



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-2387
Public Notice Date
October 22, 2003

Expiration Date
November 12, 2003

Postmaster Please Post Conspicuously Until:

File Number: 2003-06380

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: Shawn Sullivan

APPLICANT: City of Rolla, 102 West 9th Street, P.O. Box 979, Rolla, Missouri 65402,
(573) 364-8659

AGENT: Joseph P. Wilson, Wilson Hydro Consulting Engineers and Hydrologists, LLC, 112 West Eighth Street, Rolla, Missouri 65401, 1-800-994-9487

LOCATION: The project area is located in the southeast ¼ of Section 13, Township 37 North, Range 8 West, in Rolla, Phelps County, Missouri.

PROJECT DESCRIPTION: The applicant seeks authorization to construct a collector status roadway that connects South Highway 63 and Highway 72 and will be known as Lion's Club Drive. Lion's Club Drive will consist of two travel lanes with turn lanes provided in practicable locations, curb and gutters, and a sidewalk system parallel to the new roadway. Failed attempts to negotiate right of way has resulted in a proposed roadway alignment that proposes impacts to waters of the US, namely Deible Branch, an unnamed tributary to Deible Branch, and Love Branch. These waters of the US are tributaries to the Meramec River. Deible Branch will be relocated in two separate channel reaches. Channel relocation reach 1 would result in filling approximately 700 lineal feet of existing channel and constructing a new channel of equal length adjacent to existing channel. Channel relocation reach 2 also proposes to fill approximately 630 lineal feet of existing channel but provide a new channel of equal length adjacent to the existing channel. The unnamed tributary to Deible Branch will be piped

to support a proposed Lion's Club Drive crossing and would result in approximately 70 lineal feet of impact. The pipe will discharge into Dieble Branch near the longitudinal center of channel relocation reach 1. A box culvert will also be placed within Love Branch to carry Lion's Club Drive over the tributary. The Love Branch box culvert will impact approximately 110 lineal feet of tributary channel and an additional 15 lineal feet of riprap blanket will extend downstream of the box culvert. The purpose of this project is to provide a nearly east to west thoroughfare through the southern portion of the Rolla City limits.

The applicant proposes to construct the new channel reaches to convey existing flows and mitigate for the loss of existing tributary channel. The relocated tributary reaches will be sized to mimic the geometry of the existing channel as closely as practical. Rock grade control structures will be used to maintain riffle-pool complexes and maintain both vertical and lateral stability. Native vegetation will be reestablished along both of the relocated channel reaches. The impacted portion of Love Branch and the unnamed tributary will be mitigated at a ratio 1:1 via riparian corridor enhancement along an undisturbed reach of Deible Branch.

LOCATION MAPS AND DRAWINGS: See Attached

ADDITIONAL INFORMATION: Additional information may be obtained by contacting Kathrine Kelley, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8813. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to kathrine.kelley@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 Pollution Control 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 Pollution Control 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

Attachment: Sheet No. 1 – Location Map
Attachment: Sheet No. 2 – Location Map
Attachment: Sheet No. 3 – Location Map
Attachment: Sheet No. 4 – Channel Relocation Reach 1
Attachment: Sheet No. 5 – Channel Relocation Reach 2
Attachment: Sheet No. 6 – Love Branch Culvert
Attachment: Sheet No. 7 – Existing Channel Cross-Sections
Attachment: Sheet No. 8 – Typical Relocated Channel Section

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.

