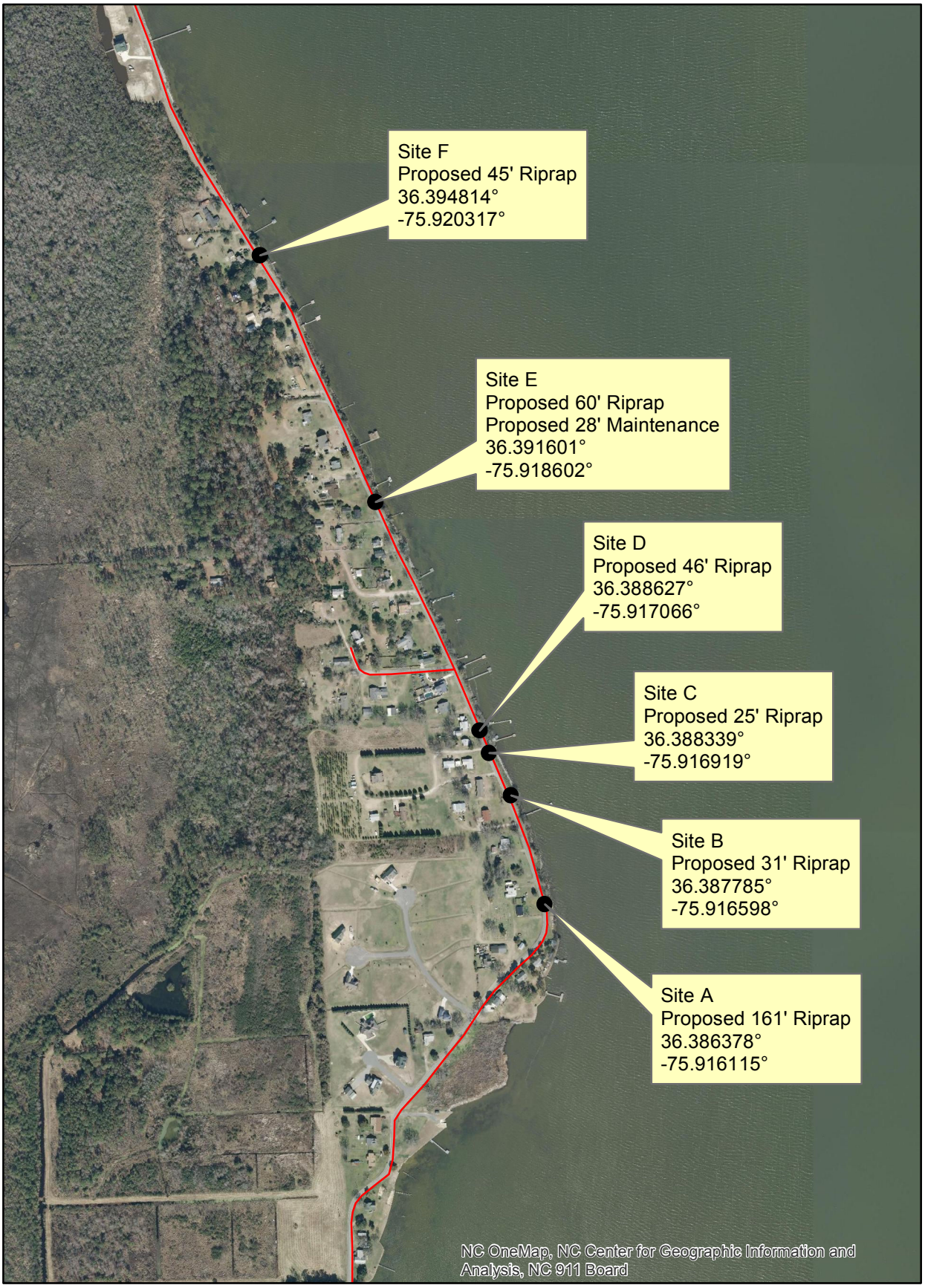
Emergency Shoreline Stabilization
SR 1142 Waterlily Road
Currituck County Quad Name Barco



