



Public Notice

Applicant:

Ohio Department of
Transportation Office of
Environmental Services

Date:

Published: August 27, 2004
Expires: September 25, 2004

**U.S. Army Corps
of Engineers**

In Reply Refer To:

Buffalo District **CELRB-TD-R RE:** 2004-00272(1) **Section:** OH 404

**Application for Permit under Authority of
Section 404 of the Clean Water Act (33 U.S.C. 1344).**

The Ohio Department of Transportation, 1980 West Broad Street, Columbus, Ohio 43223 has applied for Department of the Army authorization to perform work in various wetlands and the Cuyahoga River. The project is located at the IR-271 bridge over the Cuyahoga River Valley, in Boston Township, Summit County, Ohio. The Cuyahoga River Valley encompasses the Cuyahoga Valley National Park, the Cuyahoga Valley Scenic Railway, the Cuyahoga River, and the Ohio and Erie Canal Towpath Trail.

Department of the Army authorization is required to place 0.794 acre of fill in 14 small wetlands and to impact 290 linear feet of the Cuyahoga River with the placement of approximately 275 cubic yards of rock channel protection below ordinary high water (OHW) along the banks of the Cuyahoga River. In addition, 205 linear feet of a tributary to the Cuyahoga River will be culverted and 60 linear feet of the tributary will be temporarily impacted.

As mitigation for the unavoidable loss of federally jurisdictional wetlands, ODOT proposes to create 1.28 acre of wetlands. These wetlands will be constructed at the south side of Rockside Road, near the parking lot and boarding station for the Valley Railway, in the Cuyahoga River Valley National Park. As mitigation for the unavoidable loss of stream, ODOT proposes to restore a wooded riparian buffer along approximately 1000 feet of the Cuyahoga River, and to rehabilitate approximately 450 linear feet of a tributary to the Cuyahoga River located off of Stone Road, within the Cuyahoga River Valley National Park.

The applicant's stated purpose is to replace the twin bridges carrying IR-271 over the Cuyahoga Valley while maintaining two-lane, two-way traffic at all times during project construction, minimizing adverse impacts on the critical environmentally sensitive resources in the study area, and providing adequate width for maintenance of traffic during future construction and maintenance. According to bridge inspection reports, the twin bridges are deteriorating and in need of rehabilitation or replacement.

Location and details of the above described work are shown on the attached maps and drawings.

Questions pertaining to the work described in this notice should be directed to Pauline D. Thorndike, who can be contacted by calling (716) 879-4237, or by e-mail at: pauline.d.thorndike@usace.army.mil

The following authorization(s) may be required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency.

Based on preliminary findings, the Boston Mill Historic District, Ohio and Erie Canal Historic District, and Valley Railway Historic District is located within or in the vicinity of the project. This notice constitutes initiation of consultation with the Ohio Historic Preservation Office (SHPO) per Section 106 of the National Historic Preservation Act. All currently available historic resource information pertaining to this proposed project if any has been provided to the SHPO. Additional information concerning historic properties should be submitted to the Corps before the end of the comment period of this notice. The Corps will forward that information to the SHPO for their review.

In addition, available evidence indicates that the proposed work will not affect a species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will it affect the critical habitat of any such species. The project lies within the range of the Indiana Bat, however, the project is not expected to have an effect on this endangered species.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U.S. Army Corps of Engineers, 1776 Niagara Street, Buffalo, New York 14207, and should be marked to the attention of Pauline D. Thorndike, or by e-mail at: pauline.d.thorndike@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these 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, considerations of property ownership, and in general, the needs and welfare of the people.

The 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 this proposed activity. Any comments

received will be considered by the 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 the 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.

SIGNED

Thomas C. Switala
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.

