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-2672
Public Notice Date
April 17, 2008
Expiration Date
May 8, 2008

Postmaster Please Post Conspicuously Until:

File Number: 2008-67

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in a water 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: Shawn Sullivan

APPLICANT: Metropolitan St. Louis Sewer District, Attn: Mr. Patrick Kernan, 2350 Market Street, St. Louis, Missouri 63103-2555 (314) 768-6310.

AGENT: Reitz & Jens, Inc., Attn: Mr. Eric Karch, 1055 Corporate Square Dr., St. Louis, Missouri 63132. (314) 993-4132.

LOCATION: The project is located approximately 600 feet northwest of the intersection of Tesshire Drive and Gravois Creek in the City of St. Louis, Missouri. More specifically, the site is located in Section 21, Township 44 North, Range 06 East, City of St. Louis, St. Louis County, Missouri.

PROJECT DESCRIPTION: The applicant seeks authorization to discharge fill material below the ordinary high water mark of Sappington Creek for purposes of stabilizing eroding reaches of the creek bank. The proposed project was identified as part of the Metropolitan St. Louis Sewer District's (MSD) comprehensive watershed study of Sappington and Musick Creeks both completed in 2007. The result of the study indicated that most of the Sappington Creek channel is globally stable, with the exception of some lower channel reaches. A subsequent study identified that a reach of Sappington Creek from its confluence with Gravois Creek and extending 800 linear feet upstream is experiencing active erosion and bank instability. The result of the stream bank erosion and channel instability is a potential threat to MSD infrastructure (storm drains, sanitary sewers, and a pump

station), homes along Kamping Lane, and rear yards on Meath Drive.

The identified channel reach is proposed to be impacted by stabilizing approximately 400 linear feet of right descending bank and 430 linear feet of left descending bank. Approximately 130 linear feet of overlap in bank stabilization will occur where the left and right descending banks will be stabilized, resulting in a total of 700 linear feet of channel work. Two different bank stabilization activities are proposed along various channel reaches. The first treatment consists of a rock wedge that has been designed to stabilize a 20 feet tall bank slide that is threatening residential homes. The second treatment is a heavy stone revetment that will protect the MSD infrastructure from stream flows. Once grading is completed and to the extent possible, the area above the rock wedge will be biostabilized with a variety of native plants to enhance the stream channel. The area above the heavy stone revetment will be replanted with trees. The replanting is proposed as full mitigation for the removal of approximately 15 existing trees within the construction limits to accomplish the instream work. An alternatives analysis has been submitted by the applicant's agent to demonstrate why the project as proposed is the least environmentally damaging practicable alternative.

LOCATION MAPS AND DRAWINGS: See attached.

ADDITIONAL INFORMATION: Additional information may be obtained by contacting Shawn Sullivan, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8580. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to shawn.f.sullivan@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.