WATERLILY ROAD
EMERGENCY SHORELINE STABILIZATION

CURT W. AND MITCHELL A. COREY
805 WINSTON SALEM AVE.
VIRGINIA BEACH, VA 23451

PROPERTY LINE

ROBERT E. HALSTEAD
1051 WATERLILY RD.
COINJOCK, NC 27923

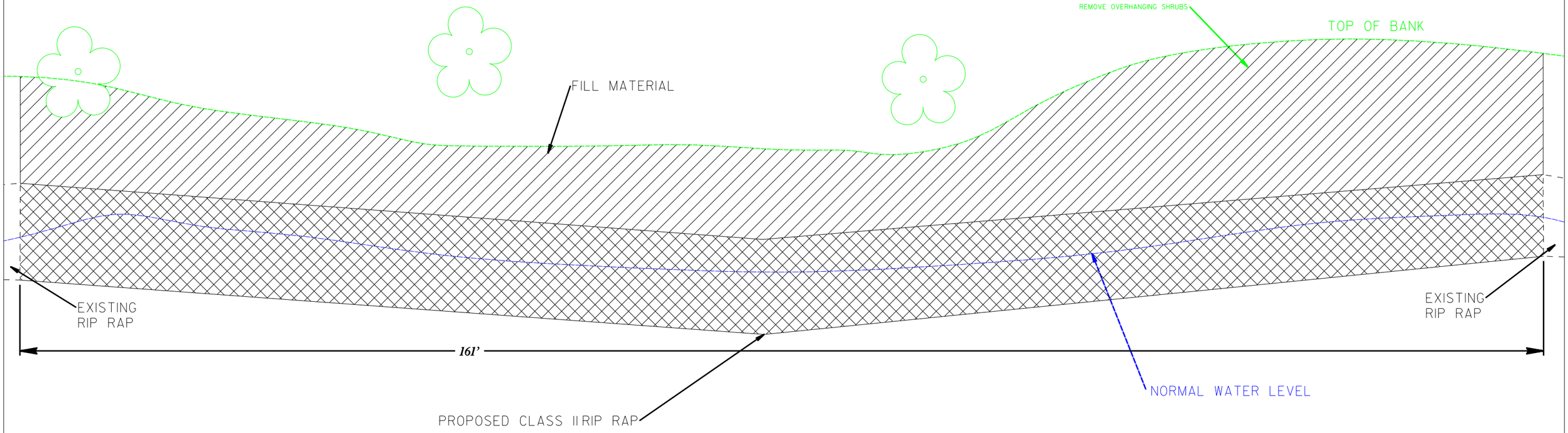
PROPERTY LINE

DIANA SNOWDEN LAMOUNTAIN
4500 HEMWAY RD.
CHESTER, VA 23831

0.77 MILES TO SR 1154

SR 1142 WATERLILY ROAD

TO SITE B



CURRITUCK SOUND

NC DEPT. OF TRANSPORTATION	
COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DF14701.2027010*
SCALE:	*1" = 10'*
DATE:	*10/14/2015*
DRAWN BY:	*PAUL WILLIAMS*

SURFACE WATER IMPACT 954 SQ. FT.

SITE A

N 36.386378°
W 75.916115°

WAYNETTE TWIFORD SPEIGHT
1067 WATERLILY RD.
COINJOCK, NC 27923

WATERLILY ROAD
EMERGENCY SHORELINE STABILIZATION

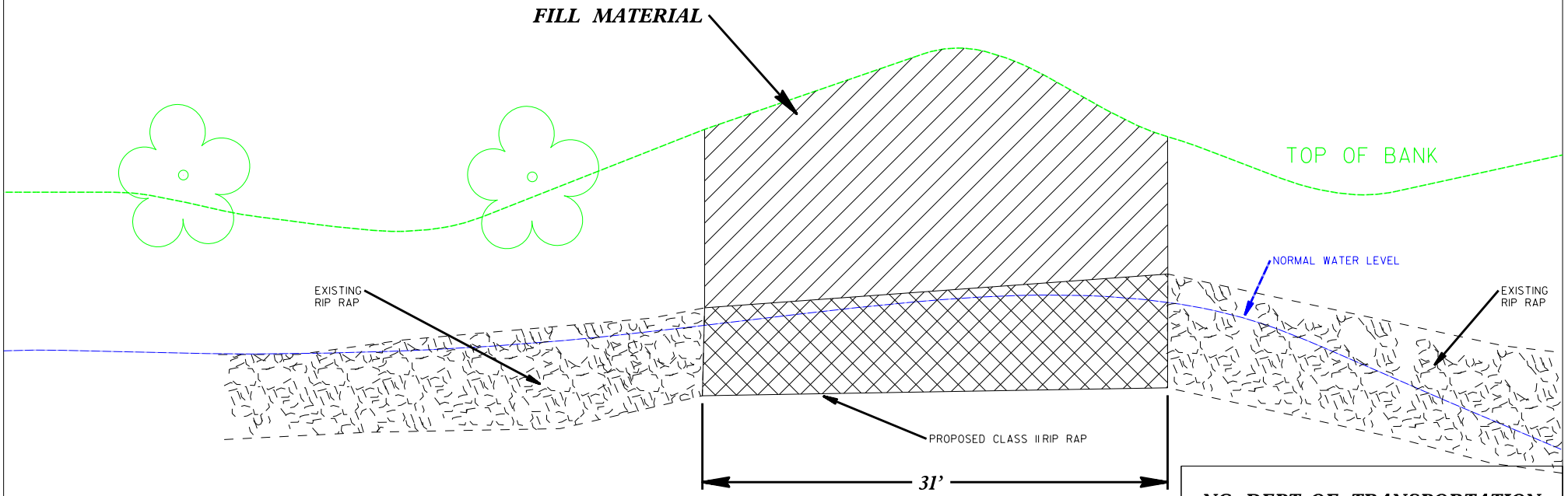
PROPERTY LINE

AMY SPEIGHT MCSPADDEN
1073 WATERLILY RD.
COINJOCK, NC 27923

TO SITE A

SR 1142 WATERLILY ROAD

TO SITE C



CURRITUCK SOUND

N 36.387785°
W 75.916598°

SITE B

SURFACE WATER IMPACT : 181 SQ. FT.

