

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER GOVERNOR JAMES H. TROGDON, III
SECRETARY

April 2, 2019

Memo To: David Otts, Resident Engineer

From: Paul Williams, Division Environmental Supervisor

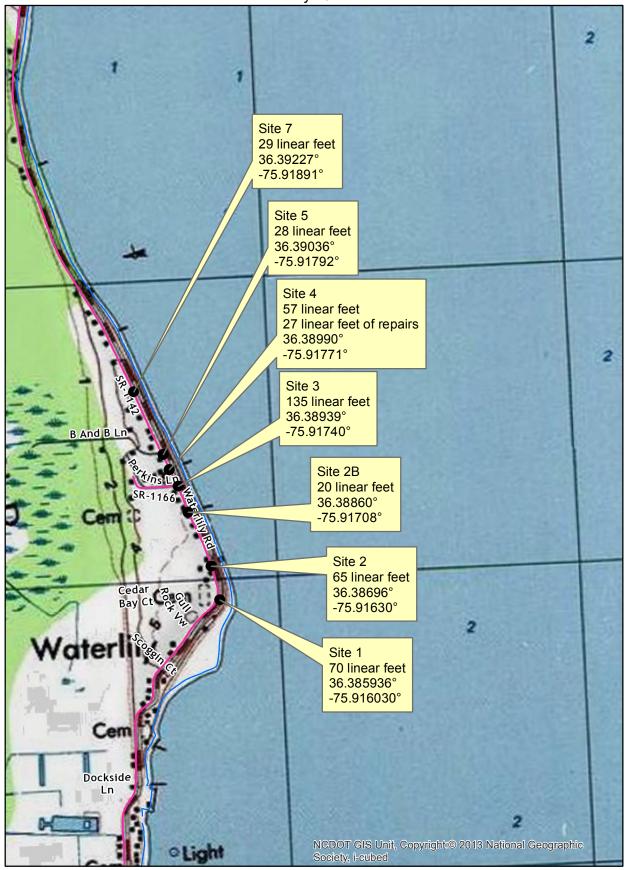
Subject: Permit for Shoulder Stabilization on Waterlily Road in Currituck County

The CAMA General Permit for this project is attached. The attached permit has conditions that must be adhered to during the construction process. The attached permit drawings for the project (including fill in jurisdictional waters and distance from the normal water level) must be followed. Any modifications to the project design that may change impact limits may require permit modifications. If the project limits or design change, the environmental officer needs to be notified in order to request the proper permit modifications. Before construction begins on this project, a preconstruction meeting needs to be scheduled with the regulatory agency. Please, allow two weeks' notice for scheduling of this meeting. A copy of the permit and the attached conditions need to be on the project site during construction of this project.

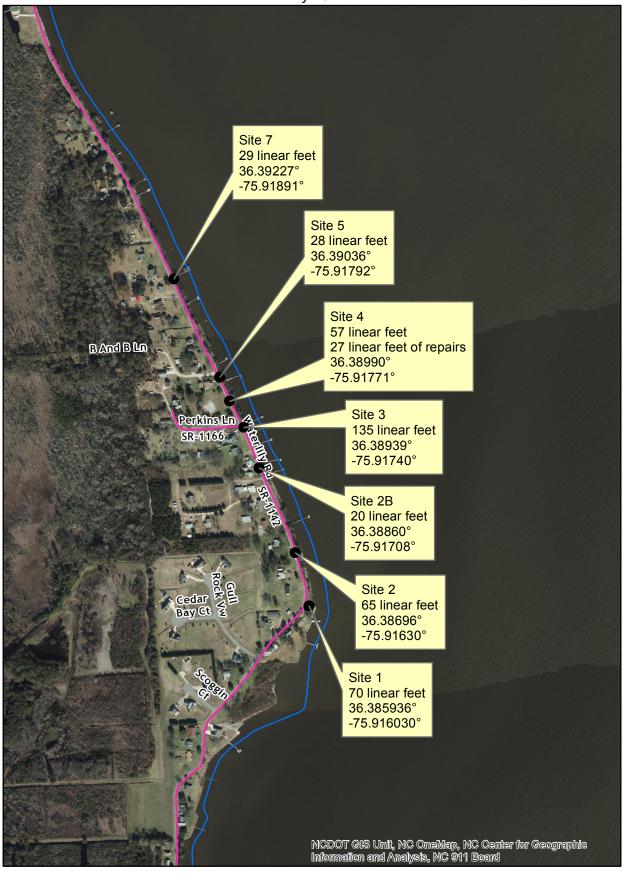
In addition, the project includes several sites that are covered by the attached Repair & Maintenance exemption under CAMA Regulations. A map of those sites is attached, and work in those areas shall not be waterward of the existing riprap stabilization. A copy of the Exemption needs to be on the project site during construction.

CC: Gretchen Byrum
Barry Hobbs
Andy Blankenship
Win Bridgers
Randy Midgett
Chris Slachta
Heath Stallings
Glenn Cooke

