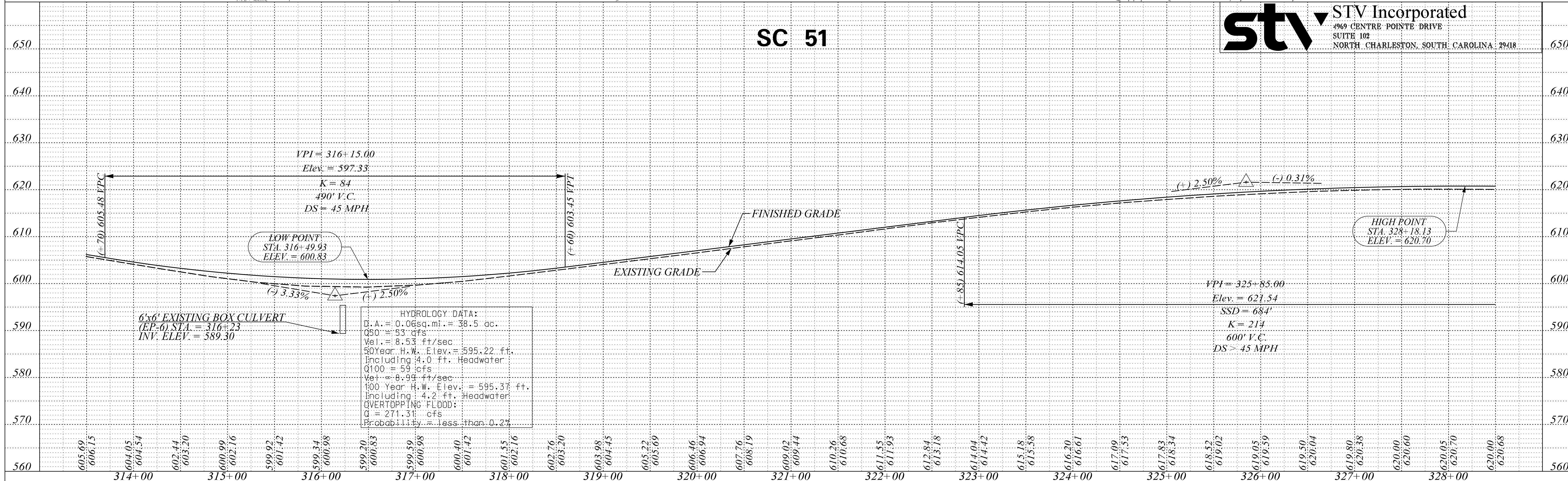
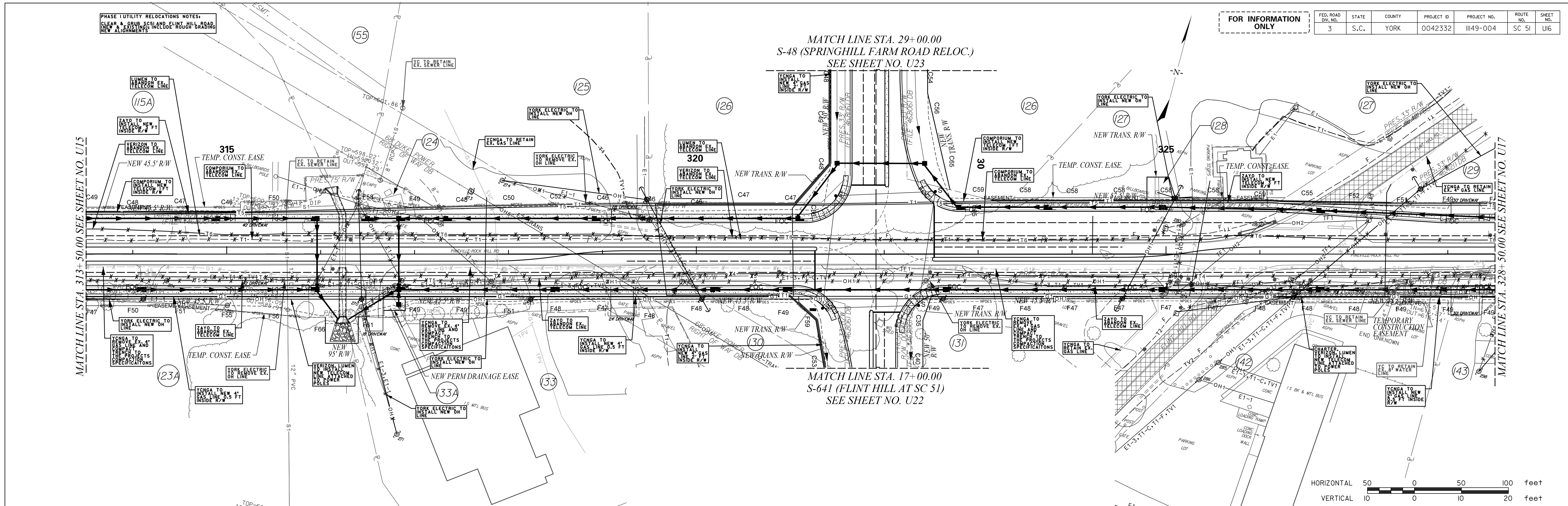
PHASE I UTILITY RELOCATIONS NOTES:
 CLEAR A GRUB SCISSOR FLINT HILL ROAD
 NEW A. E. ENGINEERING INCLUDE ROUGH GRADING

FOR INFORMATION ONLY

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	SC 51	UI5

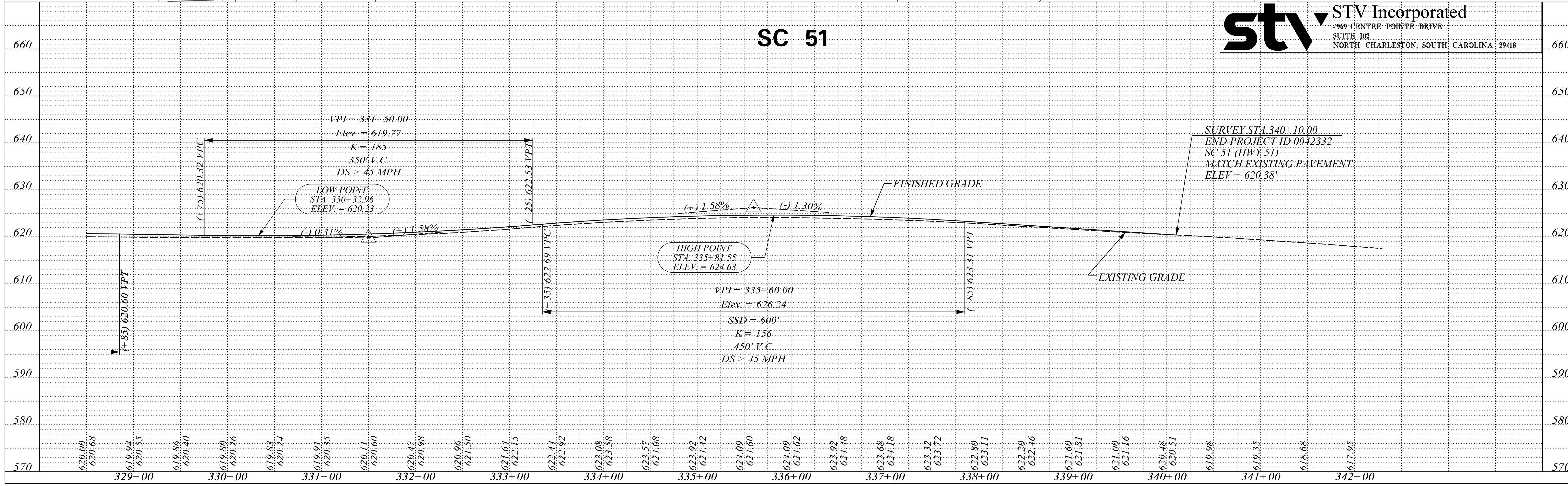
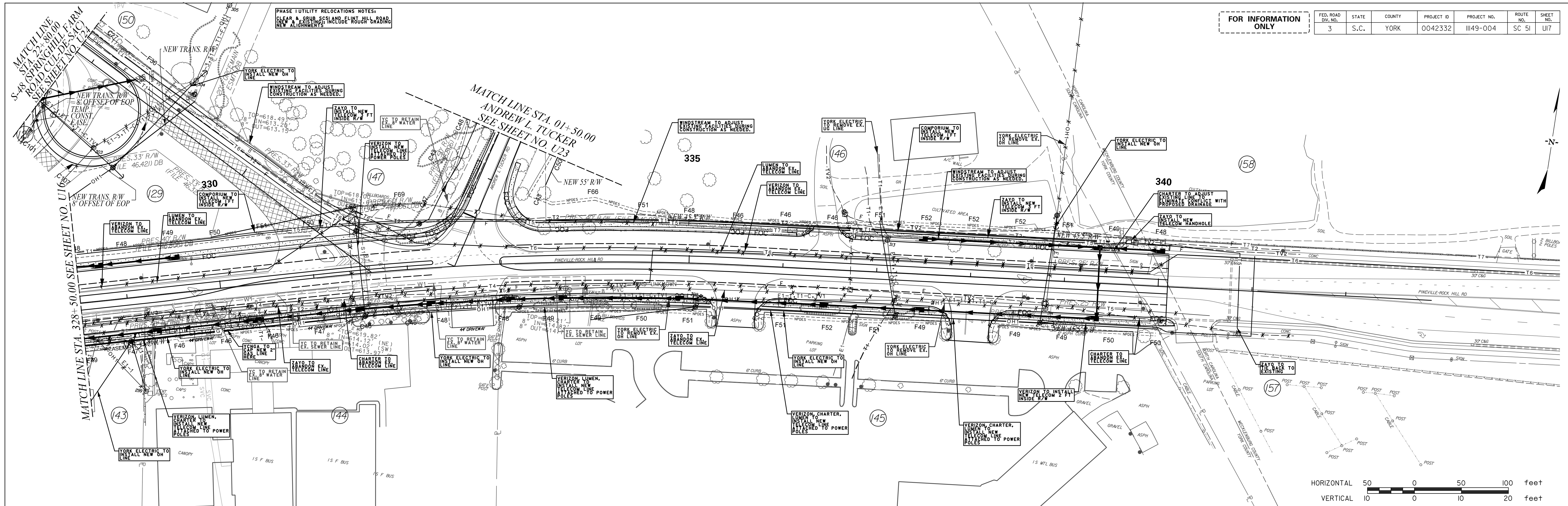


STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

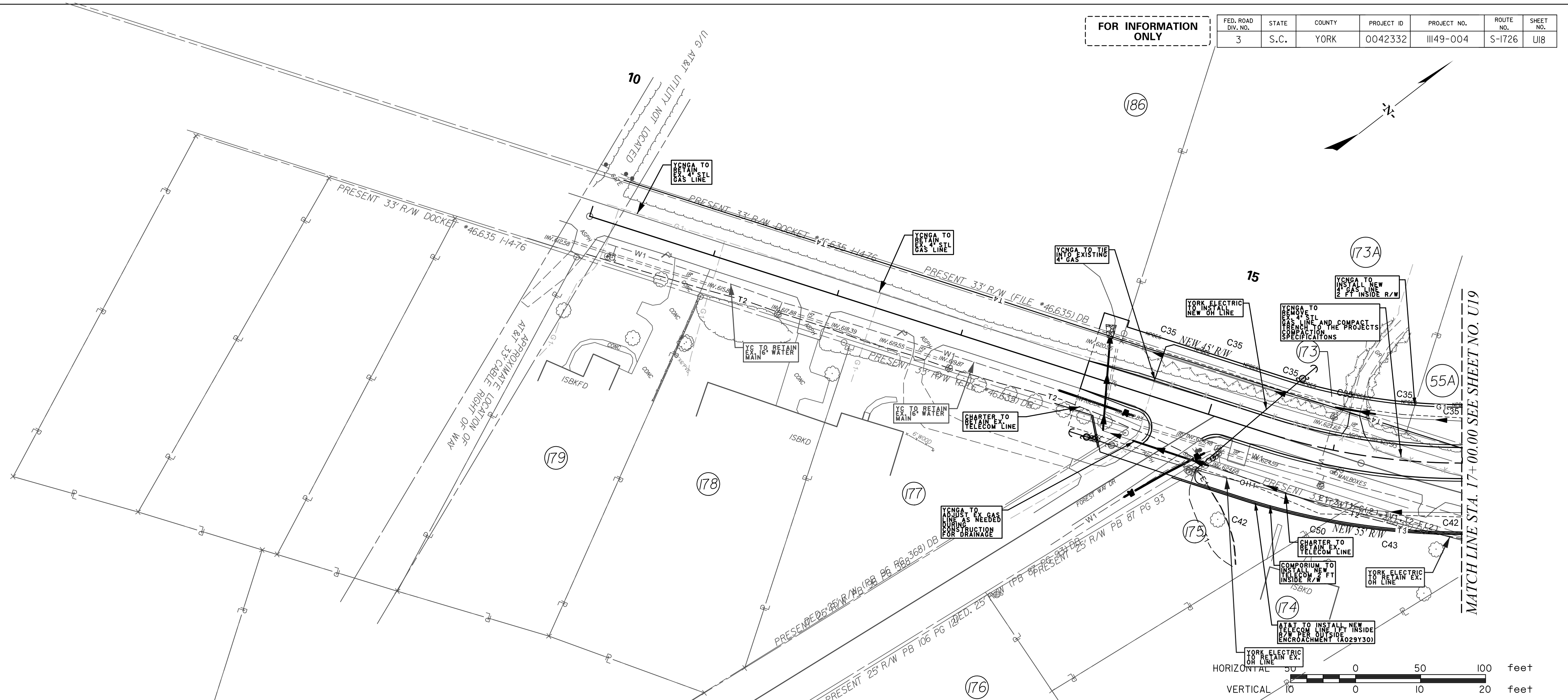


FOR INFORMATION ONLY

FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	SC 51	UI7



FOR INFORMATION ONLY		FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
		3	S.C.	YORK	0042332	III49-004	S-1726	UI8



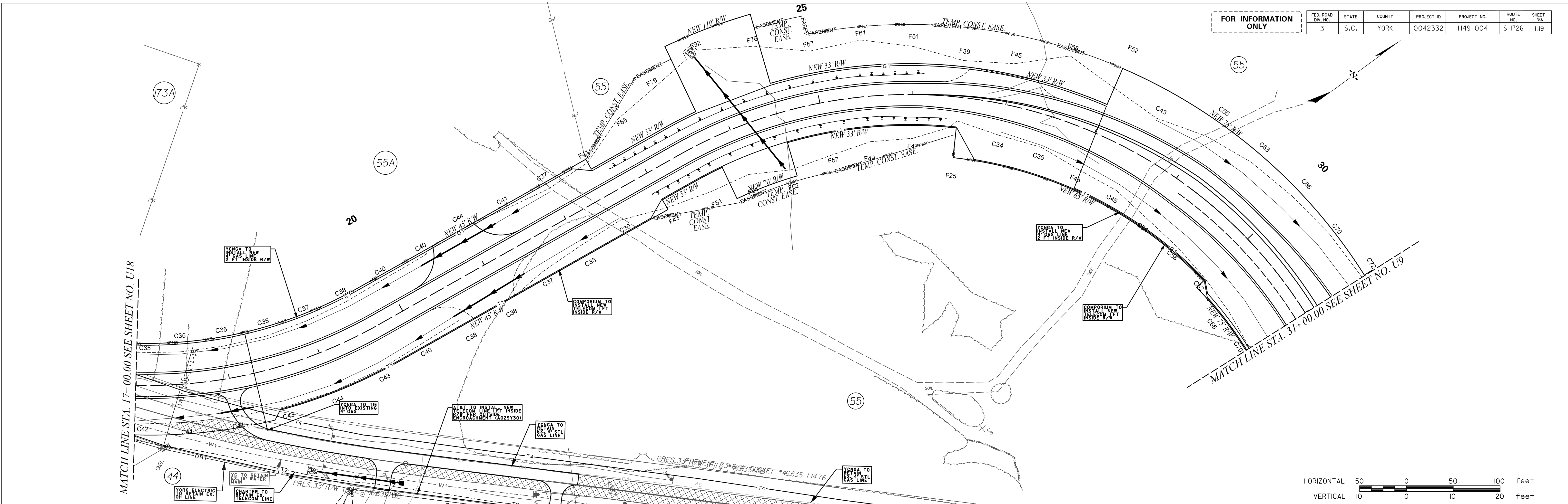
S-1726 (GOLD HILL RD.)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



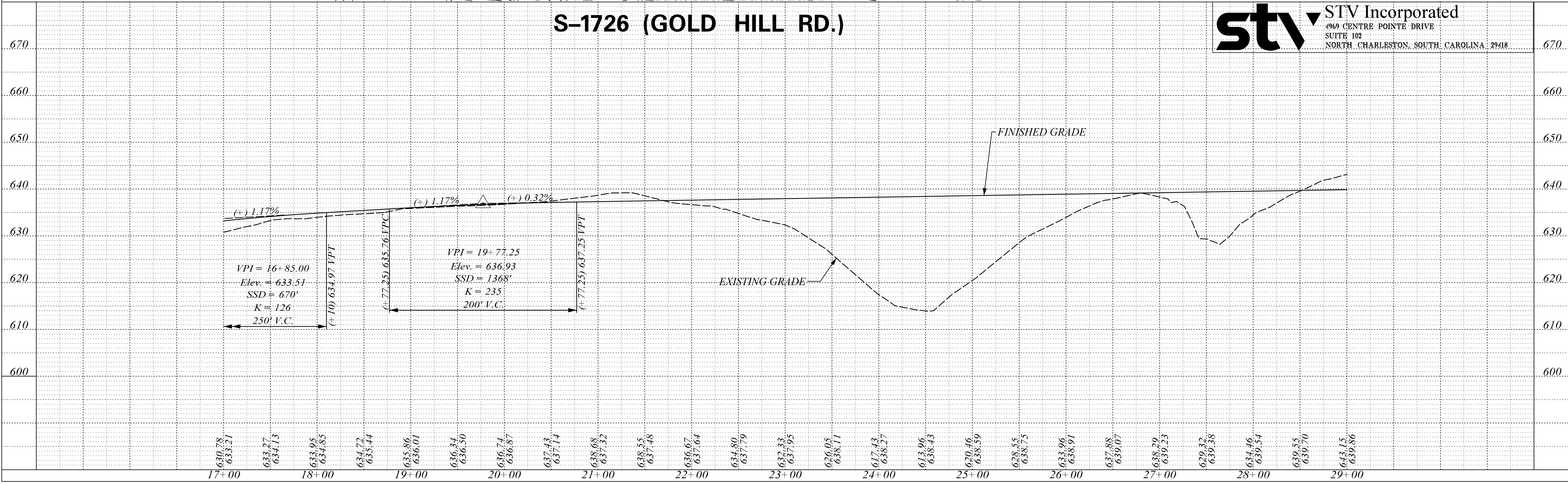
FOR INFORMATION ONLY

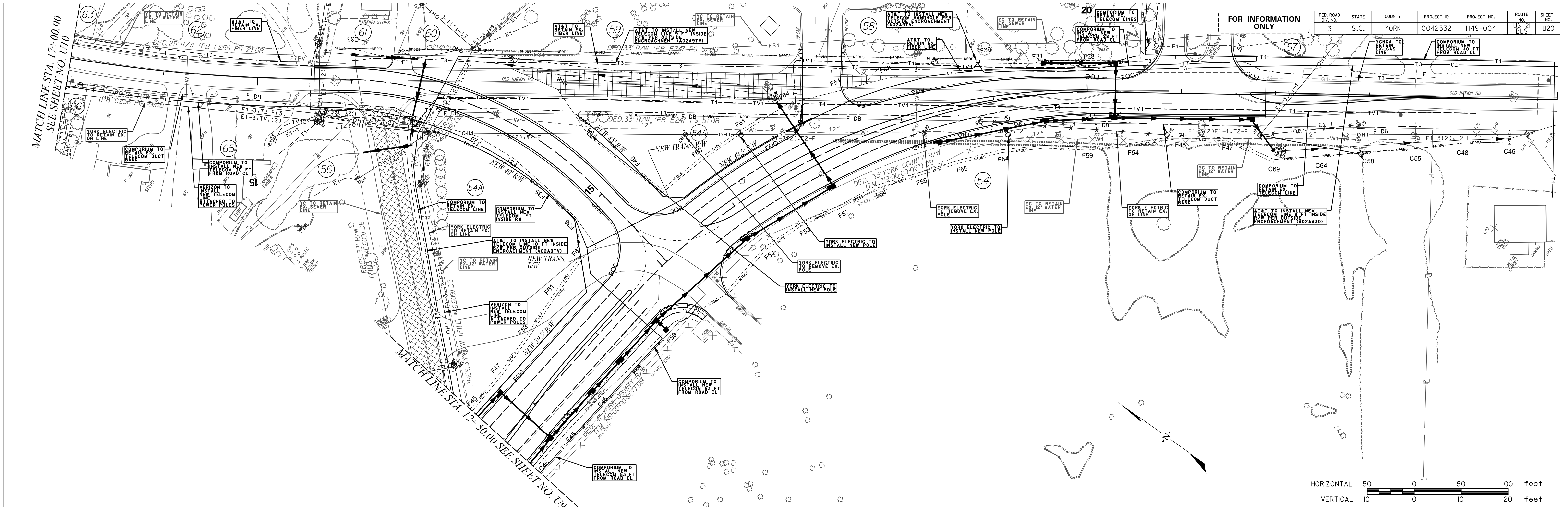
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	S-1726	UI9



