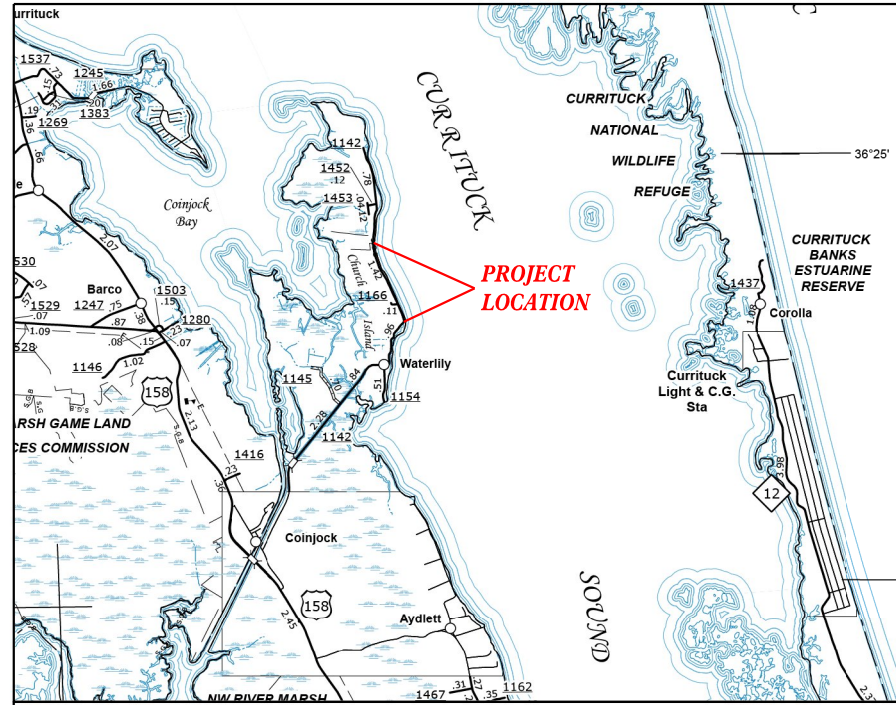


09/08/99

WBS: DF15501.2027010

CONTRACT: DA00461



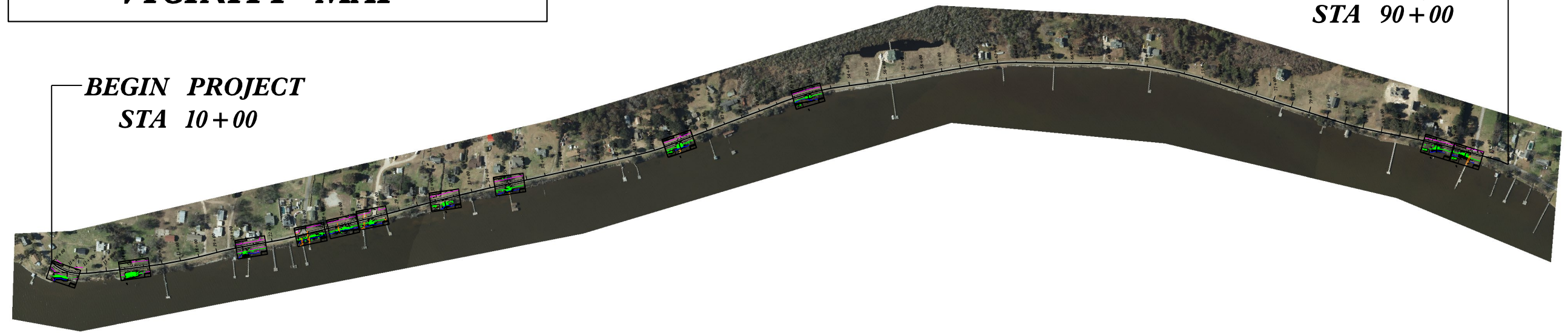
VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CURRITUCK COUNTY

LOCATION: SR 1142 WATERLILY RD
TYPE OF WORK: SHORELINE STABILIZATION

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	DF15501.2027010	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	



GRAPHIC SCALES

PLAN SHEETS
1 = 10'

PROJECT LENGTH

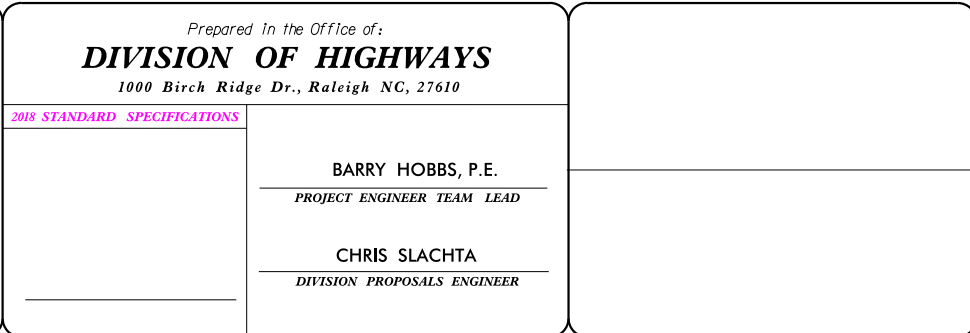
TOTAL LENGTH PROJECT: 1.52 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2018 STANDARD SPECIFICATIONS

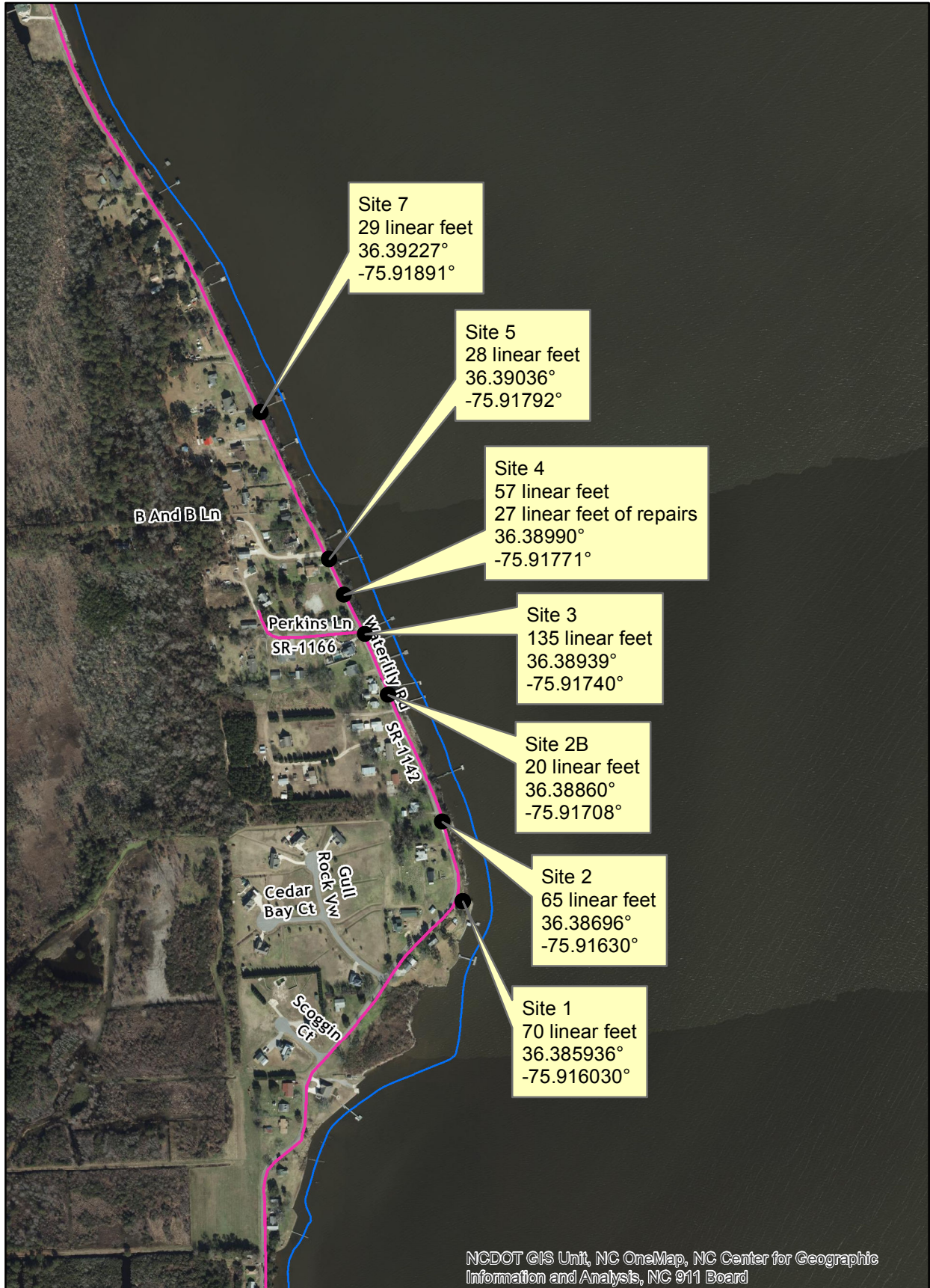
BARRY HOBBS, P.E.
PROJECT ENGINEER TEAM LEAD