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



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



0

500

1,000

2,000 Feet

✓ CAMA / ✓ DREDGE & FILL	No. 72609
GENERAL PERMIT	Previous permit # A 65 702
₩ Mew Modification Complete Reissue Partial	
As authorized by the State of North Carolina, Department of Environmental	Quality OTH -1100
and the Coastal Resources Commission in an area of environmental concern	pursuant to I5A NCAC O7H - 1100 Rules attached.
Applicant Name NCDOT	Project Location: County CORPITUCK
Address 113 AIRPORT RP, SUITE 100	Street Address/ State Road/ Lot #(s) SEVEN (7) SITES APAGE
Address 115 America per Solic 100	
City EDENTON State Ne ZIP 27932	SR 1142 (WATERLING RO)
Phone # (252) 482. 1861 E-Mail gowillians 20rd q	Subdivision
Authorized Agent PAUL WILLIAMS	City CoinJock ZIP 27923
ACC CW VEW PTA VES PTS	Phone # () River Basin PASQuoTNUK_
Affected OEA HHF IH UBA N/A	Adj. Wtr. Body CURRITUCK SOUND (Mas /man /unkn)
PWS:	Closest Maj. Wtr. Body CURRITUCK SUND
ORW: yes /no PNA yes /no	Closest Maj. vvtr. Body
Time of Businest Activity Silver 1818 STARING ATTORING AT SOME	N(7) SIES ON SRIIY) VTILLANG CHSS VITSTONEIN
Type of Project Activity Project To Pan Clare	The state of the s
ALLUMENT WITH EXISTING REVERMENTS READ STOLLDES	S SCORES BAKHILLED AND MINISTER (Scale: N/A)
Pier (dock) length	
Fixed Platform(s)	
Floating Platform(s) Finger pier(s)	
Groin length	
	A. T. PROPERTY TOTAL DOG TO
Bulkhead/Riprap length 404'	BS AND INCORPORATED INTO PERMIT:
avg distance offshore	
max distance offshore 10'	ATFS 02/01/2019
51×(6) DATES 02/06/2019
cubic yards — ONE (DATES 02/11/2019
Boat ramp	
Boathouse/ Boatlift	
Beach Bulldozing	
Other DACKFILL Stofes	
Rego & House Agre	
NHW	
A ()	
SAV: not sure yes 60	
Moratorium: n/a yes (no	
Photos:	
Waiver Attached: yes (no)	
A building permit may be required by: Color Tock	See note on back regarding River Basin rules.
(Note Local Planning Jurisdiction)	
Notes/ Special Conditions WALL BACKFILL SHALL BE OBTAL	NESS FROM AN UPLAND SURCE @ PUNOFF TRAM
CONSTRUCTION SHALL KENT VICED IN INCREASE THE AMOUNT	TOCK OFF DED CEDIM- TO IN ADMISS THE ATERS
CONSTRUCTION SHALL NOT VISIBLY INCREASE THE AMOUNT SIZE	The semanting to the second waters.
DIESCHALL WATERIA THAT DE OF SHALLEN 215	E B NEW BAT MOVEMENT FROM SITE BY WINE PCHON CORONIS,
for 1 1.1.1/4	Course !
rain Williams	CATTO CACCA DAISE
Agent or Applicant Politics Name	Permit Officer's Printed Name
faul With	Ch 20
Signature ** Please read compliance statement on back of permit **	Signature
\$400.00 W85#DF15501.2027010	04/02/2019 07/31/2019
Application Fee(s) Check #	Issuing Date Expiration Date
• •	

SECTION .1100 - GENERAL PERMIT FOR CONSTRUCTION OF BULKHEADS AND RIRAP REVETMENTS FOR SHORELINE PROTECTION IN ESTUARINE AND PUBLIC TRUST WATERS AND OCEAN HAZARD AREAS

15A NCAC 07H .1101 PURPOSE

A permit under this Section shall allow the construction of bulkheads and riprap revetments for shoreline protection in the public trust waters and estuarine waters AECs according to authority provided in Subchapter 07J .1100 and according to the Rules in this Section. This permit shall not apply to shoreline protection along the oceanfront or to waters and shorelines adjacent to the Ocean Hazard AEC with the exception of those shorelines that feature characteristics of the Estuarine Shoreline AEC. Such features include the presence of wetland vegetation, lower wave energy and lower erosion rates than the adjoining Ocean Erodible Area.

History Note: Authority G.S. 113A-107(a); 113A-107(b); 113A-113(b); 113A-118.1; 113A-124; Eff. March 1, 1984;

Amended Eff. July 1, 2009; April 1, 2003.

15A NCAC 07H .1102 APPROVAL PROCEDURES

- (a) An applicant for a General Permit under this Subchapter shall contact the Division of Coastal Management and request approval for development. The applicant shall provide information on site location, dimensions of the project area, and the applicant's name and address.
- (b) The applicant shall provide:
 - (1) confirmation that a written statement has been obtained signed by the adjacent riparian property owners indicating that they have no objections to the proposed work; or
 - confirmation that the adjacent riparian property owners have been notified by certified mail of the proposed work. The notice shall instruct adjacent property owners to provide written comments on the proposed development to the Division of Coastal Management within 10 days of receipt of the notice, and, indicate that no response shall be interpreted as no objection. The Division of Coastal Management shall review all comments and determine, based on their relevance to the potential impacts of the proposed project, if the proposed project can be approved by a General Permit. If the Division of Coastal Management determines that the project exceeds the guidelines established by the General Permit Process, DCM shall notify the applicant that an application for a major development permit shall be required.
- (c) No work shall begin until an on-site meeting is held with the applicant and a Division of Coastal Management representative so that the proposed alignment may be marked. Written authorization to proceed with the proposed development shall be issued if the Division representative finds that the application meets all the requirements of this Subchapter. Construction of the bulkhead or riprap revetment shall be completed within 120 days of the issuance of the general authorization or the authorization shall expire and it shall be necessary to re-examine the alignment to determine if the general authorization may be reissued.

History Note: Authority G.S. 113A-107(a); 113A-107(b); 113A-113(b); 113A-118.1; 113A-124;

Eff. March 1, 1984;

Amended Eff. July 1, 2009; October 1, 2007; September 1, 2006; January 1, 1990; December 1, 1987.

15A NCAC 07H .1103 PERMIT FEE

The applicant shall pay a permit fee of two hundred dollars (\$200.00) for riprap revetments sited at or above normal high water or normal water level, or a permit fee of four hundred dollars (\$400.00) for riprap revetments sited below normal high water or normal water level. The applicant shall pay a permit fee of four hundred dollars (\$400.00) for bulkheads. Permit fees shall be paid by check or money order payable to the Department.

History Note: Authority G.S. 113A-107; 113A-113(b); 113A-118.1; 113A-119; 113-119.1; 113A-124;

Eff. March 1, 1984;

Amended Eff. October 5, 2009; September 1, 2006; August 1, 2000; March 1, 1991.

15A NCAC 07H .1104 GENERAL CONDITIONS

- (a) This permit authorizes only the construction of bulkheads and riprap revetments conforming to the standards herein.
- (b) Individuals shall allow authorized representatives of the Department of Environment and Natural Resources to make periodic inspections at any time deemed necessary in order to ensure that the activity being performed under authority of this general permit is in accordance with the terms and conditions prescribed herein.
- (c) There shall be no interference with the use of the waters by the public by the existence of the bulkhead or the riprap revetment authorized herein. Bulkheads and riprap revetments authorized in this Rule shall not interfere with the established or traditional rights of navigation of the waters by the public.