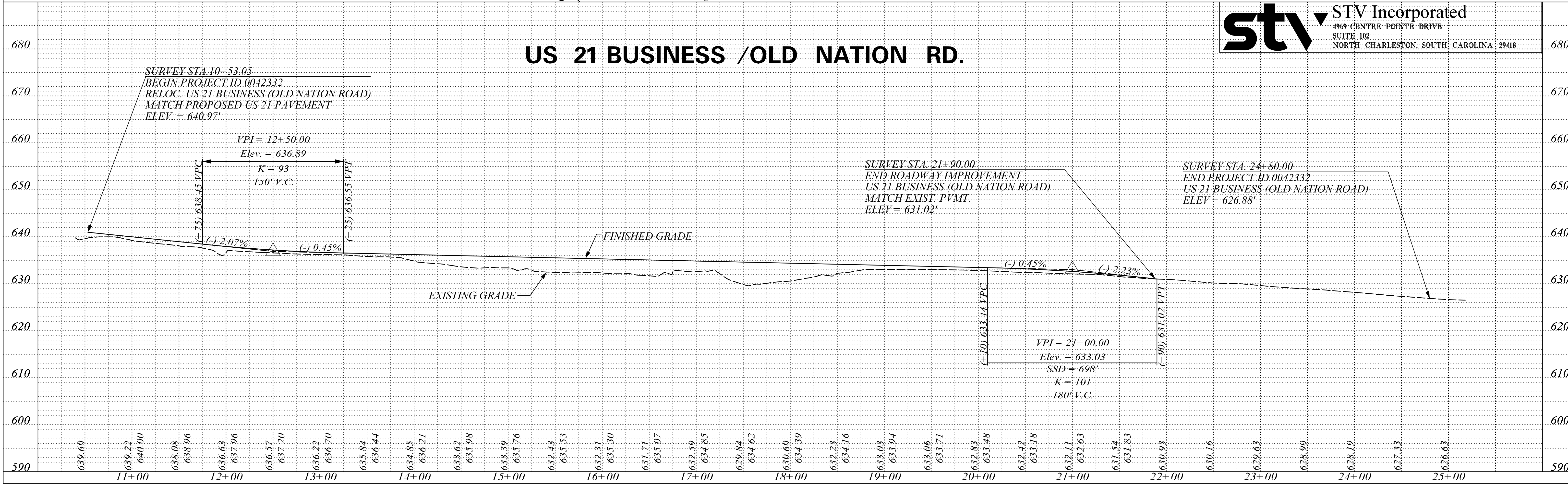
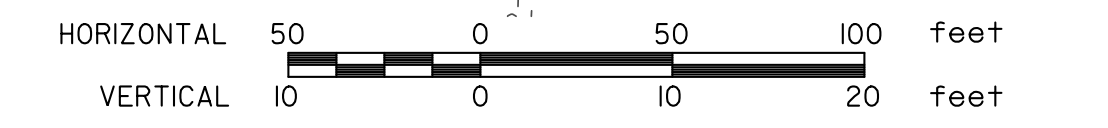
S-1726 (GOLD HILL RD.)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418





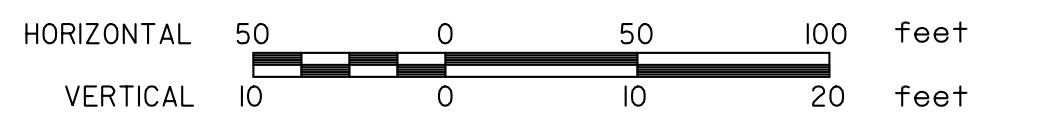
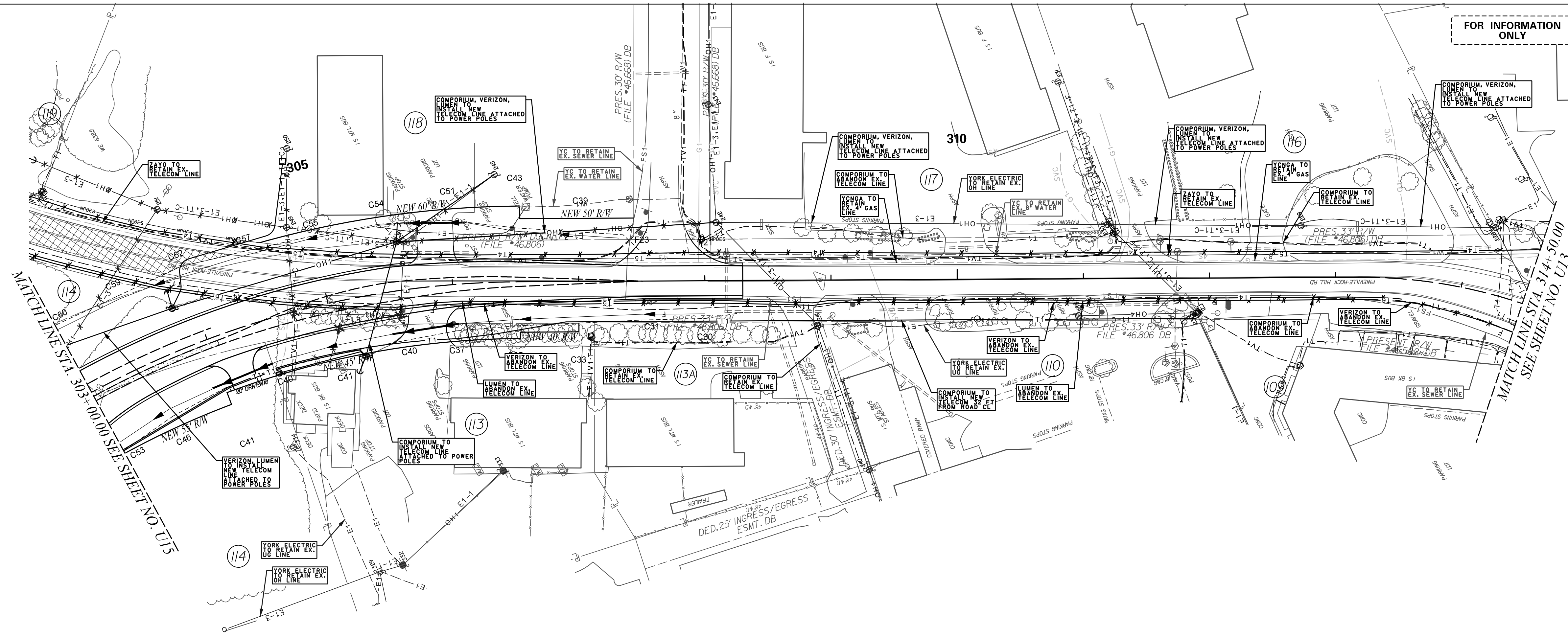
FED. ROAD DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 BUS	U20



stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

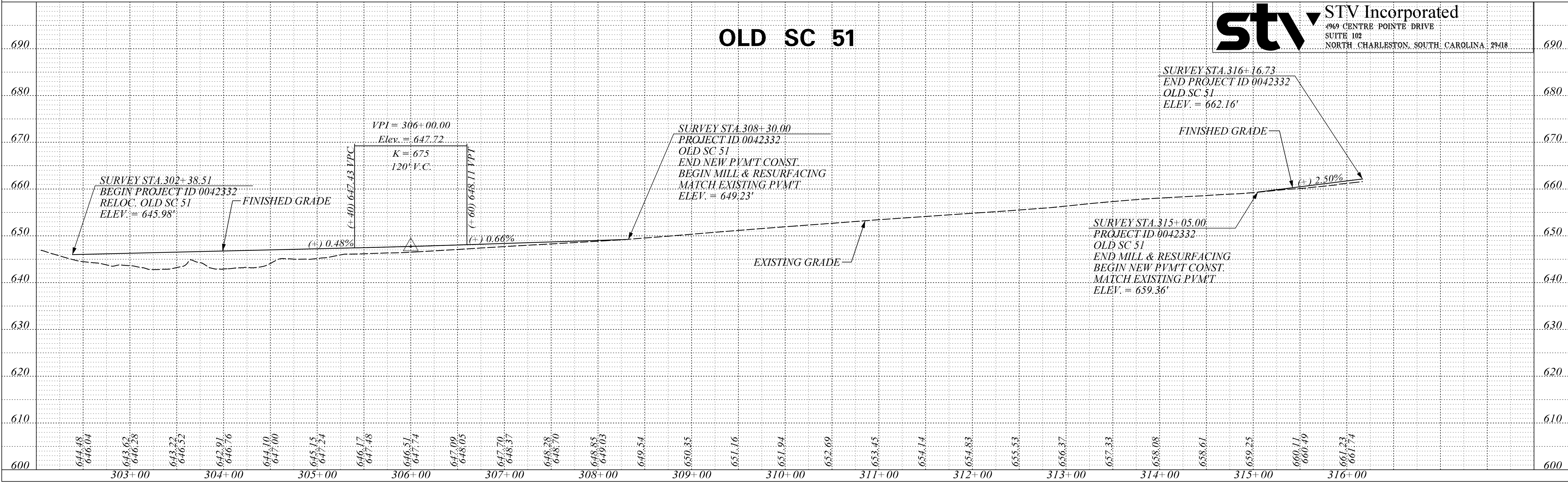
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO. OLD SC 51	SHEET NO. U21
3	S.C.	YORK	0042332	III49-004		

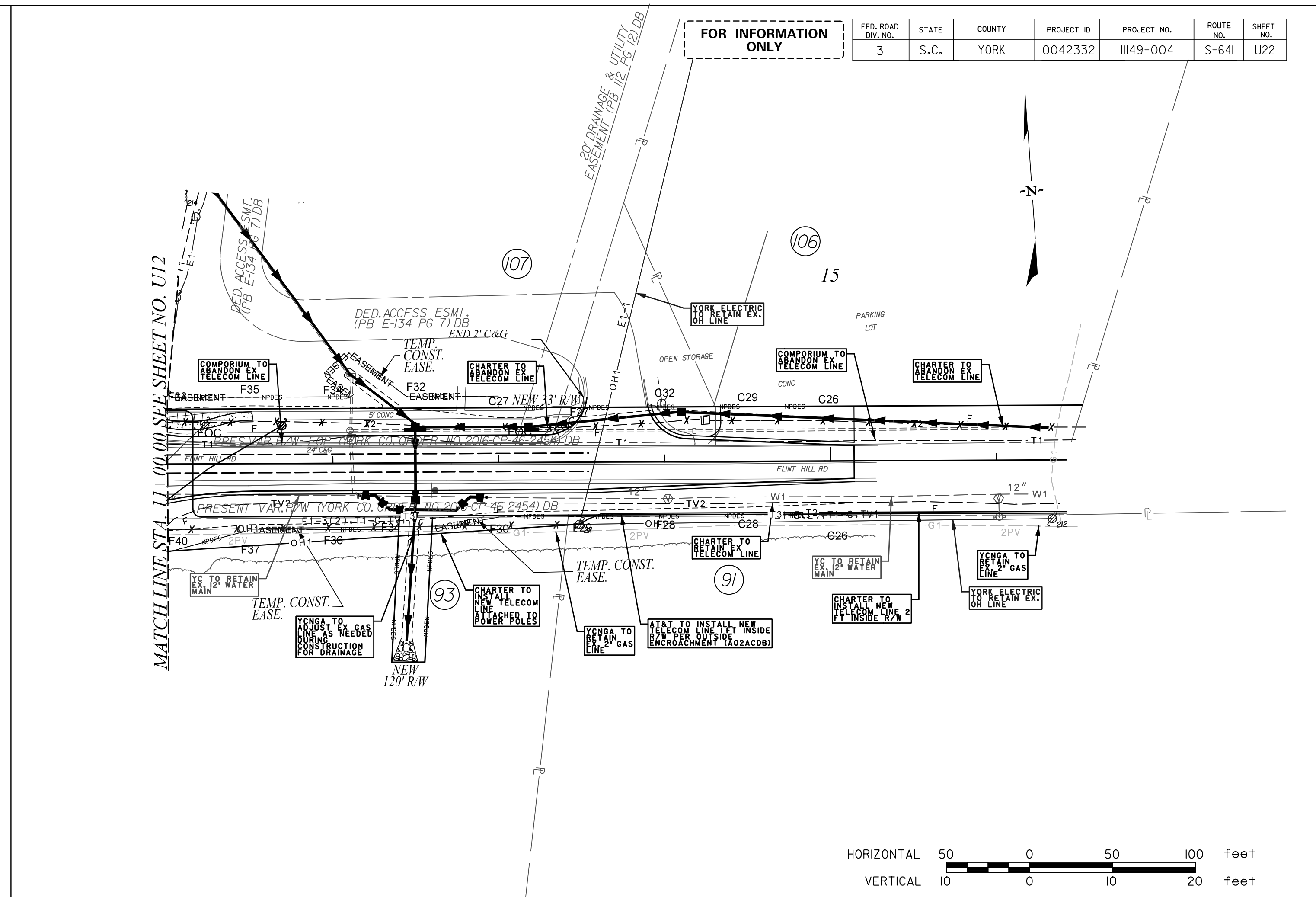
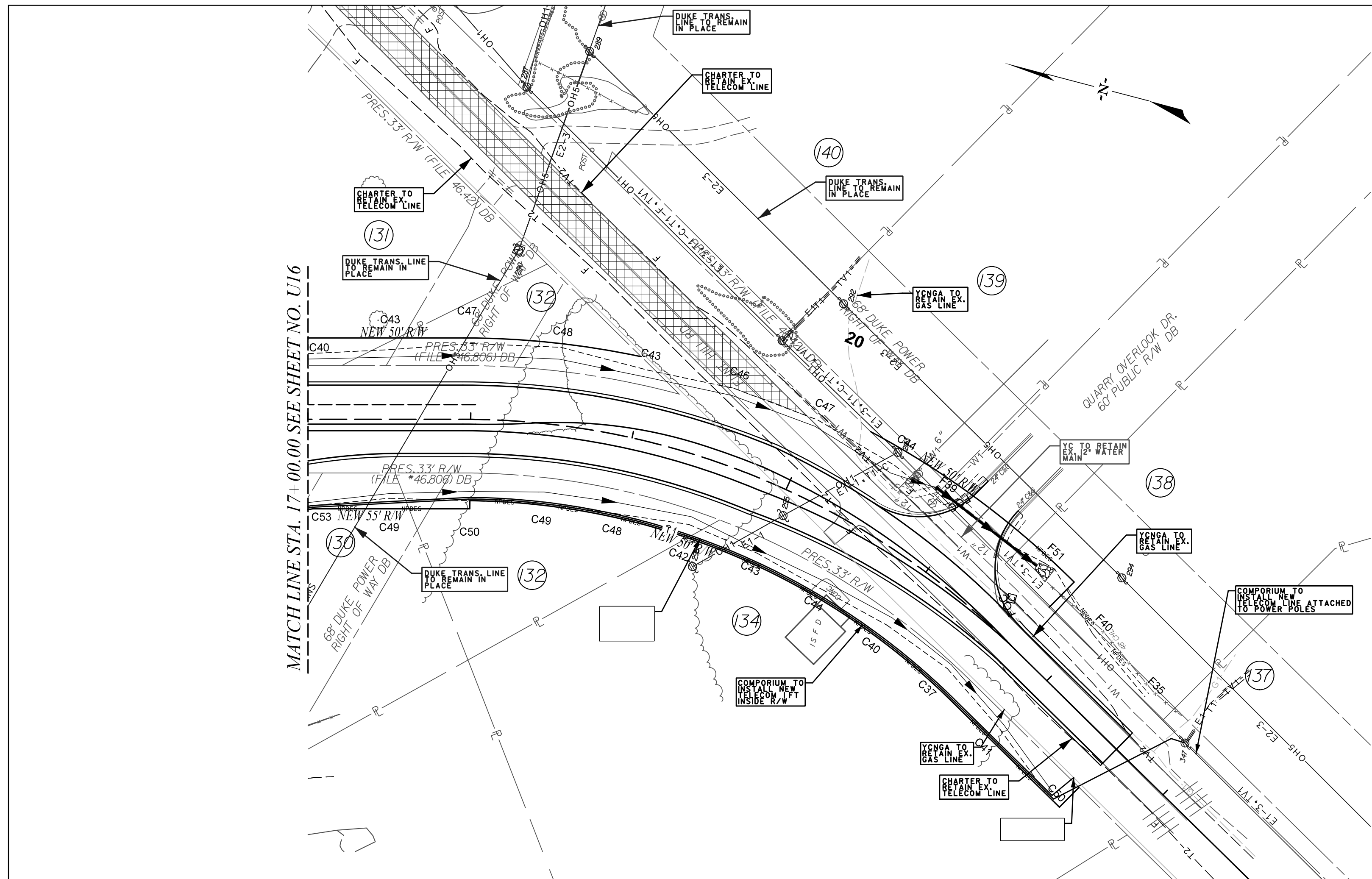
FOR INFORMATION ONLY



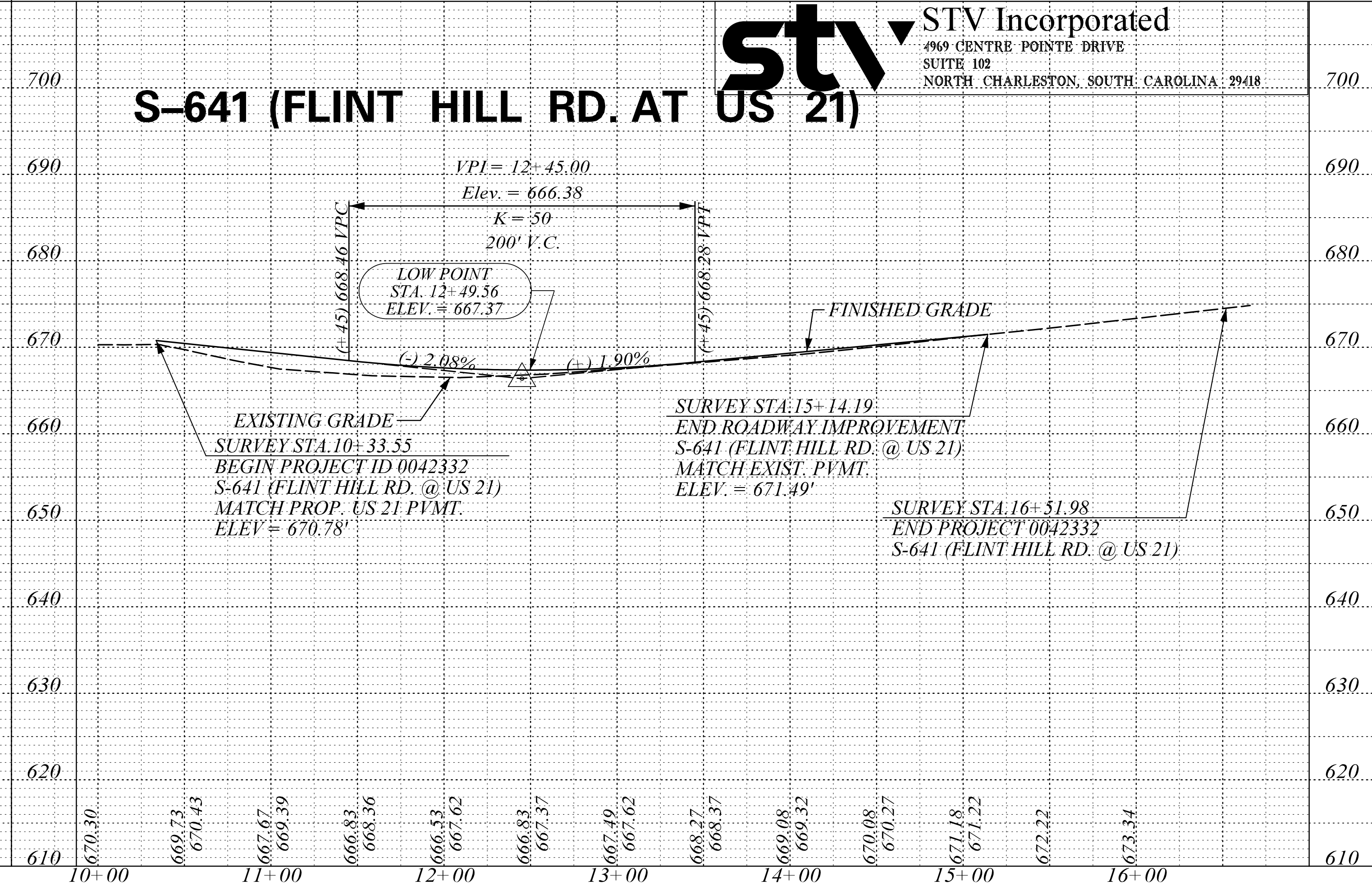
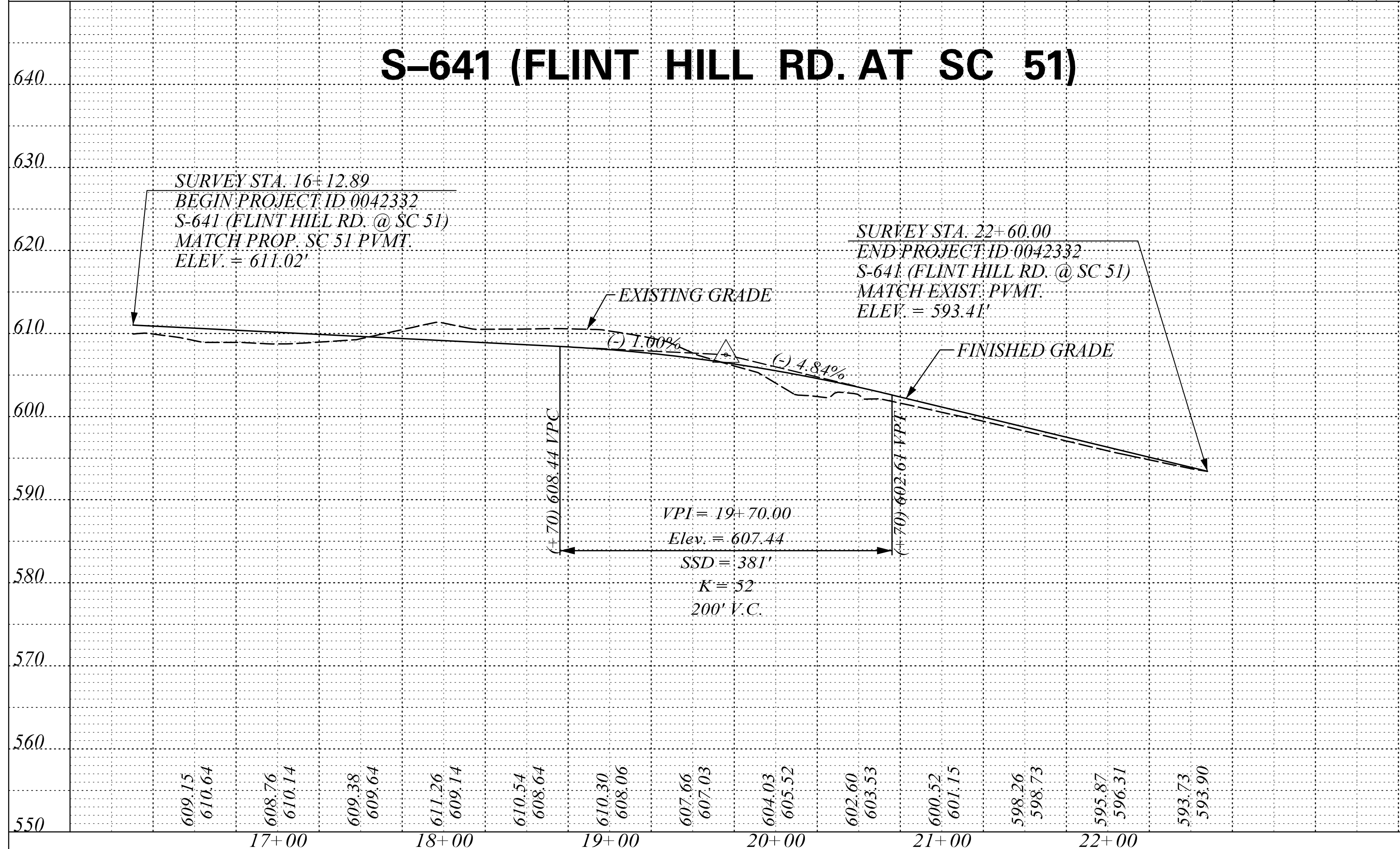
OLD SC 51

