



Public Notice

**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-2840

Public Notice Date

January 15, 2013

Expiration Date

February 5, 2013

Postmaster Please Post Conspicuously Until:

File Number: MVS-2011-401

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: David Meyer

APPLICANT: City of St. Charles, Missouri, Attention: Mr. Kevin Corwin, 200 N. Second Street, St. Charles, Missouri.

LOCATION: The project area is in the City of St. Charles, Missouri, within Cole Creek and an unnamed tributary from the Droste Road culvert to near the end of Cole Boulevard. The project is located in Section 26, Township 47 North, Range 4 East, St. Charles County, Missouri.

PROJECT DESCRIPTION: The applicant seeks authorization to conduct grading and filling operations in waters of the United States to stabilize eroding stream banks in an urbanized area. Due to historic channelization and manipulation of the stream, the area has experienced continued erosion and bank instability that impacts private residential properties, contributes to public safety concerns, and threatens to impact an existing sanitary sewer line.

The proposed project is known as *Cole Creek Stabilization (Droste to Ruth)* and is planned to impact Cole Creek and the mouth of an unnamed tributary. The unnamed tributary discharges to Cole Creek through an approximate 10-foot wide concrete headwall and is piped within the project area. Cole Creek is a perennial tributary to Dardenne Creek, a primary tributary to the Mississippi River. The

Creek is a perennial tributary to Dardenne Creek, a primary tributary to the Mississippi River. The tributary is approximately 8-25 feet wide at this location and has banks that range from 5-15 feet high. The substrate of the tributary is mostly composed of cobble, sediment, gravel, and sand is present throughout.

Project impacts include the stabilization of eroding creek banks and enhancement of the stream aquatic habitat by installing rock toe protection, riffle pool complexes, low flow channels, and extensive native vegetation plantings. Previously installed hard-armor stabilization structures are proposed to be removed and in order to restore conveyance through the reach, the channel will be widened by 10 feet and a bankfull shelf will be created or re-shaped depending on the amount and condition of existing materials. Also, an existing aerial sanitary crossing will be replaced with a buried crossing and an existing culvert at Droste Road will be lengthened by 12 feet in the downstream direction. Approximately 1,800 linear feet of stream is proposed to be impacted by the project.

The applicant's agent, M3 Engineering Group, PC has researched alternatives and has attempted to minimize impacts to Cole Creek and the unnamed tributary. However, the agent has stated that the proposed impacts are necessary to correct and mitigate existing stream and bank deficiencies. Additionally, the urban environment of the project location restricts the possible stabilization techniques. The recommended alternative results in the least amount of stream impact and provides the most natural stabilization solutions.

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 David P. Meyer, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8579. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to David.P.Meyer@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 would not affect species designated as threatened or endangered, or adversely affect critical habitat. Therefore, no formal consultation request has been made to the United States Department of Interior, Fish and Wildlife Service. 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 and the public in response to this public notice and we may require a reconnaissance survey of the project area.

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.



Cole Creek Stabilization (Droste to Ruth St.)

Project Location Map - MVS-2011-401

St. Charles, St. Charles County, Missouri



US Army Corps
of Engineers®
St Louis District




Feet
0 750 1,500 3,000

DROSTF RD.

COLE BLVD.

RUTH DR.