- (d) This permit shall not be applicable to proposed construction where the Division of Coastal Management has determined, based on an initial review of the application, that notice and review pursuant to G.S. 113A-119 is necessary because there are unresolved questions concerning the proposed activity's impact on adjoining properties or on water quality; air quality; coastal wetlands; cultural or historic sites; wildlife; fisheries resources; or public trust rights.
- (e) This permit shall not eliminate the need to obtain any other required state, local, or federal authorization.
- (f) Development carried out under this permit shall be consistent with all local requirements, AEC rules, and local land use plans current at the time of authorization.

History Note: Authority G.S. 113A-107(a); 113A-107(b); 113A-113(b); 113A-118.1; 113A-124; Eff. March 1, 1984;

Amended Eff. May 1, 1990; December 1, 1987;

RRC Objection due to ambiguity Eff. May 19, 1994; Amended Eff. July 1, 2009; August 1, 1998; July 1, 1994.

15A NCAC 07H .1105 SPECIFIC CONDITIONS

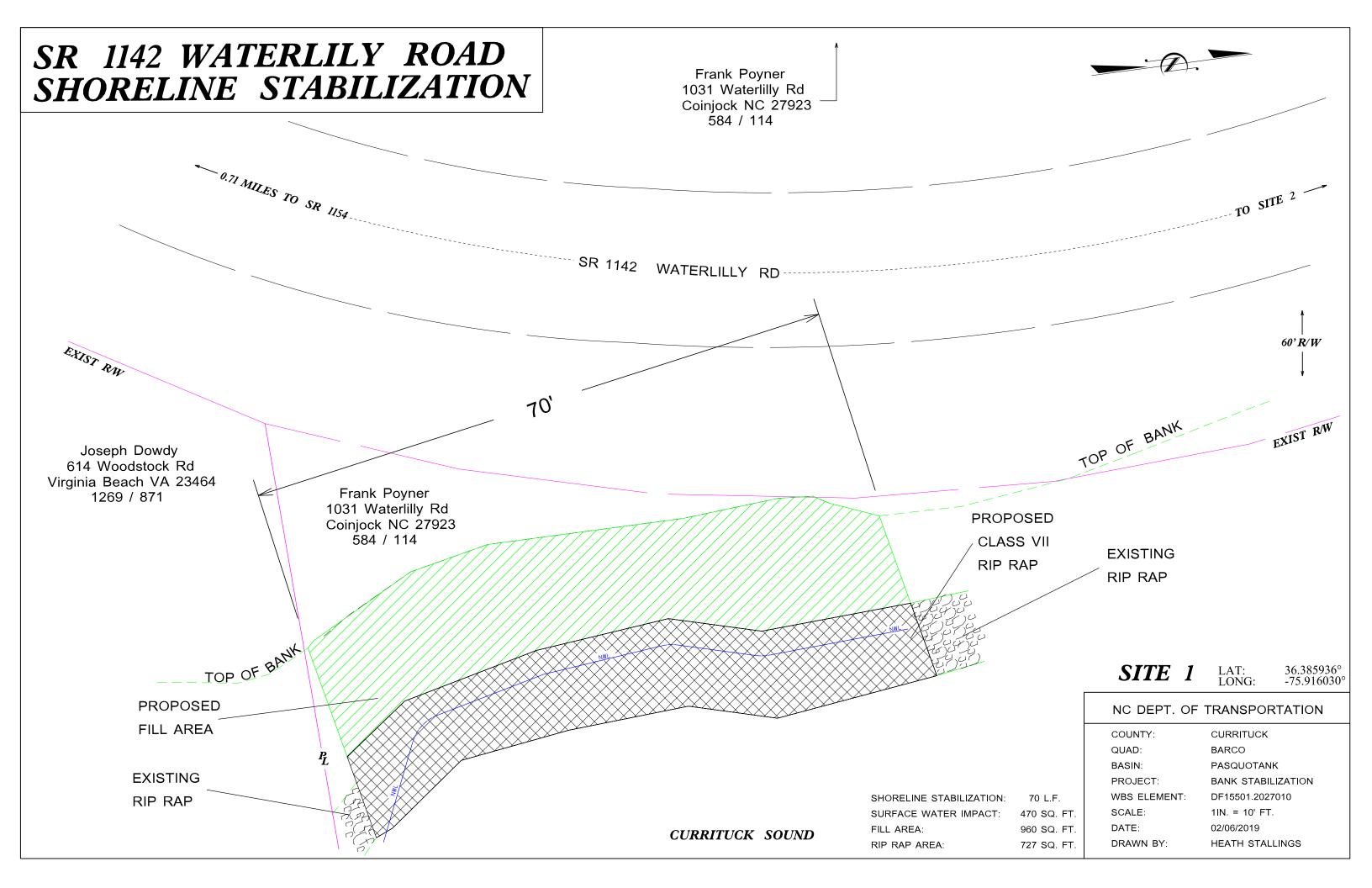
- (a) Along shorelines void of wetland vegetation:
 - (1) New bulkheads shall have an average approximation of normal high water or normal water level. The bulkhead position shall not exceed a distance of five feet waterward of normal high water or normal water level at any point along its alignment.
 - (2) New bulkheads or riprap revetments on shorelines within manmade upland basins, canals, and ditches, shall be positioned so as not to exceed an average distance of two feet and maximum distance of five feet waterward of normal high water or normal water level.
 - (3) When replacing an existing bulkhead, the new alignment shall be positioned so as not to exceed a maximum distance of two feet waterward of the current bulkhead alignment. To tie into a like structure on the adjacent property, replacement bulkhead position shall not exceed a maximum distance of five feet waterward of the current bulkhead alignment. When replacing a bulkhead where lands landward of the bulkhead were lost in the last year, bulkheads shall be positioned a maximum of two feet waterward of the original/existing alignment.
 - (4) Riprap revetments shall be positioned so as not to exceed a maximum distance of 10 feet waterward of the normal high water or normal water level at any point along its alignment.
- (b) Along shorelines with wetland vegetation, bulkheads and riprap revetments shall be positioned so that all construction is to be accomplished landward of such vegetation.
- (c) Bulkheads shall be constructed of vinyl, or steel sheet pile, concrete, stone, timber, or other suitable materials approved by the Division of Coastal Management.
- (d) Riprap revetments shall be constructed of granite, marl, concrete without exposed rebar, or other suitable materials approved by the Division of Coastal Management.
- (e) Revetment material shall be free from loose dirt or other pollutants.
- (f) Revetment material shall be of sufficient size to prevent movement from the site by wave action or currents.
- (g) Construction design for riprap revetments shall take into consideration the height of the area to be protected (i.e. bulkhead height, escarpment height, water depth) and the alignment shall allow for a slope no flatter than three feet horizontal per one foot vertical and no steeper than $1\frac{1}{2}$ feet horizontal per one foot vertical.
- (h) All backfill material shall be obtained from an upland source pursuant to 15A NCAC 07H .0208. The bulkhead or riprap revetment shall be constructed prior to any backfilling activities and shall be structurally tight so as to prevent seepage of backfill materials through the structure.
- (i) No excavation, grading or fill shall be permitted except for that which may be required for the construction of the bulkhead or riprap revetment. This permit shall not authorize any excavation waterward of the approved alignment.
- (j) Runoff from construction shall not visibly increase the amount of suspended sediments in adjacent waters. Appropriate sedimentation and erosion control devices, measures or structures shall be implemented to ensure that eroded materials do no enter adjacent wetlands, watercourses and property (e.g. silt fence, diversion swales or berms, sand fence, etc.).
- (k) If one contiguous acre or more of property is to be excavated or filled, an erosion and sedimentation control plan shall be filed with the Division of Energy, Mineral, and Land Resources, or appropriate local government having jurisdiction. This plan shall be approved prior to commencing the land-disturbing activity.
- (1) For the purposes of these Rules, the Atlantic Intracoastal Waterway (AIWW) is considered a natural shoreline.
- (m) Construction authorized by this general permit shall be limited to a maximum shoreline length of 500 feet.