Project Location ★

OHIO

★ Project Location
Summit County

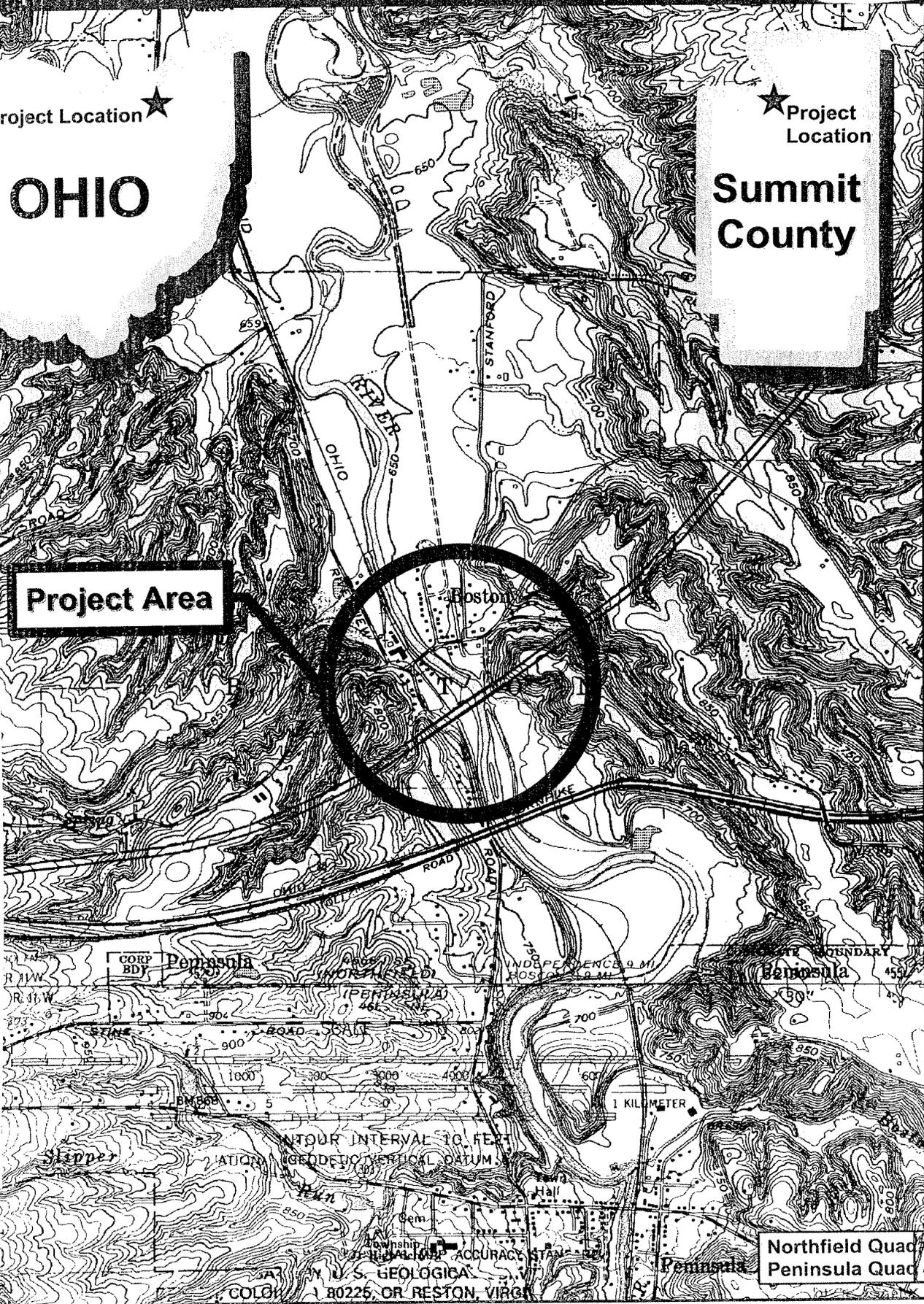
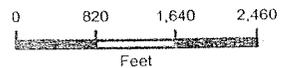
Summit County