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

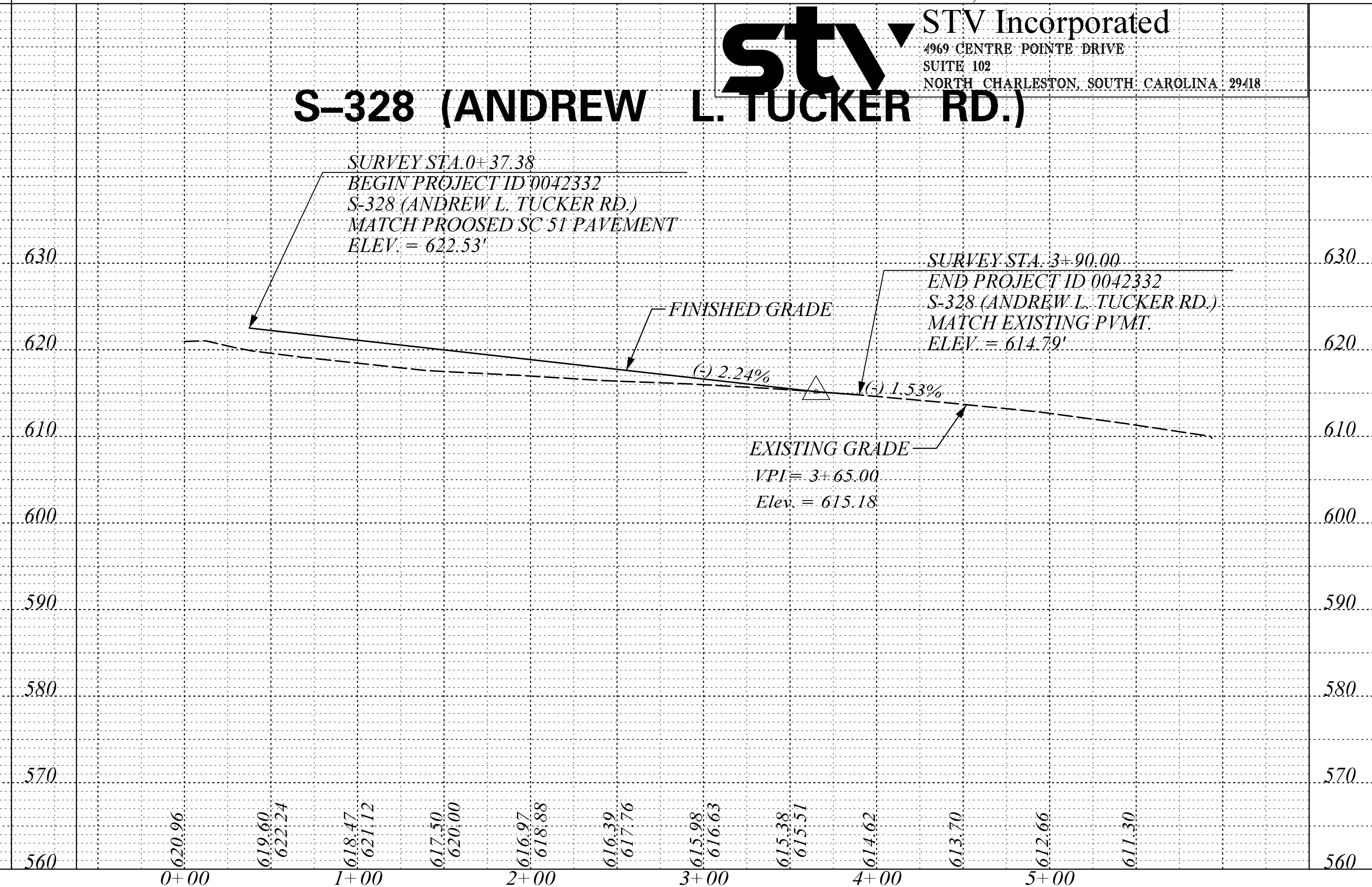
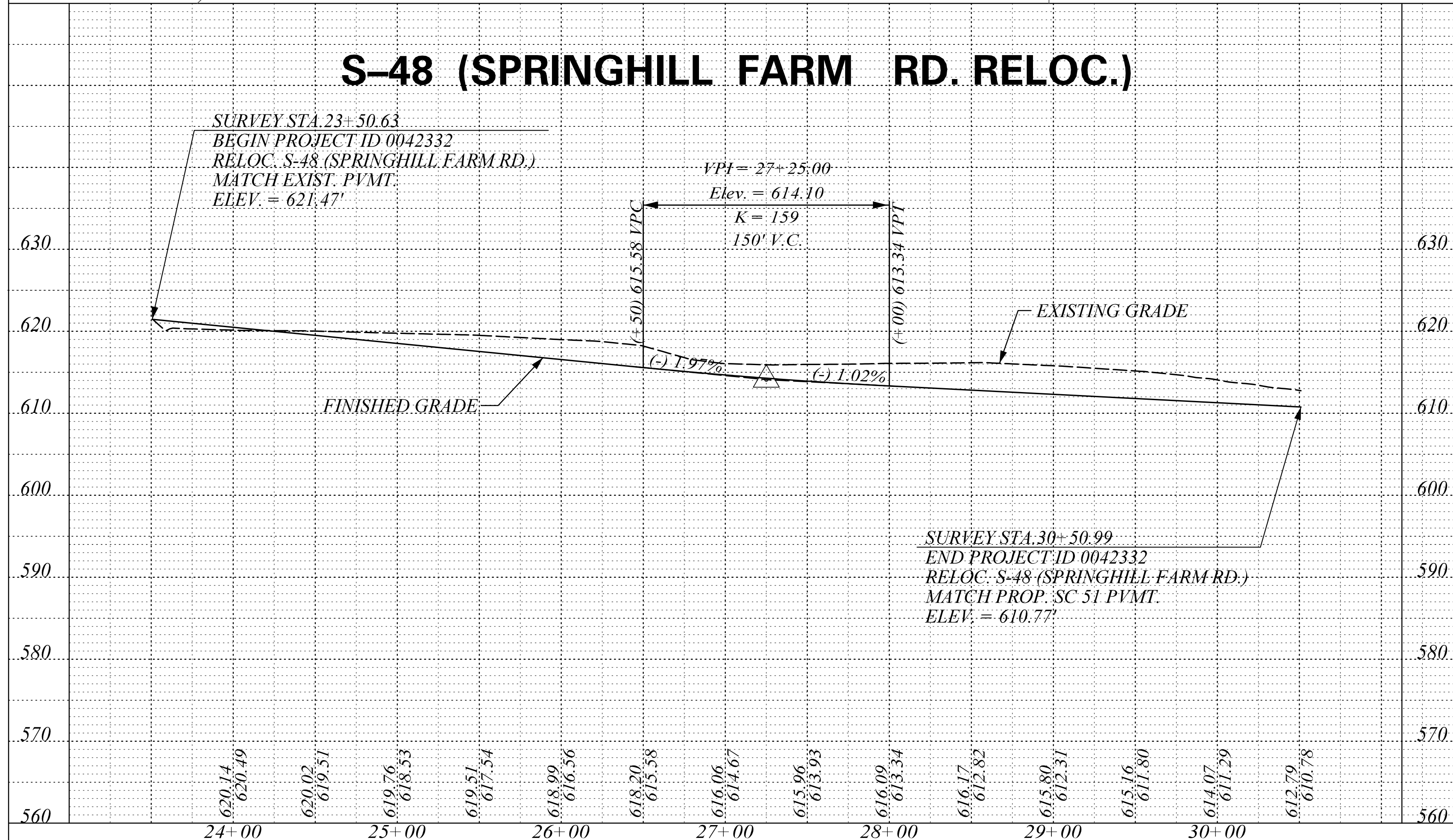
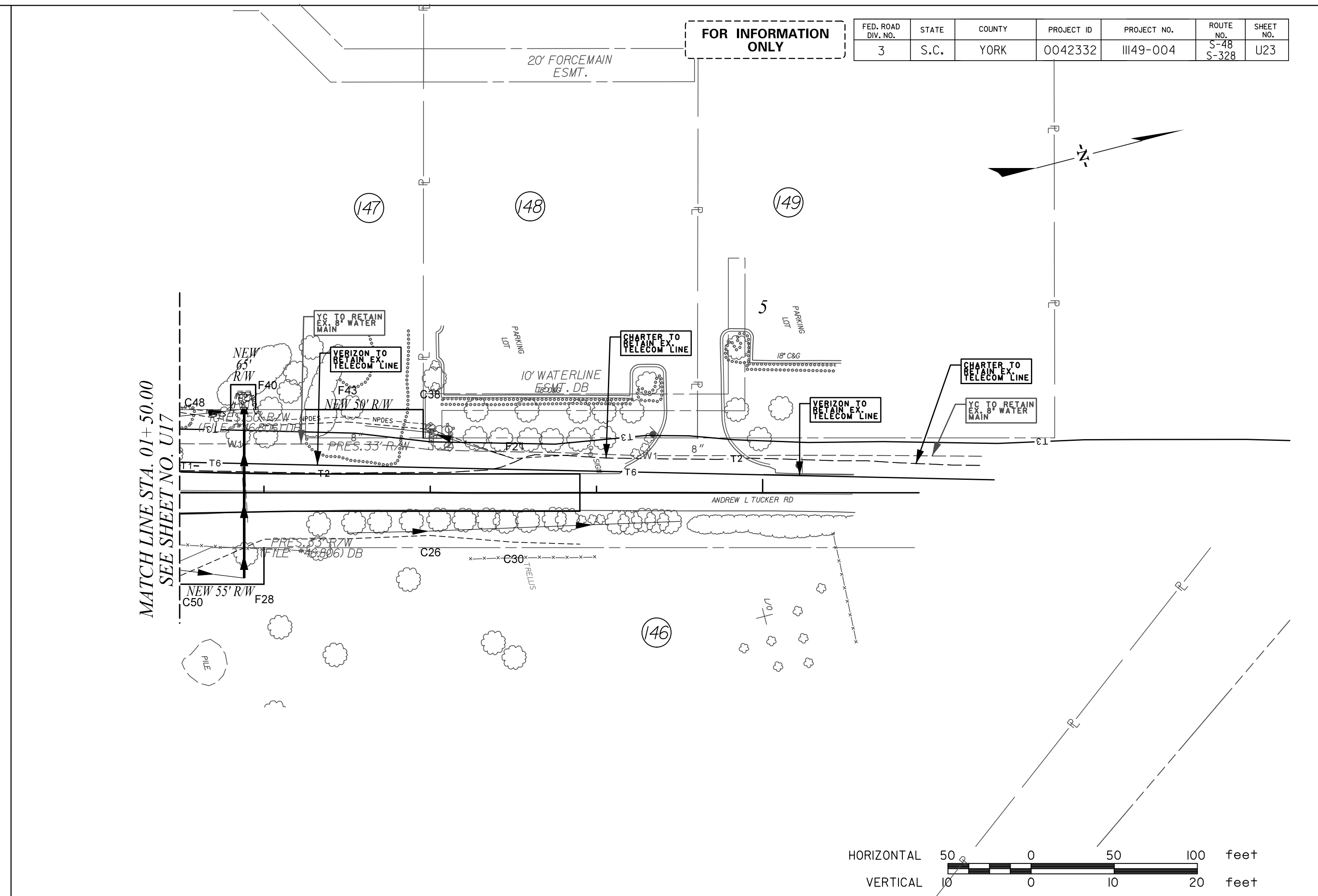
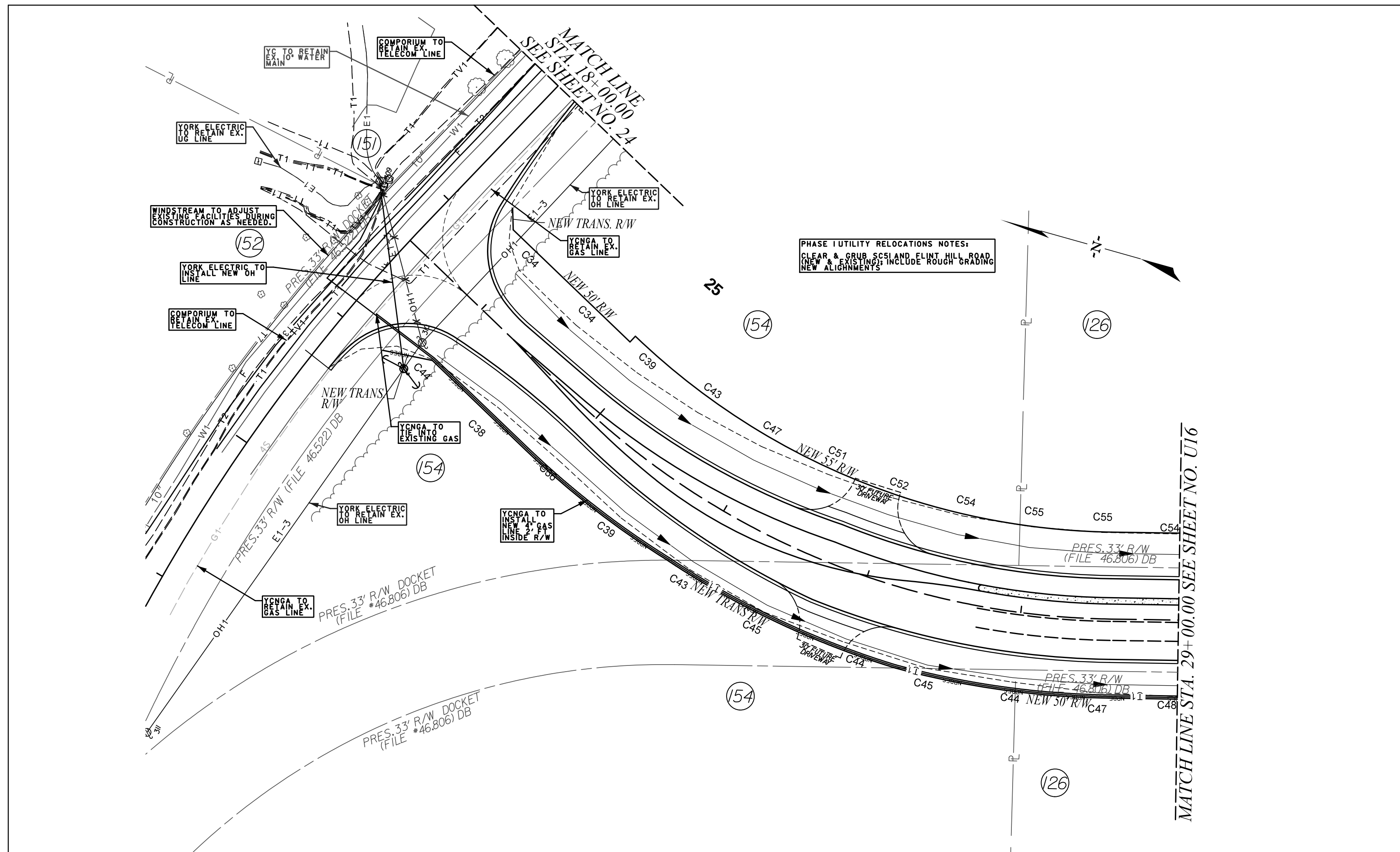




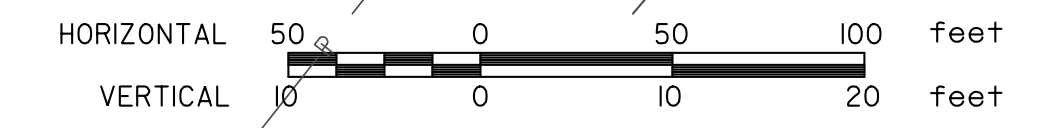
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	S-641	U22



STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

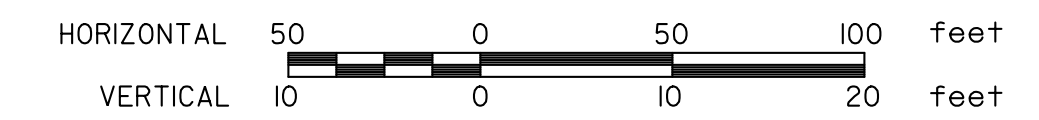
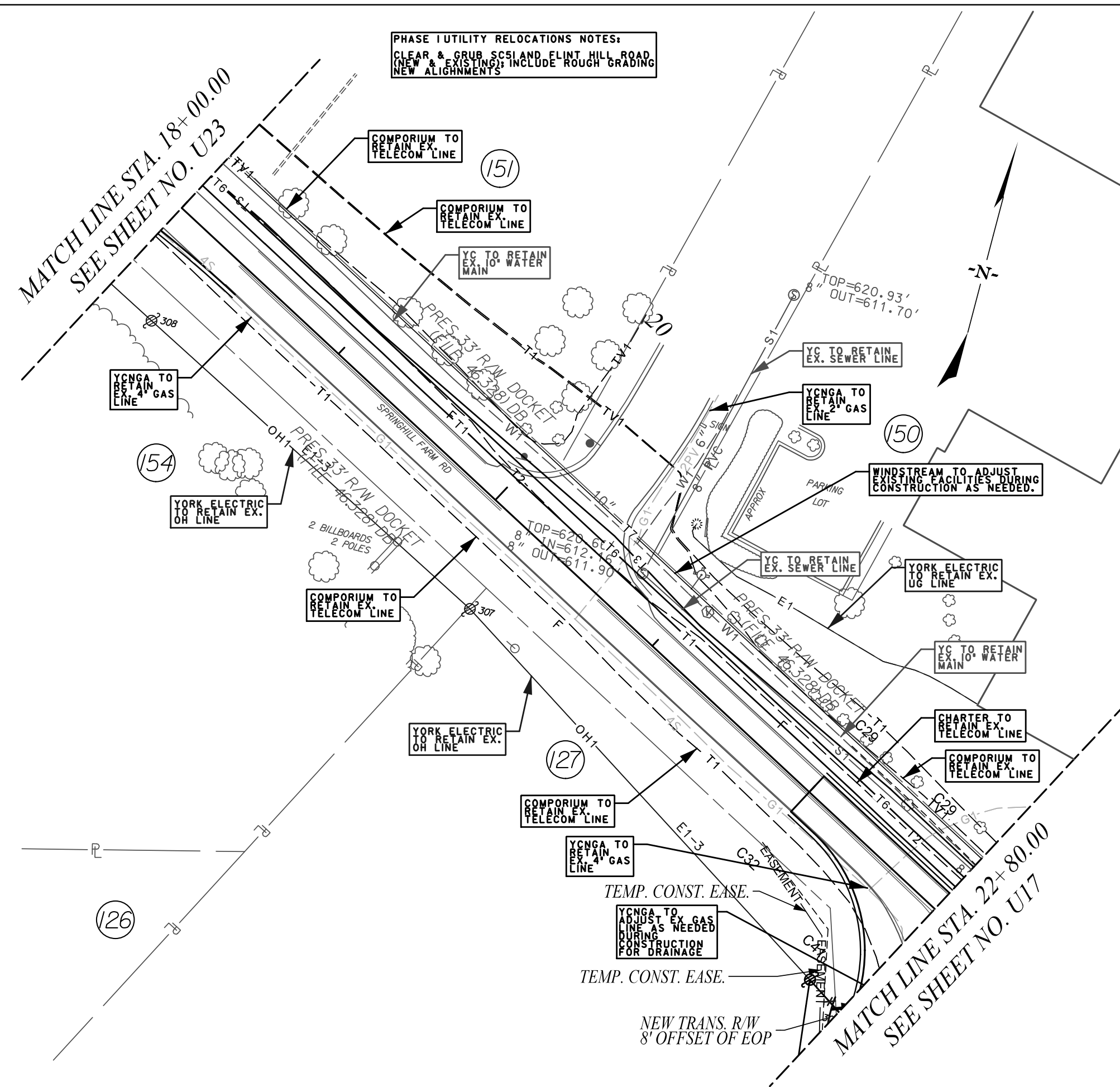


STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



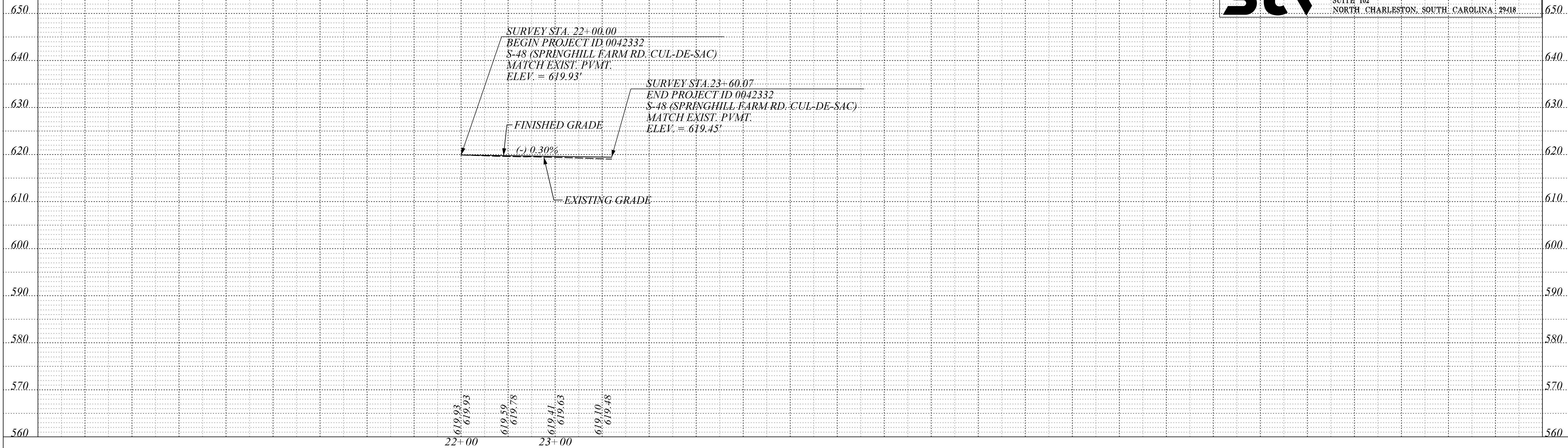
FOR INFORMATION ONLY

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	S-48	U24



S-48 (SPRINGHILL FARM RD. CUL-DE-SAC)