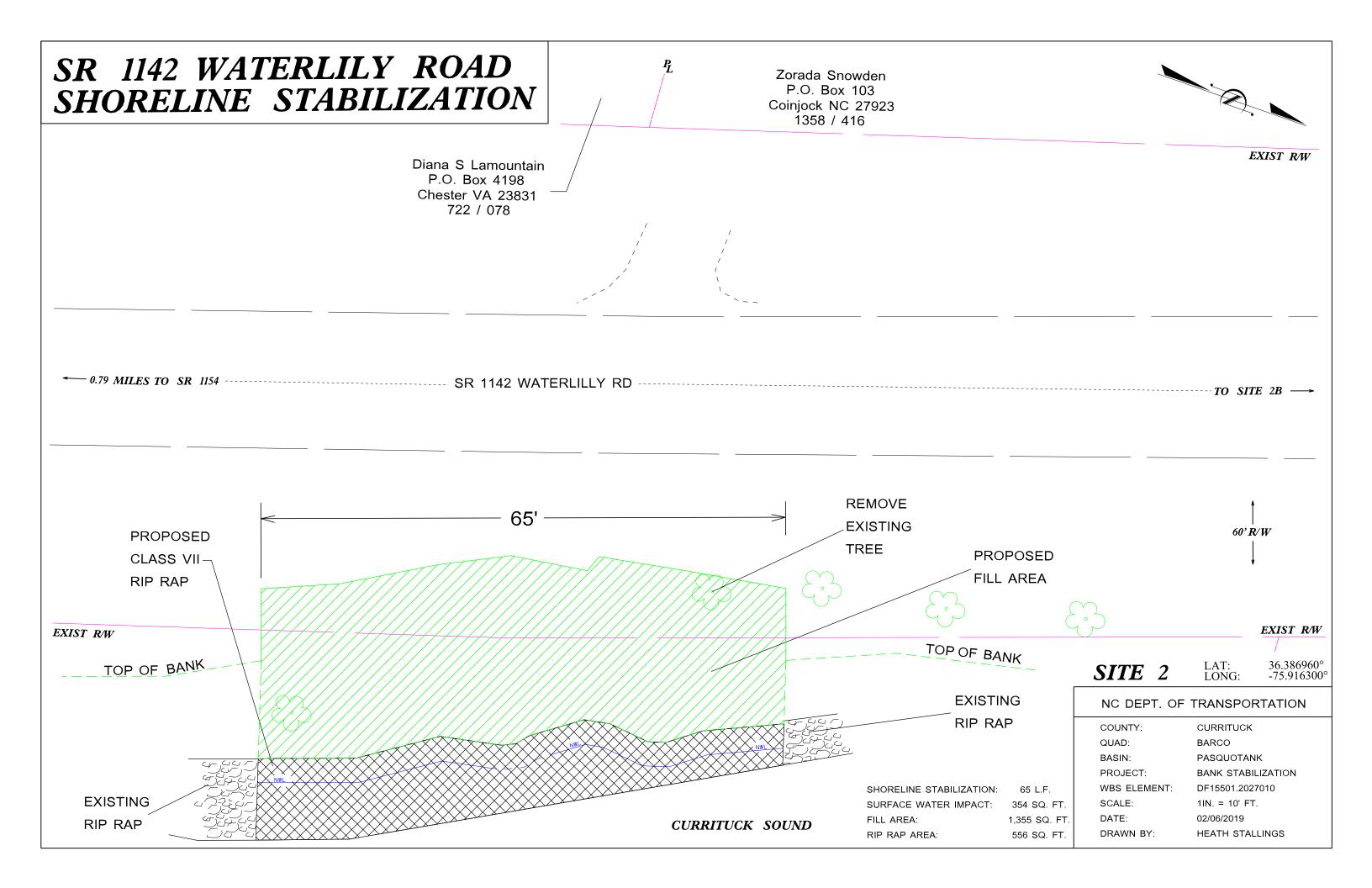
History Note: Authority G.S. 113A-107(a); 113A-107(b); 113A-113(b); 113A-118.1; 113A-124;

Eff. March 1, 1984;

Amended Eff. August 1, 2012 (see S.L. 2012-143, s.1.(f)); July 1, 2009; April 1, 2005;

December 1, 1991; January 1, 1989; December 1, 1987.





SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

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

← 0.91 MILES TO SR 1154

EXIST R/W

Donald Maceoin 44426 Livonia Terrace Ashburn VA 20147 1327 / 941



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

PROJECT:

DRAWN BY:

SCALE:

DATE:

WBS ELEMENT:

20 L.F.

107 SQ. FT.

262 SQ. FT.

136 SQ. FT.

SHORELINE STABILIZATION:

SURFACE WATER IMPACT:

FILL AREA:

RIP RAP AREA:

BANK STABILIZATION

DF15501.2027010

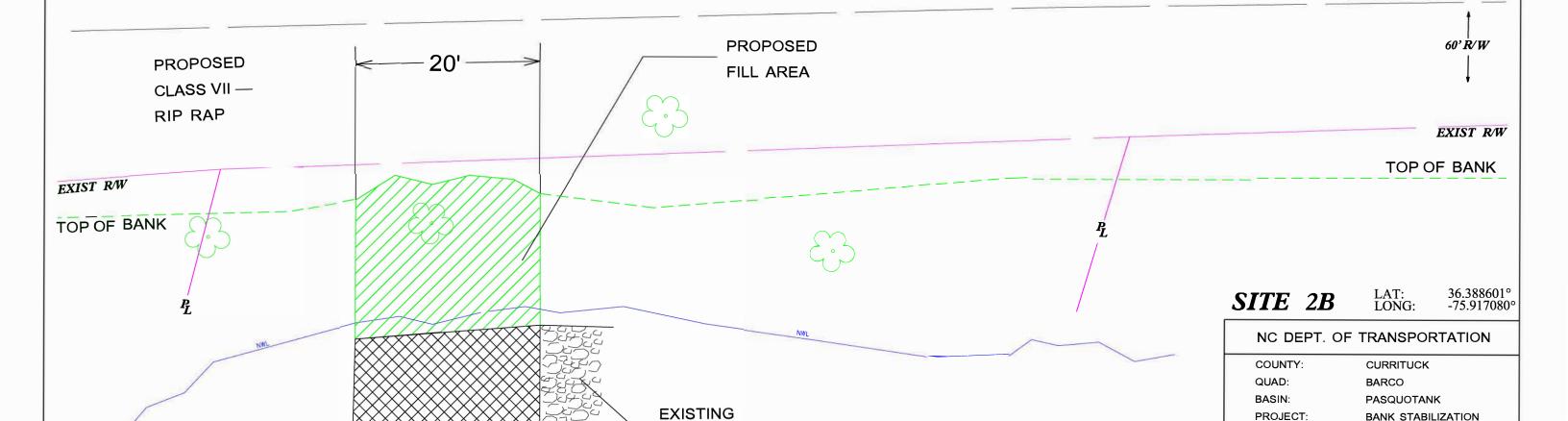
HEATH STALLINGS

1IN. = 10' FT.

