



Public Notice

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

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

Public Notice No.

[P-2481](#)

Public Notice Date

[June 27, 2005](#)

Expiration Date

[July 18, 2005](#)

Postmaster Please Post Conspicuously Until:

File Number: 200503090

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. Michael Buechter, 2350 Market Street, St. Louis, Missouri 63103-2555 (314) 768-6272.

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

LOCATION: The project begins immediately upstream of Vorhof Drive but at the downstream end of a 45 foot wide vertical wall concrete channel that was completed in 2003 as part of the Hallstead Storm Channel Phase III. Black Jack Creek channel improvements are proposed to continue in a downstream direction and cease approximately 120 linear feet downstream of Hudson Drive. More specifically, the site is located in Section 5, Township 46 North, Range 7 East, near Dellwood, St. Louis County, Missouri.

PROJECT DESCRIPTION: The applicant seeks authorization to discharge fill material below the ordinary high water mark of Black Jack Creek by reconfiguring approximately 1,280 linear feet of the existing channel into a U-shaped concrete lined channel for a project known as Hallstead Storm Channel Phase IV. The proposed creek channel reconfiguration would match an existing 45 foot wide concrete lined channel located immediately upstream of the project. The proposed vertical walled channel would gradually increase from 45 feet wide to 59 feet wide at the downstream limits of

the project. At the upstream end of the project limits the channel walls are proposed to be 12 feet high and would gradually increase to 18 feet high in a downstream direction. The vertical concrete walls at the downstream terminus of the project would flare into the existing banks and into a new 120-foot long rip rap or gabion lined plunge pool. The plunge pool is designed to dissipate water velocities before the proposed concrete channel transitions back into a natural creek channel downstream of the project limits. All work would occur within an existing 80-foot wide drainage right-of-way and include improvements to existing storm sewer outfalls. The purpose of the project is to eliminate erosion within the project limits and improve conveyance to reduce potential for overbank flooding. As a result of the flood reduction, approximately 50 homes would no longer be located in the 15- or 100-year floodplain. A detailed alternatives analysis has been submitted by the applicant's agent. The applicant has also been informed that a detailed compensatory mitigation plan is required before a permit decision can be made.

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@mvs02.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.

Labels to cut and tape:

Sheet 1 of 4
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File #2005-03090

