

Wetlands Board

Building F - 7 p.m.

March 3, 2013

A. Roll Call

B. Minutes

1. December 12, 2012 - Board Meeting

C. Public Hearings

1. W-12-13/13-0076 - Federal Hwy Admin – College Creek Bridge repair

D. Board Considerations - None

E. Matters of Special Privilege

F. Adjournment

Wetlands Permit Application W-12-13/VMRC 13-0076: Colonial Parkway College Creek Bridge Repair

Staff report for the March 13, 2013 Wetlands Board Public Hearing

This staff report is prepared by James City County Engineering and Resource Protection to provide information to the local Wetlands Board to assist them in making a recommendation on this assessment. It may be useful to members of the general public interested in this assessment.

Existing Site Data & Information

Applicant: Kevin S. Rose, Federal Highway Administration

Land Owner: National Park Service, Colonial National Historical Park

Location: College Creek Bridge, Colonial Parkway

Parcel: P.O. Box 210, Yorktown, Virginia

Parcel Identification: 5610100001

Lot Size: 2,387 acres

Watershed: James River (HUC JL-33)

Proposed Activity: The placement of approximately 440 cubic yards of rip rap at the northeastern abutment of College Creek Bridge.

Proposed Impacts

Vegetated Wetlands: Not Impacted

Non-Vegetated Wetlands: 165 square feet

Brief Summary and Description of Activities

Kevin Rose, on behalf of the Federal Highway Administration, has applied for a Wetlands Permit to repair the embankment and place additional riprap at the northeastern abutment of the College Creek bridge due to damage that occurred during Hurricane Irene in 2011. This will help protect the bridge abutment from future erosion and scour. Riprap will only be placed where necessary to protect the bridge abutments from scour and reduce sedimentation into the waterway.

The property is located within the Colonial National Historical Park, at milepost 16.04. The property is further identified as JCC Parcel Number 5610100001. A site visit was conducted on January 30, 2013 by staff to evaluate both the potential scope of the project and the existing conditions on-site.

The property, and specifically the proposed work area, is situated in a north westerly facing direction and lies along the James River in James City County. The existing shoreline is currently partially stabilized with rip rap

along the eastern portion of the proposed shoreline repairs while the western end exhibits substantial erosion from Hurricane Irene in 2011. Mean low water varies at distance to the shoreline of one to three feet depending on the location. Mean high water falls entirely along the shoreline. The upland areas consist of a dense wooded area.

The project design proposes to install approximately 2,137 square feet of Class V rip rap over type IV geotextile fabric. Approximately 165 square feet of non-vegetated wetlands will be impacted. Prior to placement of the rip rap, the associated slopes that were degraded during the hurricane would be reworked from the current grade to a 1.5H: 1V slope to accommodate the geotextile fabric and rip rap placement. Access to the work area will be provided through the adjacent upland area. Due to the current conditions on-site, there will be minimal clearing and grading required to install the construction entrance as shown on the proposed plan. The applicant has also proposed to install erosion and sediment control measures for the duration of construction to prevent sediment run-off into the adjacent waterway.

Staff Recommendations

The Joint Permit Application includes repairing six bridge abutments (College Creek bridge, Mill Creek bridge, and isthmus bridge) as well as the new shoreline repair. The six bridge abutments are considered maintenance as no new wetland impacts will be realized. The issue before the Board is the installation of the additional riprap for the shoreline repair. Staff has fully reviewed the application and permit request and has determined that the conditions outlined in Section 22-4 (b) have been met.

1. Prior to any land disturbing activities, a preconstruction meeting will be held on-site.
2. All other Federal, State, and Local permits required for this project shall be obtained prior to commencing work. Evidence of the securing of these permits must be provided prior to the pre-construction meeting.
3. No woody vegetation shall be removed as part of this project outside of the scope unless approved by the Engineering and Resource Protection Division.
4. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, including a turbidity curtain, for this project if field conditions warrant their use.
5. The limits of work shall be flagged in the field prior to the pre-construction meeting.
6. The wetlands permit for this project shall expire on March 13, 2014. If an extension of the permit is needed, a written request shall be submitted to the Environmental Division no later than two weeks prior to the expiration date.

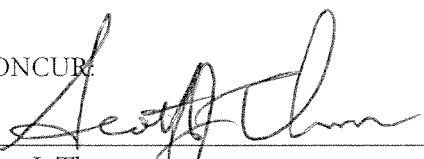
Consideration by the Wetlands Board

The exception granting body is permitted to require reasonable and appropriate conditions in granting the exception request in accordance with Section 22-8 of the County's Wetlands ordinance. The Wetlands Board is to fully consider Wetlands Permit Application W-12-13 as outlined and presented above and review the request for permitting. The Board may grant the permit with such conditions and safeguards as deemed necessary to further the purpose and intent of the County's Chapter 22 Wetlands Ordinance. Resolutions for granting approval or granting denial of Wetlands Permit Application W-12-13 are included for the Board's use and decision.

Staff Report prepared by:



Michael D. Woolson
Senior Watershed Planner

CONCUR:


Scott J. Thomas
Director

Attachments: Wetlands Permit Application Package