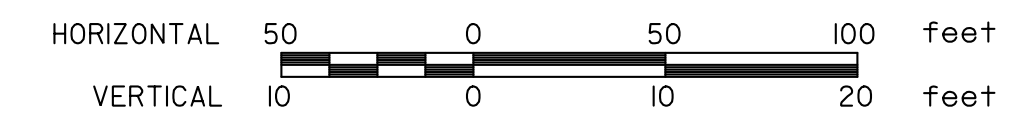
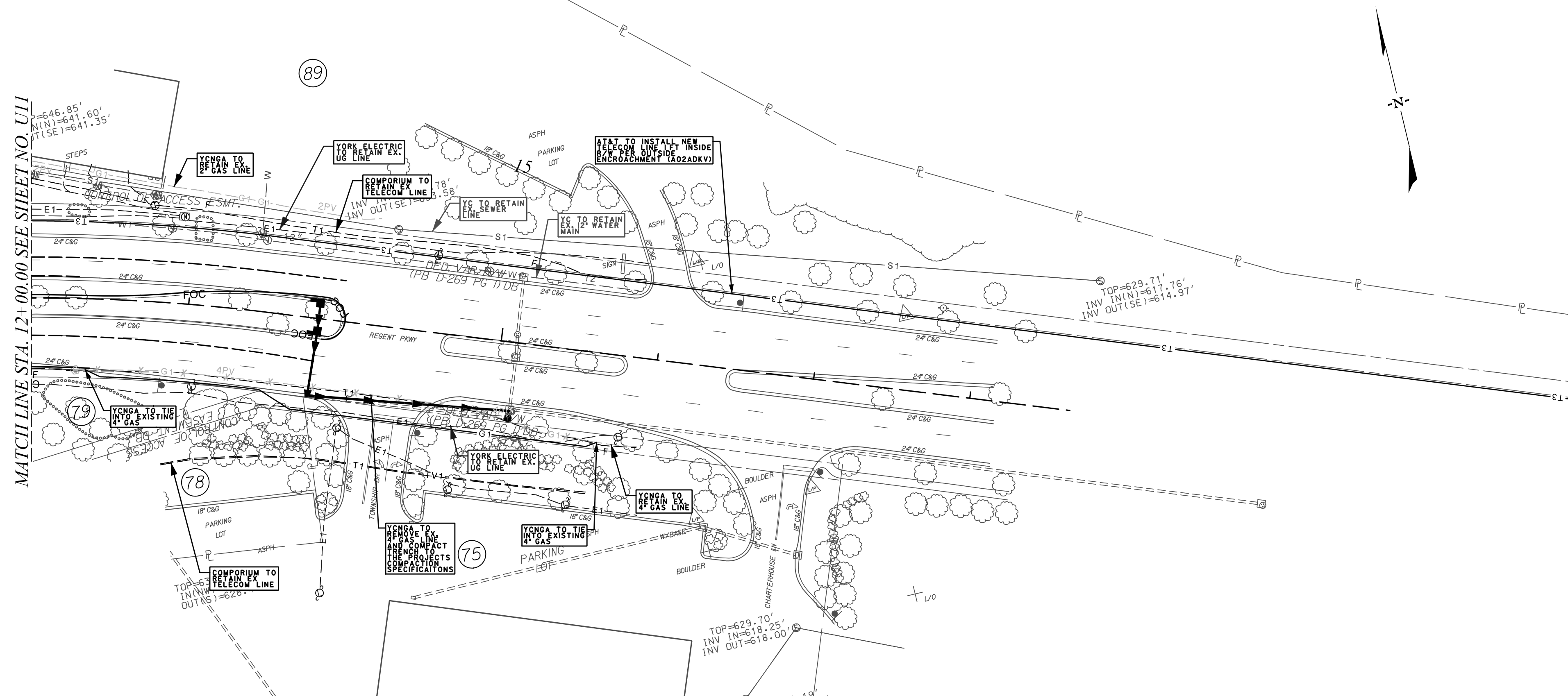
stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



FOR INFORMATION ONLY

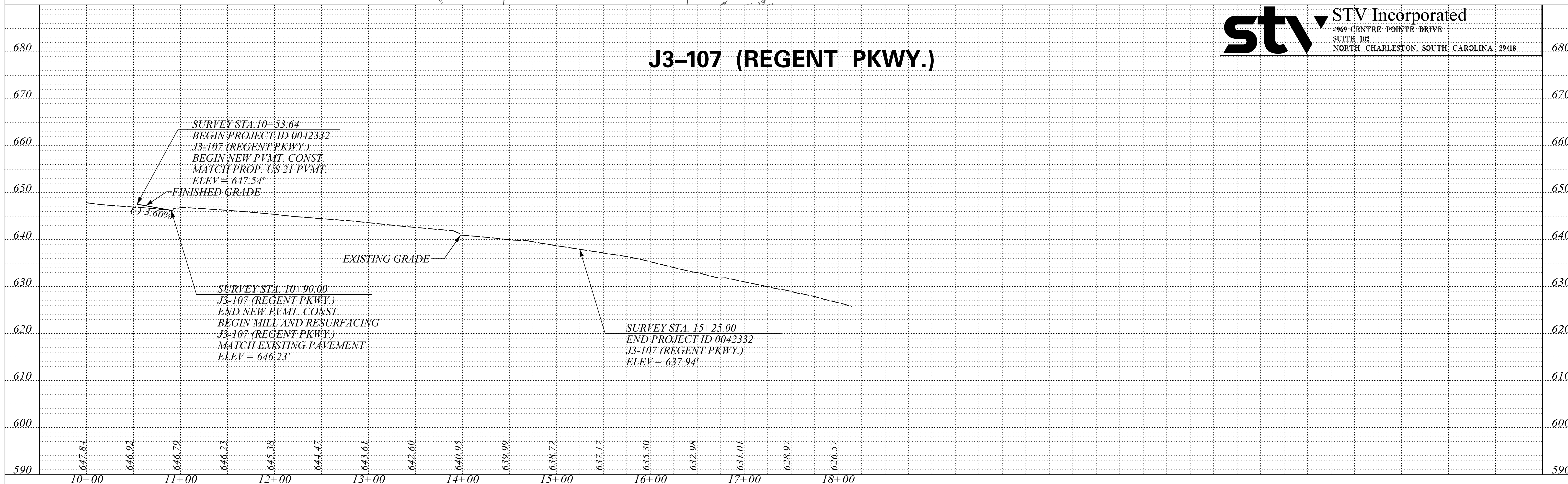
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	J3-107	U25

MATCH LINE STA. 12+00.00 SEE SHEET NO. U11



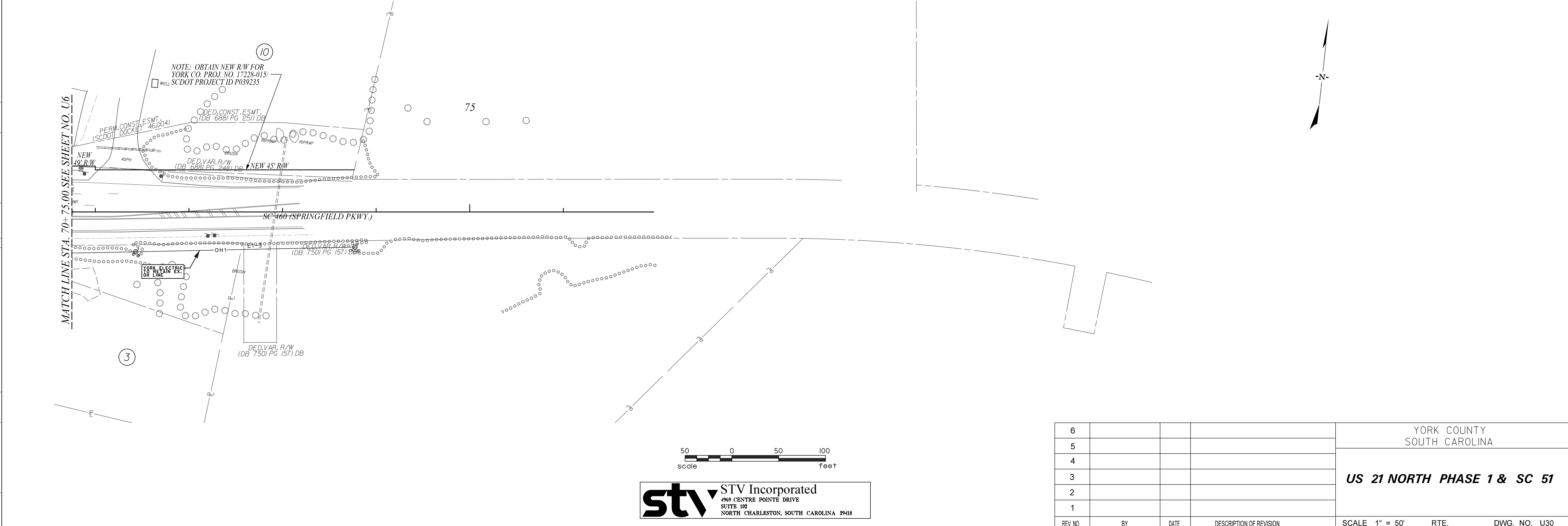
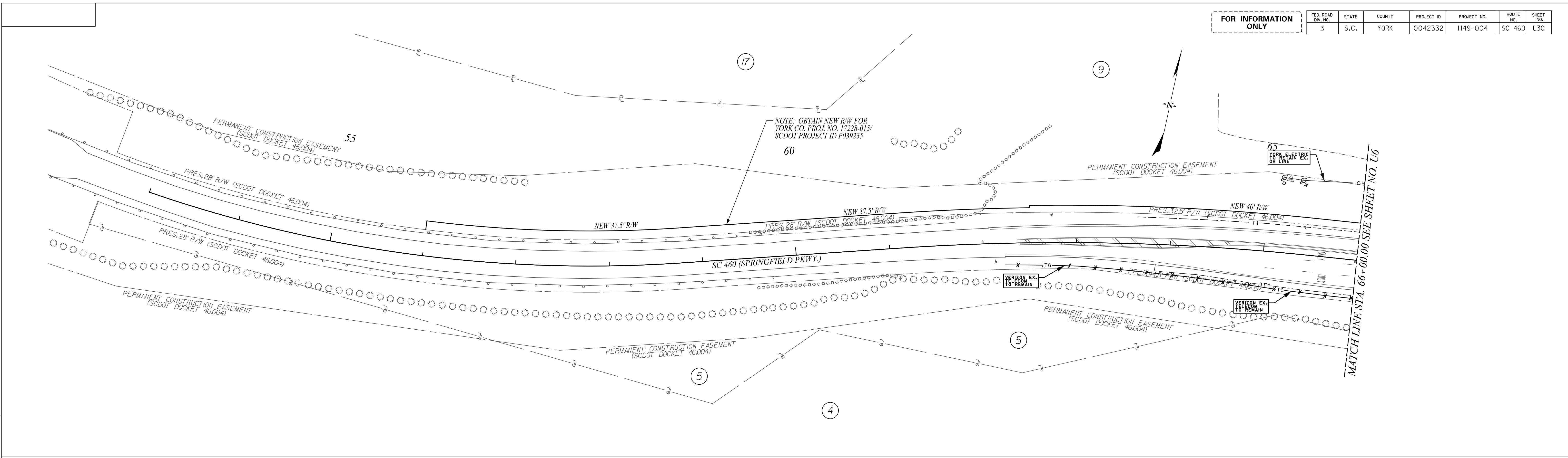
J3-107 (REGENT PKWY.)

stv STV Incorporated
 4969 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418



FOR INFORMATION ONLY

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	SC 460	U30



REV. NO.	DATE	BY	DESCRIPTION OF REVISION
6			
5			
4			
3			
2			
1			



STV STV Incorporated
 469 CENTRE POINTE DRIVE
 SUITE 102
 NORTH CHARLESTON, SOUTH CAROLINA 29418

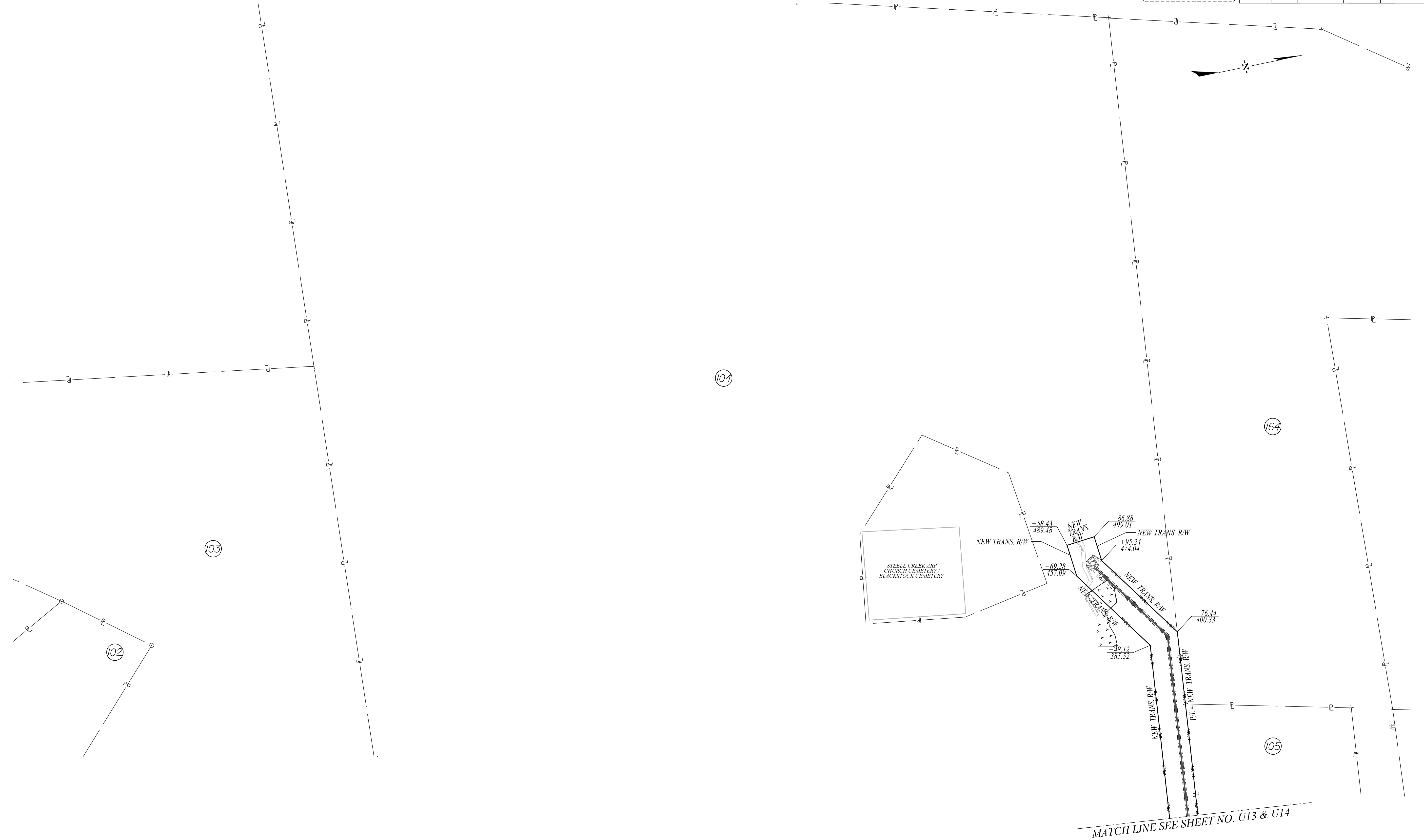
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
6			
5			
4			
3			
2			
1			

YORK COUNTY
 SOUTH CAROLINA
US 21 NORTH PHASE 1 & SC 51
 SCALE 1" = 50' RTE. DWG. NO. U30

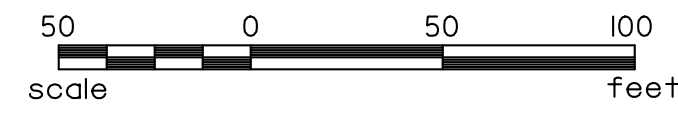
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FOR INFORMATION ONLY

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	YORK	0042332	III49-004	US 21 SC 51	U31



REV. NO.	DATE	BY	DESCRIPTION OF REVISION
6			
5			
4			
3			
2			
1			



stv STV Incorporated
4969 CENTRE POINTE DRIVE
SUITE 102
NORTH CHARLESTON, SOUTH CAROLINA 29418

REV. NO.	BY	DATE	DESCRIPTION OF REVISION	SCALE	RTE.	DWG. NO.
6				1" = 50'	US 21	U31
5						
4						
3						
2						
1						

YORK COUNTY
SOUTH CAROLINA

US 21 NORTH PHASE 1 & SC 51

SCALE 1" = 50' RTE. US 21 DWG. NO. U31

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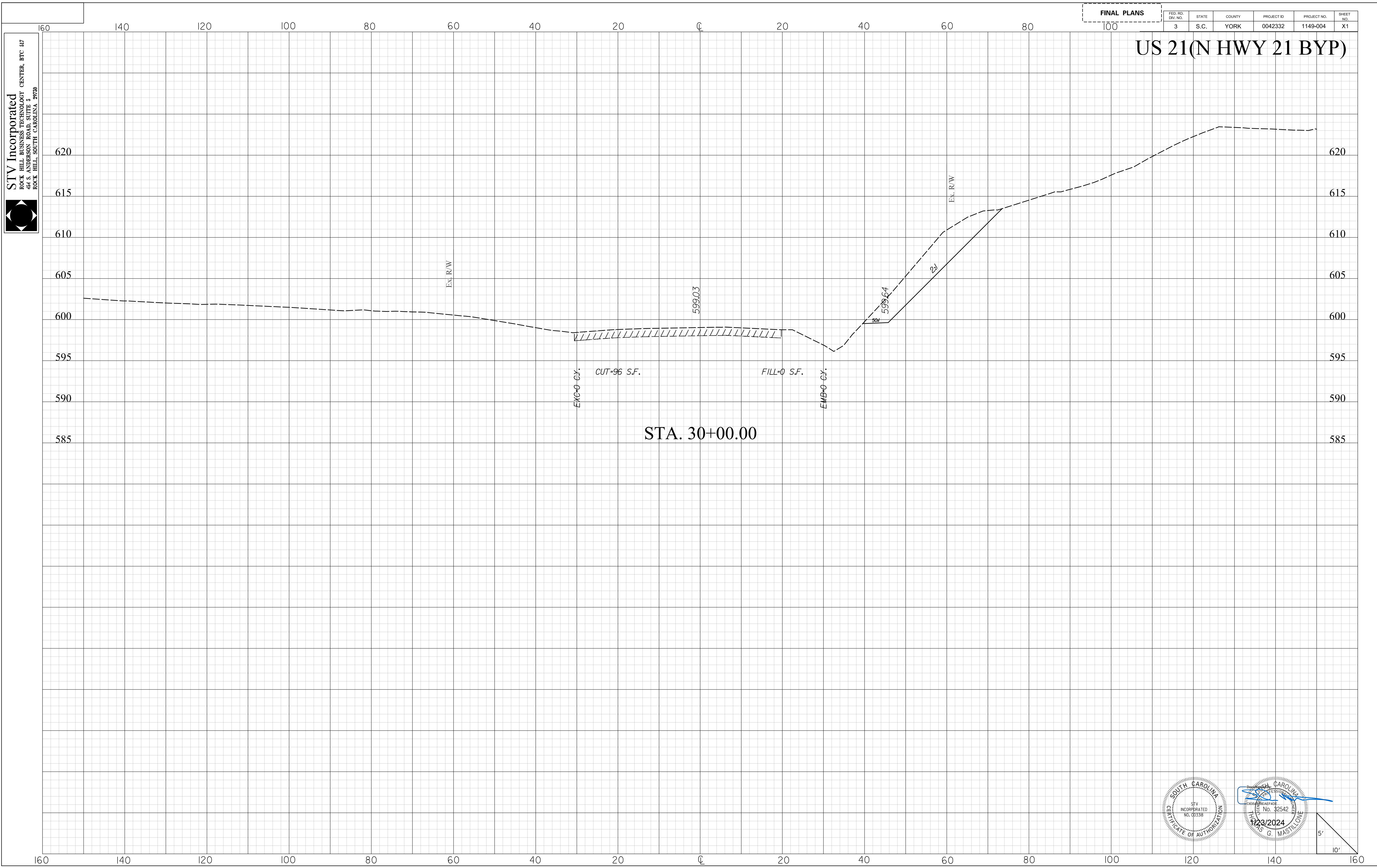
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
464 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

FINAL PLANS

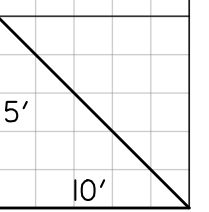
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US 21(N HWY 21 BYP)



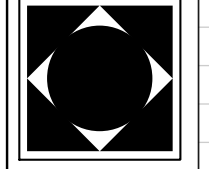
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Professional Engineer Seal for STV Incorporated, South Carolina, License No. 32542, dated 1/23/2024, signed by G. Mastl.