NC DEPT. OF TRANSPORTATION	
COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DFI4701.2027010*
SCALE:	*1" = 10'*
DATE:	*10/22/2015*
DRAWN BY:	*PAUL WILLIAMS*

WAYNE PENN TWIFORD, SR
1075 WATERLILY RD.
COINJOCK, NC 27923

WATERLILY ROAD
EMERGENCY SHORELINE STABILIZATION

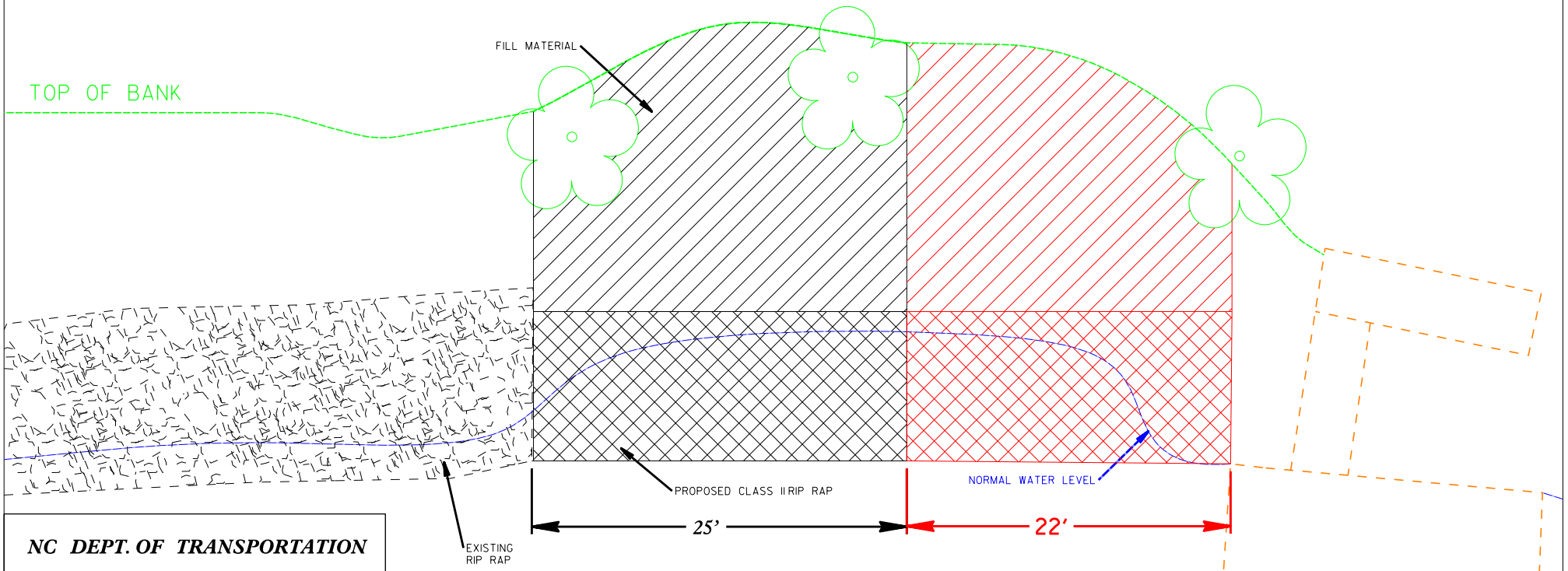
PROPERTY LINE

JOY DENISE EVANS
100 BAYVIEW DR.
AYDLETT, NC 27916

TO SITE B

SR 1142 WATERLILY ROAD

TO SITE D



NC DEPT. OF TRANSPORTATION	
COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DFI4701.2027010*
SCALE:	*1" = 10'*
DATE:	*11/12/2015*
DRAWN BY:	*PAUL WILLIAMS*

REVISED SURFACE WATER IMPACT = 317 SQ. FT.