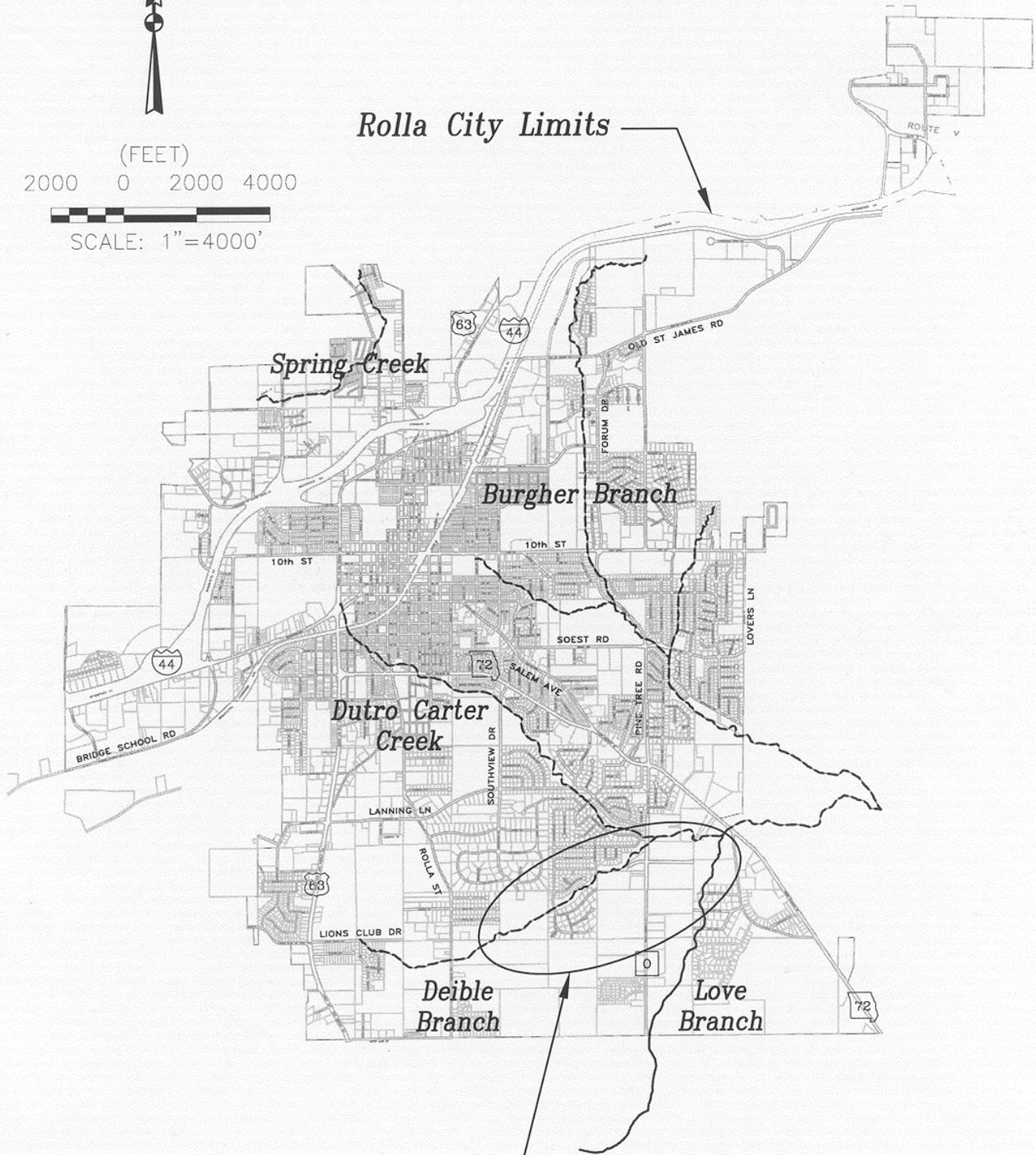


(FEET)
2000 0 2000 4000



SCALE: 1"=4000'

Rolla City Limits



Project Area
See Sheets 2 & 3
For More Detail

Sheet No.: *Lion's Club Drive, Rolla, Missouri*
404 Permit Application

Wilson Hydro
CONSULTING ENGINEERS
AND HYDROLOGISTS, LLC

Designed: *jcd* Date: *08-18-03*
Drawn: *jcd* Scale: *1"=4000'*
Checked: *jpw* Proj. No.: *102*