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1/23/2024

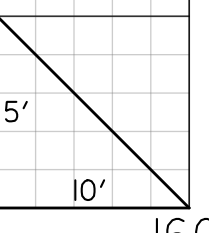
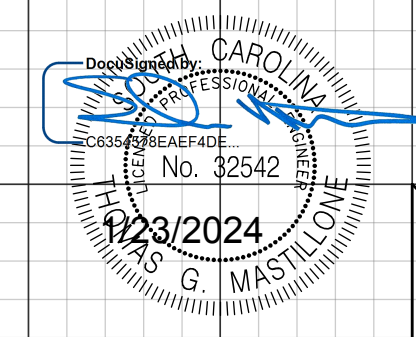
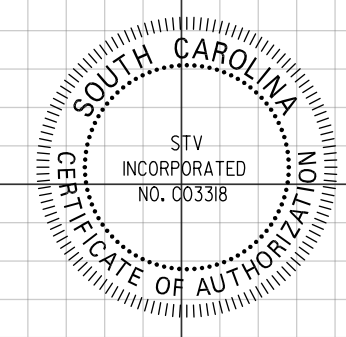
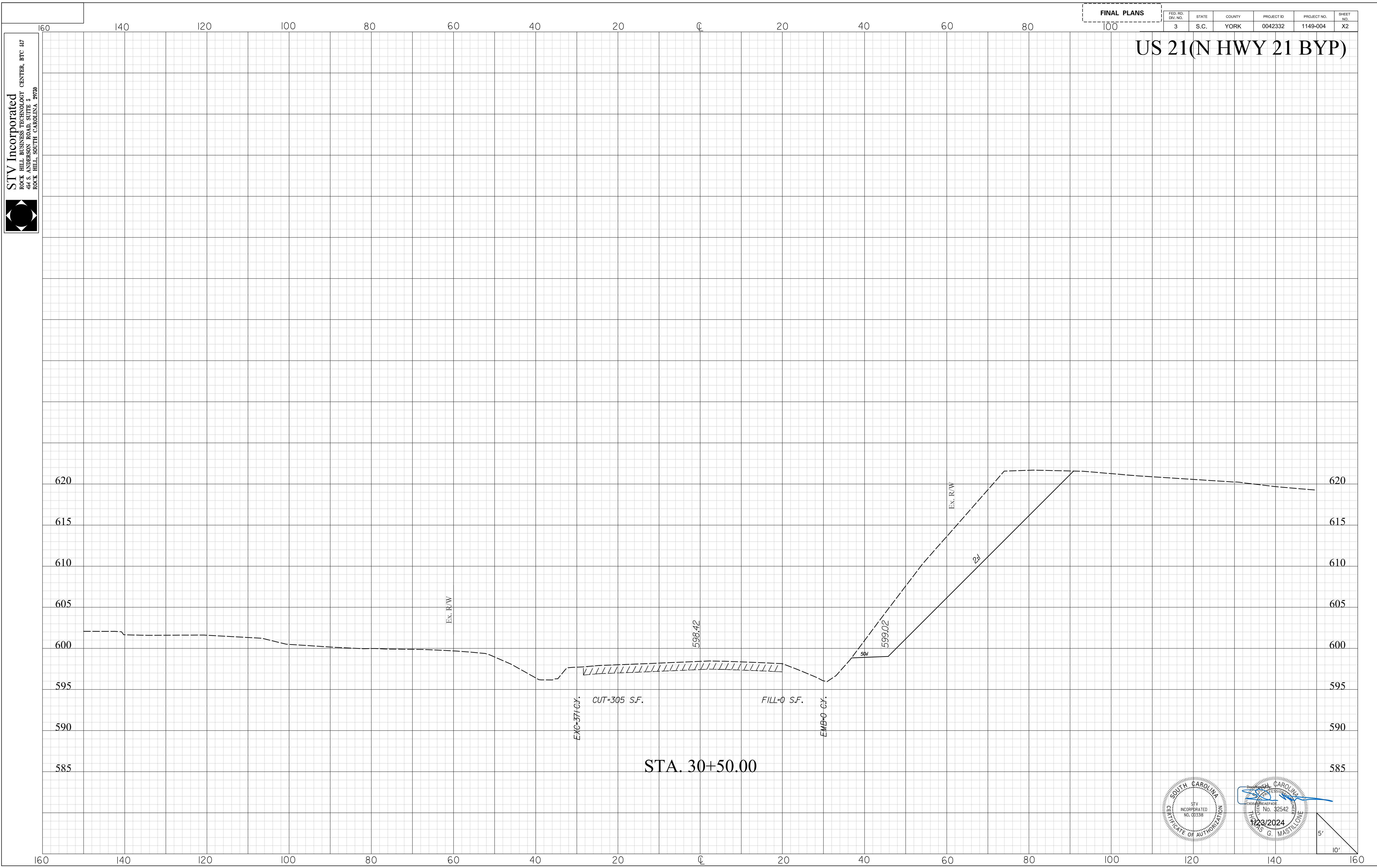
STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720



FINAL PLANS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)



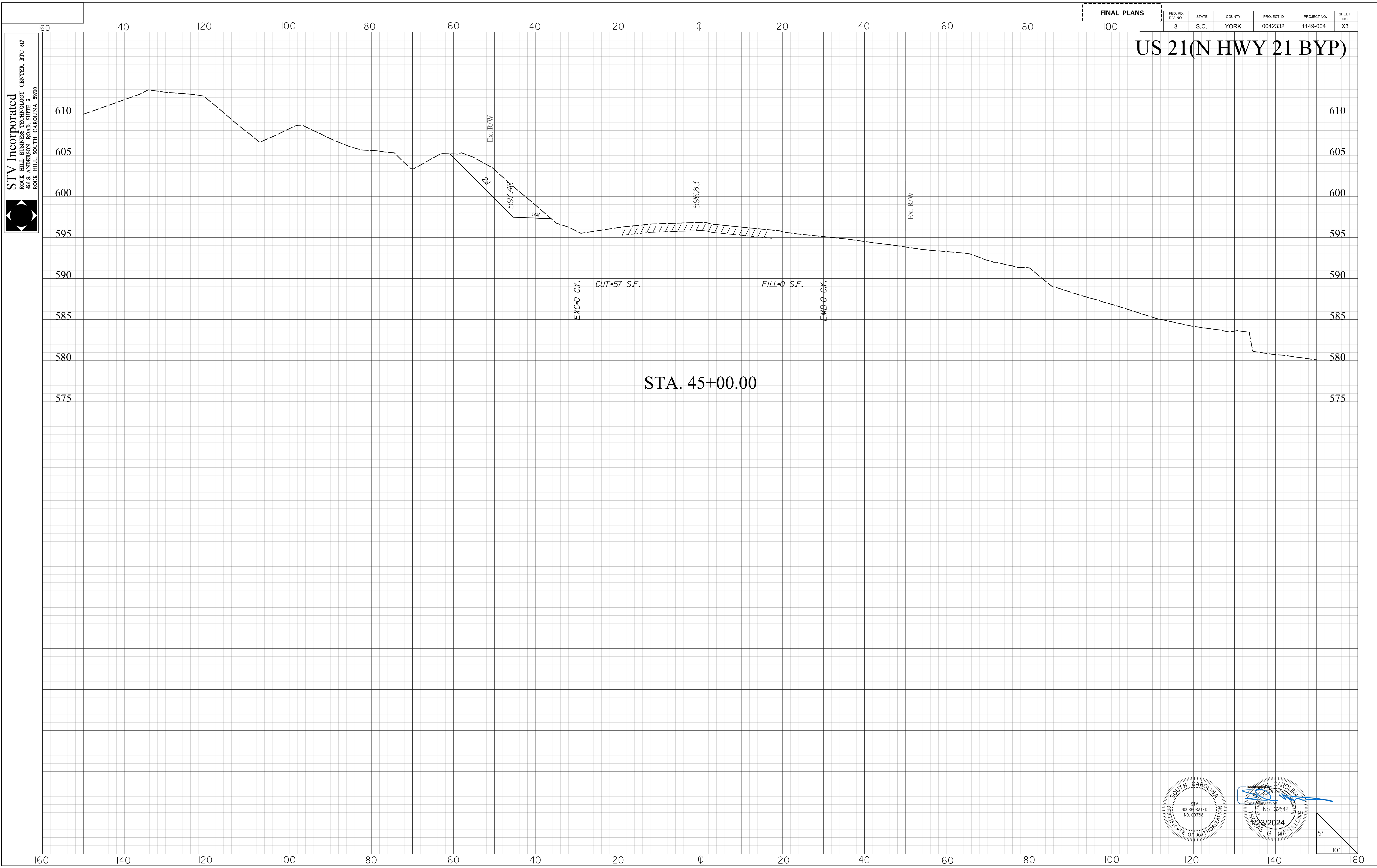
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STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

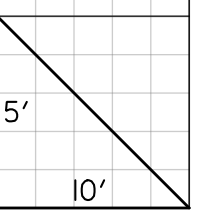
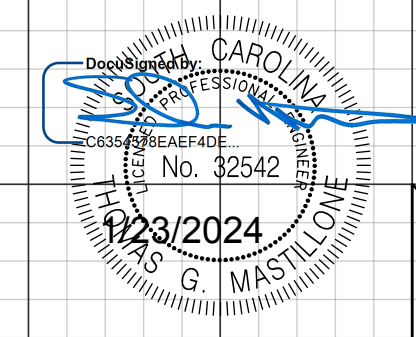
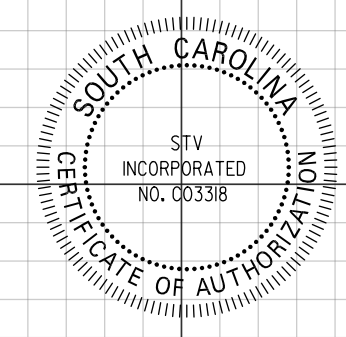
FINAL PLANS

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US 21(N HWY 21 BYP)

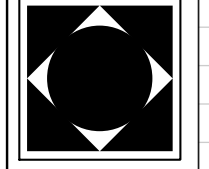


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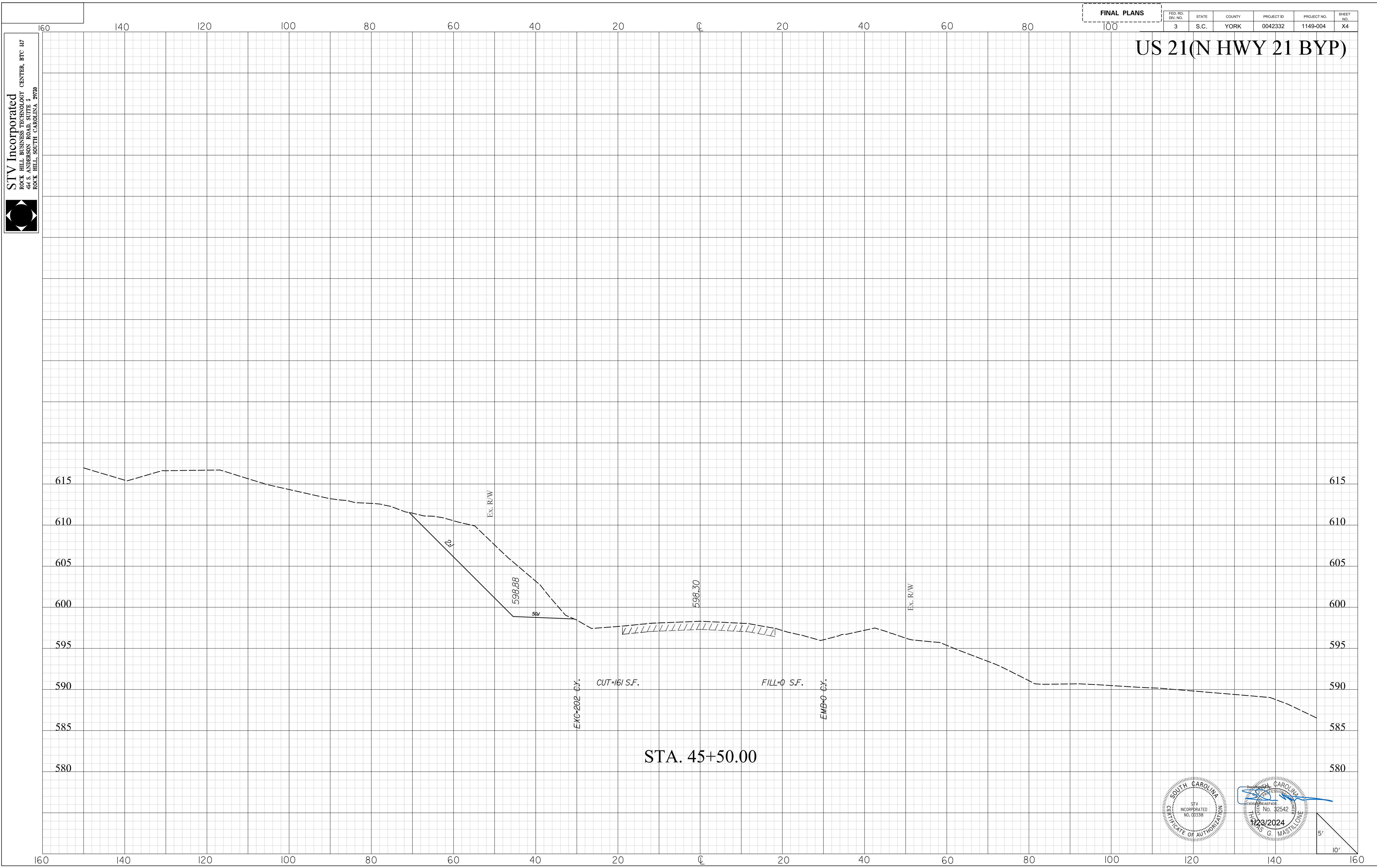
STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720



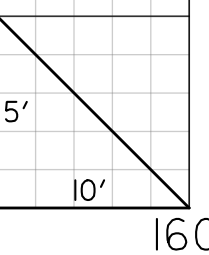
FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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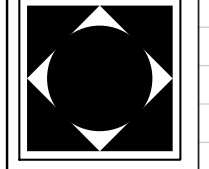


Professional Engineer Seal for M. G. Mastl, No. 32542, State of South Carolina, dated 1/23/2024.



mastlimg
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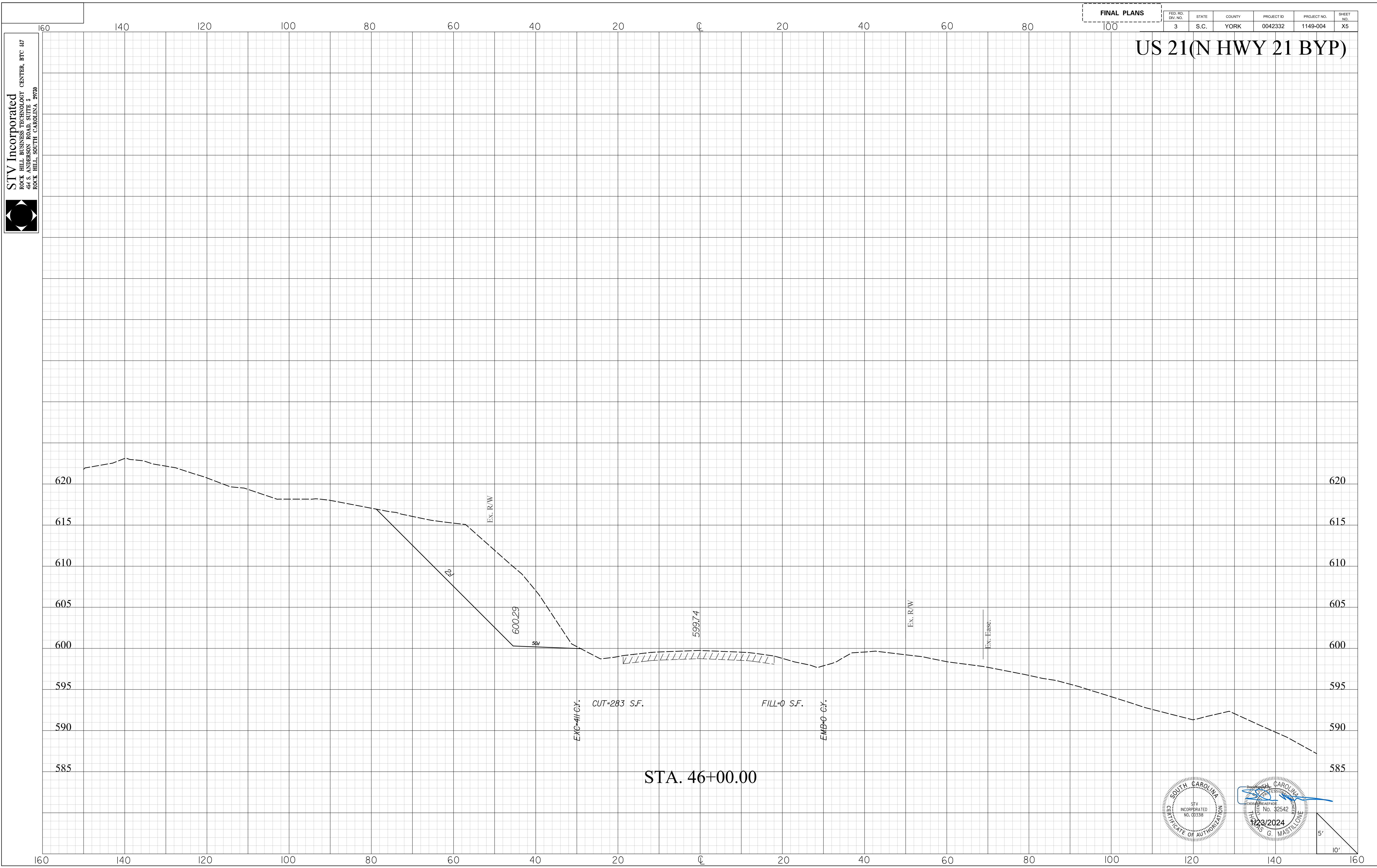
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ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720



FINAL PLANS

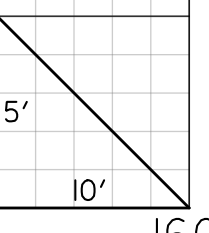
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X5

US 21(N HWY 21 BYP)



STA. 46+00.00

Professional Engineer seal for STV Incorporated, No. 32542, and a date stamp of 1/23/2024.



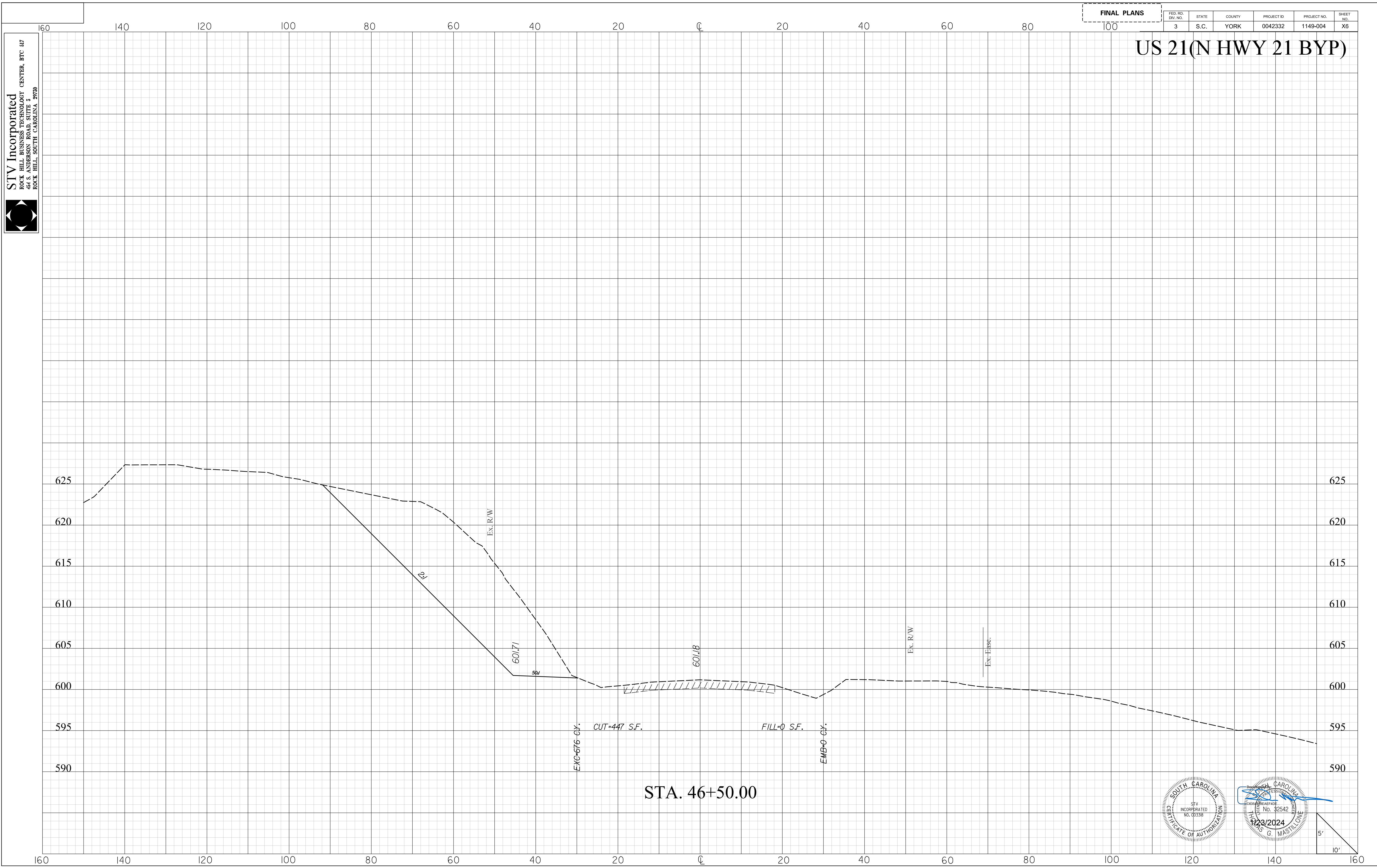
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

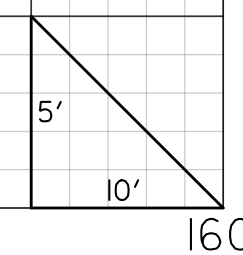
FINAL PLANS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X6

US 21(N HWY 21 BYP)



SOUTH CAROLINA
 STATE ENGINEER
 No. 32542
 1/23/2024
 AS G. MASTILLON



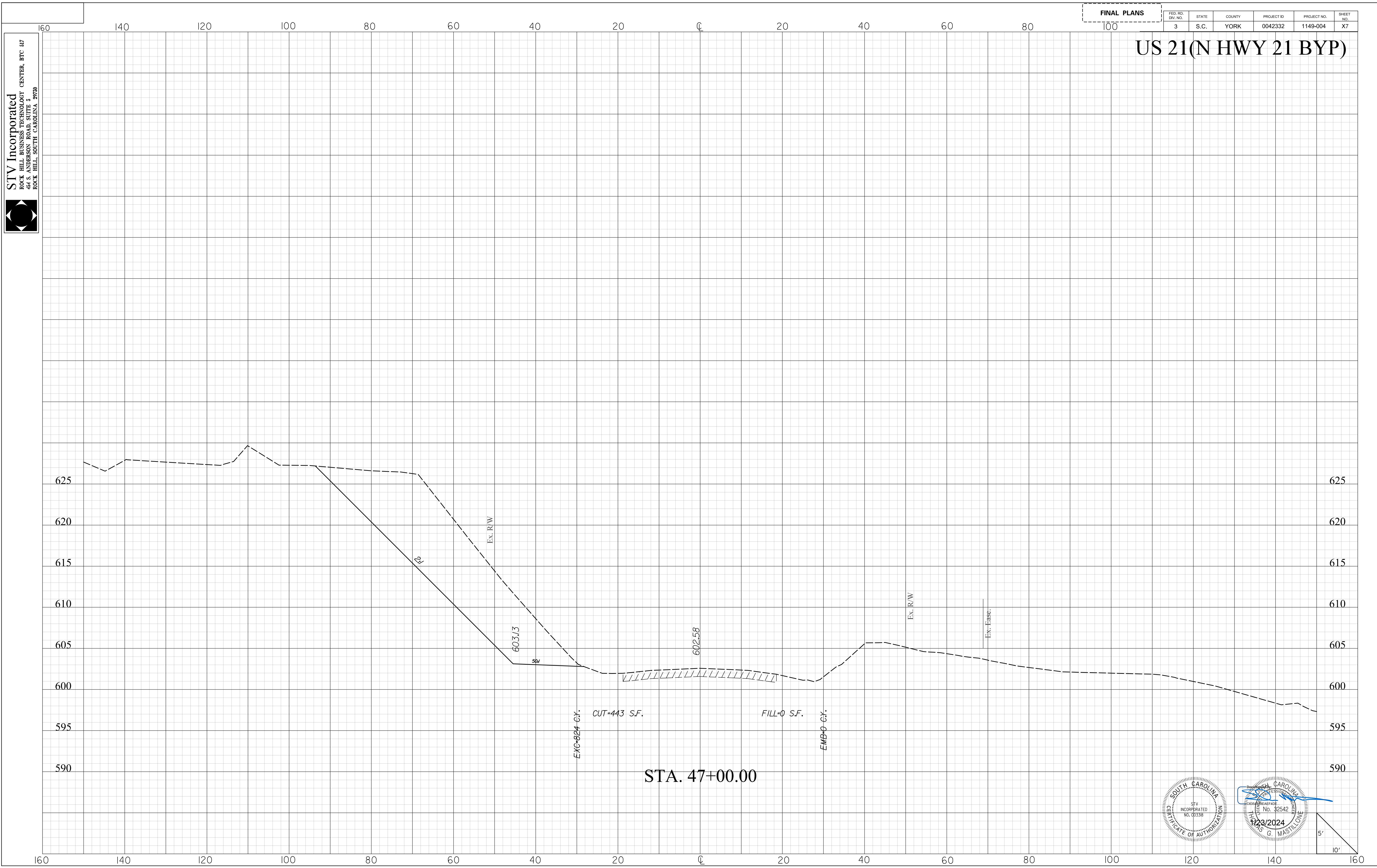
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STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X7