N 36.388339°
W 75.916919°

SITE C

JOY DENISE EVANS
100 BAYVIEW DR.
AYDLETT, NC 27916

PROPERTY LINE

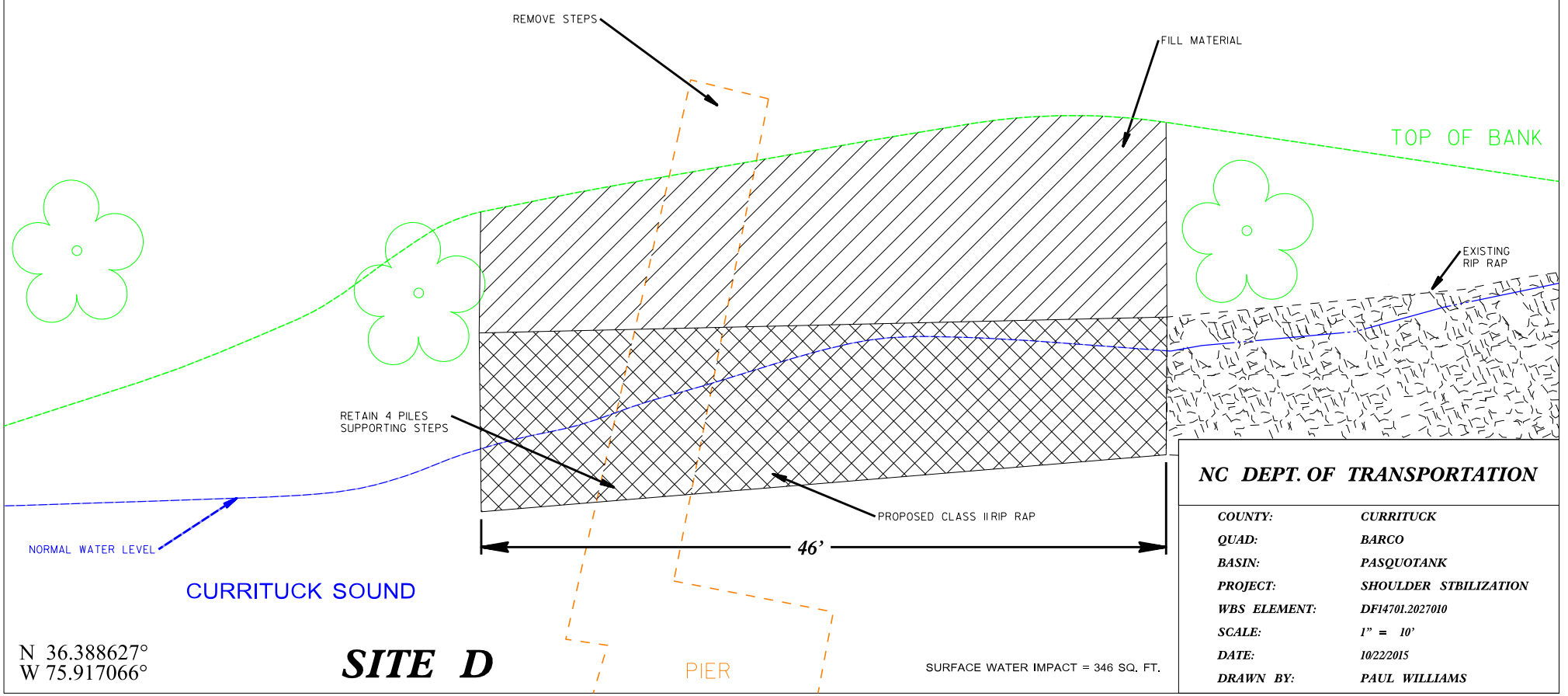
WATERLILY ROAD
EMERGENCY SHORELINE STABILIZATION

DONALD & BRENDA MACEOIN
44426 LIVONIA TER.
ASHBURN, VA 20147

TO SITE C

SR 1142 WATERLILY ROAD

TO SITE E



N 36.388627°
W 75.917066°

SITE D

SURFACE WATER IMPACT = 346 SQ. FT.

NC DEPT. OF TRANSPORTATION

COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DFI4701.2027010*
SCALE:	*1" = 10'*
DATE:	*10/22/2015*
DRAWN BY:	*PAUL WILLIAMS*

