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# Public Notice

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**US ARMY CORPS  
OF ENGINEERS  
St. Louis District  
Gateway to Excellence**

**Reply To:  
U.S. Army Corps of Engineers  
Attn: CEMVS-OD-F  
1222 Spruce Street  
St. Louis, Missouri 63103-2833**

**Public Notice No.  
P-2776  
Public Notice Date  
August 18, 2016  
Expiration Date  
September 8, 2016**

**Postmaster Please Post Conspicuously Until:**

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File Number: MVS-2010-647

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached maps.

**COMMENTS AND ADDITIONAL INFORMATION:** Comments on the described work should reference the U.S. Army Corps of Engineers File Number shown above and must reach this office no later than the above expiration date of the Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers  
Regulatory Branch  
1222 Spruce Street  
St. Louis, Missouri 63103-2833  
ATTN: Samantha Hollenberg

**APPLICANT:** City of Frontenac, Mr. Jeff Wappelhorst, 10555 Clayton Road, St. Louis, Missouri 63131

**AGENT:** EDM Incorporated, Mr. Leonard Madalon, 220 Mansion House Center, St. Louis, Missouri, 63129

**LOCATION:** The project area is generally located 820 feet east of the intersection of Spoeede road and Glen Abbey Drive, in the City of Frontenac, Missouri. The project occurs in Section 13, Township 45 North, Range 5 East, St. Louis County. The approximate geographic coordinates of the upstream and downstream terminations of the project corridor within an unnamed tributary to Deer Creek (locally known as Monsanto Sunswept Creek) are 38.646201° North, -90.412282° West and 38.645307° North, -90.412649° West. Deer Creek is a secondary tributary to the Mississippi River.

**PROJECT DESCRIPTION:** The applicant, The City of Frontenac, seeks a modification and time extension to a previously authorized storm water project to increase capacity within an unnamed tributary to Deer Creek in order to reduce residential flooding of residences. The proposed project extends channel modification activities for an additional 340 linear feet immediately upstream of the previously authorized and completed standard permit. The original permit included a 500 linear foot modification in the unnamed tributary and 100 linear foot bank stabilization in Deer Creek. The proposed channel modifications should decrease the existing 15 year flooding depth at 21 Glen Abbey by 0.23 feet (2.76 inches).

The project includes the replacement of the existing culvert supporting the Glen Abbey Drive road crossing with a Conspan structure and wingwalls. Additional activities upstream and downstream of Glen Abbey Drive include the reconstruction of the channel, widening it from 15 feet width to 28 feet width, and constructions of a new variable width normal-flow channel consisting of a 12" thick layer of 4 to 6" river run cobble mixed with existing materials. The plans include placing a rock toe along both banks throughout the project length and a 40 linear foot riffle will be incorporated into the reconstructed channel. The right descending bank riparian will not be disturbed and the left descending bank will be excavated and relocated to the east. The upstream segment of the channel will be back sloped to 2:1 grade and live staking planted at the top of the bank. To minimize the loss of the adjacent properties yard space, the project also includes a limestone block retaining wall with tree plantings placed for 140 linear feet. Turf reinforcement mats with native grasses will be installed along the disturbed banks to for stabilization and aesthetic restoration.

Currently, there are no mitigation requirements or formal mitigation proposals associated with the project, since the project includes bio-stabilization methods and channel restoration with no permanent loss of stream channel. Restoration components for aquatic habitat and stream function in-stream riffles, low-flow meanders and bank revegetation. For similar reasons, the District waived mitigation for the original downstream impacts (500 linear feet to the unnamed tributary and 100 linear feet to Deer Creek) authorized in 2011. The Applicant did submit a detailed Analysis of Alternatives for the project. The Analysis of Alternatives describes the avoidance and minimization measures considered for the project, as well as economic, environmental, engineering, and civic justifications for the proposed impacts. The District will also consider comments submitted by interested parties regarding mitigation requirements.

**LOCATION MAPS AND DRAWINGS:** See attached. In addition, the project plans may be viewed in color and in more detail by visiting the Public Notice section of our website at <http://www.mvs.usace.army.mil/ConOps/permits/pn.htm>

**ADDITIONAL INFORMATION:** Additional information may be obtained by contacting Samantha Hollenberg, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8186. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to [Samantha.L.Hollenberg@usace.army.mil](mailto:Samantha.L.Hollenberg@usace.army.mil).

**AUTHORITY:** This permit will be processed under Section 404 of the Clean Water Act (33 U.S.C. 1344).

**WATER QUALITY CERTIFICATION:** The project plans have been submitted to the Missouri Department of Natural Resources, Water Protection Program for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification is requested as of the date of this Public Notice, and if issued, will express the Agency's opinion that the proposed activities will not violate applicable water quality standards. Written comments concerning possible impacts to waters of Missouri should be addressed to: Water Protection Program, Post Office Box 176, Jefferson City, Missouri 65102-0176, with a copy provided to the Corps of Engineers.

**SECTION 404 (b)(1) EVALUATION:** The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404 (b)(1) of the Clean Water Act.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the applicant's proposal. Any request for a public hearing shall state, with particularity, the reason for the hearing, and must be based on issues that

would warrant additional public review.

**ENDANGERED SPECIES:** A preliminary determination, in compliance with the Endangered Species Act, as amended, has been made that the work that is proposed work MAY affect potential summer habitat for the endangered Indiana bat (*Myotis sodalis*) and the Northern Long-eared bat (*Myotis septentrionalis*). The Corps has initiated informal consultation with the United States Department of Interior, Fish and Wildlife Service, providing site habitat assessment and documentation for their concurrence. In order to complete our evaluation, comments are solicited from the Fish and Wildlife Service and other interested agencies and individuals through this Public Notice.

