

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
Fifth Coast Guard District

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16593
26 SEP 2014

PUBLIC NOTICE 5-1348

TO WHOM IT MAY CONCERN:

All interested parties are notified that the Commander, Fifth Coast Guard District has received a proposal from McCormick and Taylor Inc., on behalf of CSX Transportation Inc. (CSXT), on the construction of a third parallel track across navigable waters of the United States.

WATERWAY AND LOCATION: Chopawamsic Creek, 0.2 miles up-stream in Prince William County, and Widewater Creek, 0.1 miles up-stream in Stafford County, VA. Nautical Chart # 12288.

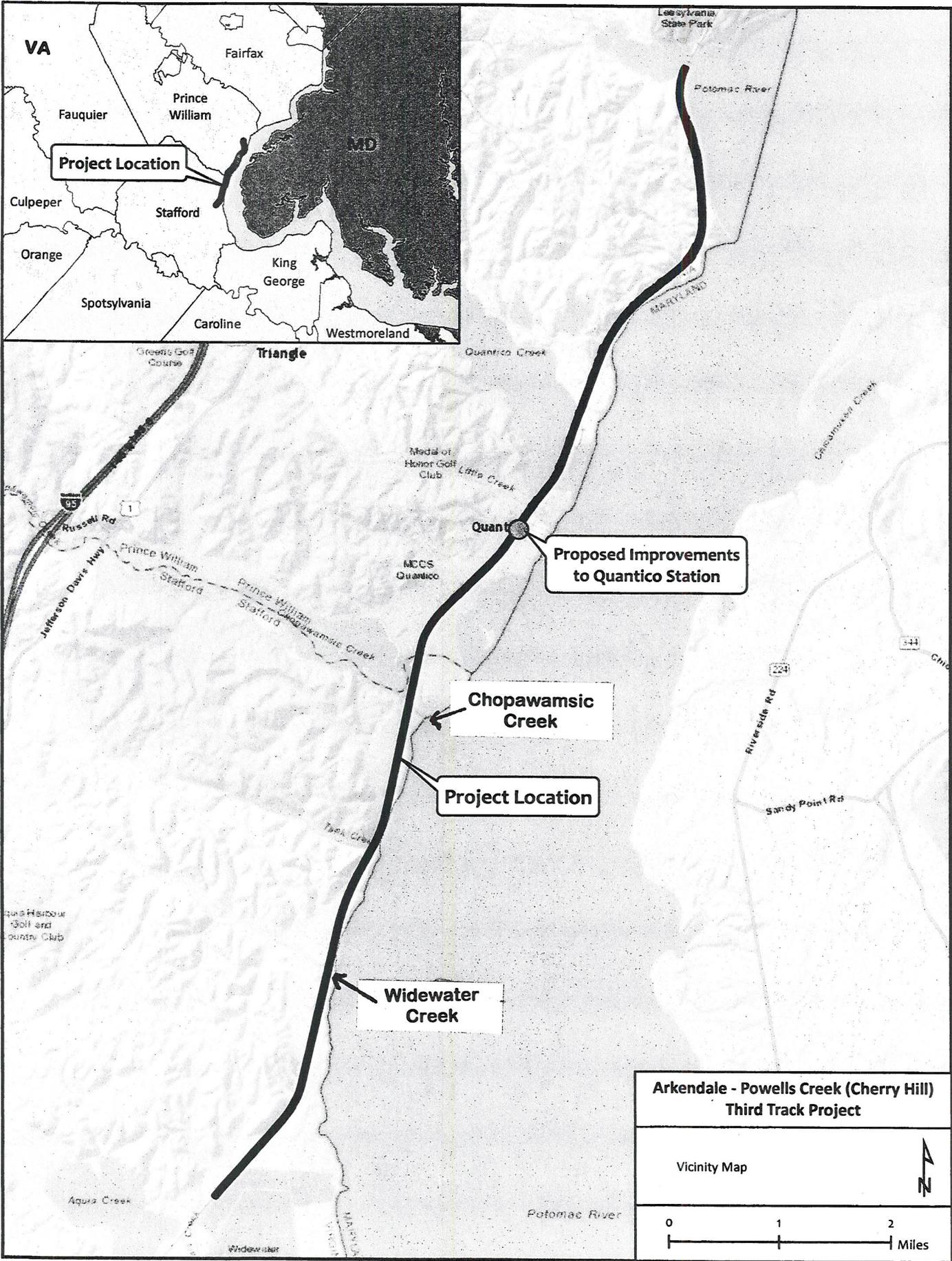
CHARACTER OF WORK: CSXT is proposing the construction of new bridges to carry the proposed third track over Chopawamsic Creek and Widewater Creek. The new bridges will be constructed next to and parallel with the existing structures, which will not be modified as part of this project. The proposed structure over Chopawamsic Creek will provide a vertical clearance of 8.6 feet above mean high water (MHW) along with a proposed horizontal clearance of 10 feet; and the proposed structure over Widewater Creek will provide a vertical clearance of 6.3 feet above MHW along with a proposed horizontal clearance of 7 feet.

SOLICITATION OF COMMENTS: Interested parties are requested to express their views in writing, on the proposed construction of the new bridges giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. Comments will be addressed for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through 25 OCT 2014.