EVELYN & JOHN DOUGLASS
1127 WATERLILY RD
COINJOCK, NC 27923

WATERLILY ROAD
EMERGENCY SHORELINE STABILIZATION

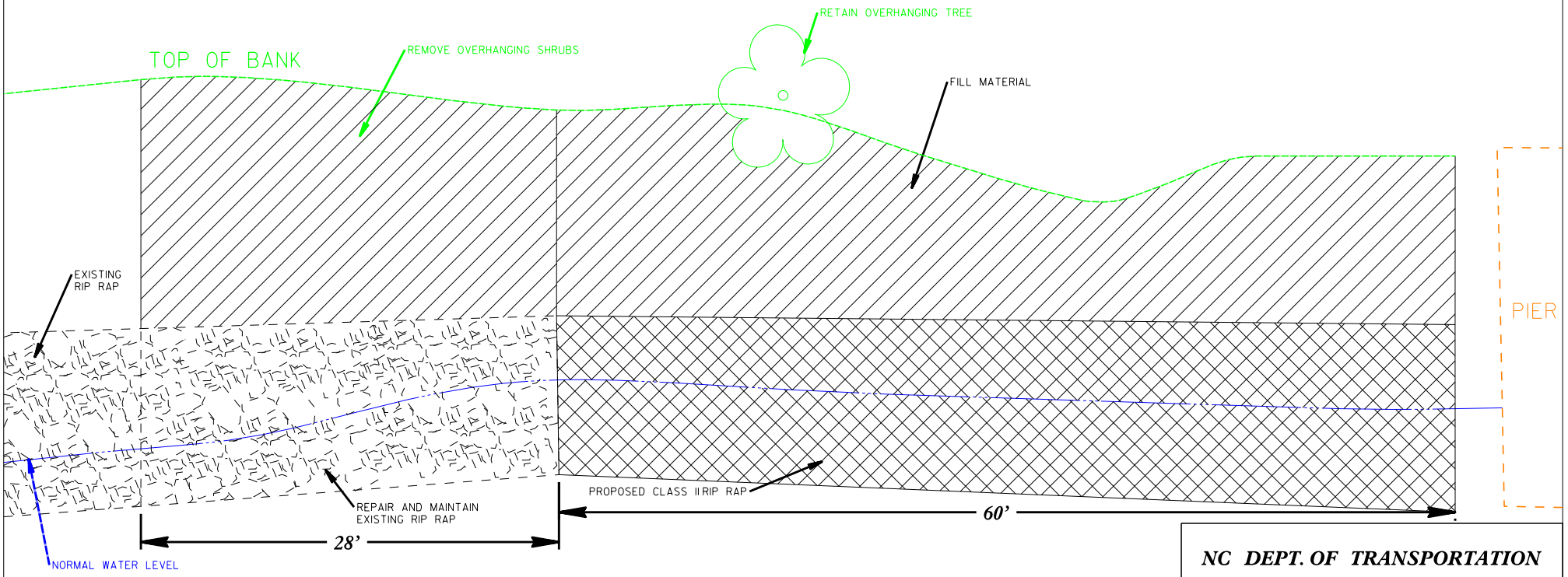
PROPERTY LINE

MELISSA LEE HENLEY SHELL
1135 WATERLILY RD
COINJOCK, NC 27923

TO SITE D

SR 1142 WATERLILY ROAD

TO SITE F



CURRITUCK SOUND

N 36.391601°
W 75.918602°

SITE E

SURFACE WATER IMPACT = 389 SQ. FT.

NC DEPT. OF TRANSPORTATION	
COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DF14701.202710*
SCALE:	*1" = 10'*
DATE:	*10/22/2015*
DRAWN BY:	*PAUL WILLIAMS*

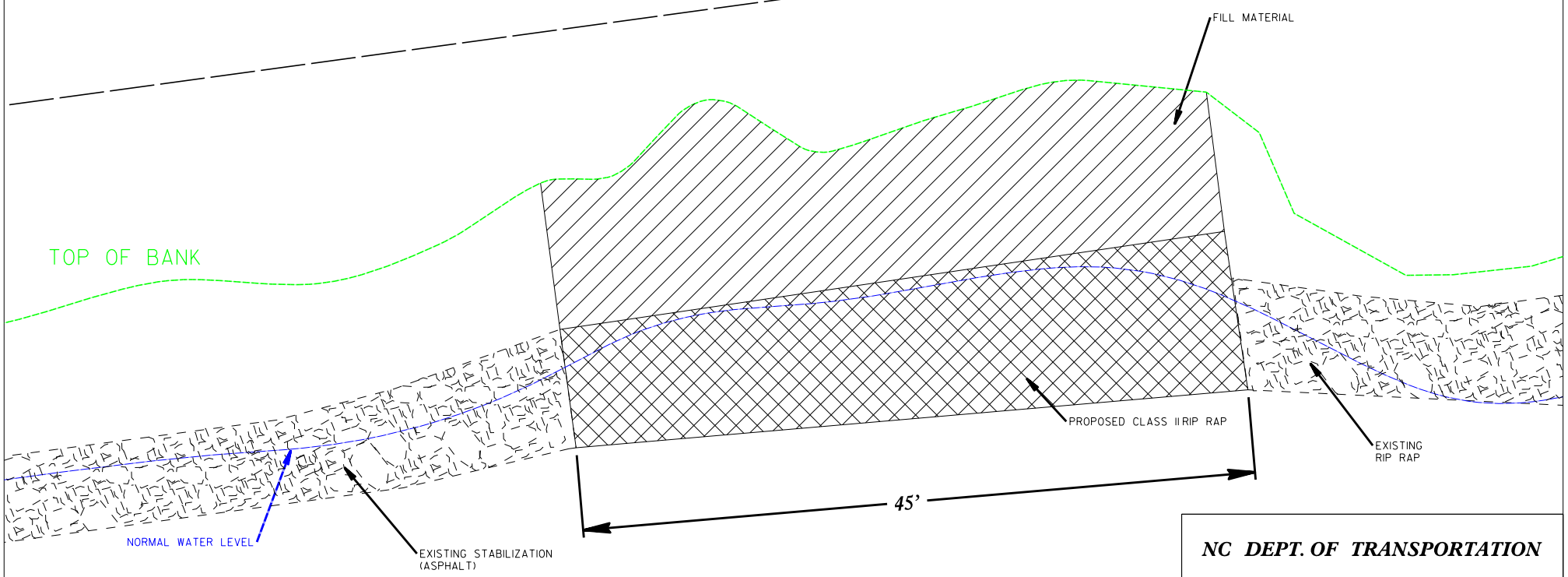
LINVILLE P. & BILLY C. ELKIN
JO ANNE ELKIN PRITCHARD
424 N. GEORGE WASHINGTON HWY
CHESAPEAKE, VA 23323