03/19/2019

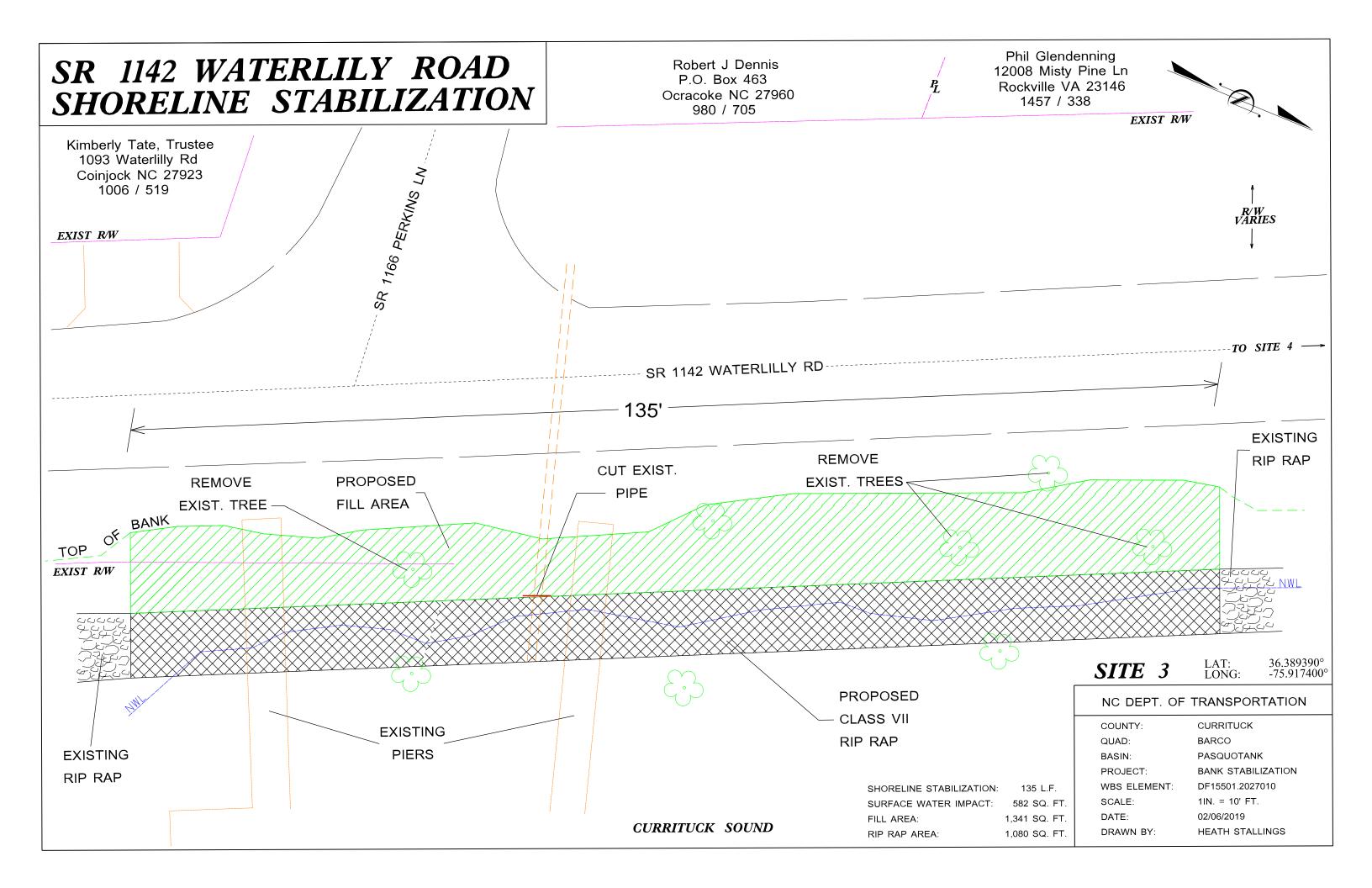
EXIST R/W





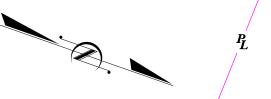
CURRITUCK SOUND

RIP RAP

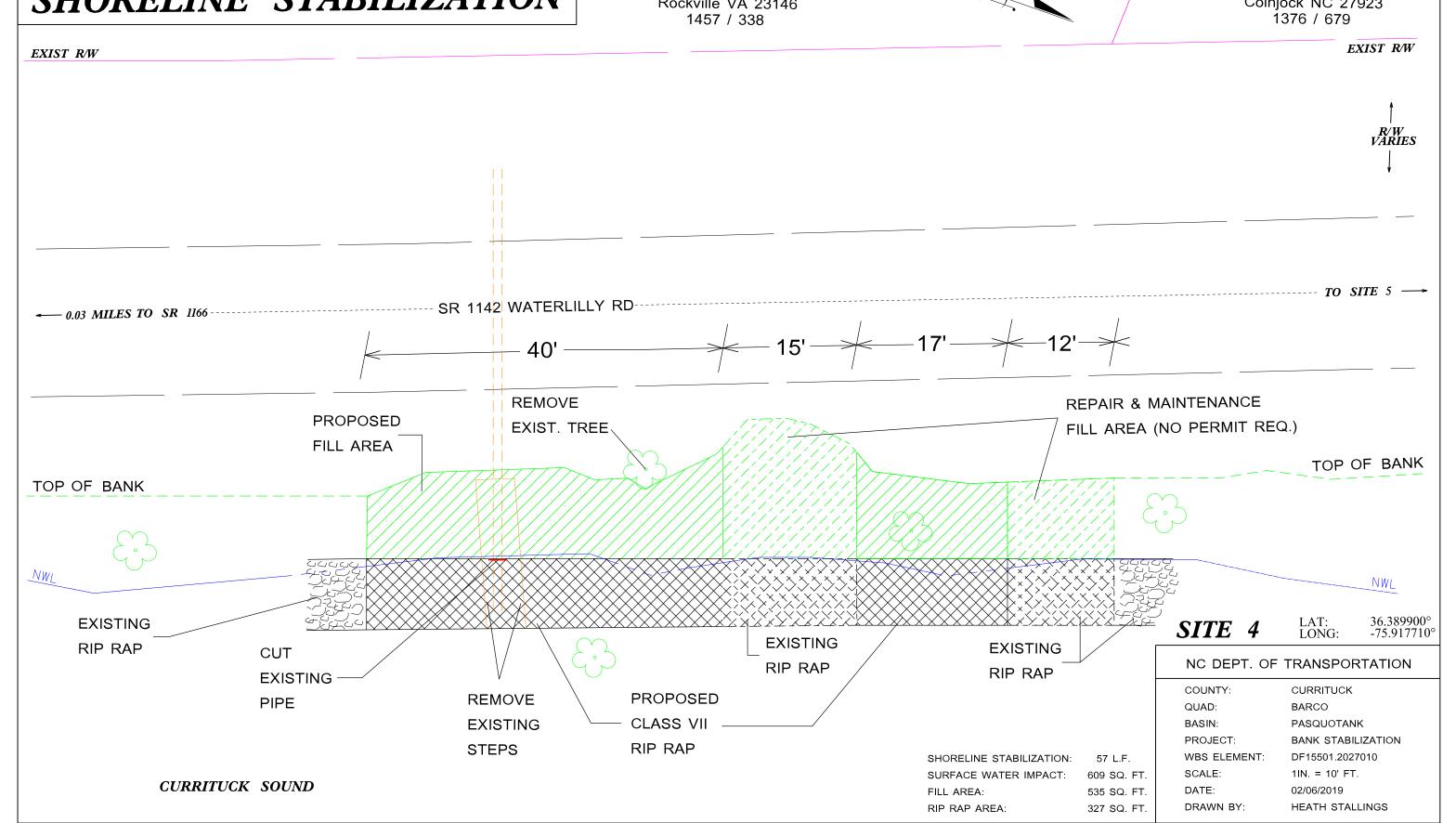