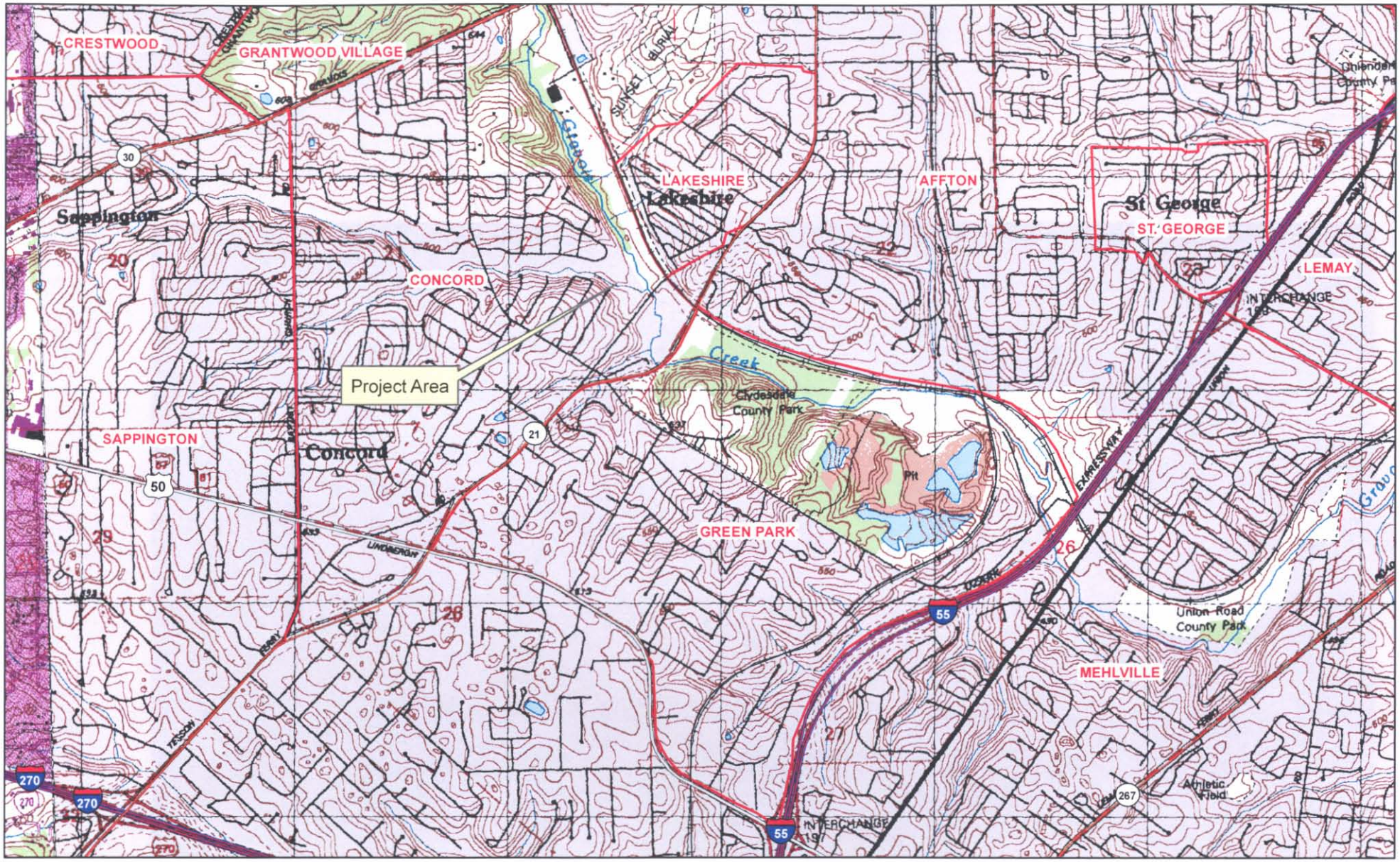
Danny D. McClendon

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.