WATERLILY ROAD
EMERGENCY SHORELINE STABILIZATION

TO DEAD END

SR 1142 WATERLILY ROAD

TO SITE E



CURRITUCK SOUND

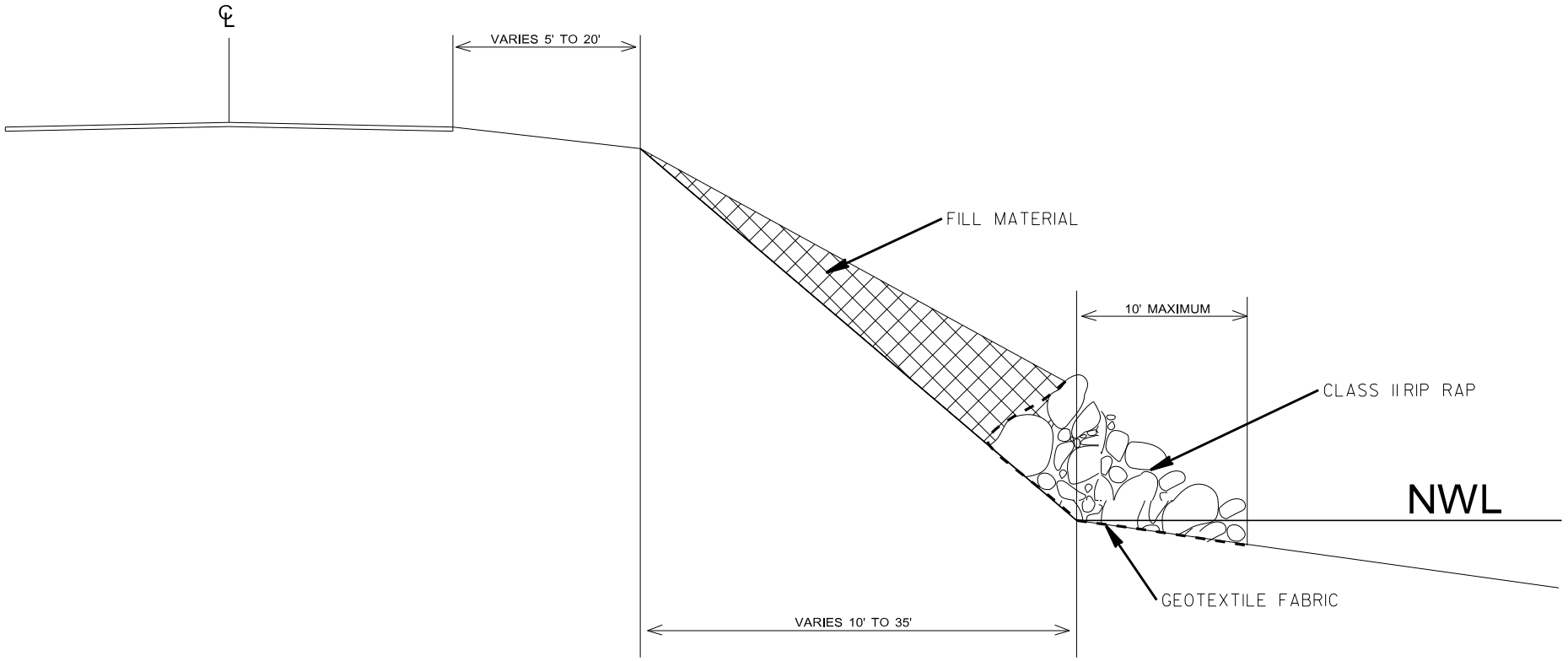
N 36.394814°
W 75.920317°

SITE F

SURFACE WATER IMPACT = 369 SQ. FT.