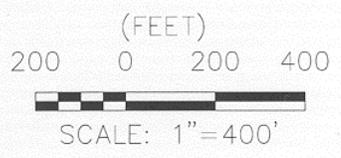
Rev.	Description	Date



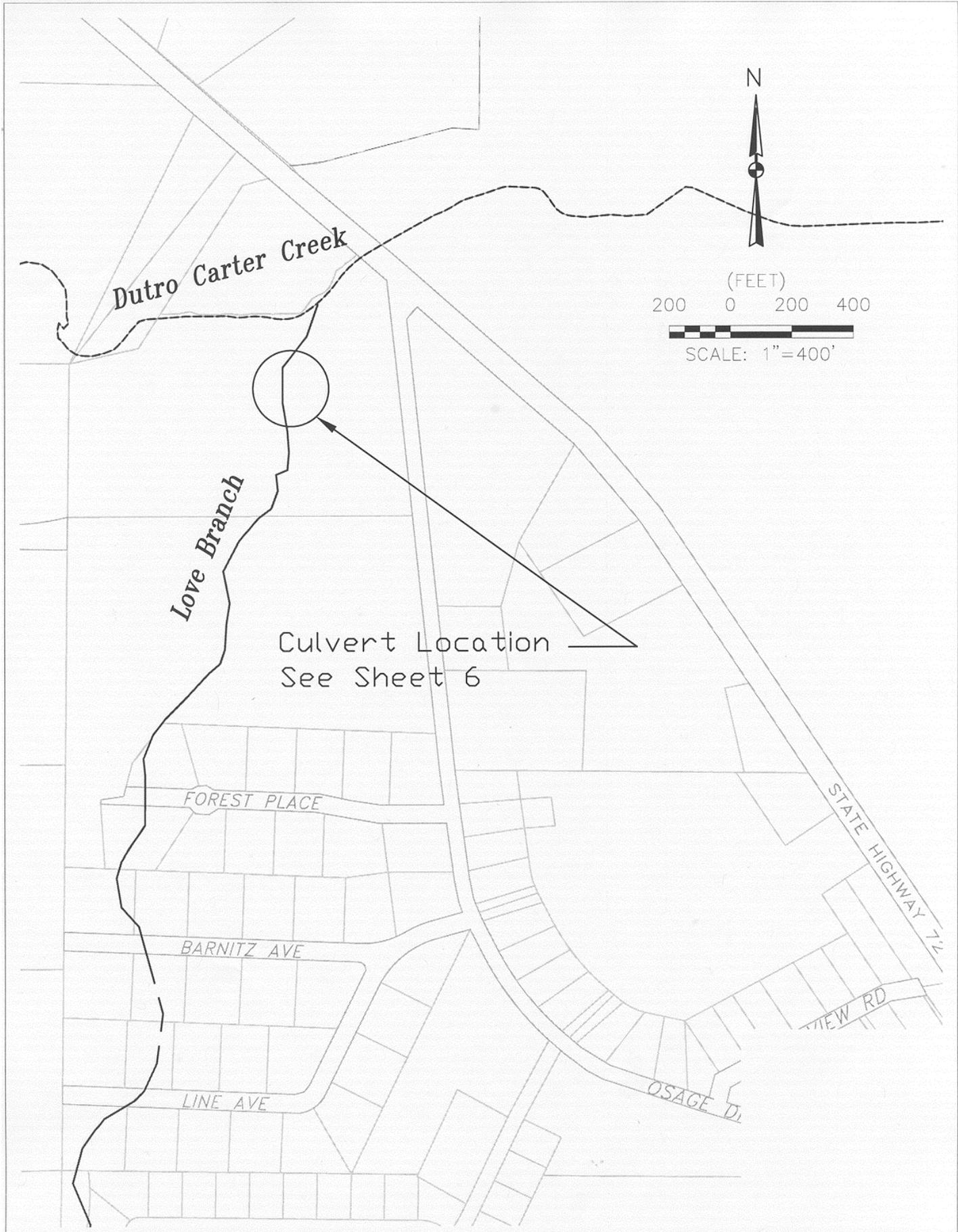
Channel Relocation Reach 2
See Sheet 5

Deible Branch

Channel Relocation Reach 1
See Sheet 4



Sheet No.: 2 of 8	Lion's Club Drive, Rolla, Missouri 404 Permit Application	Wilson Hydro CONSULTING ENGINEERS AND