Sappington Creek Channel Improvements

Project Location Map - MVS-2008-67

St. Louis, Missouri

Legend

- State Hwy
- US Hwy
- Interstate

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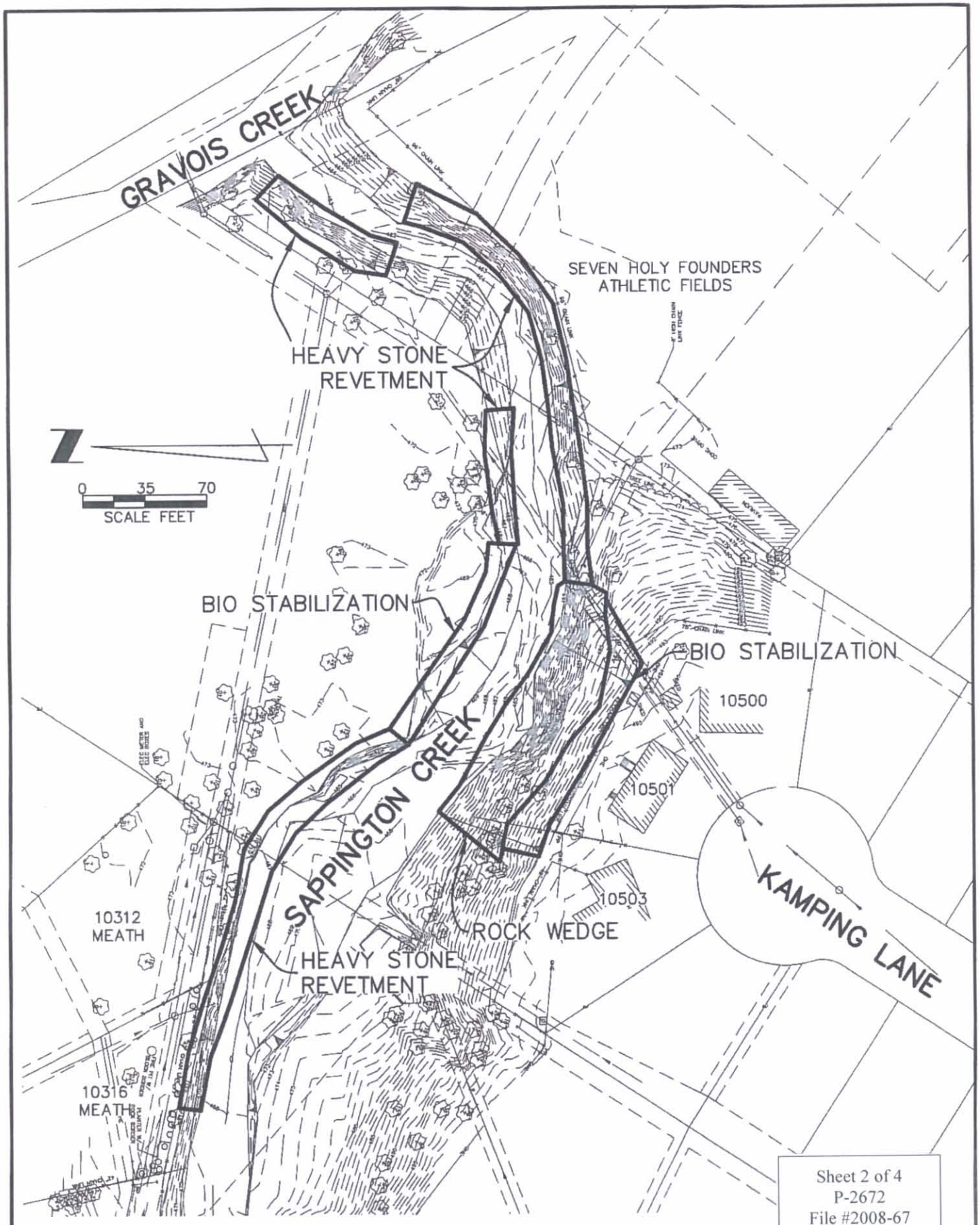
N