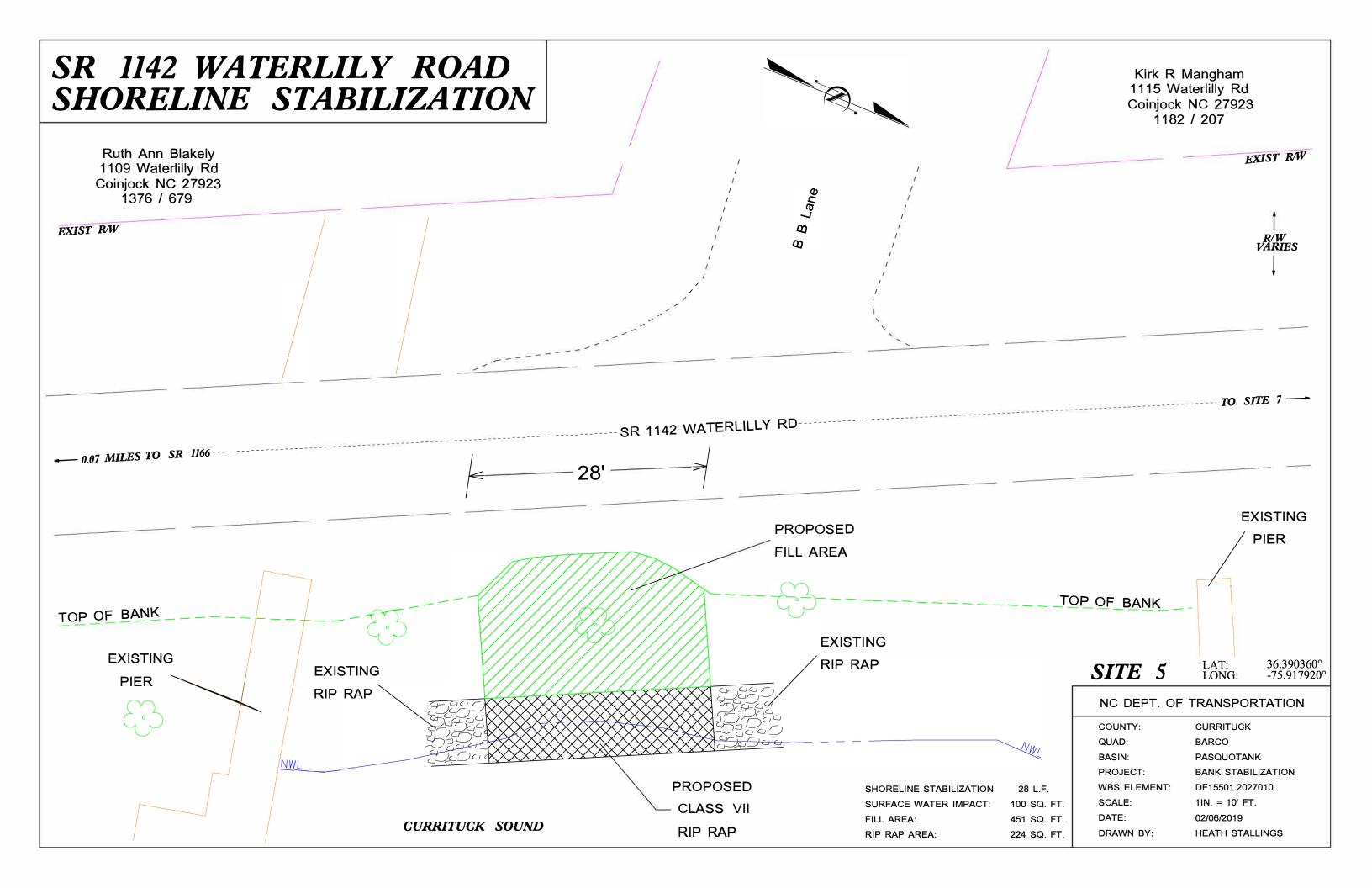
SR 1142 WATERLILY ROAD SHORELINE STABILIZATION

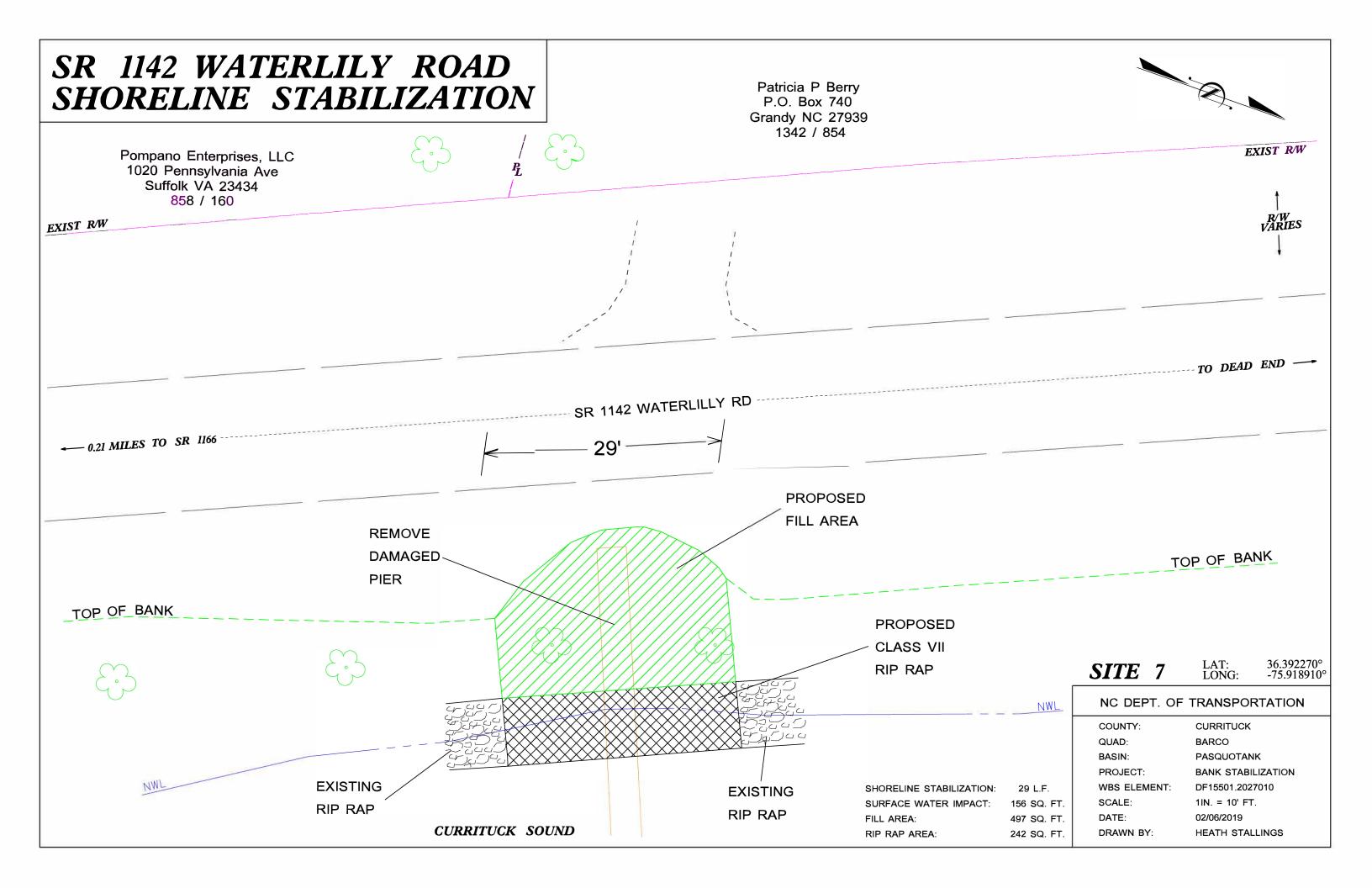
Phil Glendenning 12008 Misty Pine Ln Rockville VA 23146 1457 / 338