CHRIS SLACHTA
DIVISION PROPOSALS ENGINEER



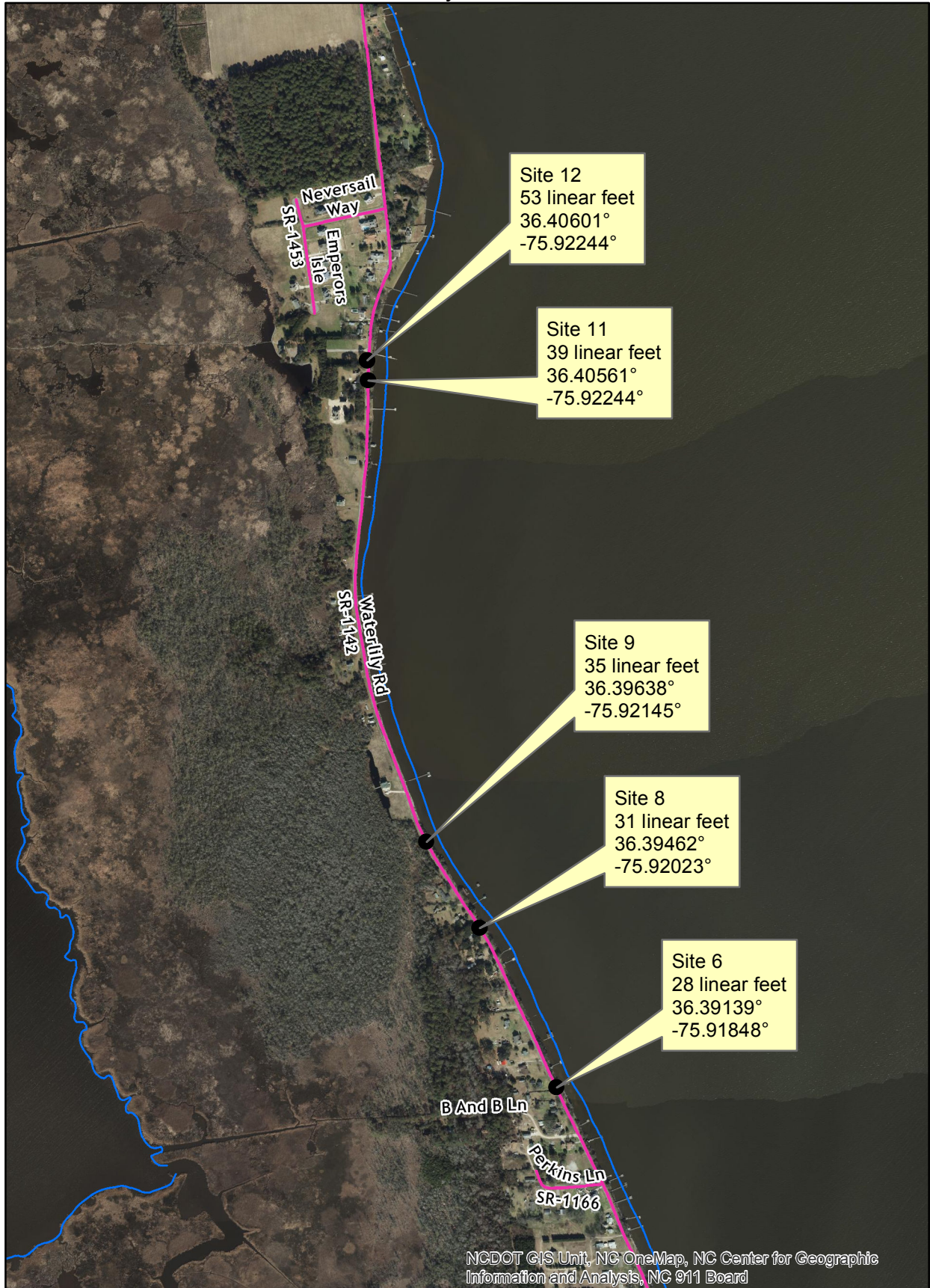
\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$EDGN\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

Shoulder Stabilization on SR 1142
 Waterlily Road
 Hurricane Florence and TS Michael
 Currituck County Quad Name Barco

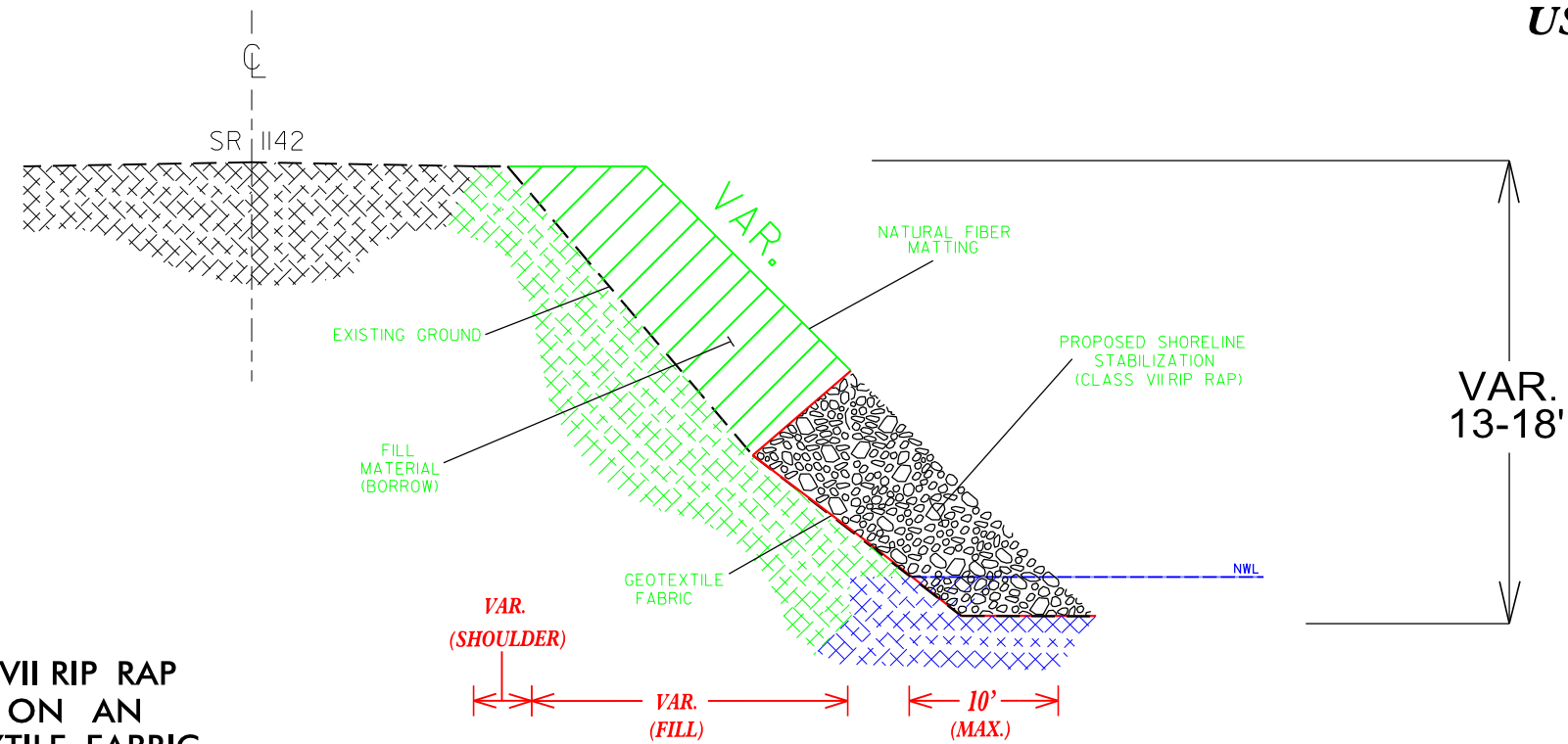


NCDOT GIS Unit, NC OneMap, NC Center for Geographic Information and Analysis, NC 911 Board

Shoreline/Shoulder Repairs on SR 1142
Waterlily Road
Hurricane Florence/Tropical Storm Michael
Currituck County Quad Name Barco



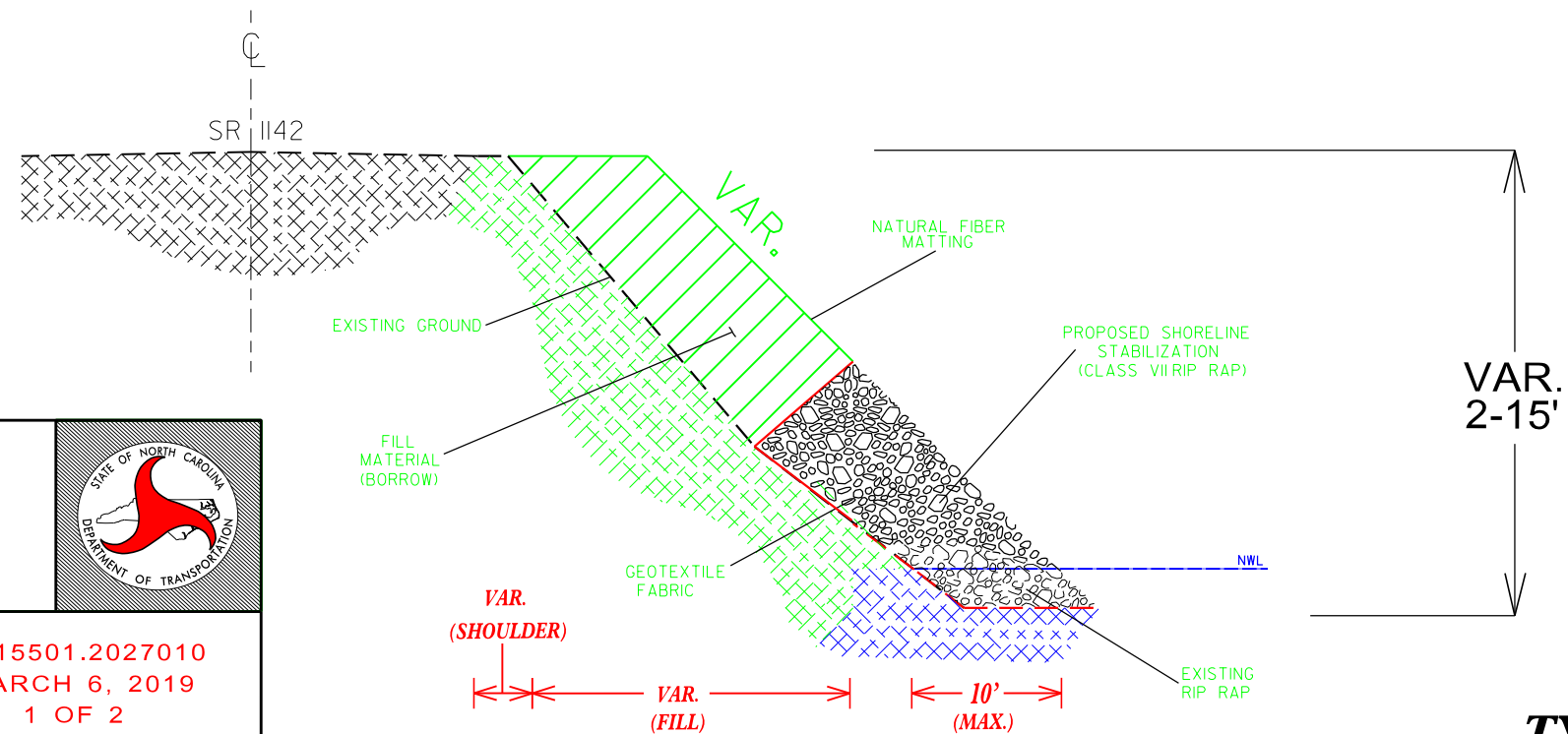
**TYPICAL SECTION 1
PERMITTED SITES
USE WITH SITES 1-5, 7**



NOTE: PROPOSED CLASS VII RIP RAP IS TO BE PLACED ON AN APPROVED GEOTEXTILE FABRIC

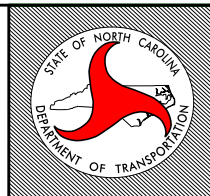
NOTE: PROPOSED CLASS VII RIP RAP IS TO BE PLACED ON EXISTING RIP RAP

LEGEND	
---	EXISTING
—	PROPOSED



**TYPICAL SECTION 2
REPAIR/MAINT. SITES
USE WITH SITES 6, 8-12**

**NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 1
113 AIRPORT DR.
EDENTON, NC 27932 (252) 482-1850**



COUNTY: CURRITUCK	WBS#: DF15501.2027010
QUAD: BARCO	DATE: MARCH 6, 2019
BASIN: PASQUOTANK	SHEET #: 1 OF 2

SHORELINE STABILIZATION ON SR 1142 WATERLILY RD

LAT. = 35.385936 LONG. = -75.916030

DRAWN BY: D.H. STALLINGS SCALE: NTS

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

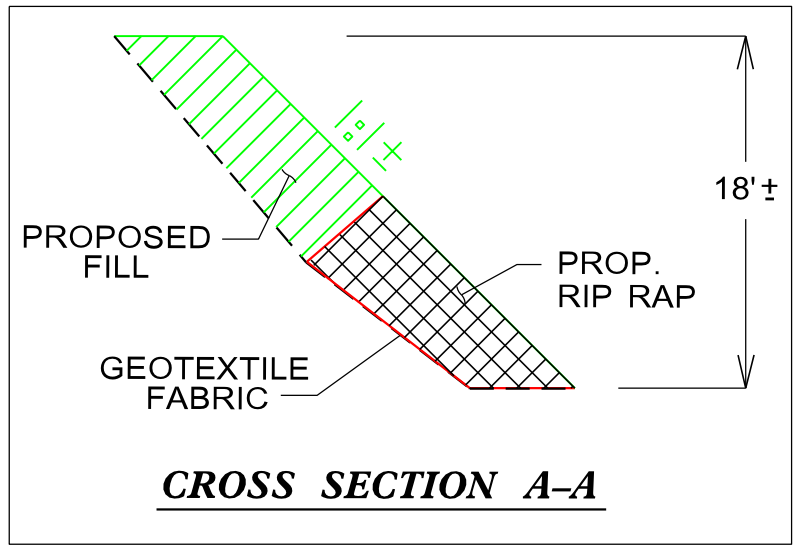
Frank Poyner
1031 Waterlily Rd
Coinjock NC 27923
584 / 114