0 1,350 2,700 5,400 Feet

US Army Corps of Engineers ®
St Louis District



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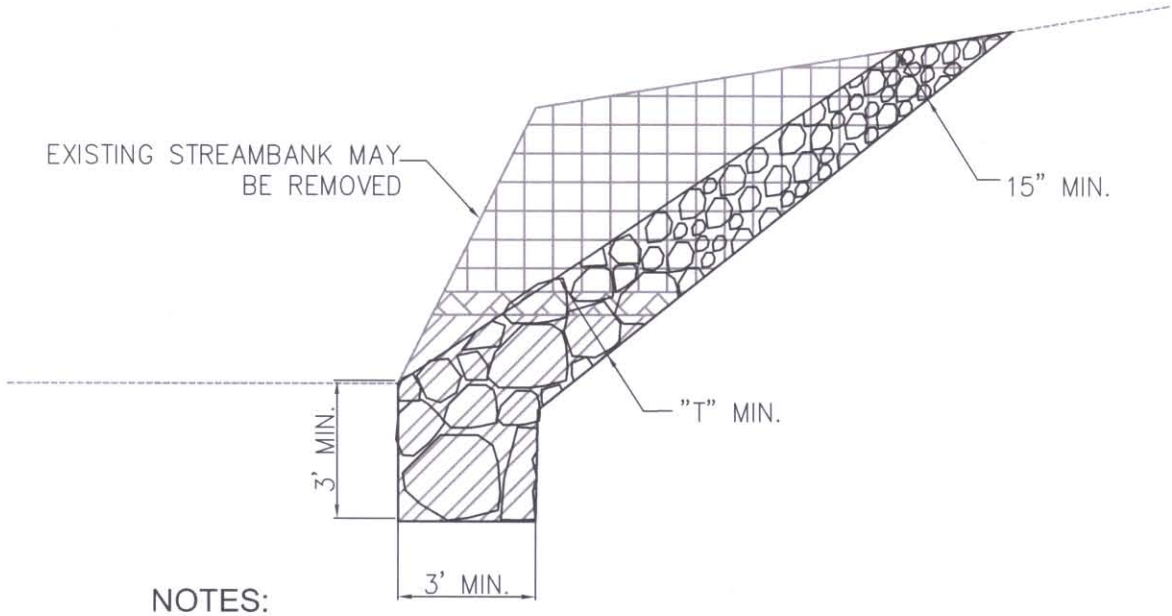
SAPPINGTON CREEK AT KAMPING LANE
STORM CHANNEL IMPROVEMENTS

REITZ & JENS, INC.
CONSULTING ENGINEERS
1055 Corporate Square Drive
St. Louis, Missouri 63132



NOTES:

1. STONE SHAPE SHALL BE BLOCKY WITH SHARP CLEAN EDGES, PLACED ON BEDDING & FILTER FABRIC.
2. CHANNEL SIDE SLOPE SHALL BE 1.5:1 MAX.
3. FOR ESTIMATING PURPOSES ASSUME AN AVERAGE THICKNESS OF 18" FOR RIP RAP.
4. PLACE WELL GRADED STONES HAVING A MAXIMUM DIAMETER AS REQUIRED FOR EROSION STABILITY
5. "T" MIN. = 1.5 MAXIMUM DIAMETER OF STONE

HEAVY STONE REVETMENT N.T.S.