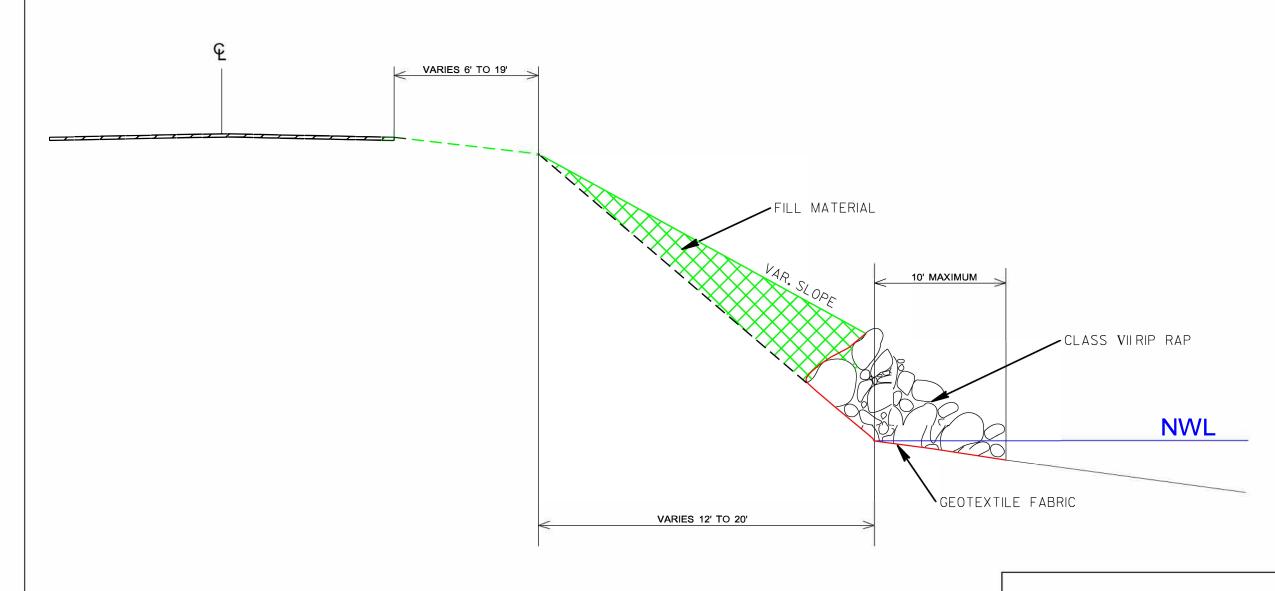
Ruth Ann Blakely 1109 Waterlilly Rd Coinjock NC 27923 1376 / 679







SR 1142 WATERLILY ROAD SHORELINE STABILIZATION ELEVATION VIEW - TYPICAL



NC DEPT. OF TRANSPORTATION

COUNTY: CURRITUCK
QUAD: BARCO
BASIN: PASQUOTANK
PROJECT: BANK STABILIZATION
WBS ELEMENT: DF15501.2027010
SCALE: NOT TO SCALE
DATE: 2/11/2019

DRAWN BY: HEATH STALLINGS

Williams, Paul C

From: Daisey, Greg

Sent: Wednesday, November 21, 2018 2:58 PM

To: Williams, Paul C

Subject: RE: Repair and Maintenance Notification on SR 1142 Waterlily Road in Currituck County

Paul -

DCM has reviewed the NCDOT proposal to repair/maintain approximately 231' of shoreline on SR 1142 (Waterlily Road) in Currituck County as described in your request in an email dated November 15, 2018 (containing two (2) attachments). NCDOT states Class II or larger stone will be placed on existing riprap at six (6) sites on geotextile fabric and backfill will be placed behind the stone/fabric to repair eroded roadway shoulders due to Hurricane Florence and Tropical Storm Michael.

After conducting a site visit on November 21, 2018, DCM has confirmed the proposed work to be maintenance/repair of existing armored shoreline and therefore will not require a CAMA permit from the N.C. Division of Coastal Management. Please be reminded that repairs must occur above Normal Water Level (NWL) and all work must occur within the existing revetment footprint/alignment.

If any aspect of this authorization request should change, please contact me before proceeding.

Contact me with any questions or if I may be of any further assistance with this project.

Greg Daisey

Transportation Projects Field Representative Division of Coastal Management North Carolina Department of Environmental Quality

252 264 3901, EXT. 249 Greg.Daisey@ncdenr.gov

401 S. Griffin St., Suite 300 Elizabeth City, NC 27909





Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Williams, Paul C

Sent: Thursday, November 15, 2018 8:50 AM **To:** Daisey, Greg <Greg.Daisey@ncdenr.gov>

Subject: Repair and Maintenance Notification on SR 1142 Waterlily Road in Currituck County

As we discussed at our onsite meeting 10/22/2018, NCDOT will repair several sites on SR 1142 Waterlily Road in Currituck County that were damaged by Hurricane Florence and Tropical Storm Michael. Class II or larger stone will be

placed on the existing riprap at these sites on geotextile fabric and backfill will be placed behind the stone and fabric to repair the eroded roadway shoulders. Maps are attached of the vicinity with the locations of the sites. Linear distances and quantities are listed below.

Site #	Start Point Latitude	Start Point Longitude	Length (FT)	Approx. Fill (YD)
6	36.39139	-75.91848	28	179
8	36.39462	-75.92023	31	98
9	36.39638	-75.92145	35	12
10	36.39908	-75.92264	45	17
11	36.40561	-75.92244	39	84
12	36.40601	-75.92244	53	177
		Total	231	566

Other sites of damage will require permits, and we are currently working on permit drawings to submit with the permit application.

Thanks,

Paul C. Williams, Jr.

Environmental Specialist
Division One
NC Department of Transportation

(252) 482-1861 office (252) 333-9812 mobile (252) 482-8722 fax pcwilliams2@ncdot.gov

113 Airport Dr. Suite 100 Edenton, NC 27932



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