US 21(N HWY 21 BYP)



STA. 47+00.00

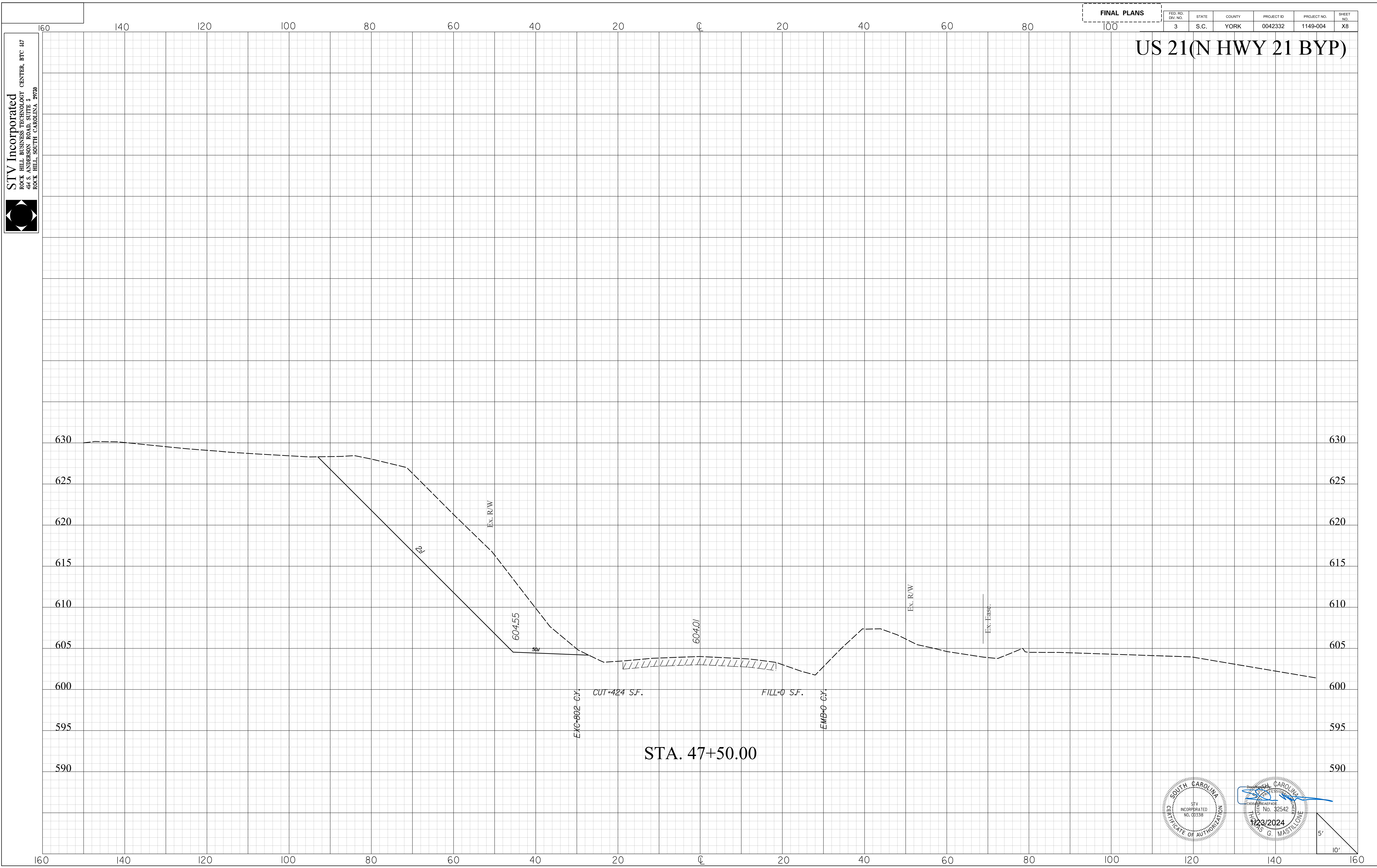
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

FINAL PLANS

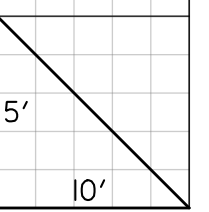
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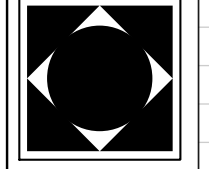
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Professional Engineer Seal for South Carolina, No. 32542, dated 1/23/2024, signed by G. Mastl.



mastl1tg
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1/23/2024

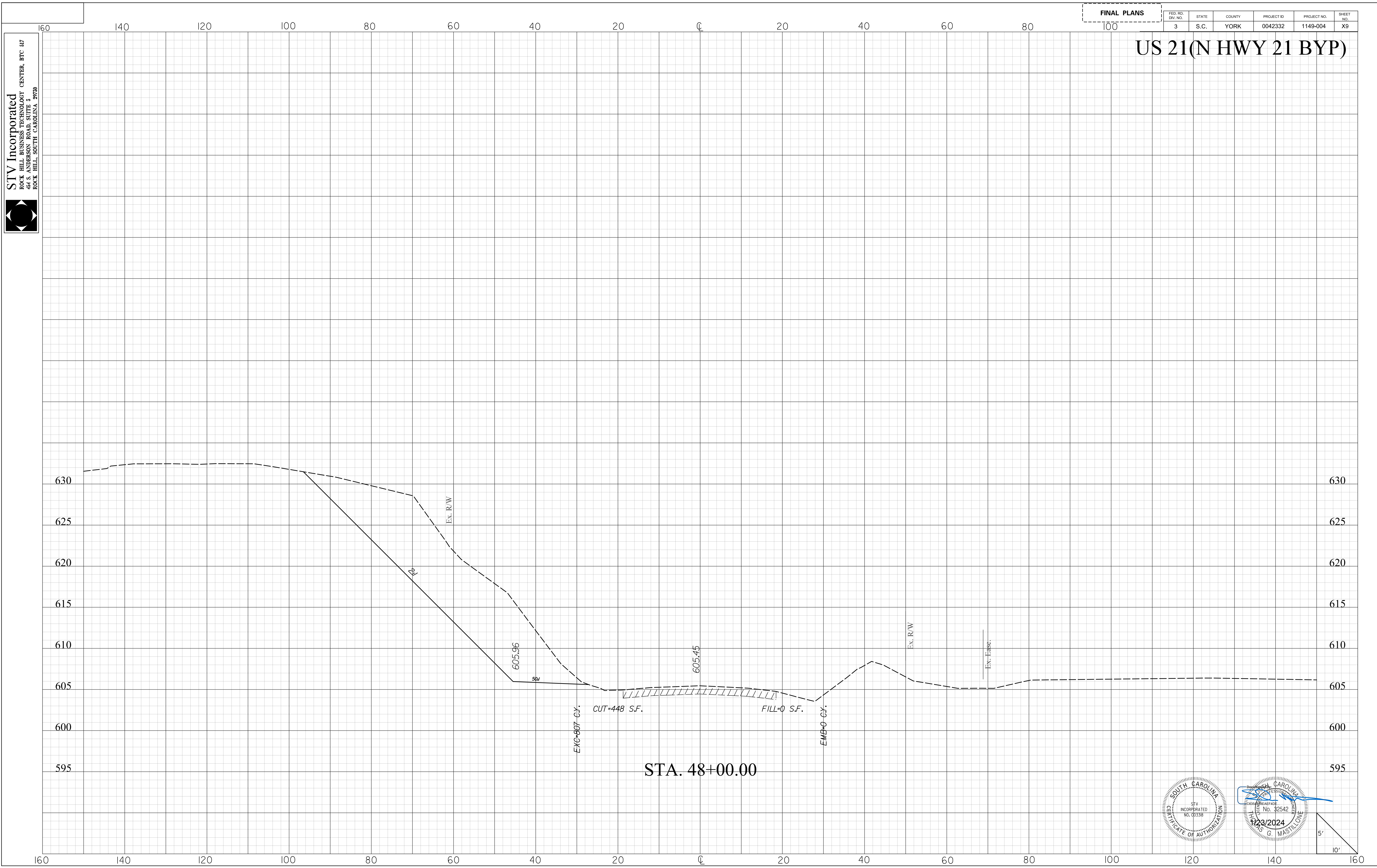
STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720



FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X9

US 21(N HWY 21 BYP)



Professional Engineer and Surveyor stamps for STV Incorporated and Mastl1tg, dated 1/23/2024.

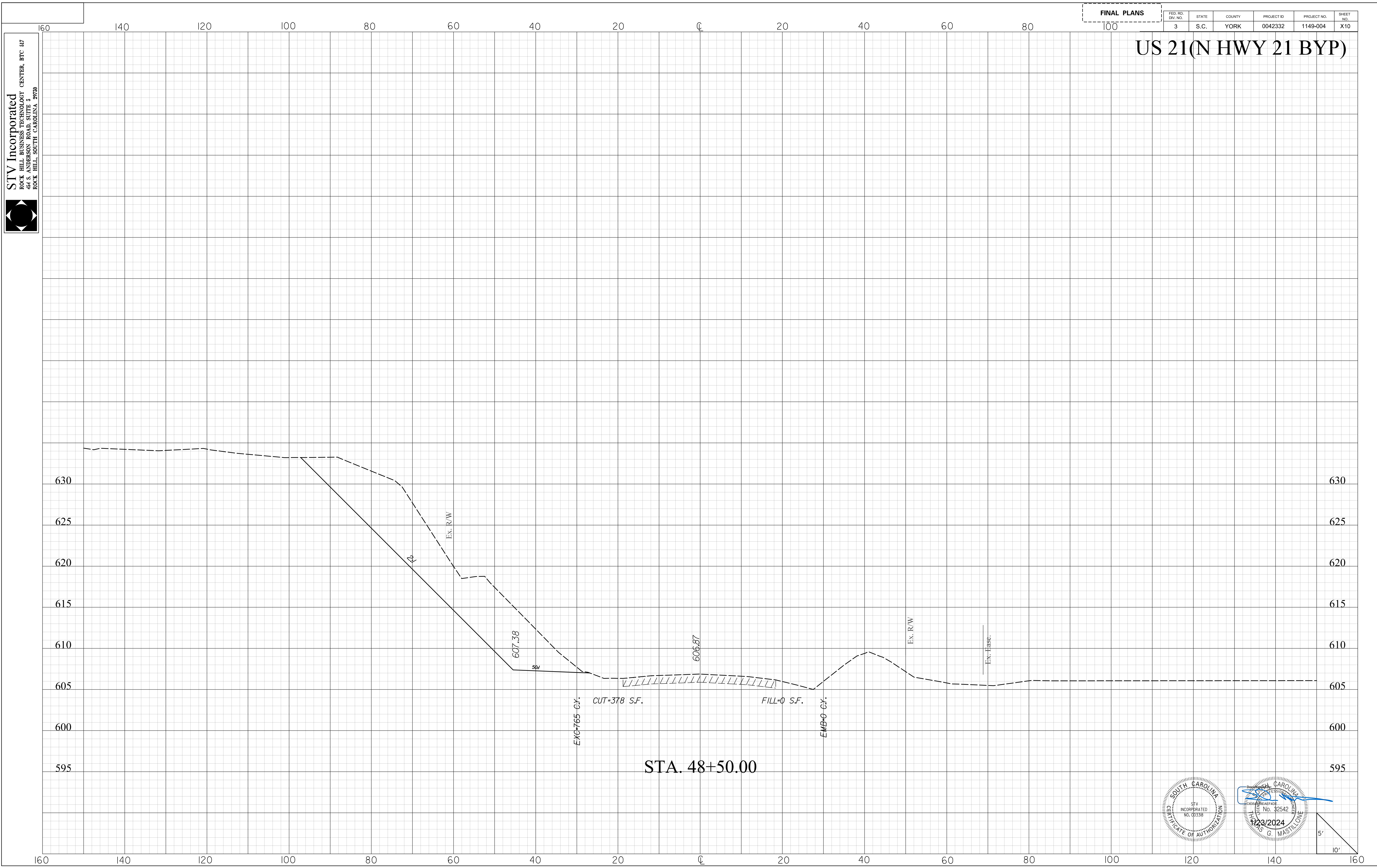
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

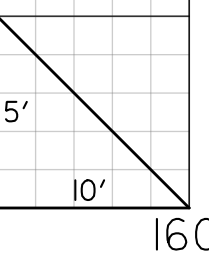
FINAL PLANS

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3	S.C.	YORK	0042332	1149-004	X10

US 21(N HWY 21 BYP)



Professional Engineer Seal for STV Incorporated, South Carolina, License No. 32542, dated 1/23/2024. The seal includes the text "SOUTH CAROLINA ENGINEER" and "STV INCORPORATED NO. 003318".

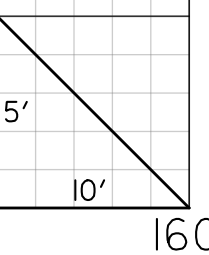
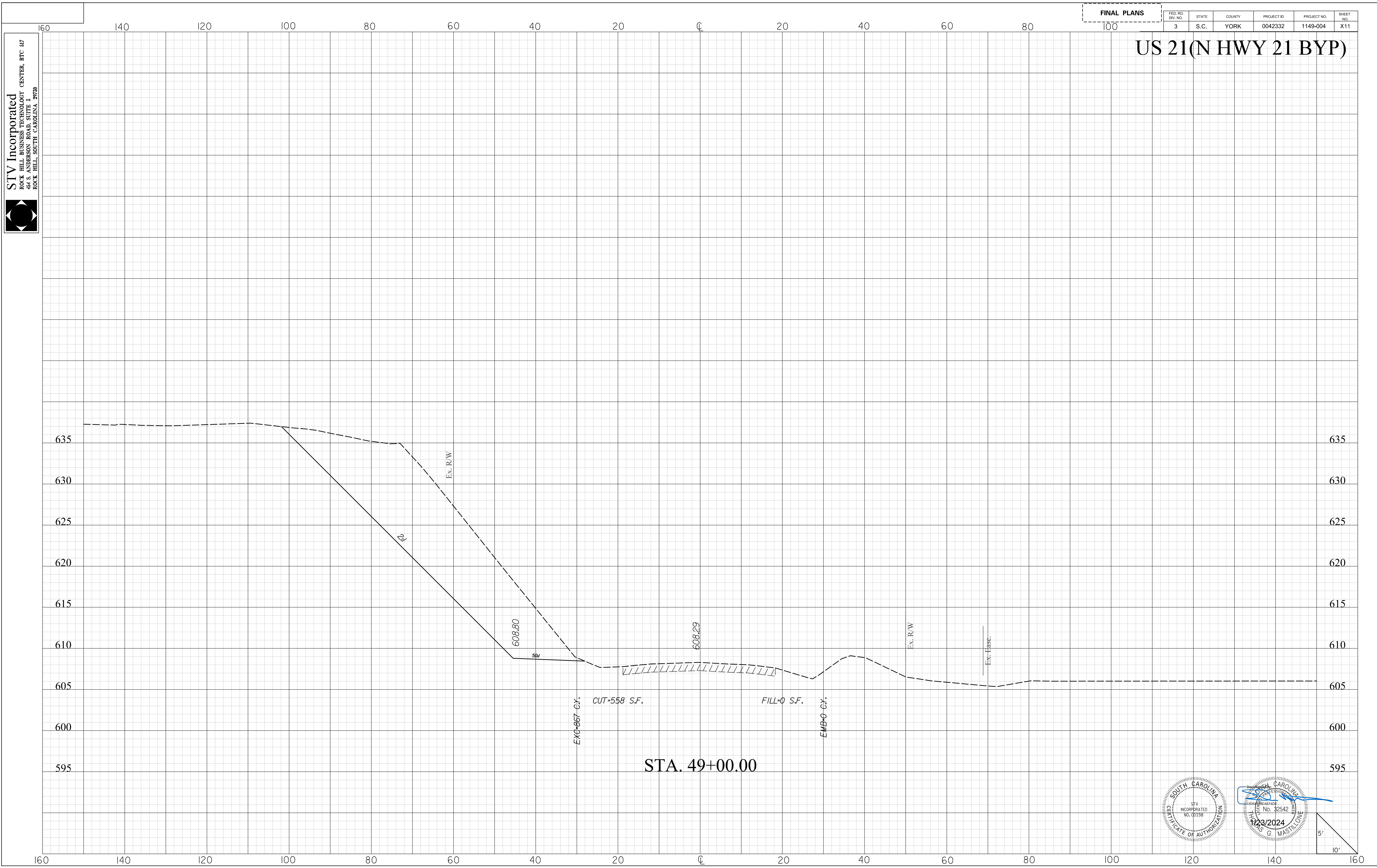


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STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

FINAL PLANS					
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)



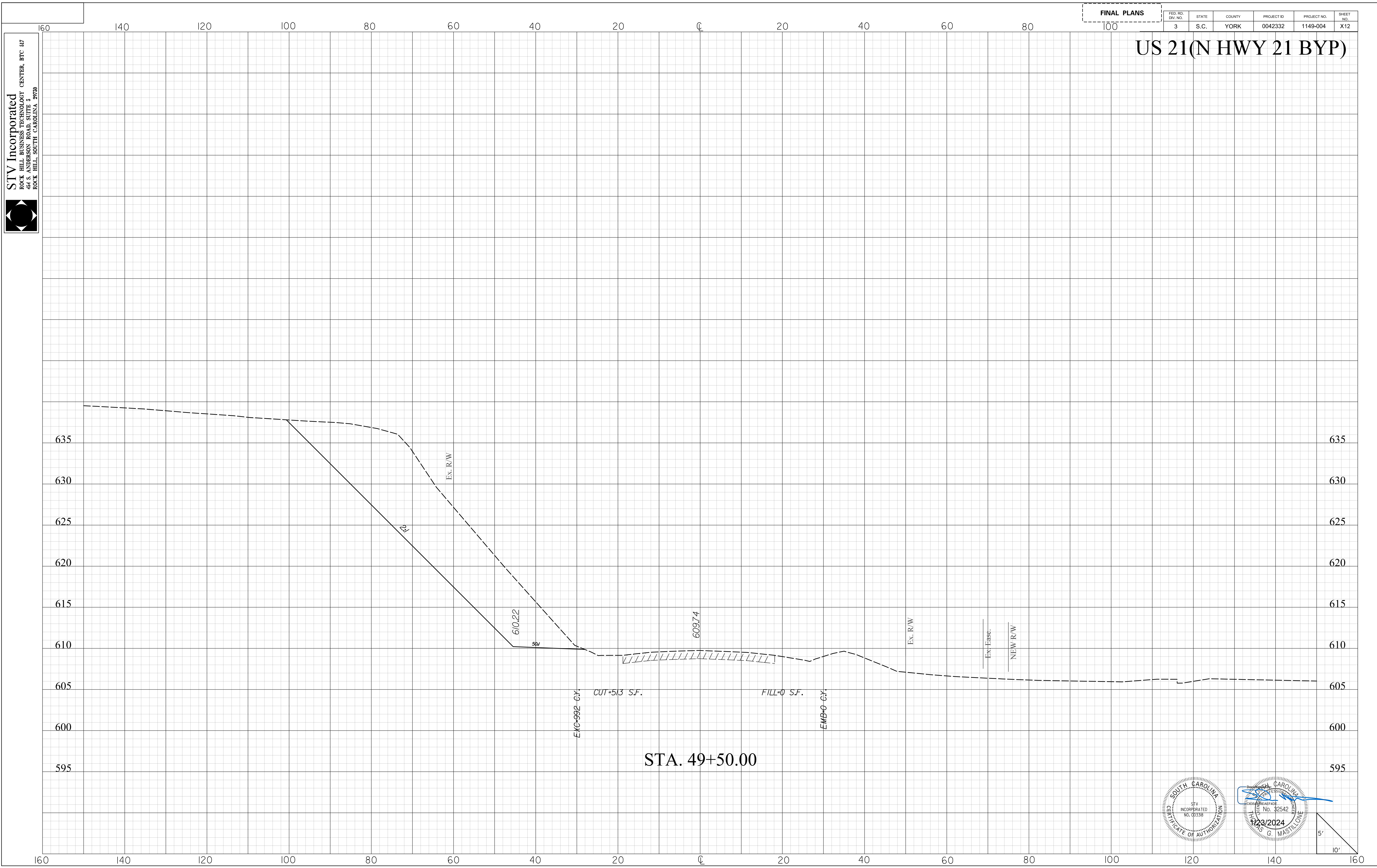
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

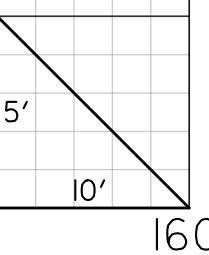
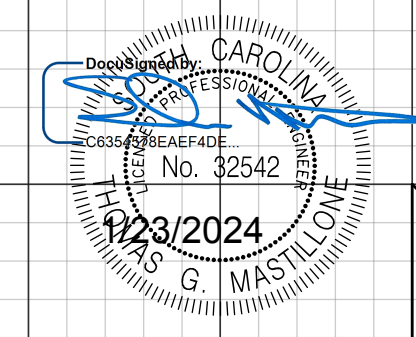
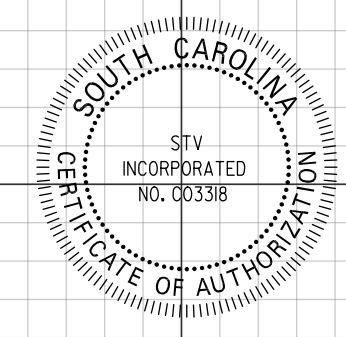
FINAL PLANS

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US 21(N HWY 21 BYP)