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03/22/05

LOCATION_MAP

Box 17



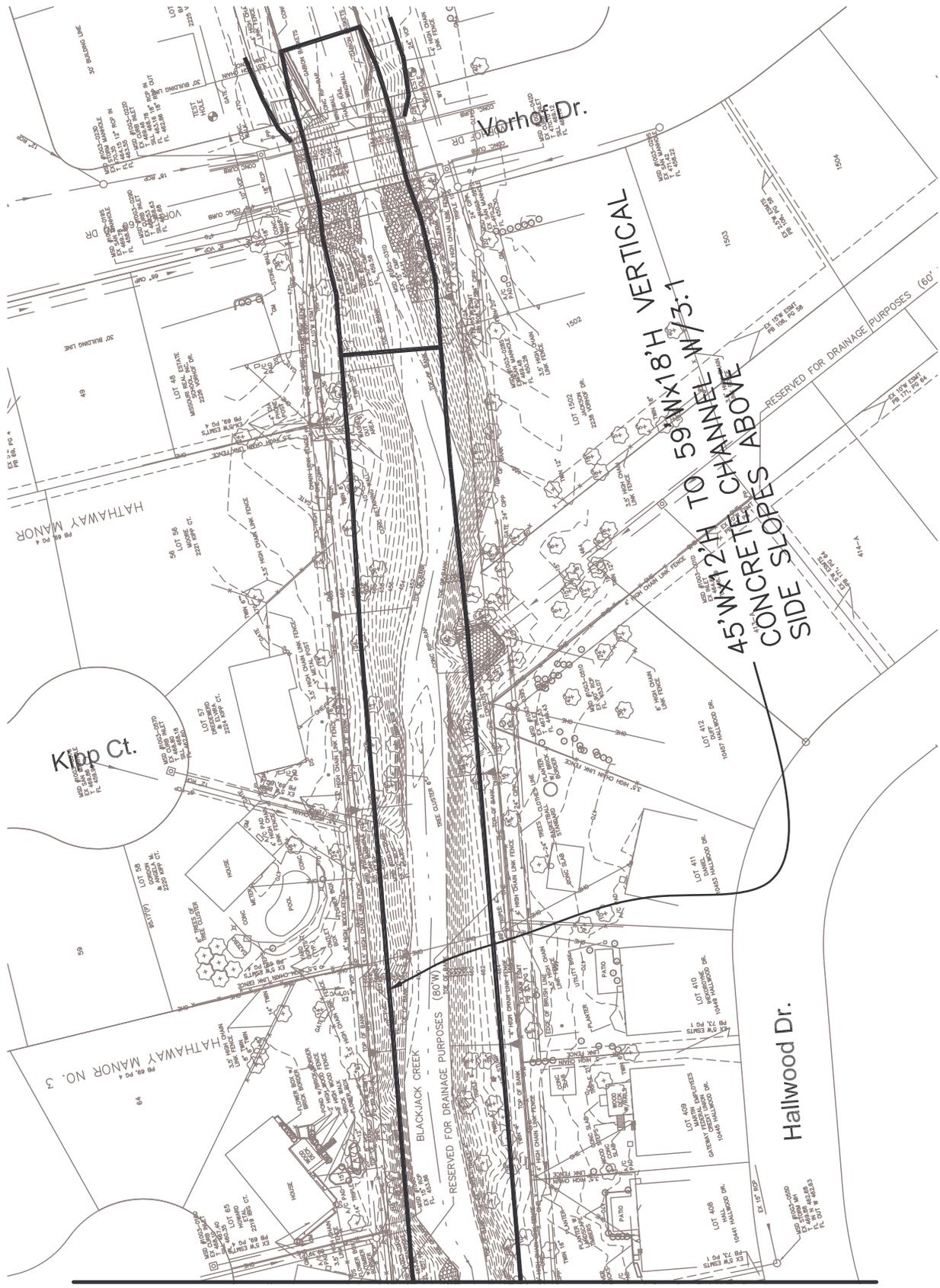
Not to Scale



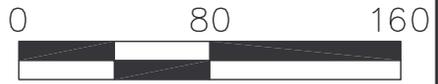
HALLSTEAD STORM CHANNEL PHASE IV - LOCATION MAP