HYDROLOGISTS, LLC	Designed: jcd Drawn: jcd Checked: jpw	Date: 08-18-03 Scale: 1"=400' Proj. No.: 102	<table border="1"> <thead> <tr> <th>Rev.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Rev.	Description	Date									
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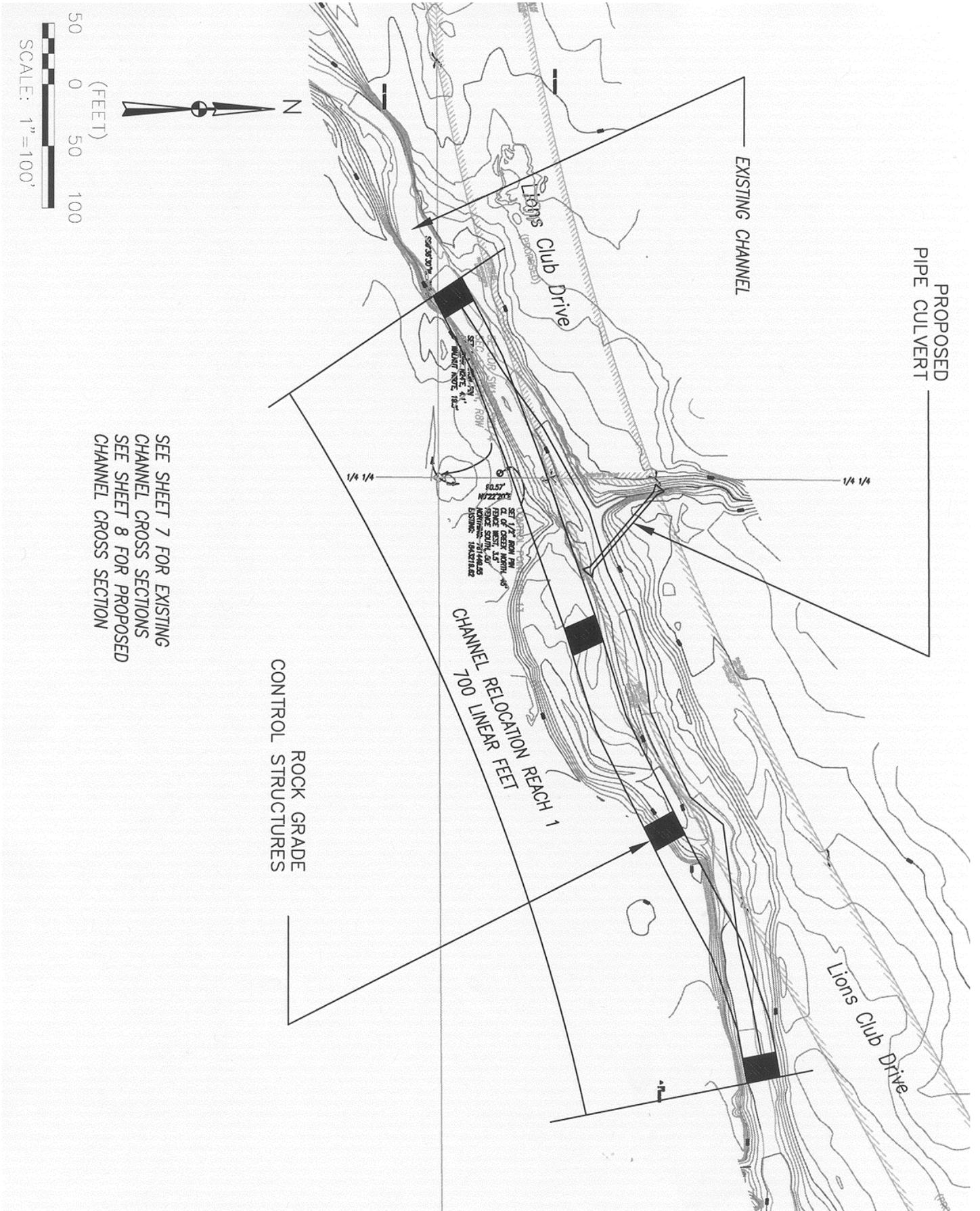