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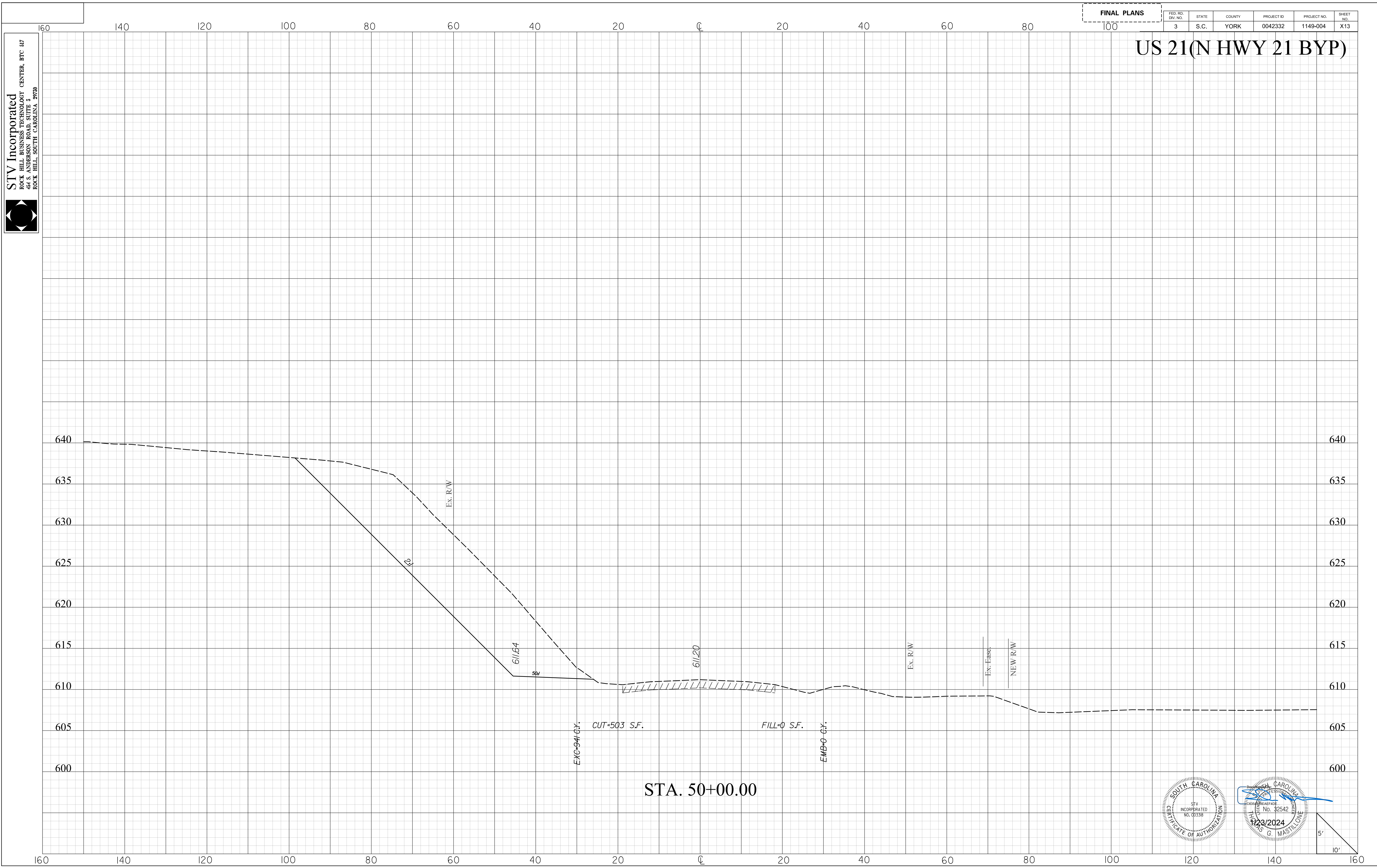
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STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

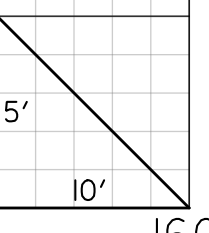
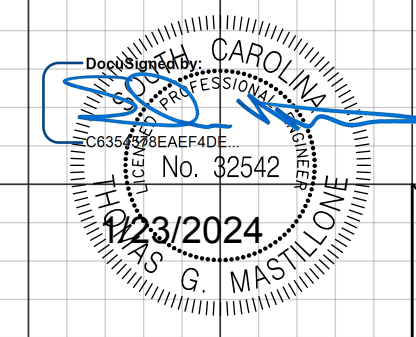
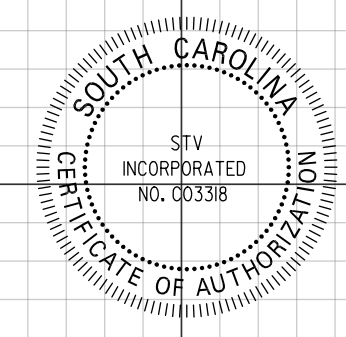
FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X13

US 21(N HWY 21 BYP)



STA. 50+00.00



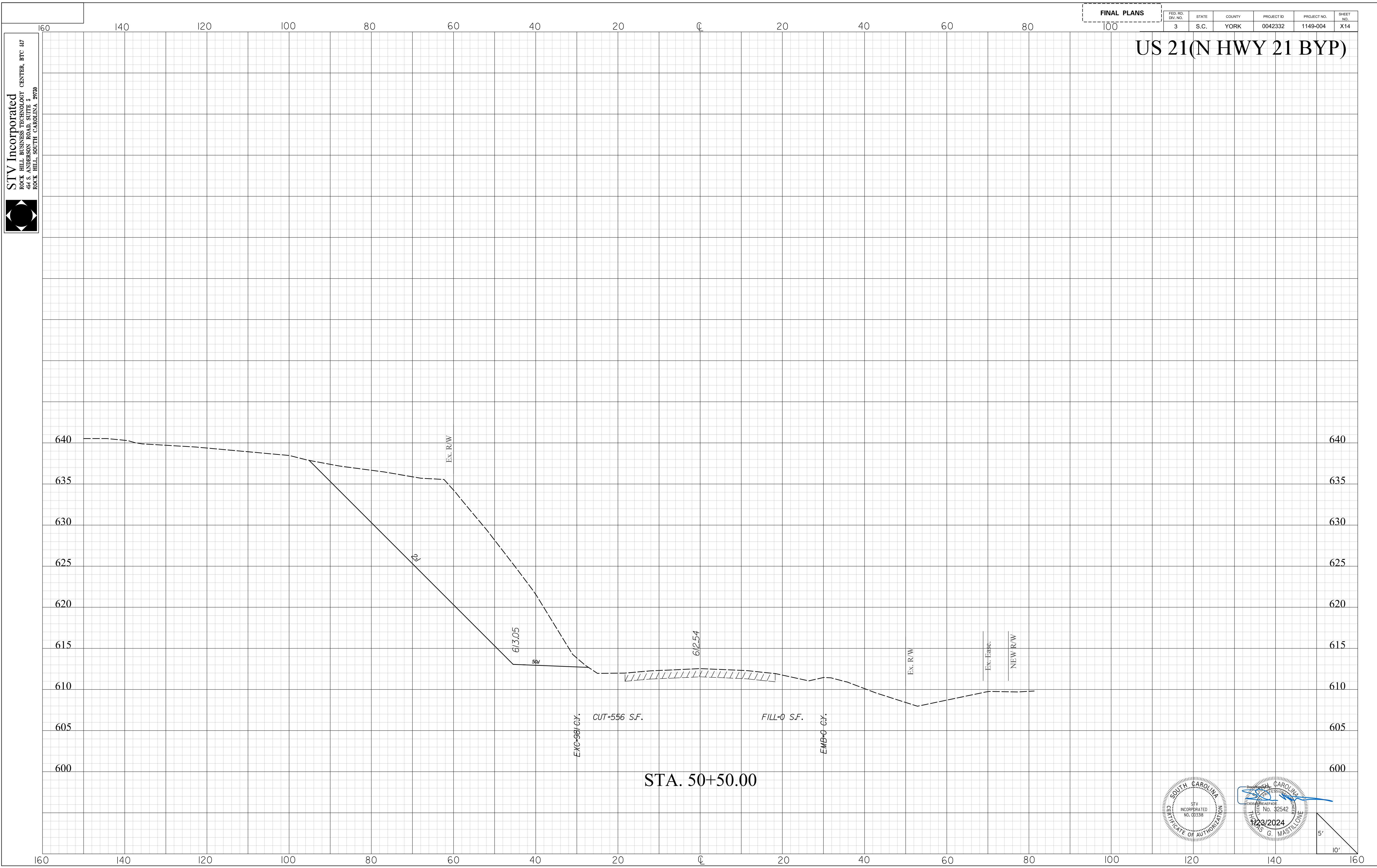
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
464 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

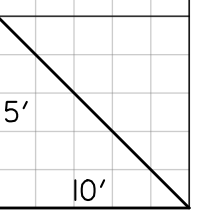
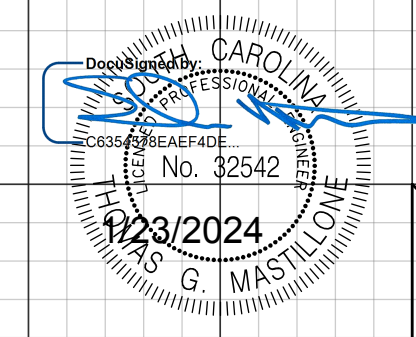
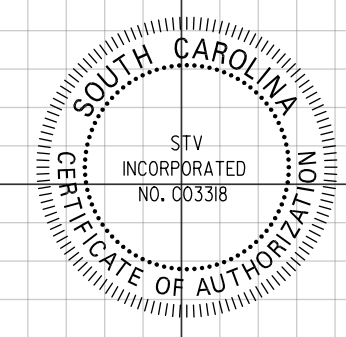
FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)

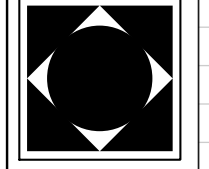


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1/23/2024

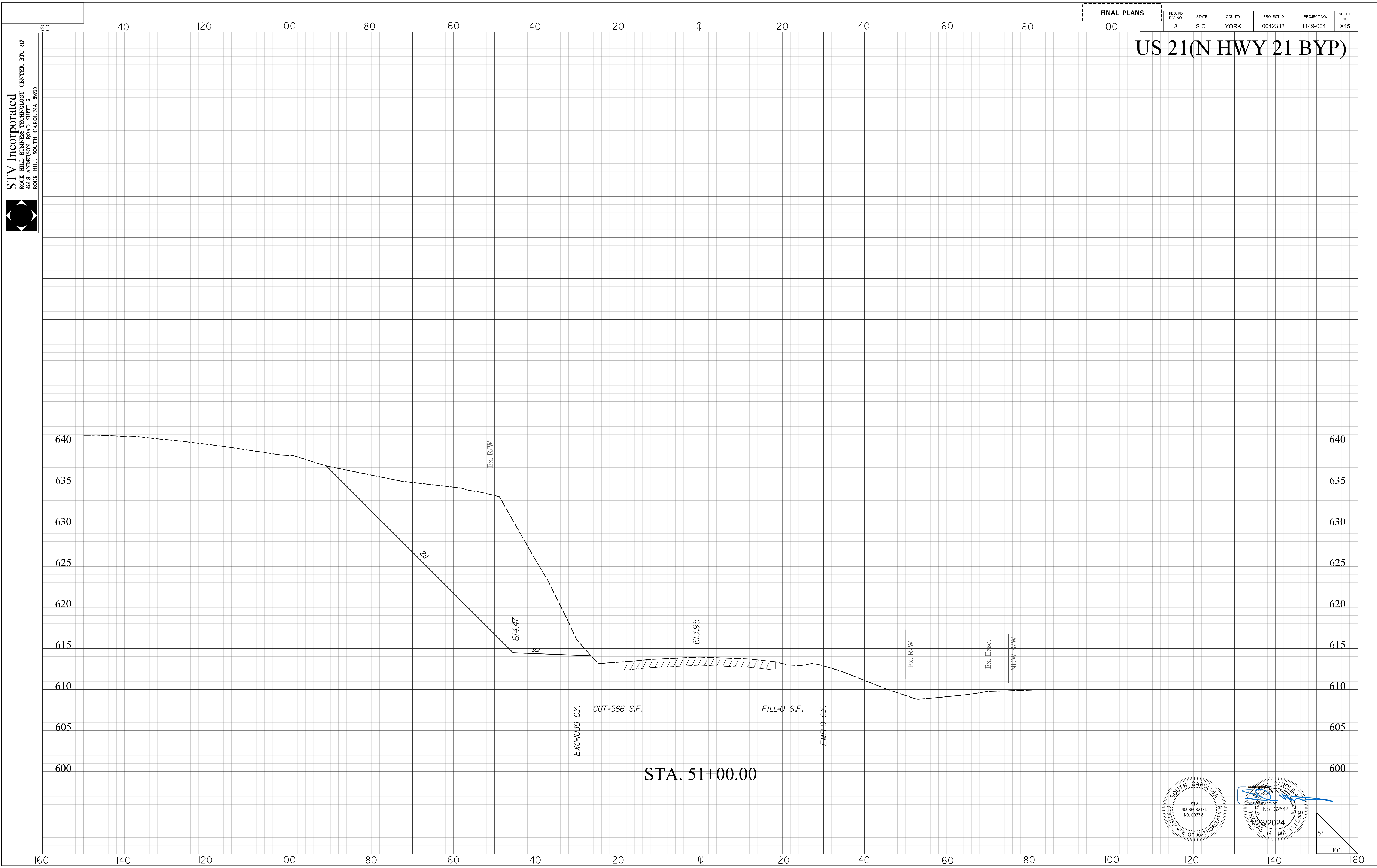
STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720



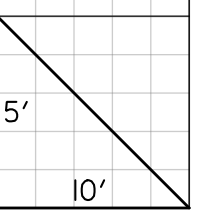
FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)



Professional Engineer Seal for STV Incorporated, No. 32542, dated 1/23/2024.



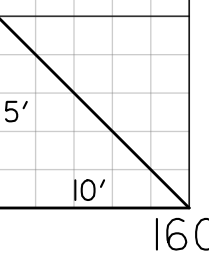
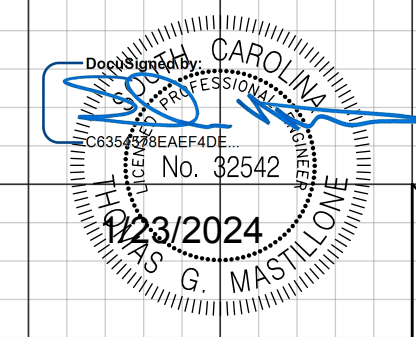
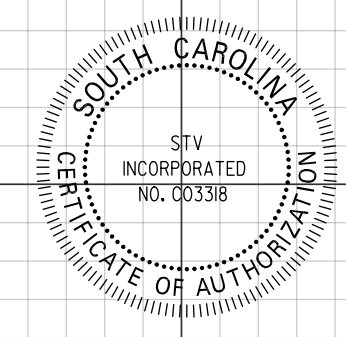
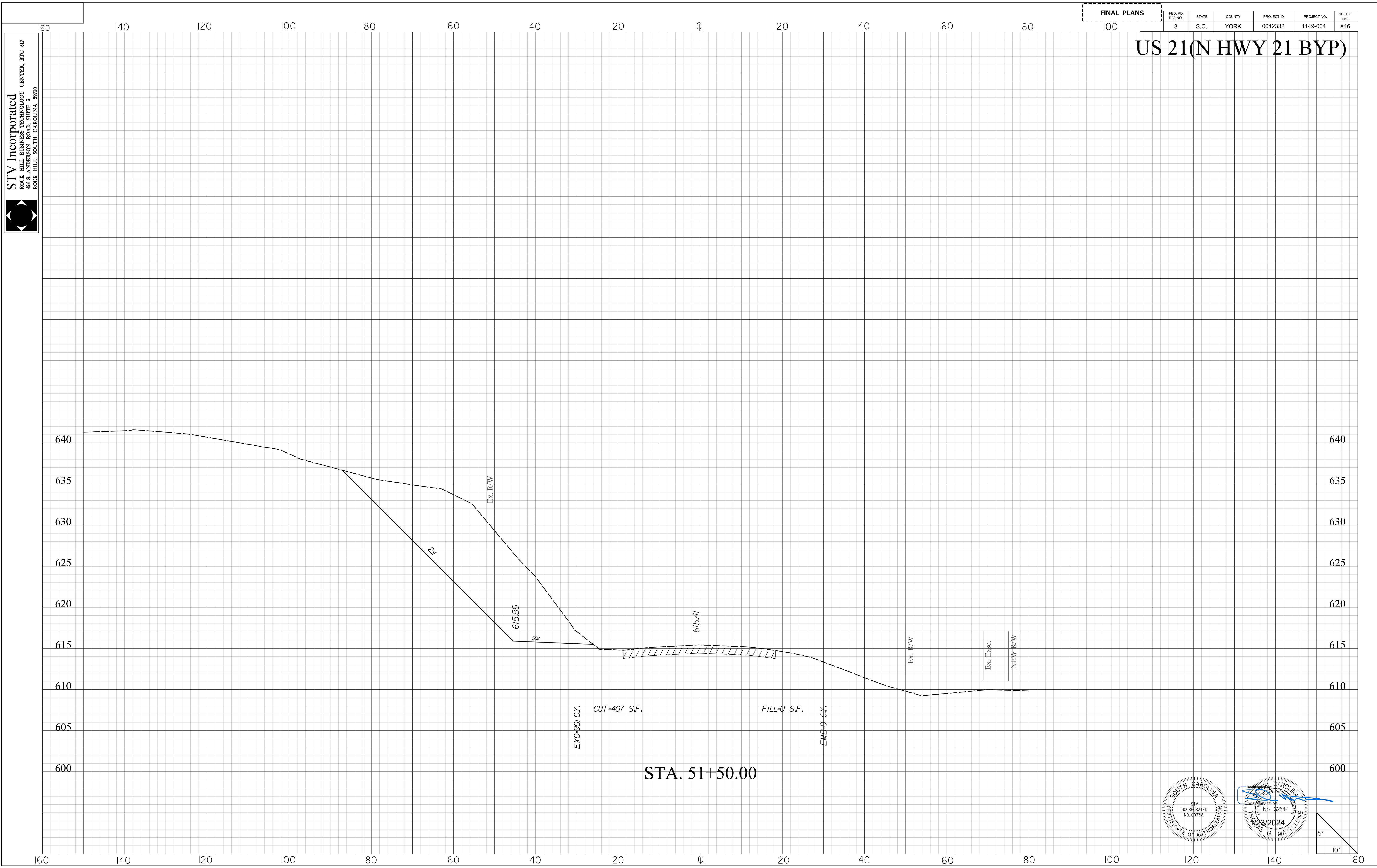
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1/23/2024

STV Incorporated
ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)

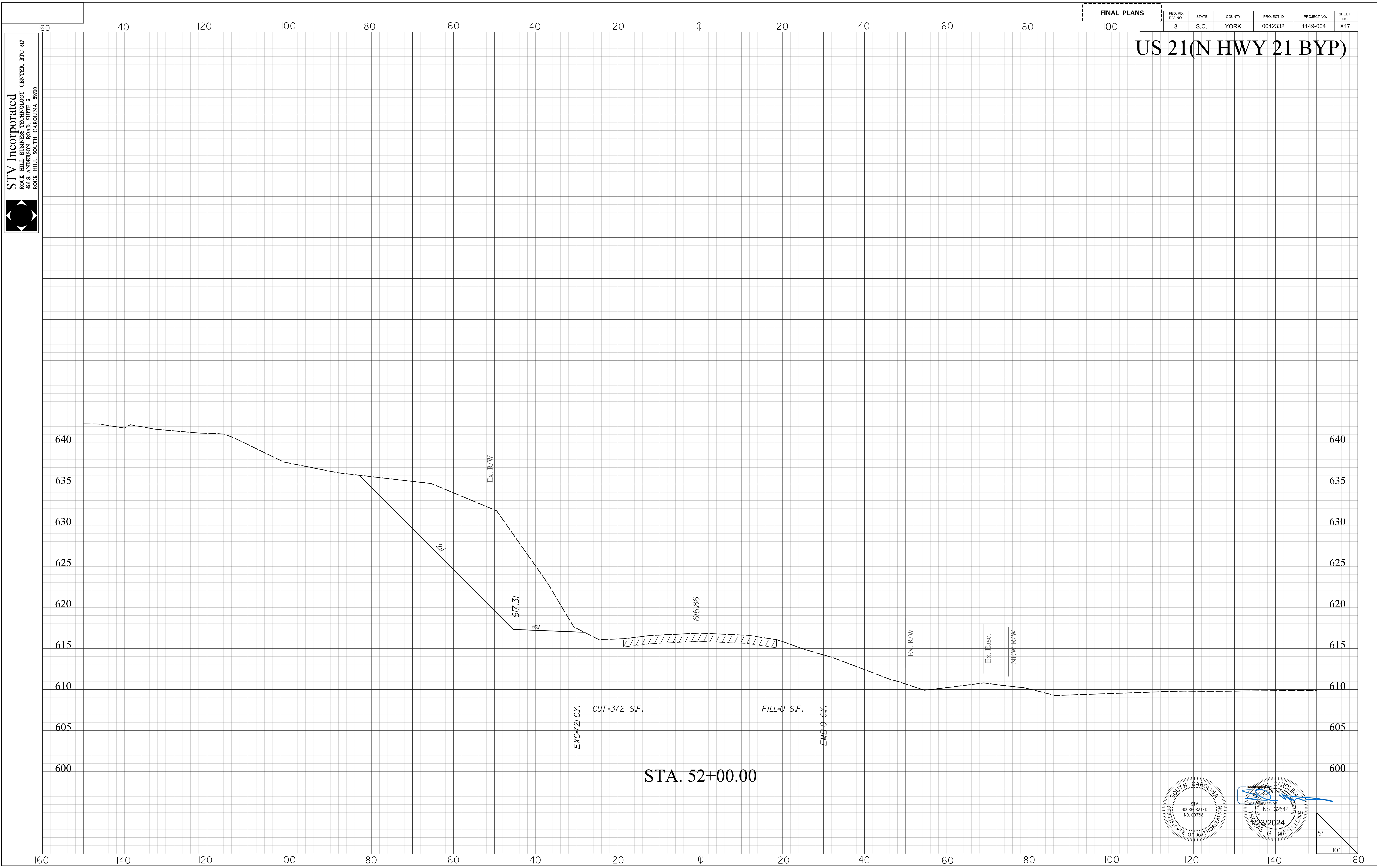


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ROCK HILL BUSINESS TECHNOLOGY CENTER, BTC 317
44 S. ANDERSON ROAD, SUITE 3
ROCK HILL, SOUTH CAROLINA 29720

FINAL PLANS					
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X17

US 21(N HWY 21 BYP)