NC DEPT. OF TRANSPORTATION	
COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DFI4701.2027010*
SCALE:	*1" = 10'*
DATE:	*10/22/2015*
DRAWN BY:	*PAUL WILLIAMS*

WATERLILY ROAD
SHORELINE STABILAZATION
ELEVATION VIEW – TYPICAL



NC DEPT. OF TRANSPORTATION	
COUNTY:	*CURRITUCK*
QUAD:	*BARCO*
BASIN:	*PASQUOTANK*
PROJECT:	*SHOULDER STBILIZATION*
WBS ELEMENT:	*DF14701.2027010*
SCALE:	*1" = 10'*
DATE:	*10/22/2015*
DRAWN BY:	*PAUL WILLIAMS*

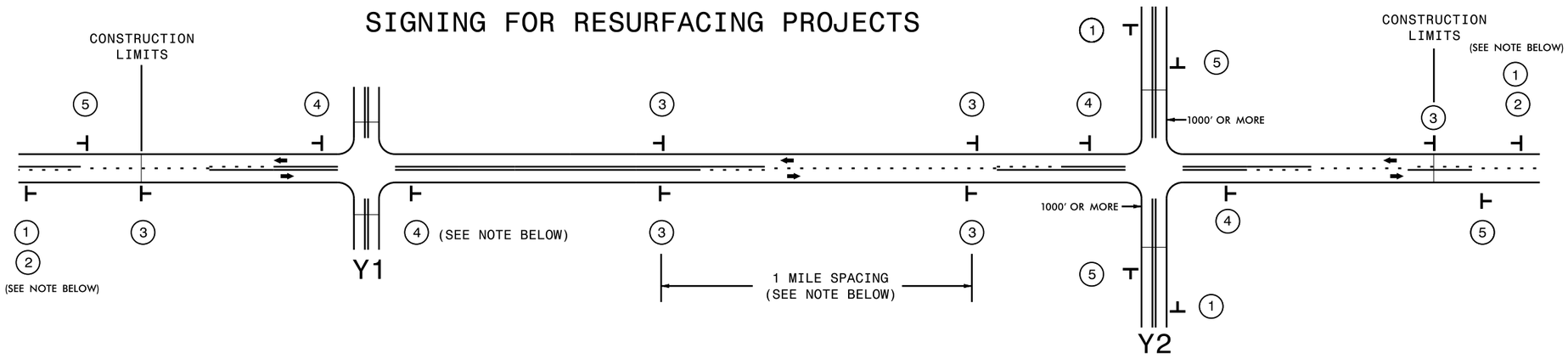
PROJECT NO.	SHEET NO.	TOTAL NO.
DF14701.2027010	9	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MOBILIZATION LS	CLEARING & GRUBBING .. ACRE(S) LS	BORROW CY	GEOTEXTILE FOR SOIL STABILIZATION SY	GENERIC GRADING ITEM (SHOULDER & SLOPE RECONSTRUCTION) ACR	AC PLANT MIX (REPAIR) TON	MATTING FOR EROSION CONTROL SY	SEED & MULCHING ACR	REMOVAL OF EXISTING STRUCTURES (SITE D) LS	RIP RAP CLASS II (2'-0" THICK) TON	TRAFFIC CONTROL LS
DF14701.2027010	Currituck	1	SR 1142 WATERLILY ROAD	VARIOUS LOCATIONS	1	2	2WU	NO	NO	0.075	20	1	1	2,900	1,300	1	50	4,840	1	1	1,600	1
GRAND TOTAL										**0.075**		**1**	**1**	**2,900**	**1,300**	**1**	**50**	**4,840**	**1**	**1**	**1,600**	**1**

PROJ. REFERENCE NO.	SHEET NO.

SIGNING FOR RESURFACING PROJECTS



LEGEND
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1	ROAD WORK AHEAD W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
2	NEXT XX MILES W7-3aP 24" X 18"	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)
3	LOW/SOFT SHOULDER SP 13107 48" X 48"	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.
4	ROAD UNDER CONST SP 13106 48" X 48"	THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
5	END ROAD WORK G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD W20-1 48" X 48"

PLACED 500' IN ADVANCE OF FLAGGER.

W20-7 A 48" X 48"

PLACED 250' IN ADVANCE OF FLAGGER.

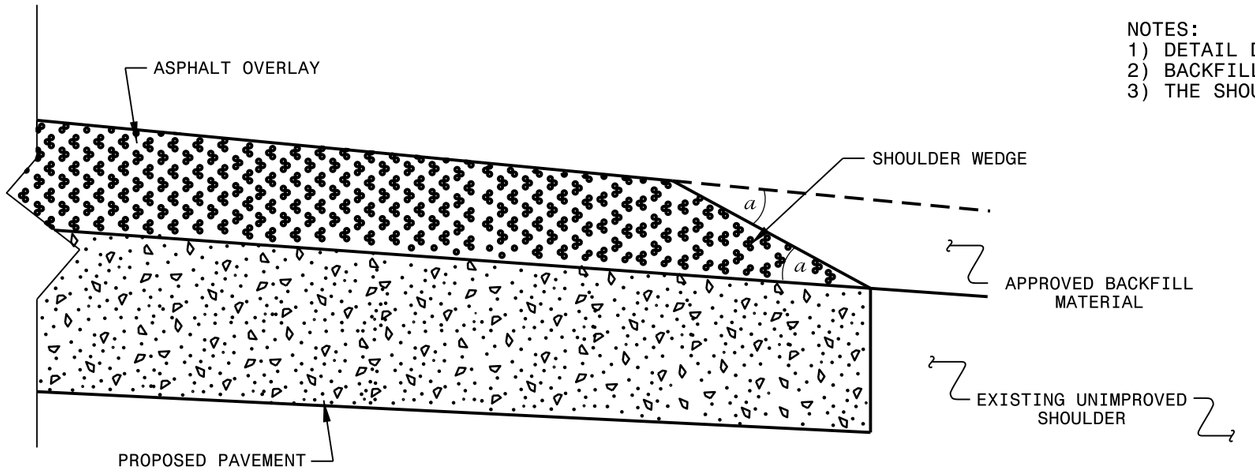
DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