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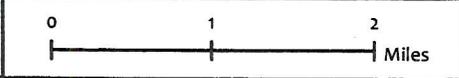
WAVERLY W. GREGORY, JR.
Bridge Program Manager
By direction of the Commander
Fifth Coast Guard District

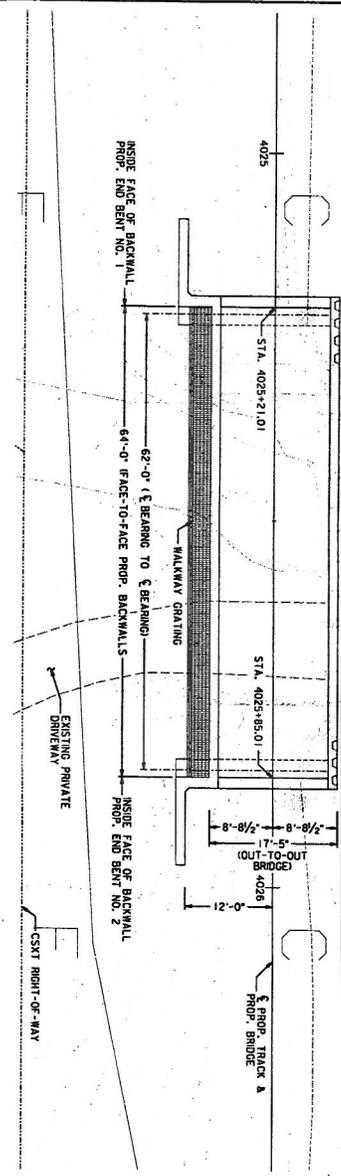
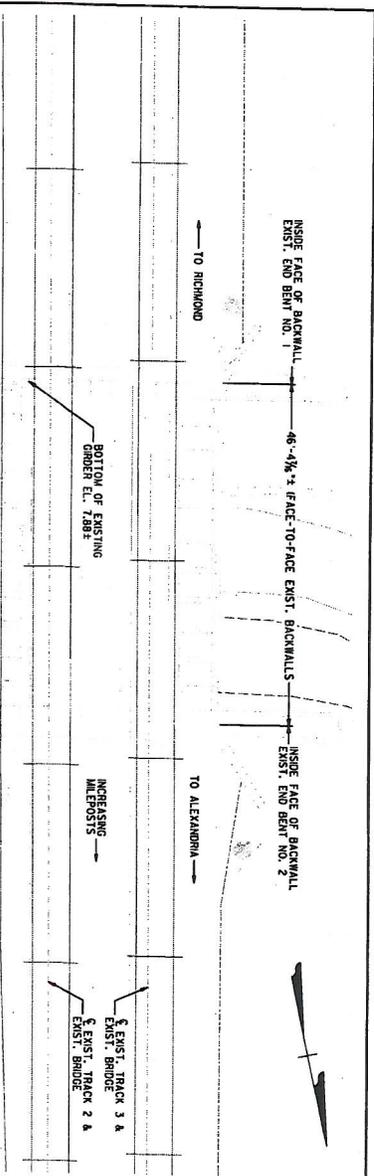
This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



**Arkendale - Powells Creek (Cherry Hill)
Third Track Project**

Vicinity Map





GENERAL NOTES:

- CONSTRUCTION SPECIFICATIONS:
- VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS, 2007 INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, DESIGN SPECIFICATIONS;
- AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION (AREMA) MANUAL FOR RAILWAY ENGINEERING, 2014.
- CSX TRANSPORTATION CRITERIA FOR BALLAST DECK RAILROAD BRIDGES DATED OCTOBER 1, 1998.
- DESIGN LOADS:
- COOPER E80 OR ALTERNATE LIVE LOAD WITH IMPACT PERCENTAGE FOR ROLLING EQUIPMENT WITHOUT RAMMER BLOW.
- MATERIALS:
- STRUCTURAL STEEL:
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A709, GRADE 50. THE THICKNESS SHALL BE 7/8" FOR CONNECTIONS. STEEL MATERIALS SHALL BE SHARP CORNERS AND BENDS. ANY STEEL MATERIAL EXHIBITING SIGN DEFICIENCIES SHALL BE CAUSE FOR REJECTION OF THE MATERIAL. STRAIGHTENING OF THE MATERIAL SHALL NOT BE ACCEPTABLE.
- CONCRETE:
- CONCRETE IN SUBSTRUCTURE INCLUDING CONCRETE IN STEEL PILES SHALL BE CLASS A4 HAVING A MINIMUM COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS EQUAL TO 4,000 PSI.
- ALL REINFORCING STEEL SHALL BE DEFORMED BARS OF NEW BILLET-STEEL CONFORMING TO ASTM A615, GRADE 60.
- VERTICAL DATUM ELEVATIONS ARE BASED ON NAVD 88.

PLAN

ELEVATION

PROJECT	CSXT BRIDGE AT M.P. CFP 74.4
CLIENT	CSX TRANSPORTATION
LOCATION	ARSENDALE TO POWELLS CREEK, VIRGINIA
DATE	10/10/2014
SCALE	1/4" = 1'-0"
SHEET NO.	X OF X

CSX ENGINEERING DEPARTMENT
 DESIGN & CONSTRUCTION
 JACKSONVILLE, FLORIDA

ARSENDALE TO POWELLS CREEK
 THIRD TRACK

DRAFT
 WORK IN PROGRESS
 DO NOT USE FOR CONSTRUCTION

DRIVING NO. BR101