Sheet No.: Lion's Club Drive, Rolla, Missouri
 404 Permit Application

Wilson Hydro
 CONSULTING ENGINEERS
 AND HYDROLOGISTS, LLC

Designed: jcd Date: 08-18-03
 Drawn: jcd Scale: 1"=400'
 Checked: jpw Proj. No.: 102

Rev.	Description	Date



SEE SHEET 7 FOR EXISTING
CHANNEL CROSS SECTIONS
SEE SHEET 8 FOR PROPOSED
CHANNEL CROSS SECTION

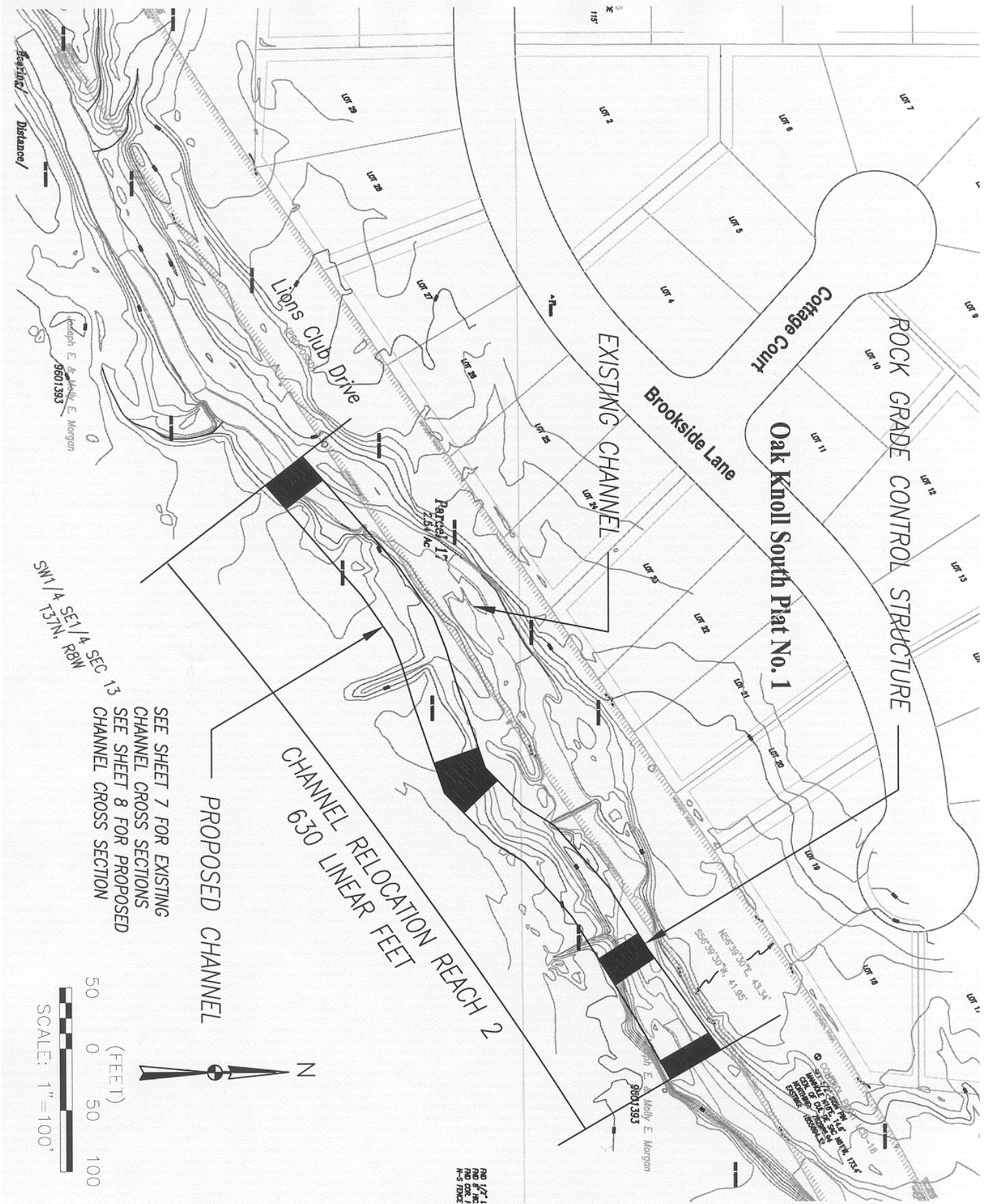
ROCK GRADE
CONTROL STRUCTURES

CHANNEL RELOCATION REACH 1
700 LINEAR FEET

EXISTING CHANNEL

PROPOSED
PIPE CULVERT

4 of 8	Sheet No.:	Lion's Club Drive, Rolla, Missouri 404 Permit Application	Wilson Hydro CONSULTING ENGINEERS AND HYDROLOGISTS, LLC	Designed: jpw	Date: 08-20-03	Rev.	Description	Da
		Channel Relocation Reach 1		Drawn: jpw	Scale: 1" = 100'	Checked: jpw	Proj. No.: 102	