09-FEB-2015 07:52
\\DICad26493\District1\Paving Maps\2015\Camden\Camden\Plans\Resurfacing_AdvWarn_2Ln.dgn
btatum AT DICAD27026I

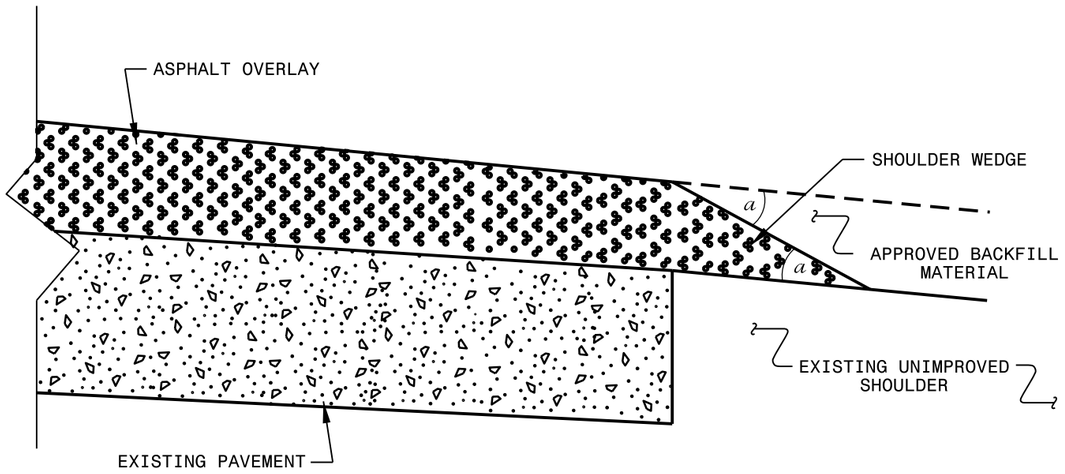
PROJECT REFERENCE NO.	SHEET NO.

NOTES:
1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



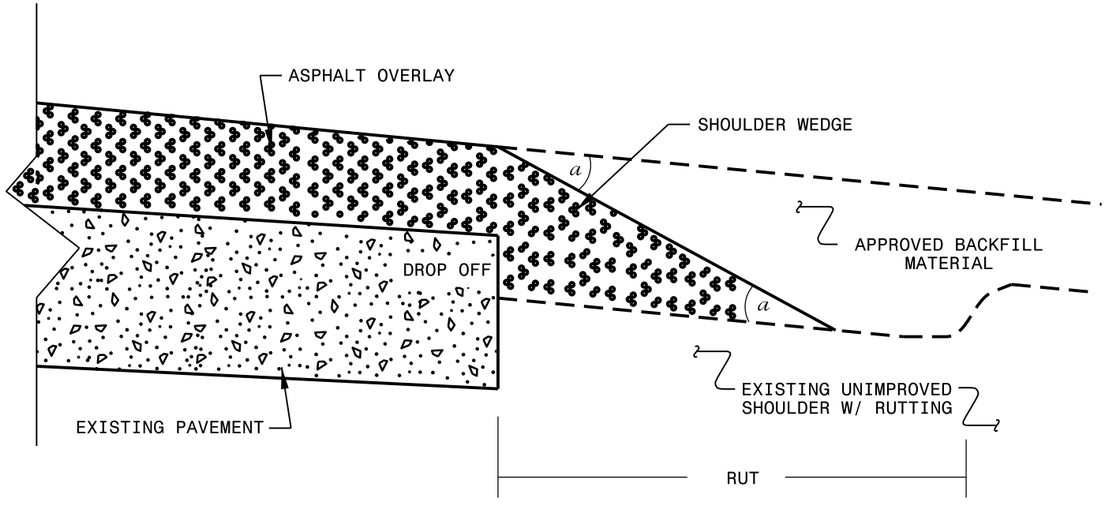
SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SHOULDER WEDGE DETAILS

ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.:	s:usr/details/stand/shoulderwedgedetail.dgn		

09-FEB-2005 07:56
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