← 0.71 MILES TO SR 1154

11+00

TO SITE 2



SR 1142 WATERLILY RD

60' R/W

70'

TOP OF BANK

EXIST RW

A

PROPOSED
CLASS VII
RIP RAP

EXISTING
RIP RAP

TOP OF BANK

PROPOSED
FILL AREA

EXISTING
RIP RAP

BORROW QTY: 210 C.Y.
RIP RAP QTY: 320 TONS

SITE 1 LAT: 36.385936°
LONG: -75.916030°

NC DEPT. OF TRANSPORTATION

COUNTY: CURRITUCK
QUAD: BARCO
BASIN: PASQUOTANK
PROJECT: BANK STABILIZATION
WBS ELEMENT: DF15501.2027010
SCALE: 1IN. = 10' FT.
DATE: 02/15/2019
DRAWN BY: HEATH STALLINGS

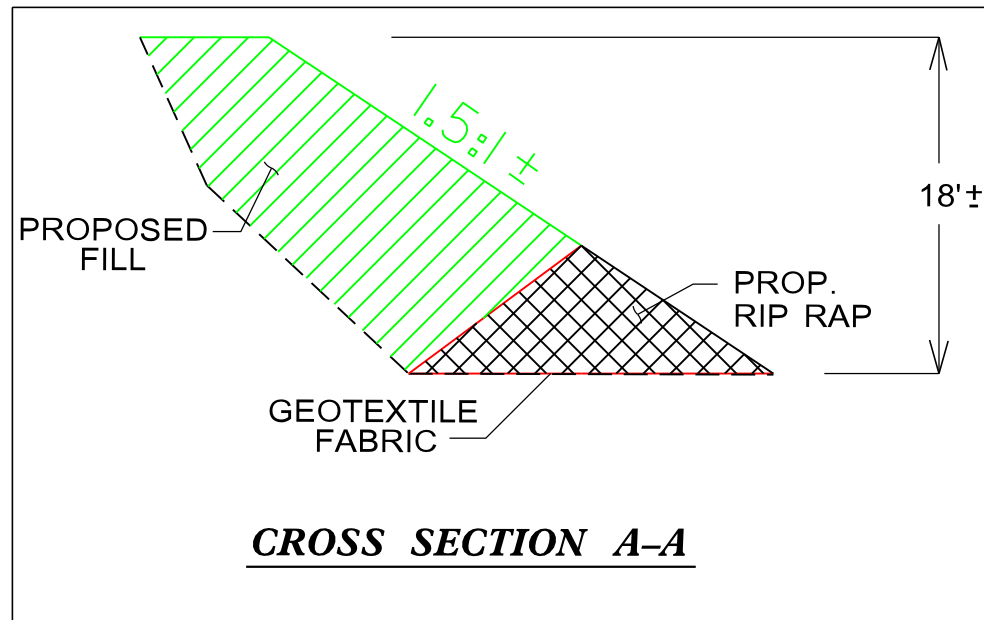
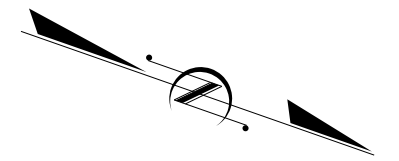
SHORELINE STABILIZATION: 70 L.F.
SURFACE WATER IMPACT: 470 SQ. FT.
FILL AREA: 960 SQ. FT.
RIP RAP AREA: 727 SQ. FT.

CURRITUCK SOUND

A

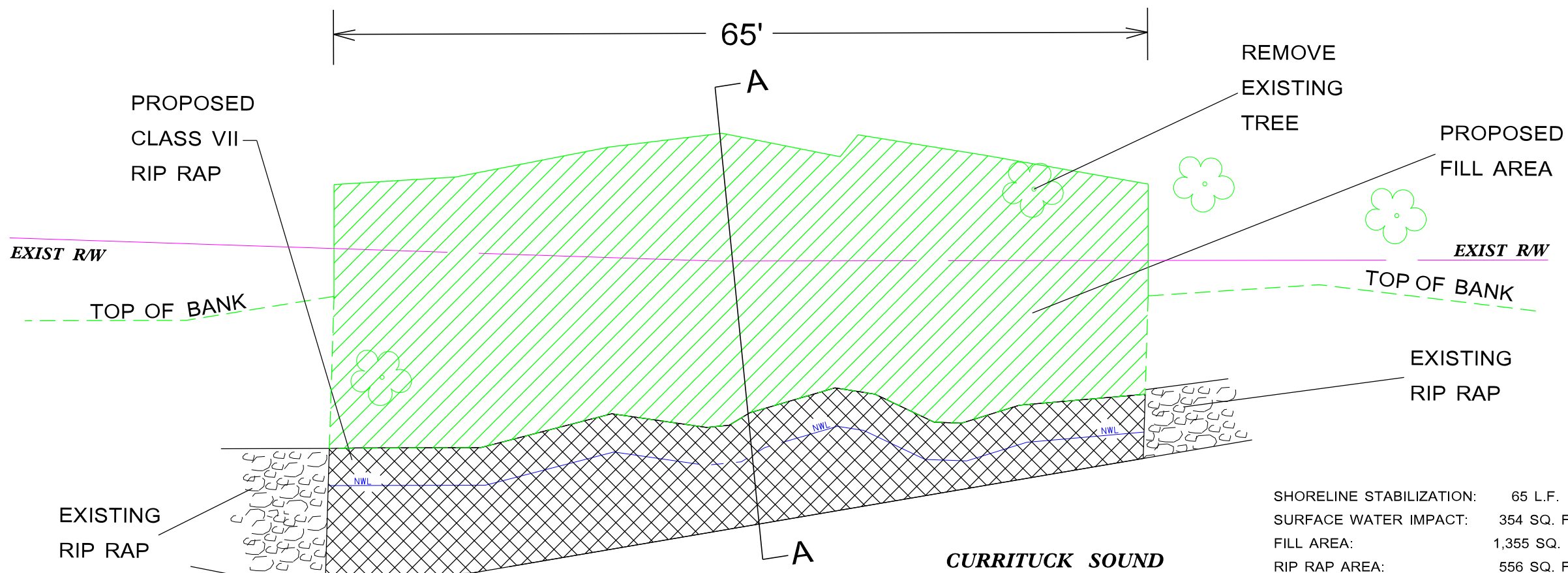
SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Zorada Snowden
P.O. Box 103
Coinjock NC 27923
1358 / 416



Diana S Lamountain
P.O. Box 4198
Chester VA 23831
722 / 078

← 0.79 MILES TO SR 1154 → SR 1142 WATERLILY RD → TO SITE 2B →



BORROW QTY: 560 C.Y.
RIP RAP QTY: 345 TONS
SITE 2 LAT: 36.386960°
LONG: -75.916300°

NC DEPT. OF TRANSPORTATION

COUNTY: CURRITUCK
QUAD: BARCO
BASIN: PASQUOTANK
PROJECT: BANK STABILIZATION
WBS ELEMENT: DF15501.2027010
SCALE: 1IN. = 10' FT.
DATE: 02/15/2019
DRAWN BY: HEATH STALLINGS

SHORELINE STABILIZATION: 65 L.F.
SURFACE WATER IMPACT: 354 SQ. FT.
FILL AREA: 1,355 SQ. FT.
RIP RAP AREA: 556 SQ. FT.

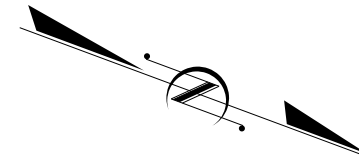
SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Joy D. Evans
100 Bayview Lane
Aydlett NC 27916
11 / EO 5