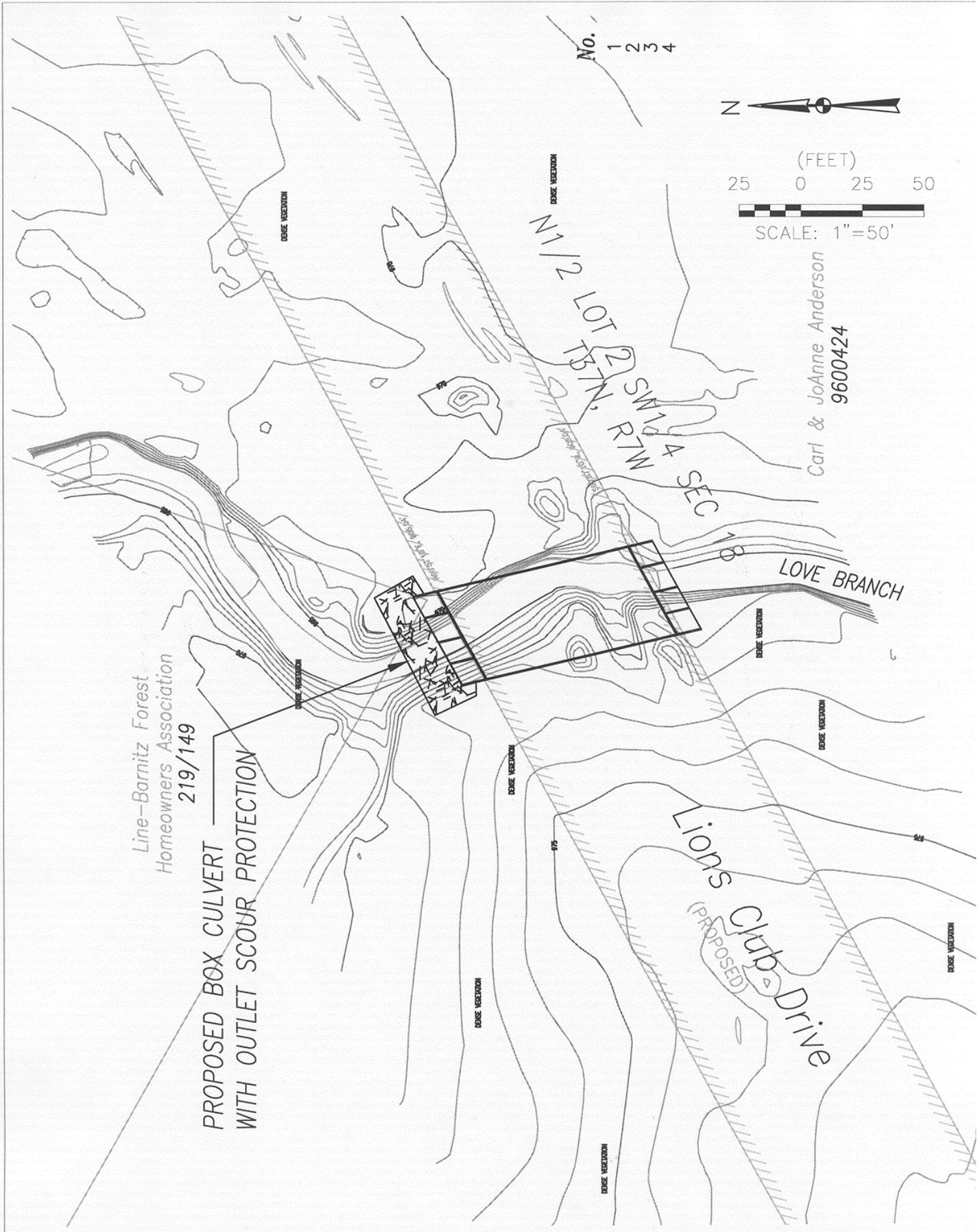


Sheet No.: 5 of 8
 Lion's Club Drive, Rolla, Missouri
 404 Permit Application
 Channel Relocation Reach 2