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



Match Line

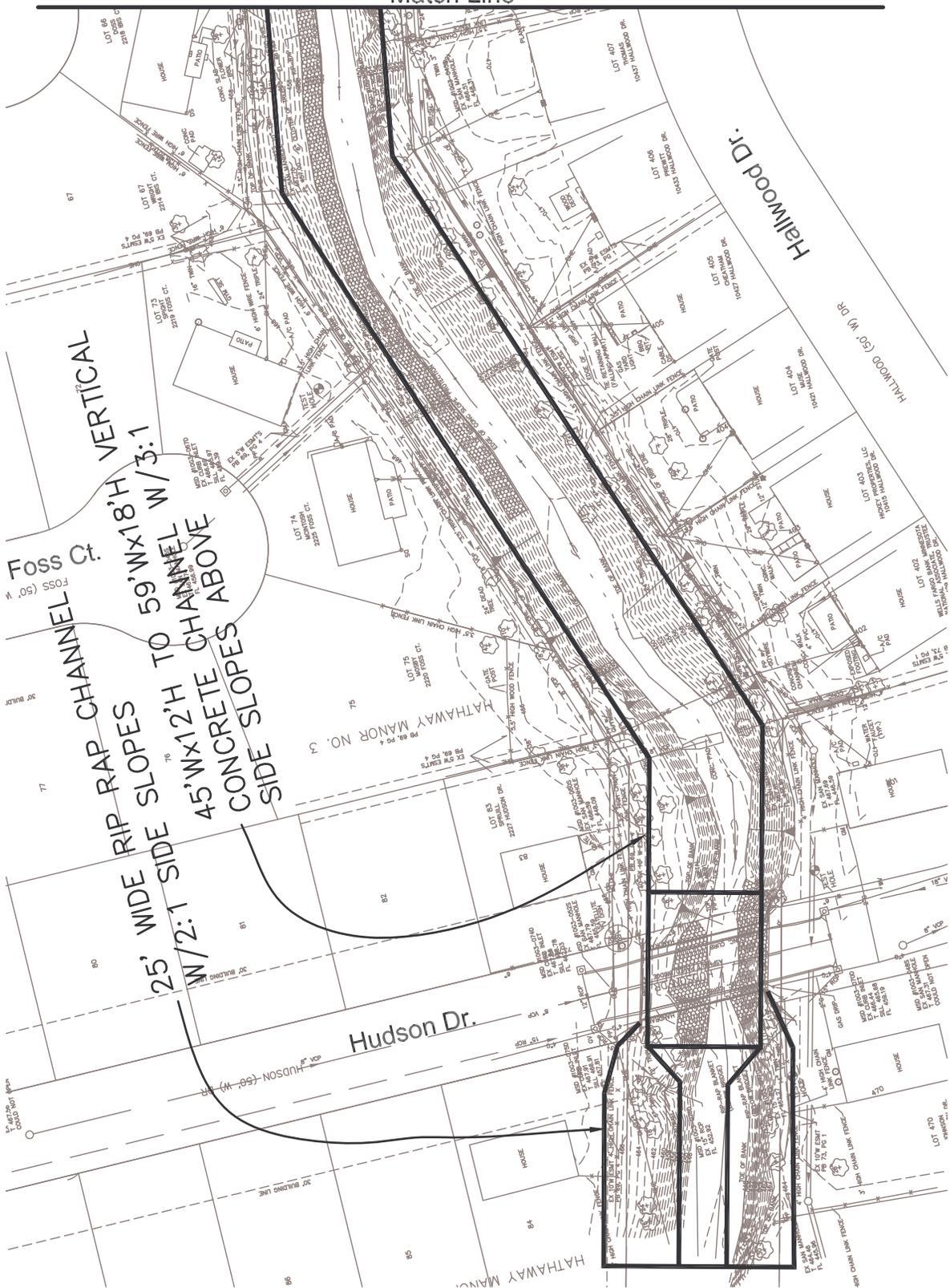


HALLSTEAD STORM CHANNEL PHASE IV - PLAN VIEW

FIGURE 2a

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

Match Line



Foss Ct.
Foss (50' W)

25' WIDE RIP RAP CHANNEL
W/3:1 VERTICAL
SLOPES

45' WIDE RIP RAP CHANNEL
W/3:1 VERTICAL
SLOPES

25' WIDE RIP RAP CHANNEL
W/2:1 SIDE SLOPES

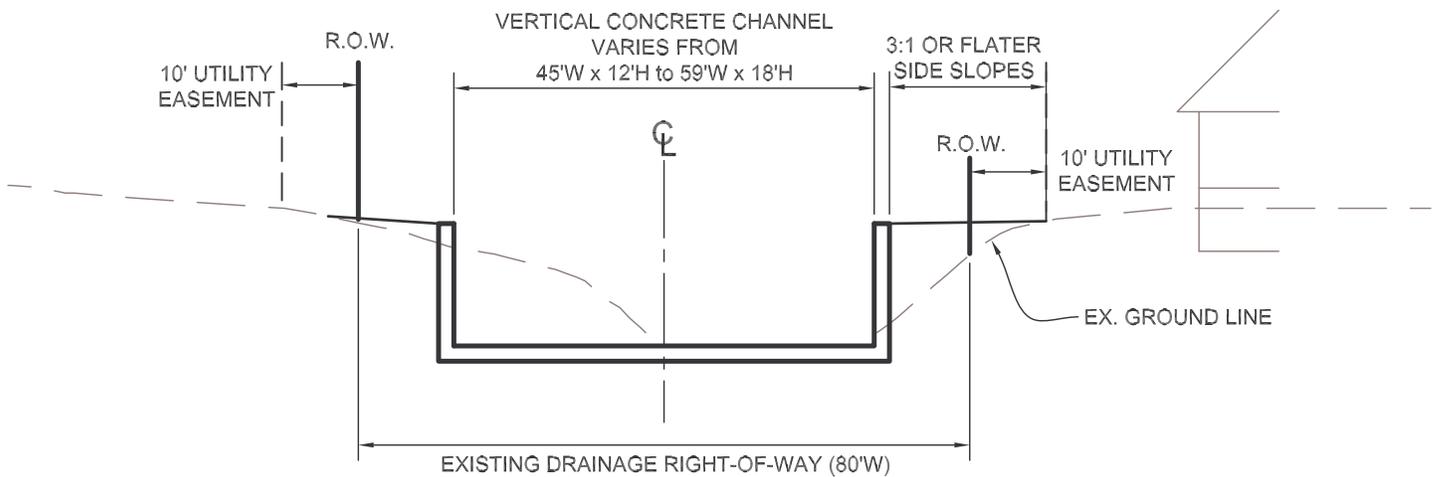
45' WIDE RIP RAP CHANNEL
W/2:1 SIDE SLOPES

CONCRETE CHANNEL
ABOVE
SIDE SLOPES

HALLSTEAD STORM CHANNEL PHASE IV - PLAN VIEW

FIGURE 2b

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



VERTICAL CONCRETE CHANNEL



HALLSTEAD STORM CHANNEL
PHASE IV - TYPICAL SECTION

FIGURE 1