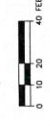


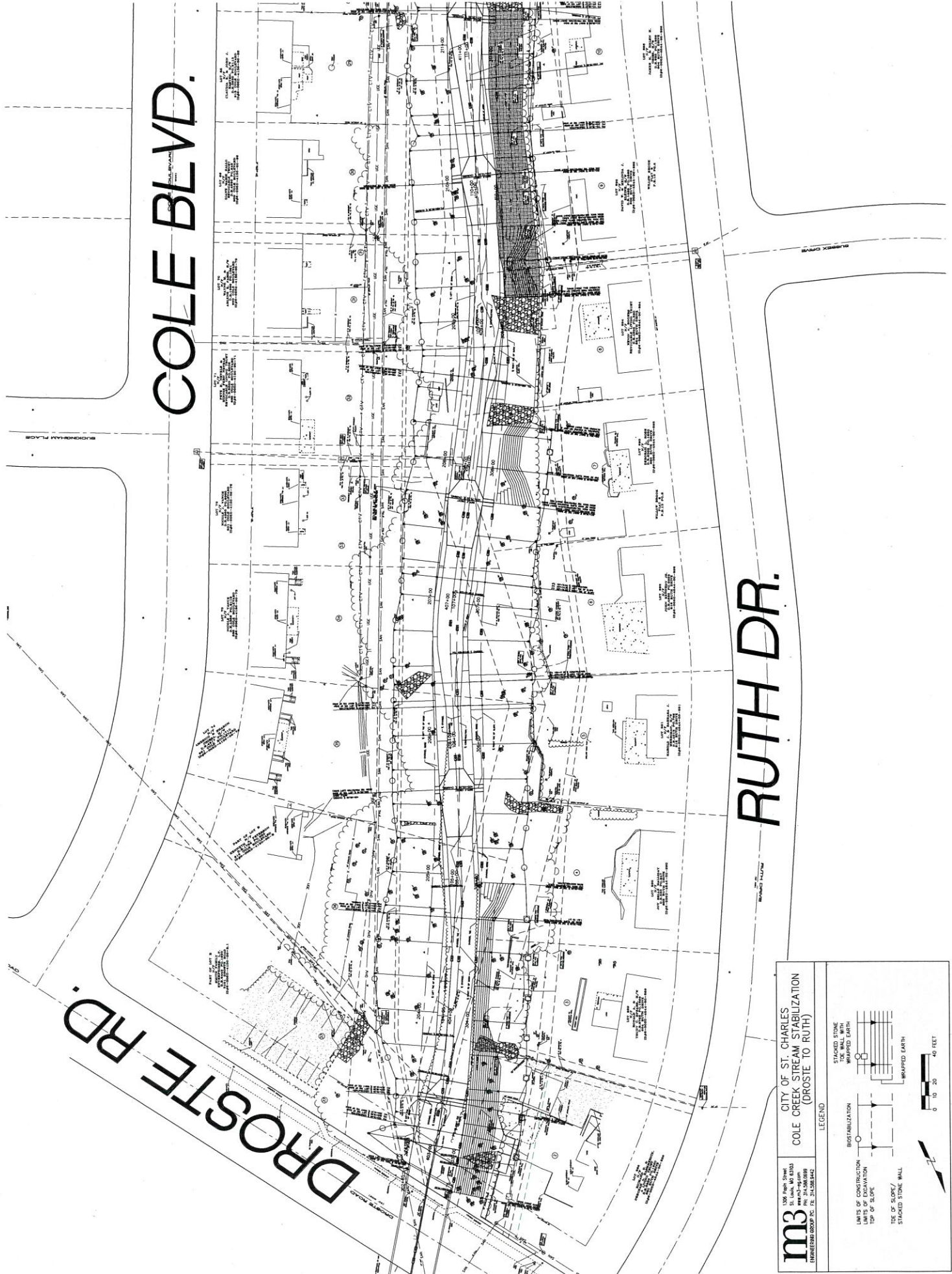
1000 High Street
St. Charles, MO 63303
www.m3-engineering.com
PH: 314.586.8800
FAX: 314.586.8804

CITY OF ST. CHARLES
COLE CREEK STREAM STABILIZATION
(DROSTF TO RUTH)

LEGEND

<p>LIMITS OF CONSTRUCTION TOP OF CONSTRUCTION TOP OF EXISTING TOP OF SLOPE</p>	<p>BIOSTABILIZATION TOP OF SLOPE TOP OF SLOPE/ STACKED STONE WALL</p>	<p>STACKED STONE TOP WALL WITH WRAPPED EARTH</p>	<p>WRAPPED EARTH</p>
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COLE BLVD.

RUTH DR.

m3

1000 Peach Street
St. Louis, MO 63103
Phone: 314.586.0099
FAX: 314.586.0442

CITY OF ST. CHARLES
COLE CREEK STREAM STABILIZATION
(DROSIE TO RUTH)

LEGEND

LIMITS OF CONSTRUCTION
LIMITS OF EXCAVATION
TOP OF SLOPE

BIORETENTION

STACKED STONE
TYPICAL WALL WITH
WRAPPED EARTH

TYPICAL SLOPE
STACKED STONE WALL

WRAPPED EARTH



0 10 20 40 FEET