Donald Maceoin
44426 Livonia Terrace
Ashburn VA 20147
1327 / 941

Susan G Wellons
503 Fieldstone Court
Greensboro NC 27455
1312 / 774

21+00



EXIST RW

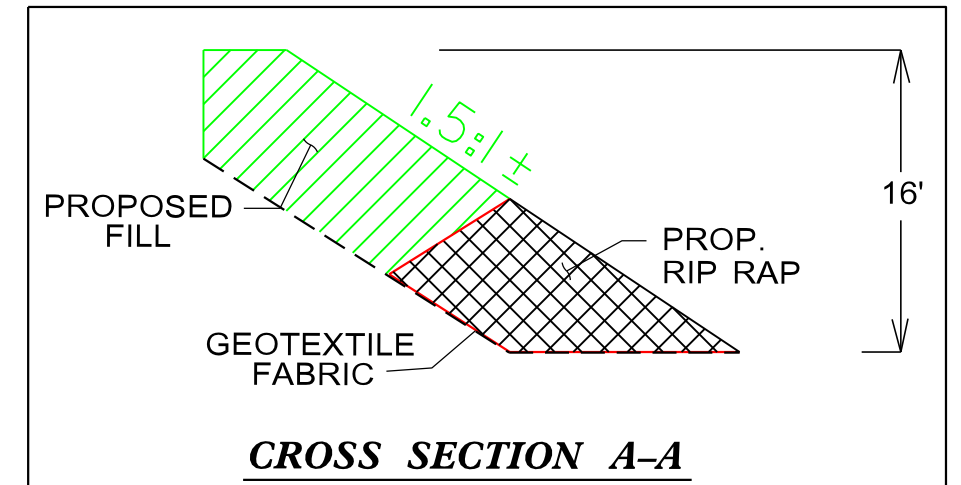
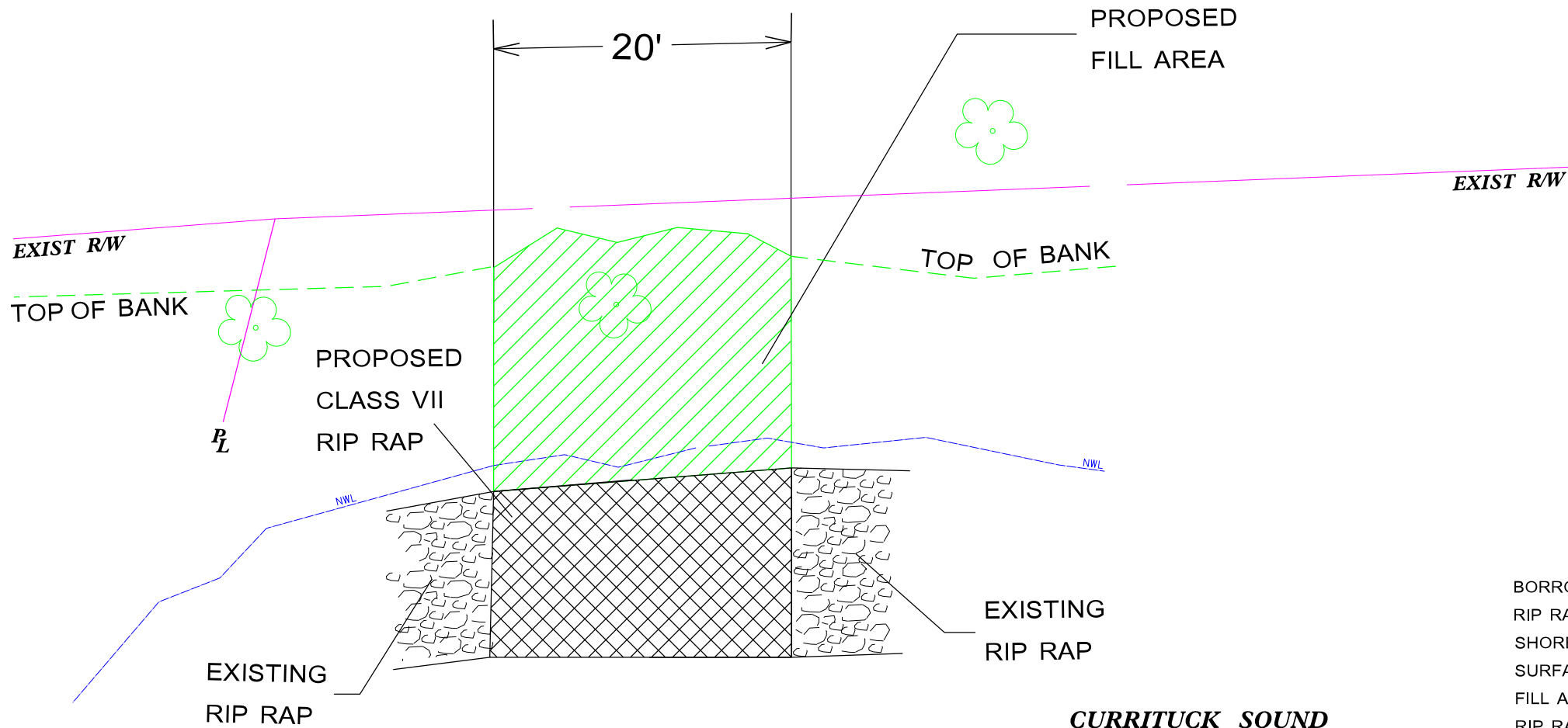
EXIST RW

60' R/W

← 0.91 MILES TO SR 1154

SR 1142 WATERLILY RD

→ TO SITE 3



SITE 2B LAT: 36.388601°
LONG: -75.917080°

NC DEPT. OF TRANSPORTATION

BORROW QTY: 95 C.Y.
RIP RAP QTY: 125 TONS
SHORELINE STABILIZATION: 20 L.F.
SURFACE WATER IMPACT: 107 SQ. FT.
FILL AREA: 262 SQ. FT.
RIP RAP AREA: 136 SQ. FT.

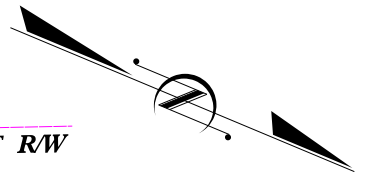
COUNTY: CURRITUCK
QUAD: BARCO
BASIN: PASQUOTANK
PROJECT: BANK STABILIZATION
WBS ELEMENT: DF15501.2027010
SCALE: 1IN. = 10' FT.
DATE: 02/01/2019
DRAWN BY: HEATH STALLINGS

CURRITUCK SOUND

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Robert J Dennis
P.O. Box 463
Ocracoke NC 27960
980 / 705

Phil Glendenning
12008 Misty Pine Ln
Rockville VA 23146
1457 / 338

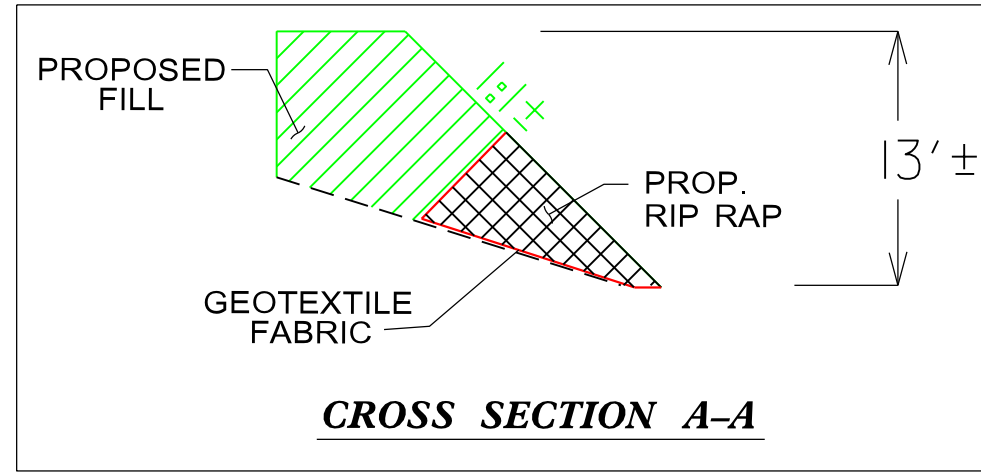


Kimberly Tate, Trustee
1093 Waterlily Rd
Coinjock NC 27923
1006 / 519

EXIST RW

SR 1166 PERKINS LN

24+00

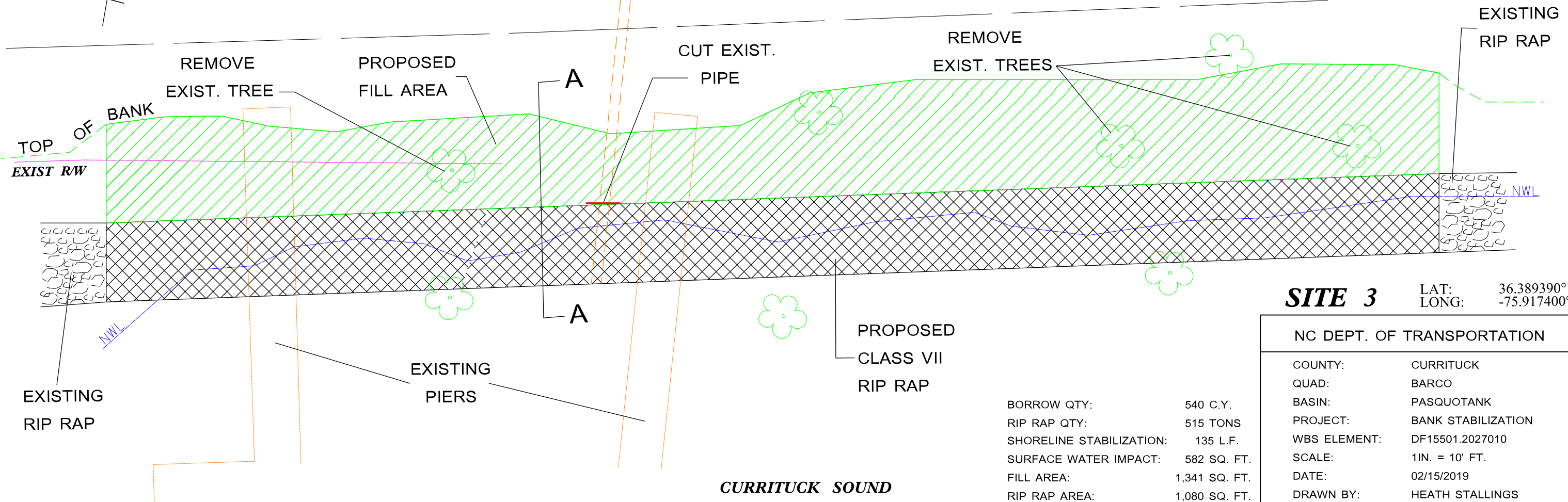


R/W
VARIES

SR 1142 WATERLILY RD

TO SITE 4

135'



SITE 3

LAT: 36.389390°
LONG: -75.917400°

NC DEPT. OF TRANSPORTATION

COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/15/2019
DRAWN BY:	HEATH STALLINGS