**CULTURAL RESOURCES:** The St. Louis District will evaluate information provided by the State Historic Preservation Officer (SHPO) and the public in response to this public notice. Based upon the comments received concerning the potential for cultural resources within the project site, the District may require a reconnaissance survey of the project area or additional cultural resources preservation measures in compliance with Section 106 of the National Historic Preservation Act.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the activity described, will be considered including the cumulative effects. Among factors considered are: conservation; economics; aesthetics; general environmental concerns; wetlands; historic properties; fish and wildlife values; flood hazards; flood plain values; land use; navigation; shoreline erosion and accretion; recreation; water supply and conservation; water quality; energy needs; safety; food and fiber production; mineral needs; consideration of property ownership; and in general the needs and welfare of the people.

**SOLICITATION OF COMMENTS:** The U.S. Army Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of the proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

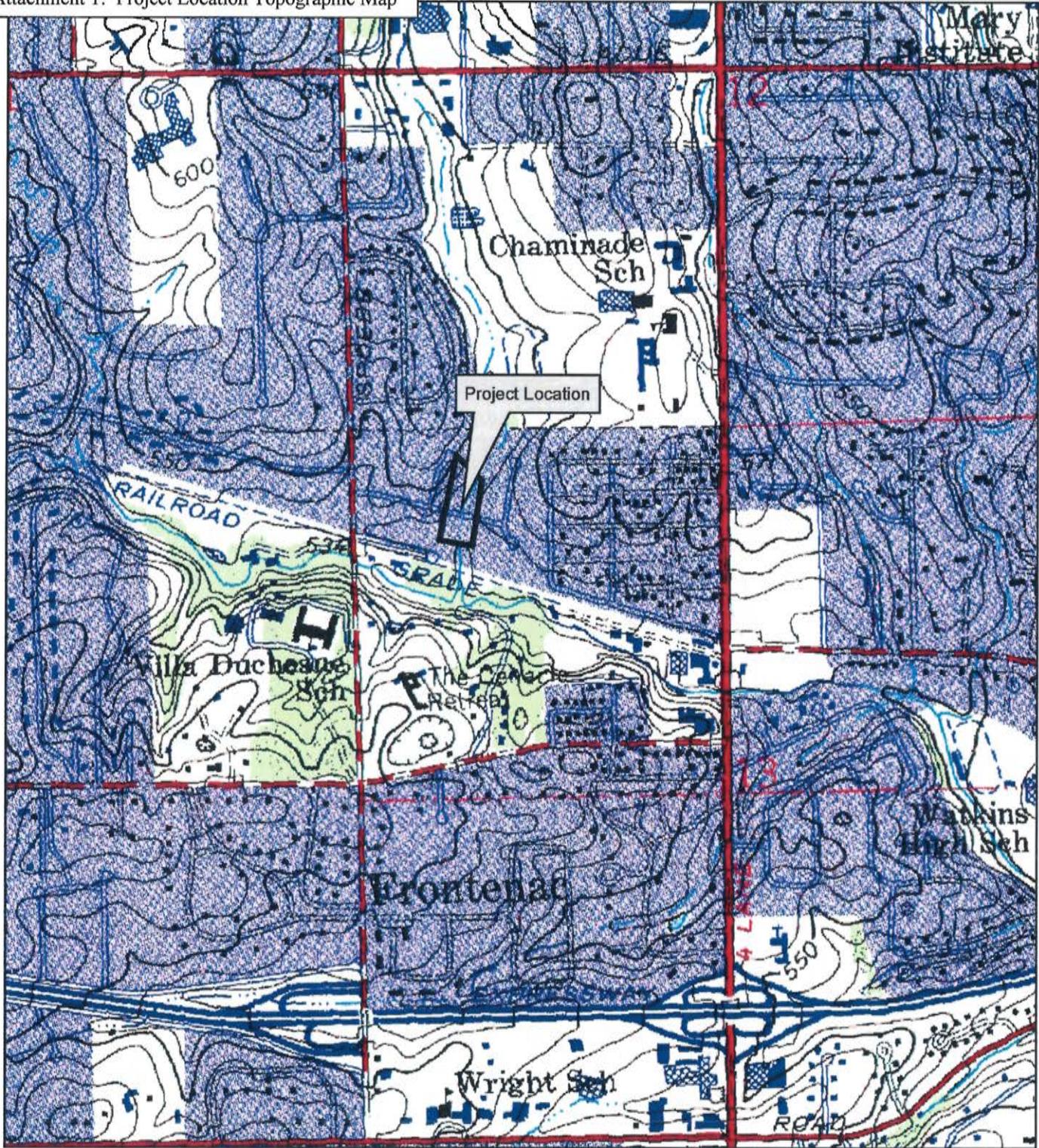
  
DANNY D. MCCLENDON  
Chief, Regulatory Branch

Attachments

**NOTICE TO POSTMASTERS:**

It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this notice.

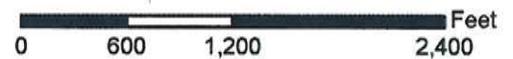
Attachment 1: Project Location Topographic Map



**MVS-2010-647 / P-2776**  
**Oak Gate Crossing Bank Stabilization**  
**Frontenac, St. Louis County, Missouri**



**US Army Corps  
of Engineers**  
St Louis District





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