Wilson Hydro
 CONSULTING ENGINEERS
 AND HYDROLOGISTS, LLC

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 Proj. No.: 102

Rev.	Description	Date

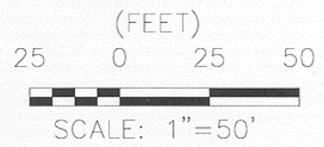


PROPOSED BOX CULVERT
WITH OUTLET SCOUR PROTECTION

Line-Barnitz Forest
Homeowners Association
219/149

N 1/2 LOT 2
T87N. SW 1/4 SEC
R7W

Carl & JoAnne Anderson
9600424

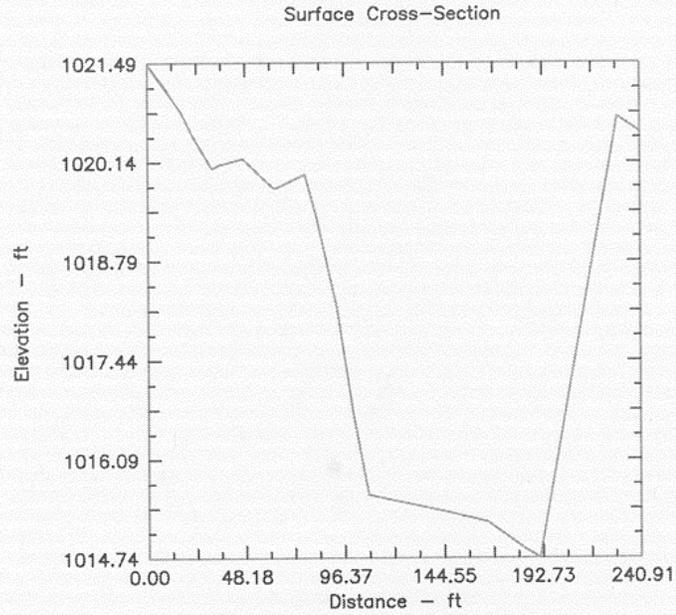