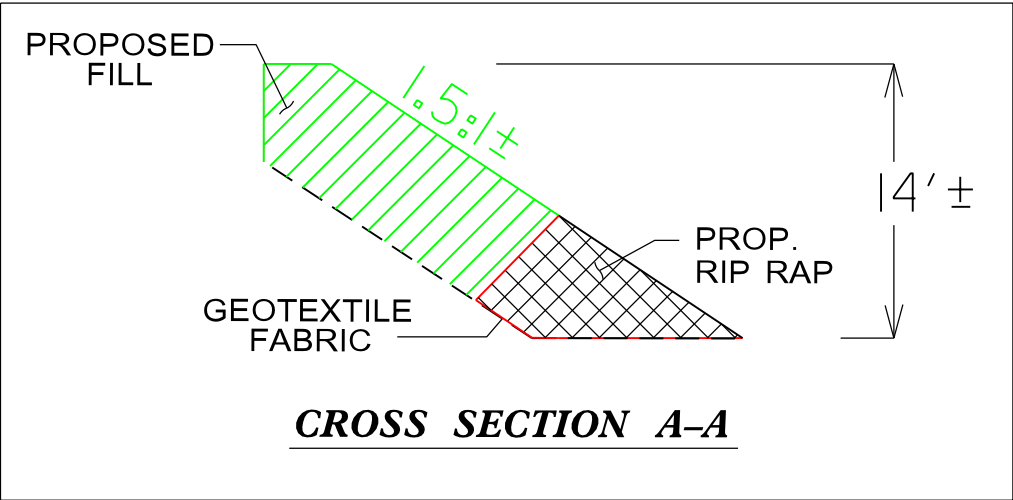
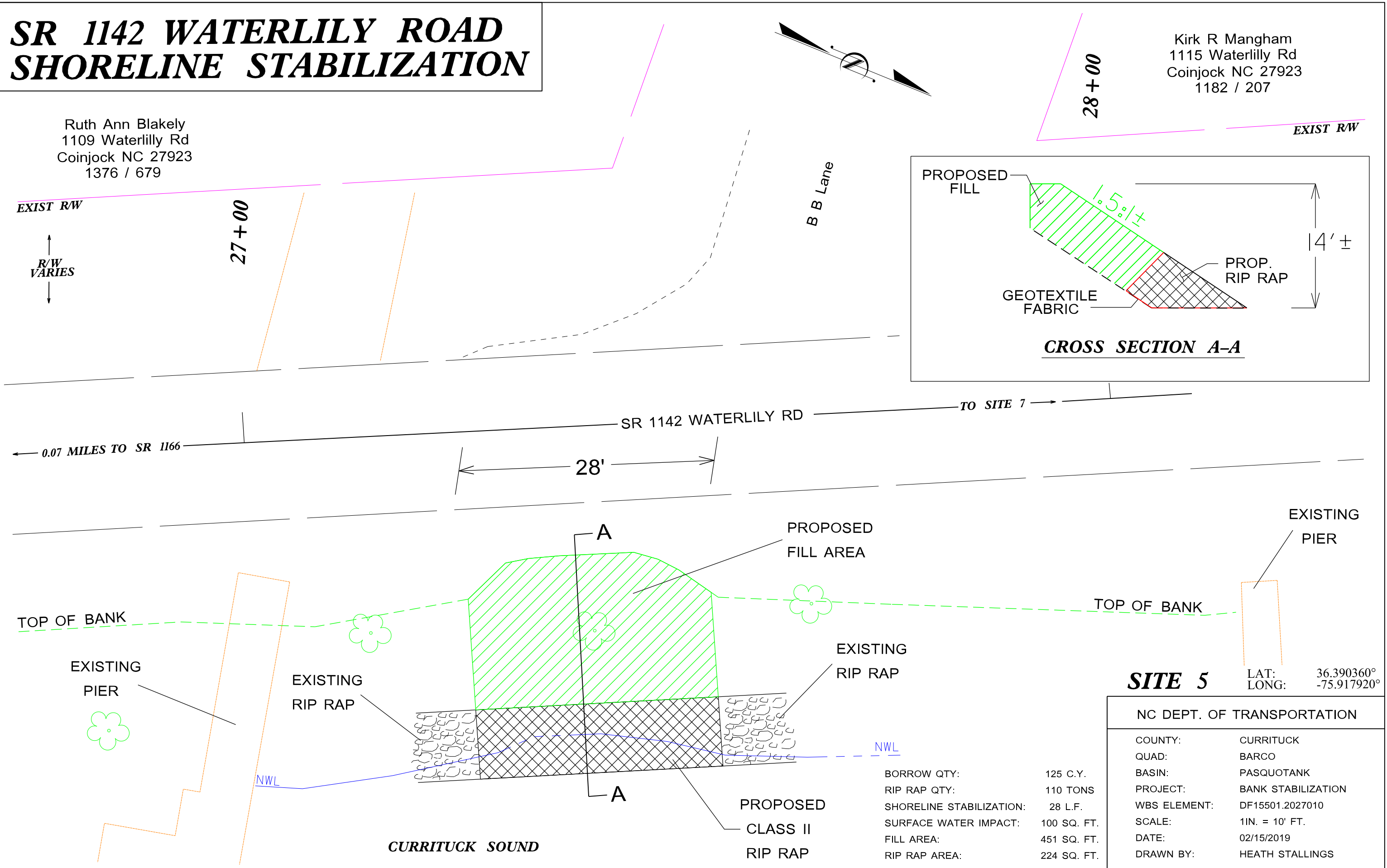
BORROW QTY:	540 C.Y.
RIP RAP QTY:	515 TONS
SHORELINE STABILIZATION:	135 L.F.
SURFACE WATER IMPACT:	582 SQ. FT.
FILL AREA:	1,341 SQ. FT.
RIP RAP AREA:	1,080 SQ. FT.

CURRITUCK SOUND

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Ruth Ann Blakely
1109 Waterlily Rd
Coinjock NC 27923
1376 / 679

Kirk R Mangham
1115 Waterlily Rd
Coinjock NC 27923
1182 / 207



SITE 5 LAT: 36.390360°
LONG: -75.917920°

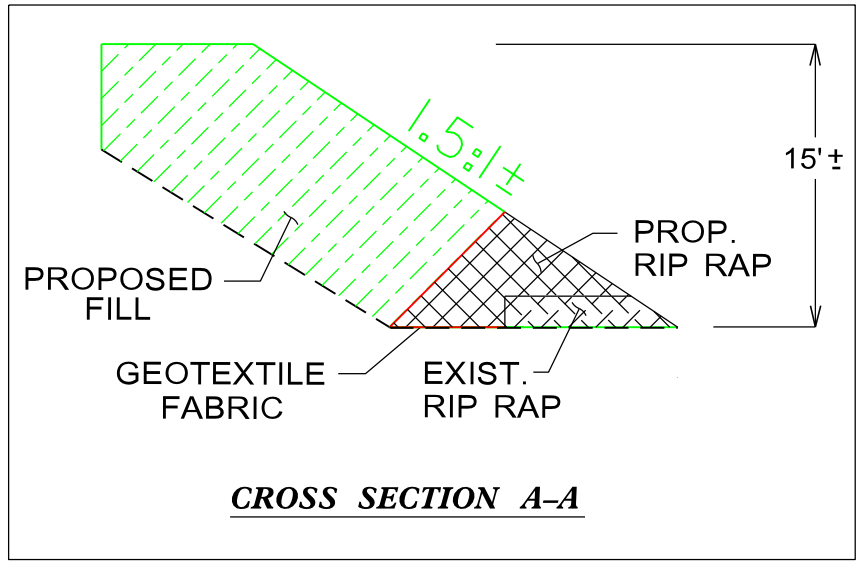
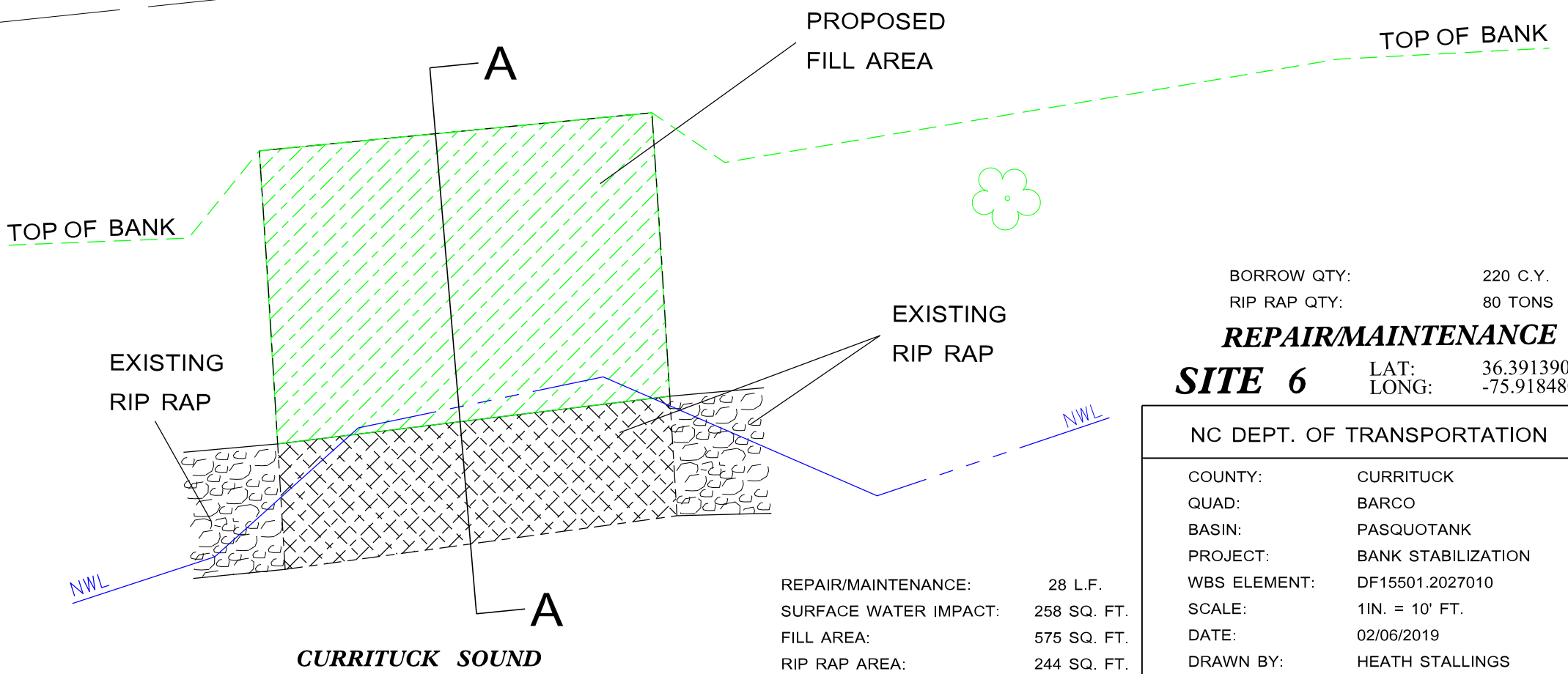
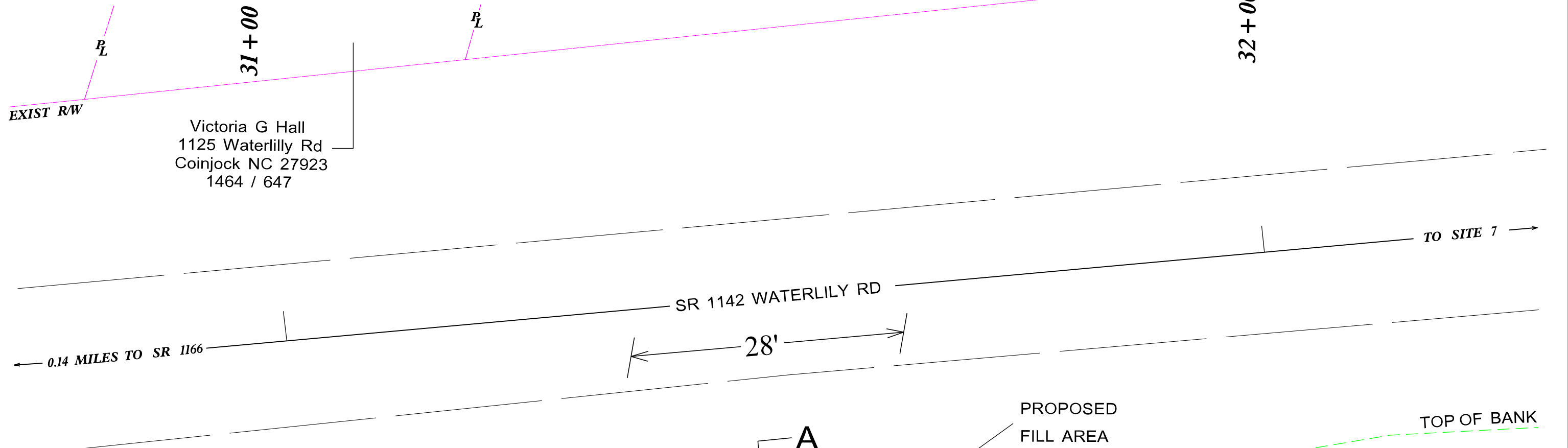
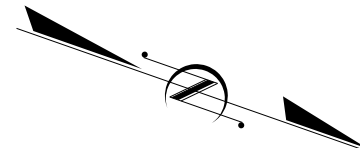
NC DEPT. OF TRANSPORTATION	
COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/15/2019
DRAWN BY:	HEATH STALLINGS

BORROW QTY:	125 C.Y.
RIP RAP QTY:	110 TONS
SHORELINE STABILIZATION:	28 L.F.
SURFACE WATER IMPACT:	100 SQ. FT.
FILL AREA:	451 SQ. FT.
RIP RAP AREA:	224 SQ. FT.