STA. 52+00.00

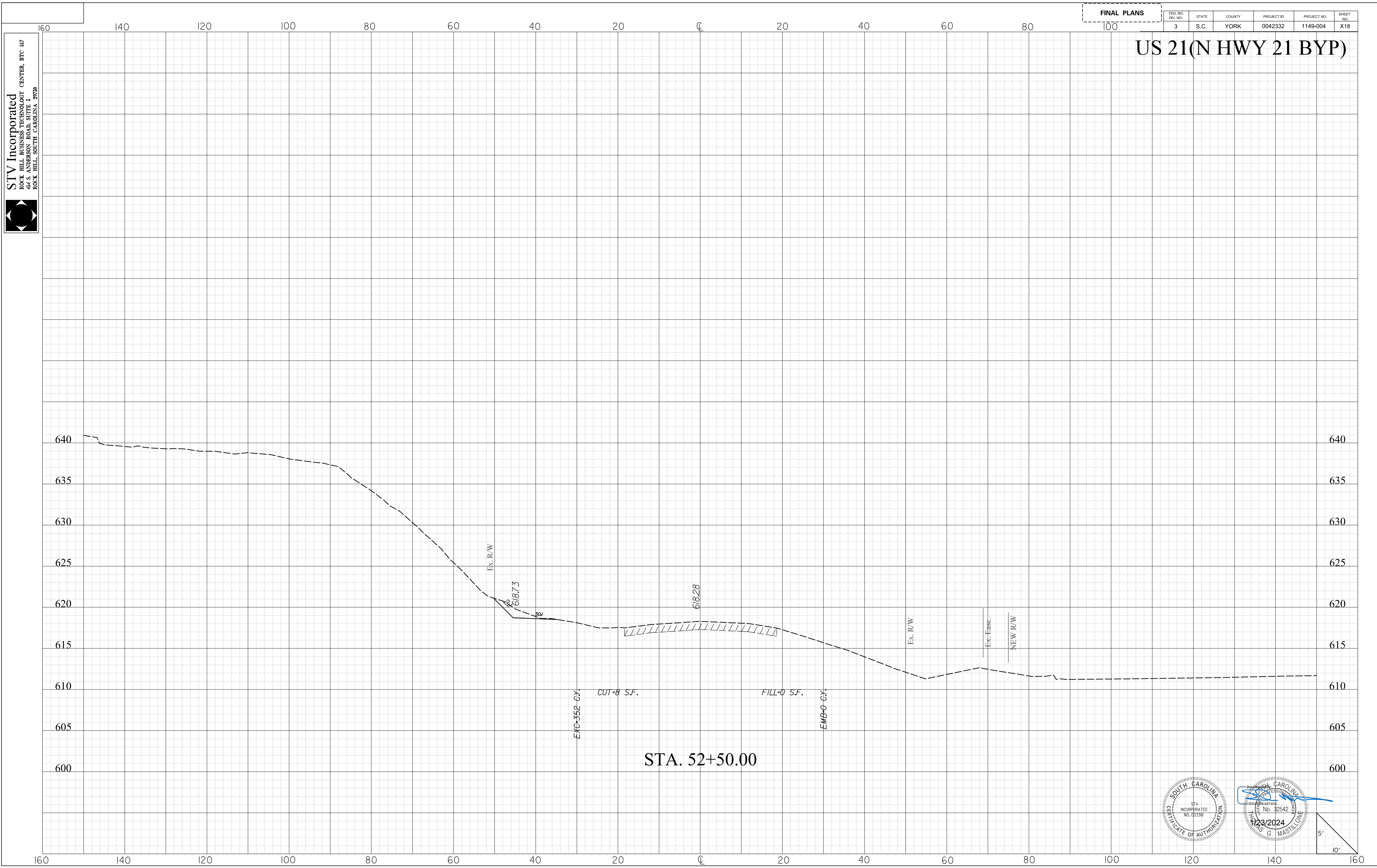
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1/23/2024

STV Incorporated
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ROCK HILL, SOUTH CAROLINA 29720

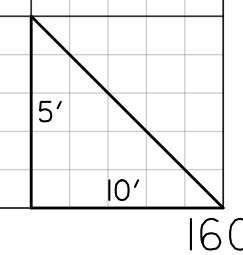
FINAL PLANS

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US 21(N HWY 21 BYP)

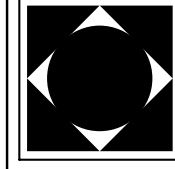


Professional Engineer Seal for STV Incorporated, South Carolina, License No. 32542, dated 1/23/2024. The seal includes the name of the engineer, AS G. MASTL1TG, and the state of South Carolina.



mostlitg
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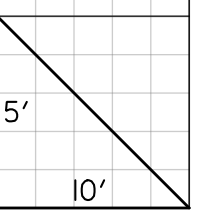
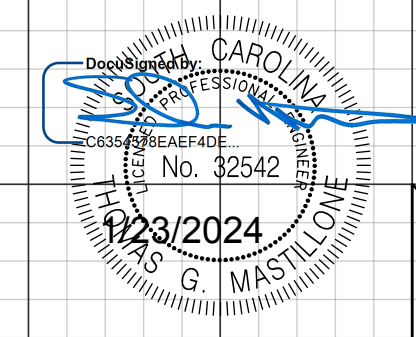
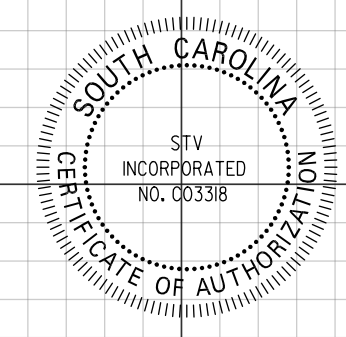
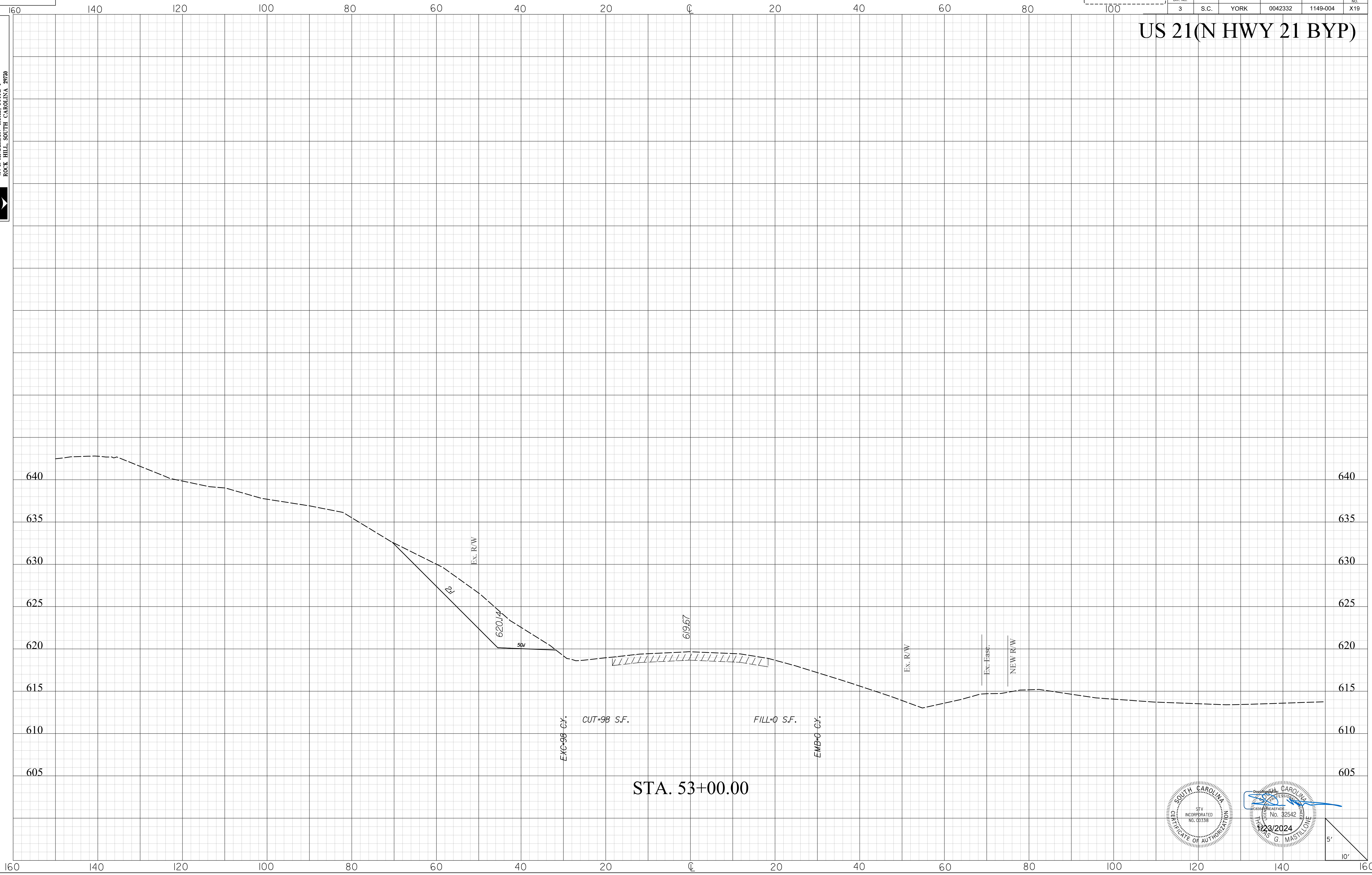
STV Incorporated
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FINAL PLANS

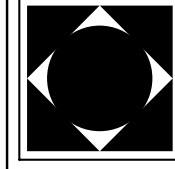
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3	S.C.	YORK	0042332	1149-004	X19

US 21(N HWY 21 BYP)



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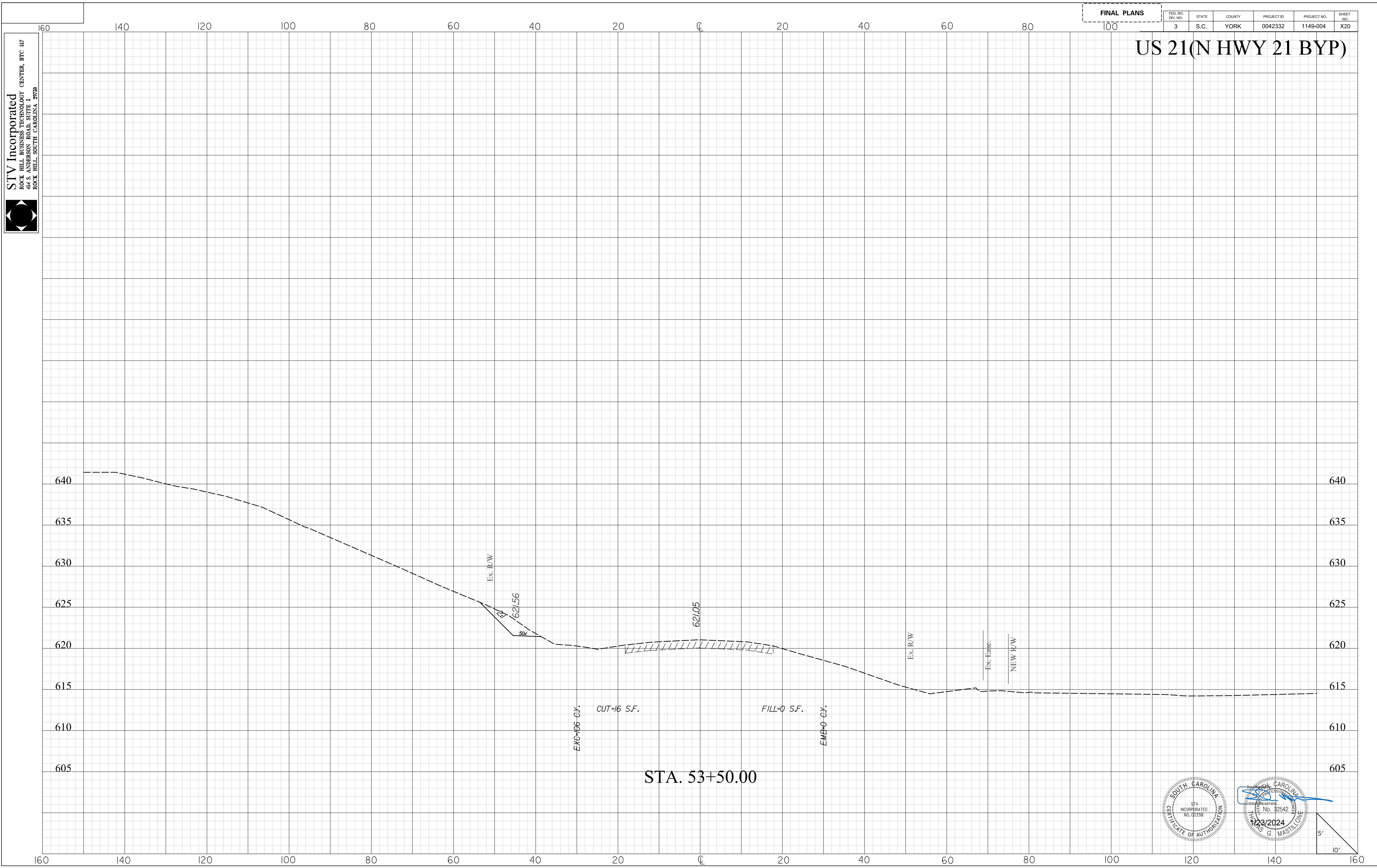
STV Incorporated
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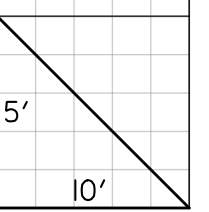
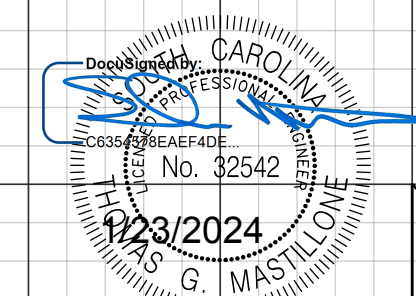
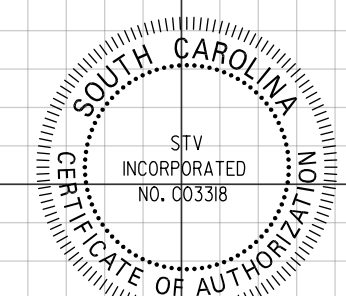
FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)



STA. 53+50.00



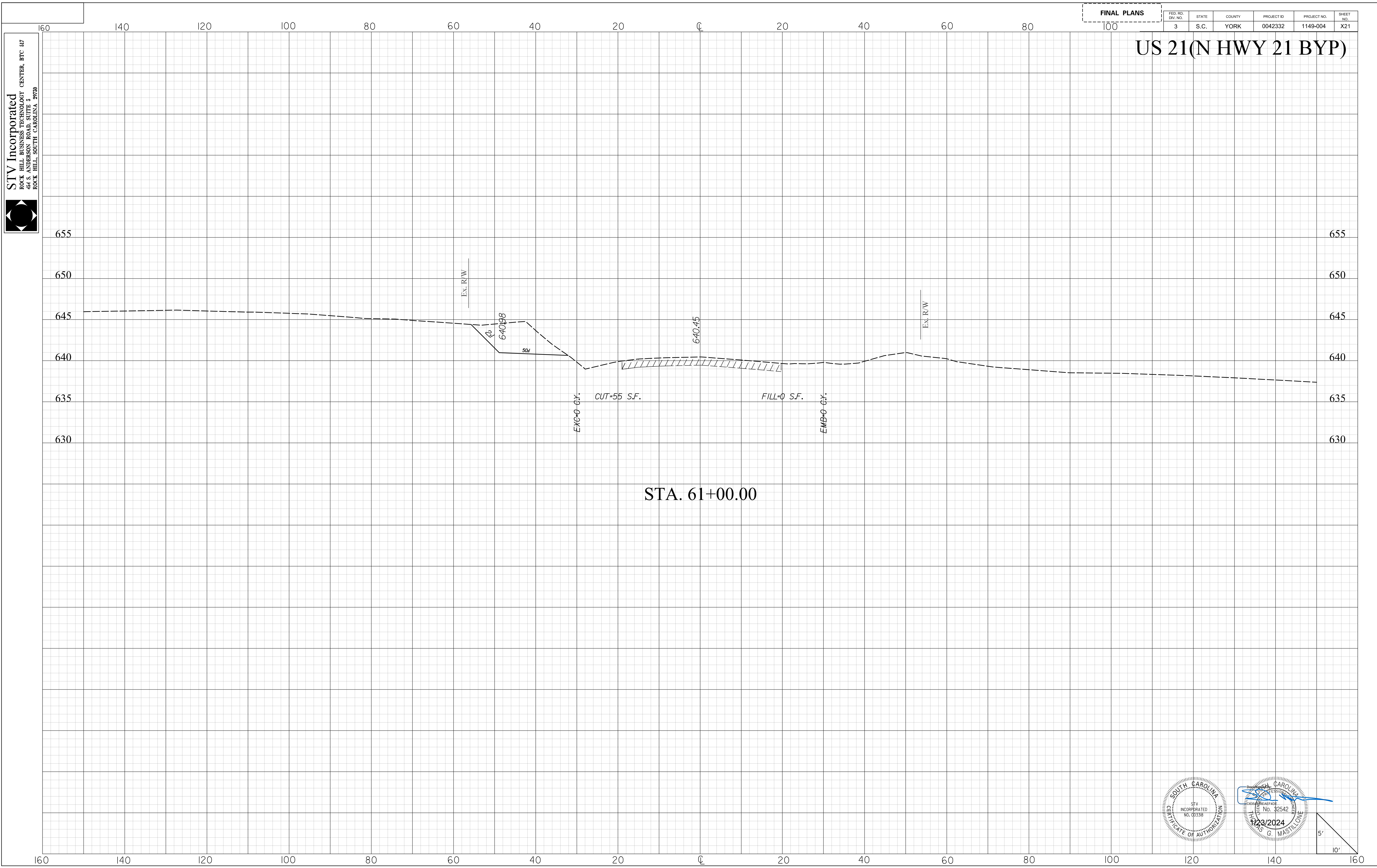
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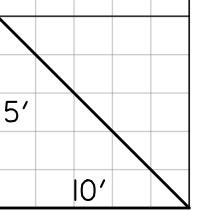
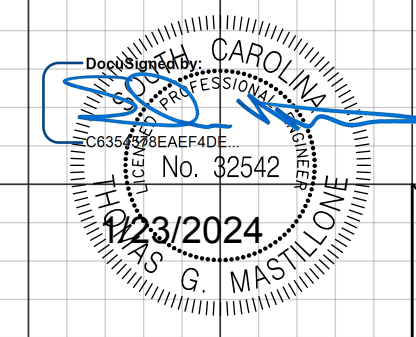
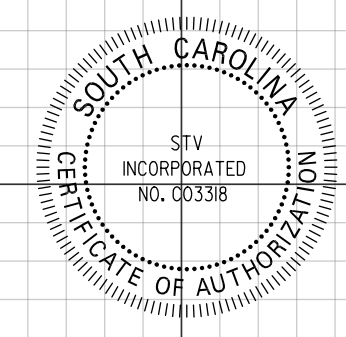
FINAL PLANS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
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US 21(N HWY 21 BYP)

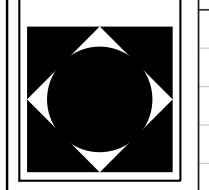


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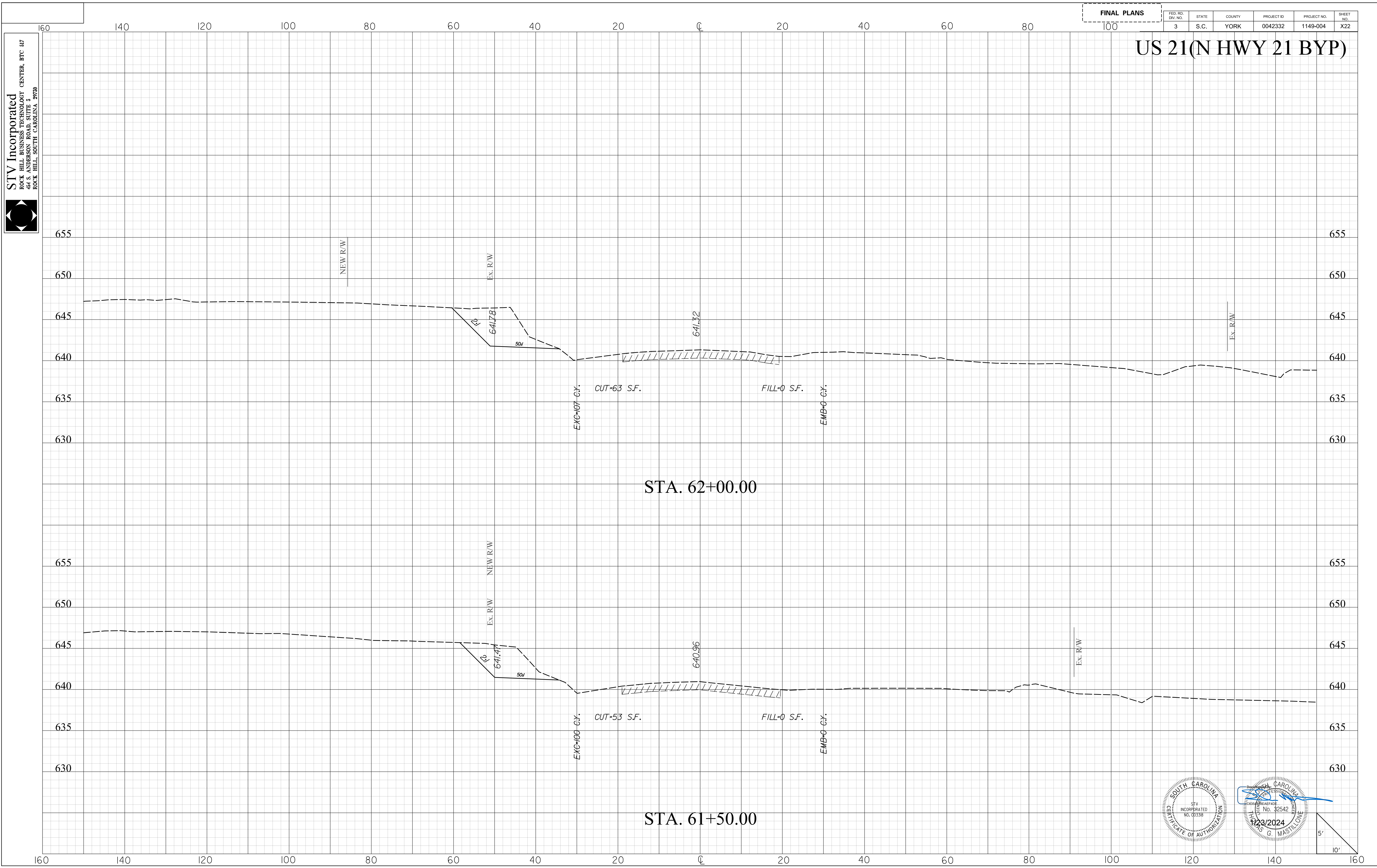
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FINAL PLANS

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	PROJECT NO.	SHEET NO.
3	S.C.	YORK	0042332	1149-004	X22

US 21(N HWY 21 BYP)



STA. 62+00.00

STA. 61+50.00