HEAVY STONE REVETMENT

GABION

CLEAN ROCK

SOIL BACKFILL

CLASS C EXCAVATION

CLASS B EXCAVATION

CLASS A EXCAVATION

LEGEND

TYPICAL BANK STABILIZATION DETAIL

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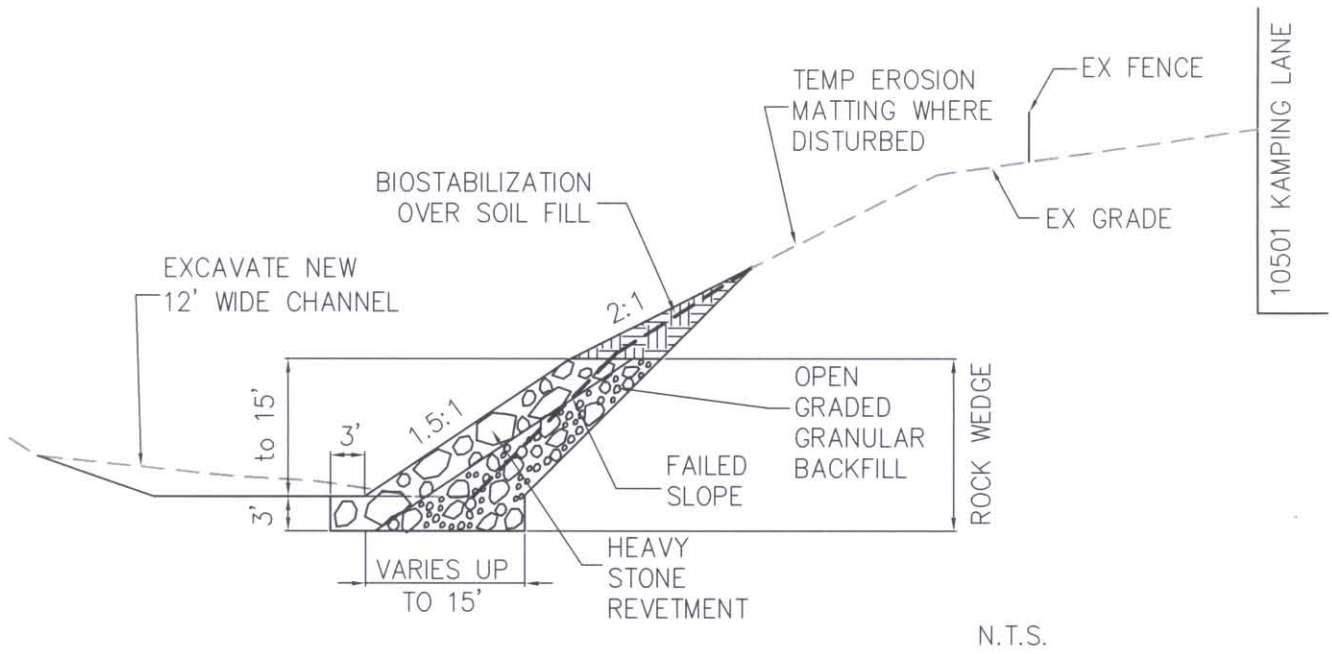
SAPPINGTON CREEK
10501 KAMPING/10312 MEATH
(2005043)
UNINCORPORATED
ST. LOUIS COUNTY
Base Map: 27K

BANK REPAIRS REPORT-HSR (PS)



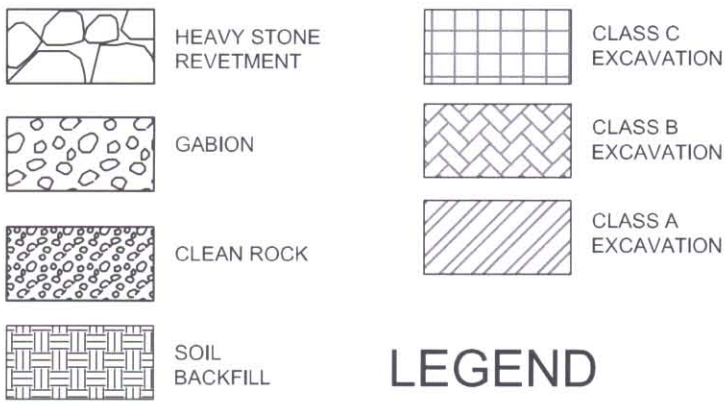
NOTES:

1. STONE SHAPE SHALL BE BLOCKY WITH SHARP CLEAN EDGES, PLACED ON BEDDING & FILTER FABRIC.

2. PLACE WELL GRADED STONES HAVING A MAXIMUM DIAMETER AS REQUIRED FOR EROSION STABILITY.

3. DIMENSIONS FOR ROCK WEDGE AS REQUIRED FROM SLOPE STABILITY ANALYSIS

ROCK WEDGE



LEGEND

TYPICAL BANK STABILIZATION DETAIL

BANK REPAIRS REPORT-ROCK WEDGE (PS)

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SAPPINGTON CREEK
10501 KAMPING/10312 MEATH
(2005043)
UNINCORPORATED
ST. LOUIS COUNTY
Base Map: 27K