CURRITUCK SOUND

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Evelyn Douglass
1127 Waterlily Rd
Coinjock NC 27923
564 / 479



CROSS SECTION A-A

CURRITUCK SOUND

REPAIR/MAINTENANCE:	28 L.F.
SURFACE WATER IMPACT:	258 SQ. FT.
FILL AREA:	575 SQ. FT.
RIP RAP AREA:	244 SQ. FT.

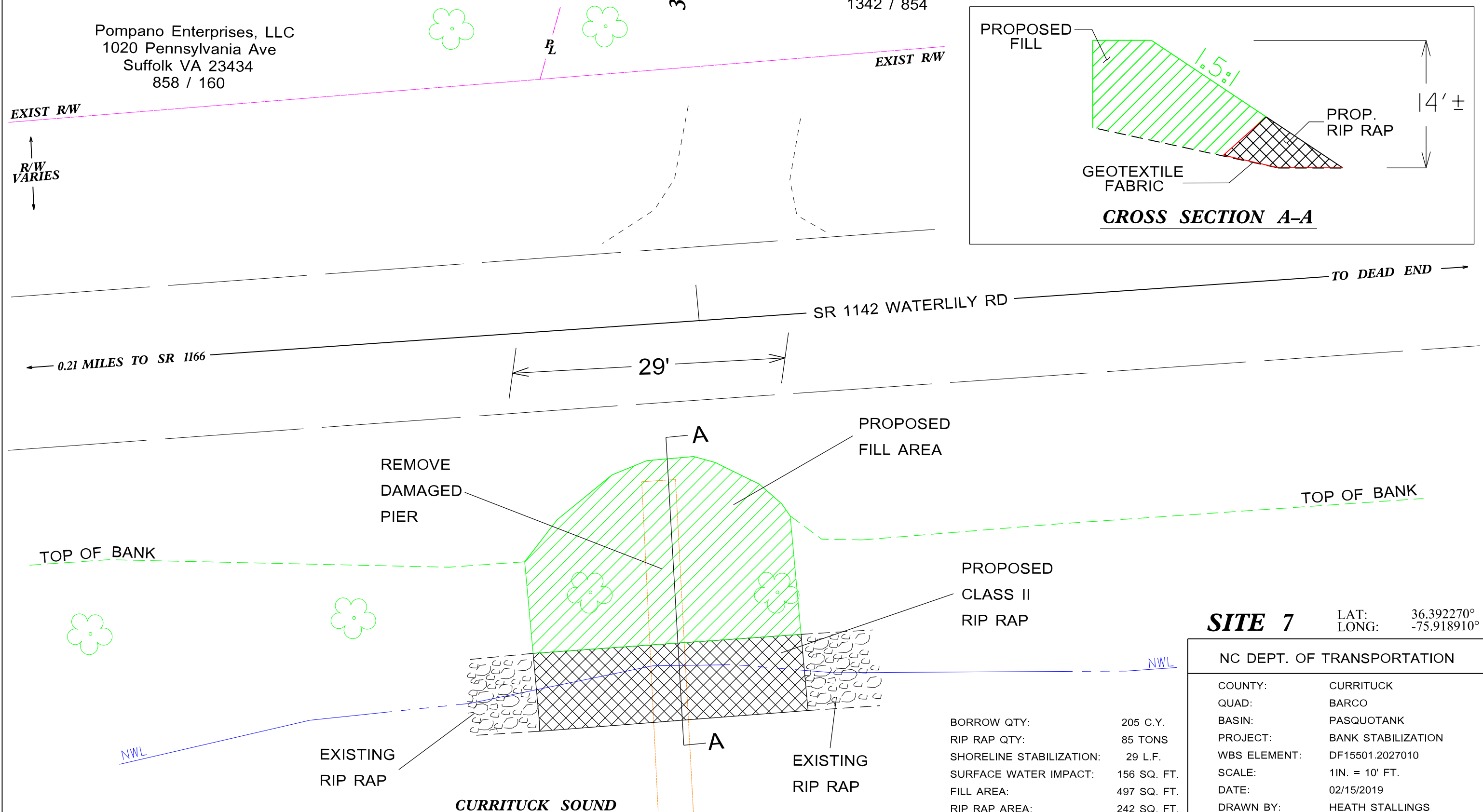
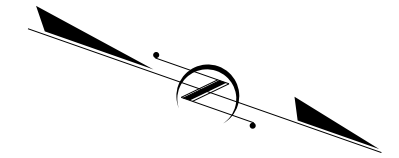
BORROW QTY:	220 C.Y.
RIP RAP QTY:	80 TONS
REPAIR/MAINTENANCE	
SITE 6	LAT: 36.391390°
	LONG: -75.918480°

NC DEPT. OF TRANSPORTATION	
COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/06/2019
DRAWN BY:	HEATH STALLINGS

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Pompano Enterprises, LLC
1020 Pennsylvania Ave
Suffolk VA 23434
858 / 160

Patricia P Berry
P.O. Box 740
Grandy NC 27939
1342 / 854



← 0.21 MILES TO SR 1166

29'

SR 1142 WATERLILY RD

→ TO DEAD END

REMOVE
DAMAGED
PIER

PROPOSED
FILL AREA

TOP OF BANK

TOP OF BANK

PROPOSED
CLASS II
RIP RAP

NWL

NWL

EXISTING
RIP RAP

CURRITUCK SOUND

EXISTING
RIP RAP

BORROW QTY:	205 C.Y.
RIP RAP QTY:	85 TONS
SHORELINE STABILIZATION:	29 L.F.
SURFACE WATER IMPACT:	156 SQ. FT.
FILL AREA:	497 SQ. FT.
RIP RAP AREA:	242 SQ. FT.

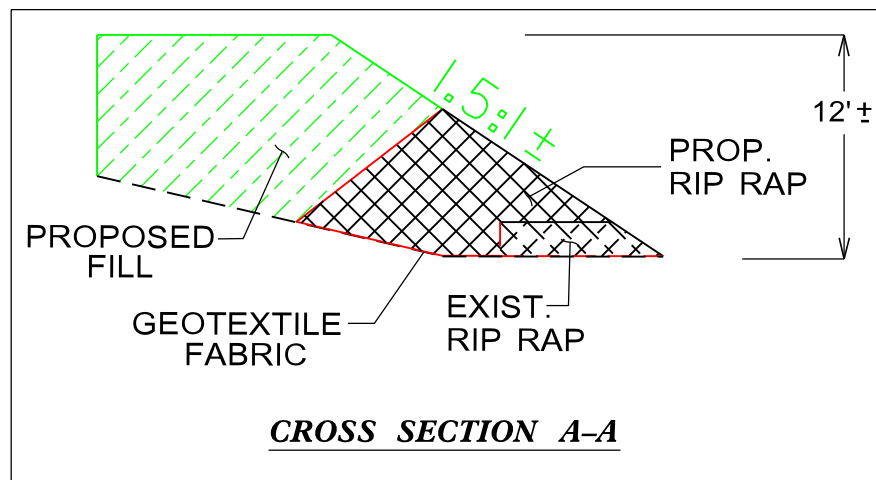
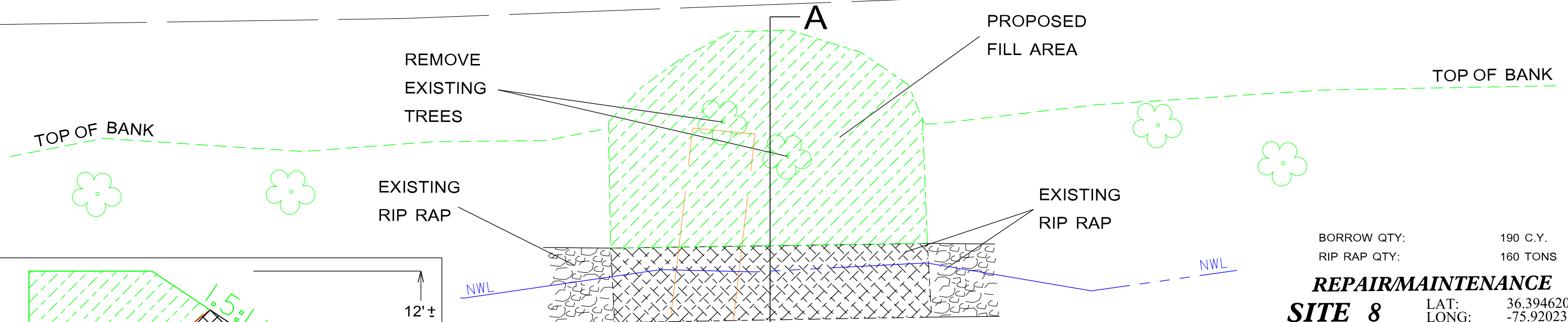
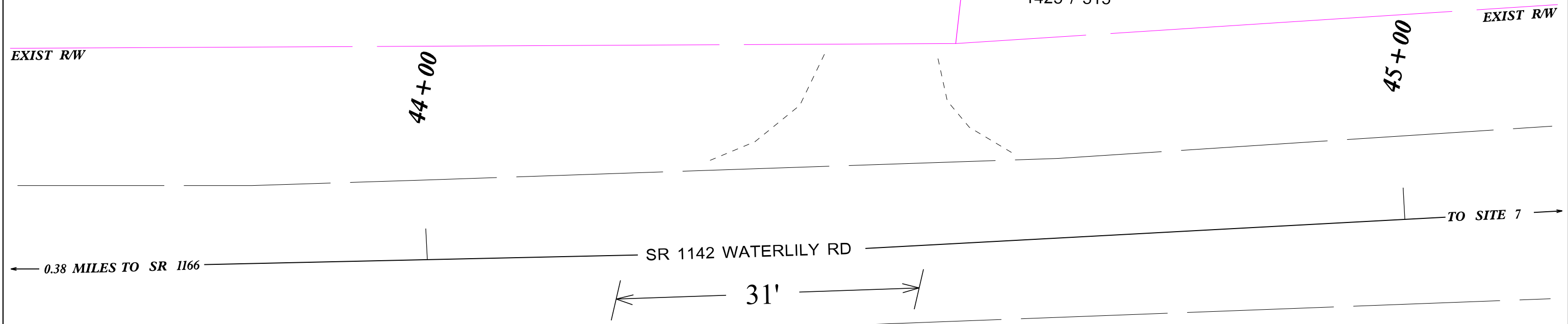
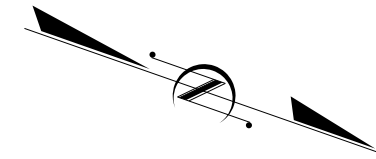
SITE 7 LAT: 36.392270°
LONG: -75.918910°