Sheet No.: Lion's Club Drive, Rolla, Missouri
404 Permit Application

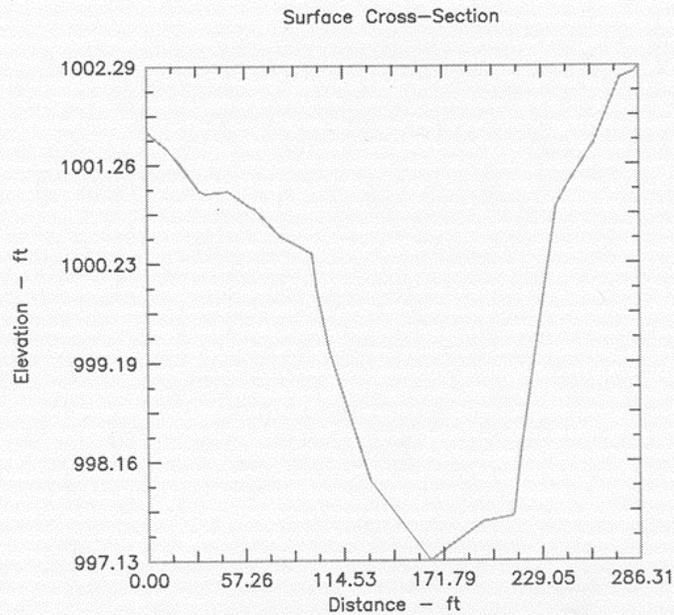
Wilson Hydro
CONSULTING ENGINEERS
AND HYDROLOGISTS. LLC

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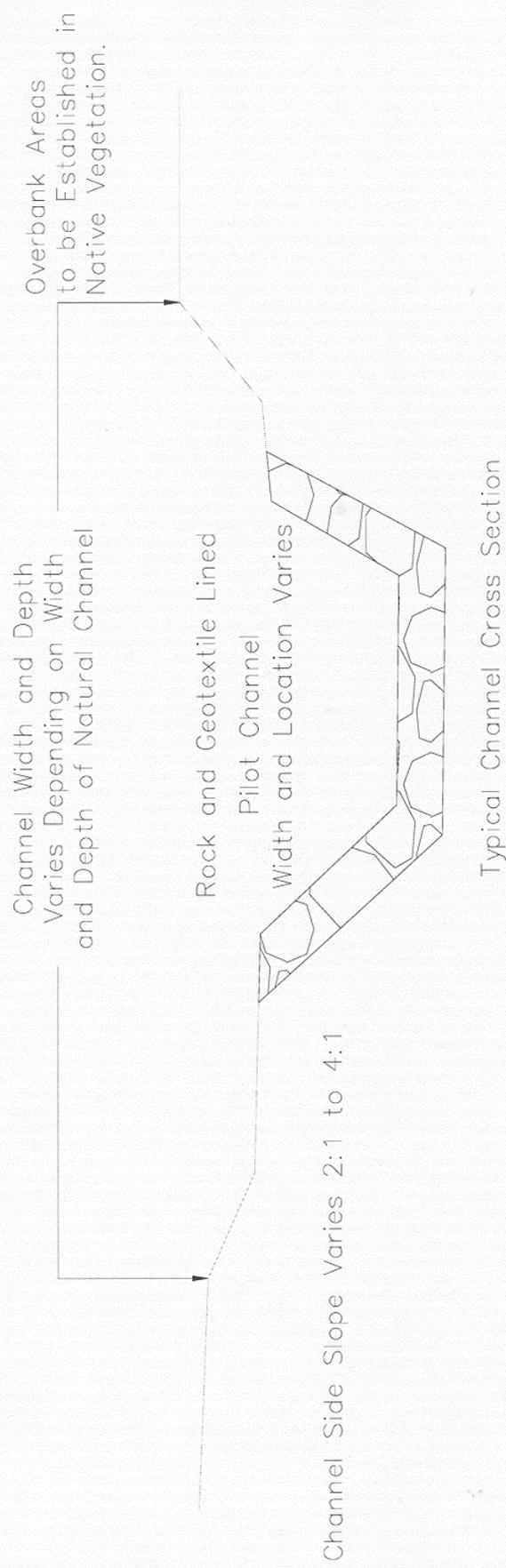


Typical Existing Channel Cross
Section Relocation Reach 1



Typical Existing Channel Cross
Section Relocation Reach 2

Rev.	Description



Rev.	Desc.