NC DEPT. OF TRANSPORTATION	
COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/15/2019
DRAWN BY:	HEATH STALLINGS

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Mark D Persson
1117 Waterlily Rd
Coinjock NC 27923
621 / 235

Jo Anne Pritchard
1181 Waterlily Rd
Coinjock NC 27923
1425 / 315



BORROW QTY: 190 C.Y.
RIP RAP QTY: 160 TONS

REPAIR/MAINTENANCE
SITE 8 LAT: 36.394620°
LONG: -75.920230°

NC DEPT. OF TRANSPORTATION

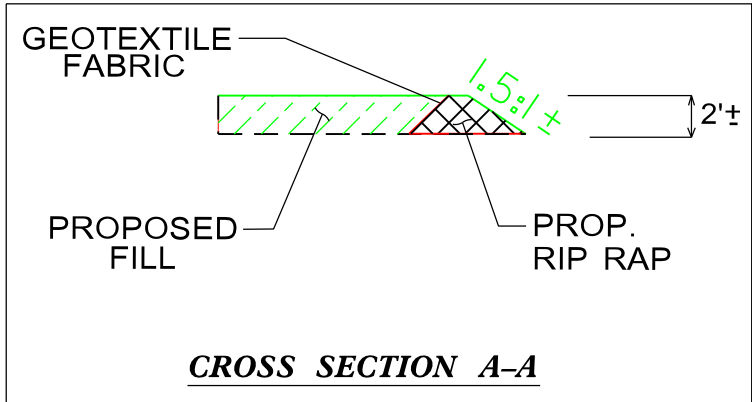
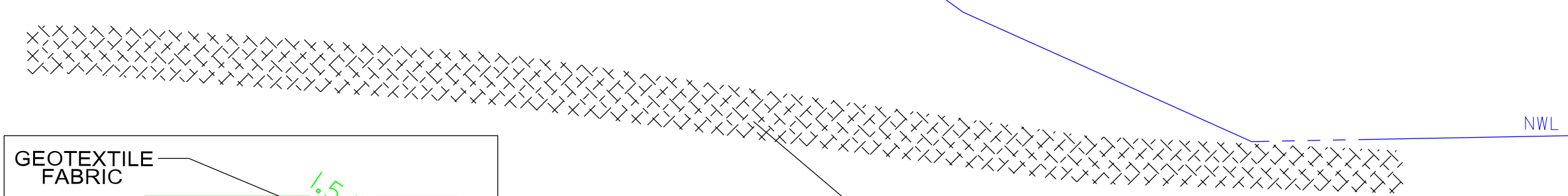
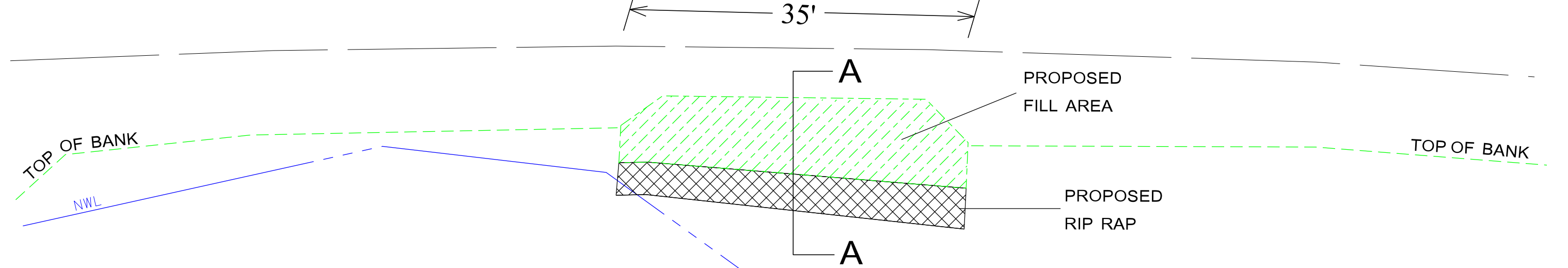
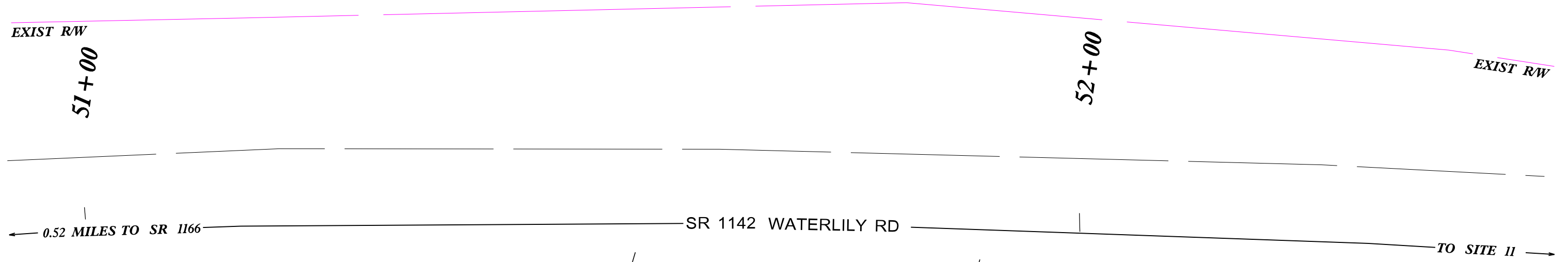
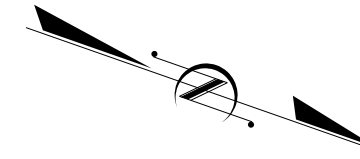
COUNTY: CURRITUCK
QUAD: BARCO
BASIN: PASQUOTANK
PROJECT: BANK STABILIZATION
WBS ELEMENT: DF15501.2027010
SCALE: 1IN. = 10' FT.
DATE: 02/13/2019
DRAWN BY: HEATH STALLINGS

REPAIR/MAINTENANCE: 31 L.F.
SURFACE WATER IMPACT: 158 SQ. FT.
FILL AREA: 586 SQ. FT.
RIP RAP AREA: 232 SQ. FT.

CURRITUCK SOUND

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Porter M Williamson, Jr.
557 Oak Grove Rd
Chesapeake VA 23320
1115 / 441



CURRITUCK SOUND

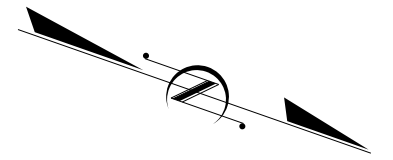
BORROW QTY: 35 C.Y.
RIP RAP AREA: 25 TONS
REPAIR/MAINTENANCE
SITE 9 LAT: 36.396380°
LONG: -75.921450°

NC DEPT. OF TRANSPORTATION	
COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/13/2019
DRAWN BY:	HEATH STALLINGS

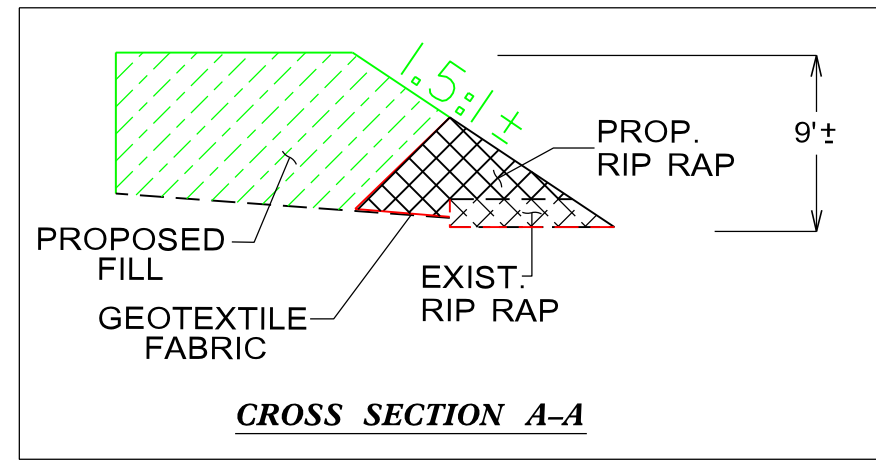
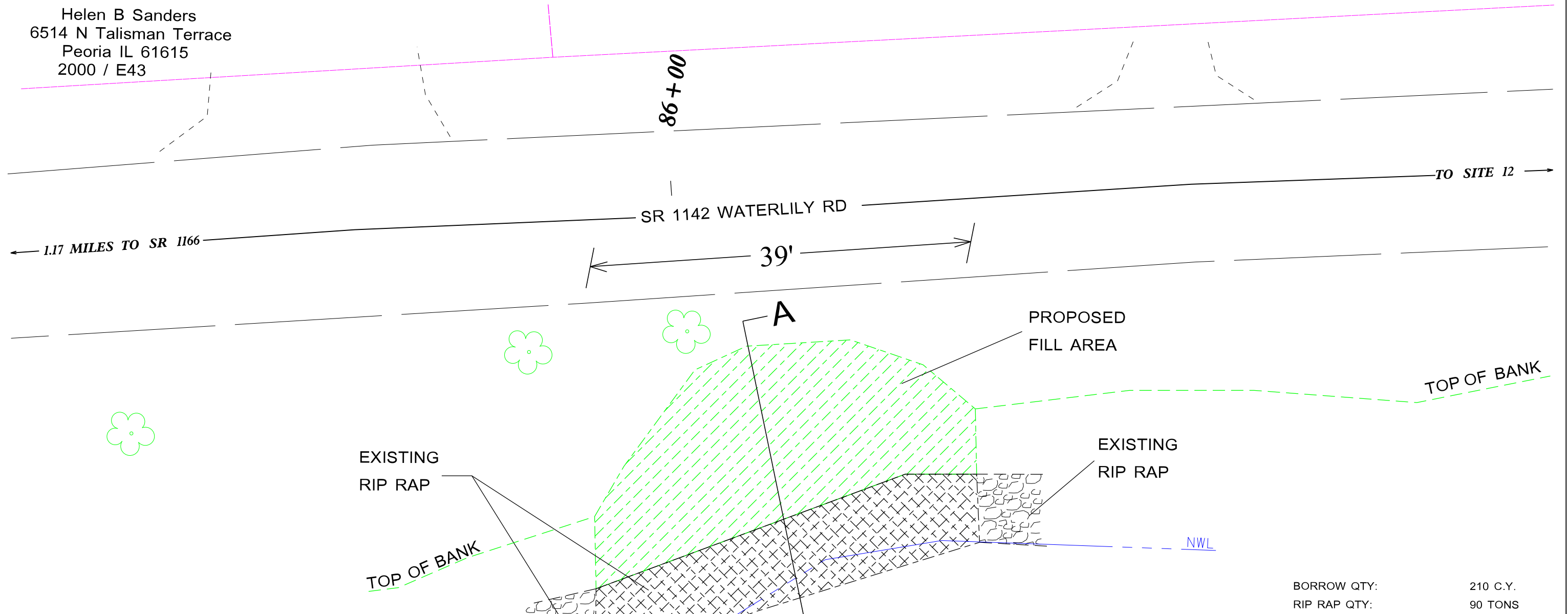
REPAIR/MAINTENANCE: 35 L.F.
SURFACE WATER IMPACT: 2 SQ. FT.
FILL AREA: 255 SQ. FT.
RIP RAP AREA: 129 SQ. FT.

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

Jeff G Ray
1347 Waterlily Rd
Coinjock NC 27923
1232 / 718



Helen B Sanders
6514 N Talisman Terrace
Peoria IL 61615
2000 / E43



CURRITUCK SOUND

BORROW QTY: 210 C.Y.
RIP RAP QTY: 90 TONS

REPAIR/MAINTENANCE
SITE 11 LAT: 36.405610°
LONG: -75.922440°

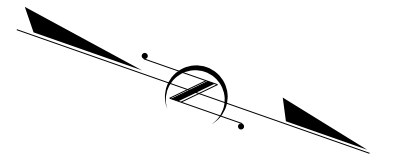
NC DEPT. OF TRANSPORTATION	
COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/13/2019
DRAWN BY:	HEATH STALLINGS

REPAIR/MAINTENANCE: 39 L.F.
SURFACE WATER IMPACT: 45 SQ. FT.
FILL AREA: 564 SQ. FT.
RIP RAP AREA: 332 SQ. FT.

SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

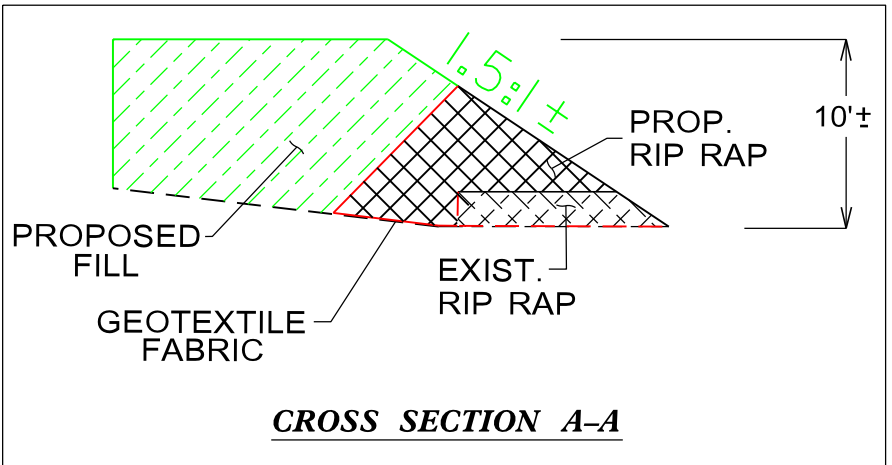
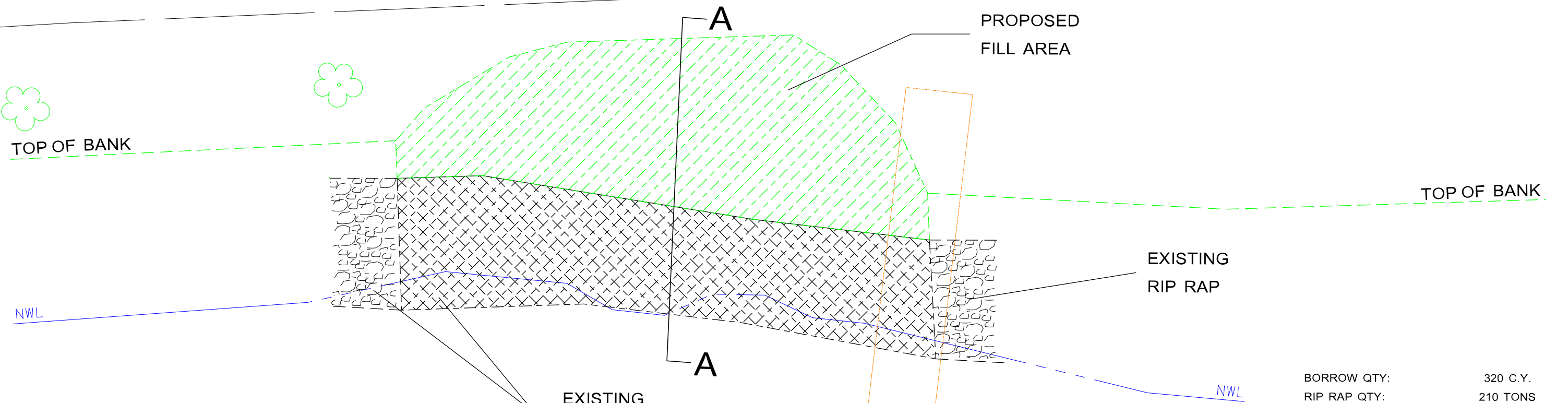
William L. Counselman
1201 Liberty St
Norfolk VA 23523
464 / 653

William L. Counselman
1201 Liberty St
Norfolk VA 23523
464 / 651



87+00

88+00



CURRITUCK SOUND

BORROW QTY: 320 C.Y.
RIP RAP QTY: 210 TONS

REPAIR/MAINTENANCE
SITE 12 LAT: 36.406010°
LONG: -75.922440°

NC DEPT. OF TRANSPORTATION	
COUNTY:	CURRITUCK
QUAD:	BARCO
BASIN:	PASQUOTANK
PROJECT:	BANK STABILIZATION
WBS ELEMENT:	DF15501.2027010
SCALE:	1IN. = 10' FT.
DATE:	02/13/2019
DRAWN BY:	HEATH STALLINGS

REPAIR/MAINTENANCE: 53 L.F.
SURFACE WATER IMPACT: 111 SQ. FT.
FILL AREA: 741 SQ. FT.
RIP RAP AREA: 617 SQ. FT.

PROJECT NO.	SHEET NO.	TOTAL NO.
DF15501.2027010	18	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	SITE NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	CLEARING & GRUBBING .. ACRE(S)	BORROW	GEOTEXTILE FOR SOIL STABILIZATION	GENERIC GRADING ITEM (SHOULDER & SLOPE RECONSTRUCTION)	WORK ZONE ADVANCED/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	TEMPORARY SILT FENCE	FLOATING TURBIDITY CURTAIN	COIR FIBER WATTLE	SEED & MULCHING	RESPONSE FOR EROSION CONTROL	NATURAL FIBER MATTING	SELECT MATERIAL, CLASS VII
										FT	FT	LS	LS	CY	SY	ACR	SF	LS	LF	SY	LF	ACR	EA	SY	TON
DF15501.2027010	Currituck	1	SR 1142 WATERLILY RD	Permitted Site 1	1	2	2WU	NO	NO	70	25	1	1	210	160	0.03	64	1	75	30	75	0.03	3	110	320
DF15501.2027010	Currituck	2	SR 1142 WATERLILY RD	Permitted Site 2	1	2	2WU	NO	NO	65	32	*	*	560	125	0.03	64	*	75	30	75	0.03	3	151	345
DF15501.2027010	Currituck	2B	SR 1142 WATERLILY RD	Permitted Site 2B	1	2	2WU	NO	NO	20	29	*	*	95	50	0.01	64	*	25	30	25	0.01	3	30	125
DF15501.2027010	Currituck	3	SR 1142 WATERLILY RD	Permitted Site 3	1	2	2WU	NO	NO	135	20	*	*	540	240	0.04	64	*	150	30	150	0.04	3	150	515
DF15501.2027010	Currituck	4A	SR 1142 WATERLILY RD	Permitted Site 4A	1	2	2WU	NO	NO	40	18	*	*	130	75	0.01	64	*	50	30	50	0.01	3	50	170
DF15501.2027010	Currituck	4B	SR 1142 WATERLILY RD	Site 4B Repair/Maintenance	2	2	2WU	NO	NO	17	23	*	*	55	30	0.01	64	*	15	30	15	0.01	3	25	70
DF15501.2027010	Currituck	4AA	SR 1142 WATERLILY RD	Permitted Site 4AA	1	2	2WU	NO	NO	15	17	*	*	70	30	0.01	64	*	20	30	20	0.01	3	20	55
DF15501.2027010	Currituck	4BB	SR 1142 WATERLILY RD	Site 4BB Repair/Maintenance	2	2	2WU	NO	NO	12	17	*	*	60	25	0.01	64	*	15	30	15	0.01	3	12	45
DF15501.2027010	Currituck	5	SR 1142 WATERLILY RD	Permitted Site 5	1	2	2WU	NO	NO	28	25	*	*	125	50	0.01	64	*	30	30	30	0.01	3	50	110
DF15501.2027010	Currituck	6	SR 1142 WATERLILY RD	Site 6 Repair/Maintenance	2	2	2WU	NO	NO	28	30	*	*	220	50	0.01	64	*	30	30	30	0.01	3	64	80
DF15501.2027010	Currituck	7	SR 1142 WATERLILY RD	Permitted Site 7	1	2	2WU	NO	NO	29	28	*	*	205	50	0.01	64	*	30	30	30	0.01	3	56	85
DF15501.2027010	Currituck	8	SR 1142 WATERLILY RD	Site 8 Repair/Maintenance	2	2	2WU	NO	NO	31	29	*	*	190	70	0.02	64	*	35	30	35	0.02	3	65	160
DF15501.2027010	Currituck	9	SR 1142 WATERLILY RD	Site 9 Repair/Maintenance	2	2	2WU	NO	NO	35	13	*	*	35	25	0.01	64	*	40	30	40	0.01	3	30	25
DF15501.2027010	Currituck	11	SR 1142 WATERLILY RD	Site 11 Repair/Maintenance	2	2	2WU	NO	NO	39	27	*	*	210	65	0.01	64	*	40	30	40	0.01	3	65	90
DF15501.2027010	Currituck	12	SR 1142 WATERLILY RD	Site 12 Repair/Maintenance	2	2	2WU	NO	NO	53	29	*	*	320	110	0.02	64	*	60	30	60	0.02	3	85	210
TOTAL FOR PROJ NO. DF15501.2027010										617		1	1	3,025	1,155	0.24	960	1	690	450	690	0.24	45	963	2,405
GRAND TOTAL										617		1	1	3,025	1,155	0.24	960	1	690	450	690	0.24	45	963	2,405