Project Area

ODOT SUM-271-8.02 (PID 21450)
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Summit County, Ohio Quad: NORTHFIELD
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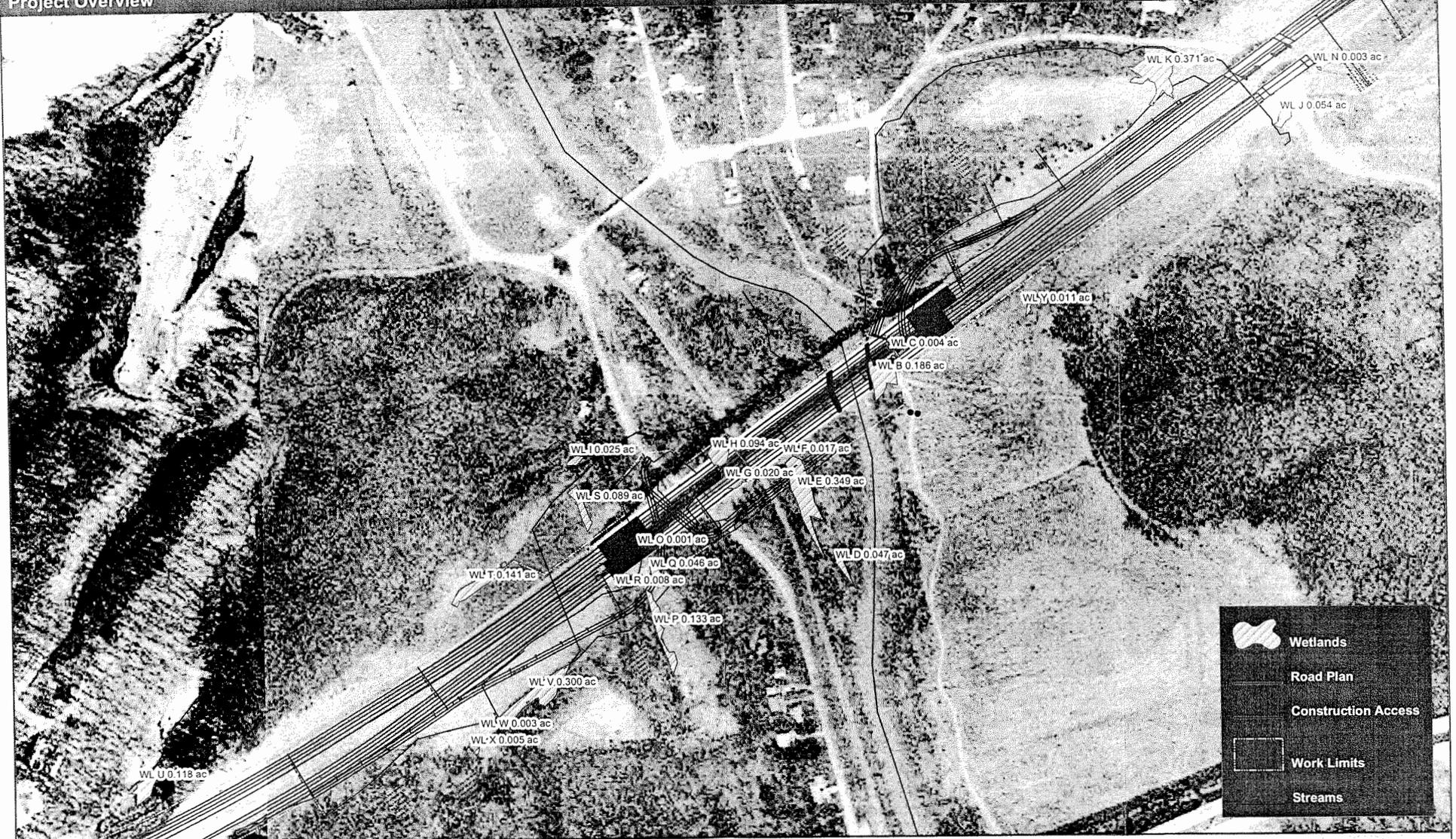
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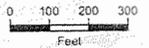
ODOT SUM-271-8.02 (PID 21450)
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Project Overview

Figure 5

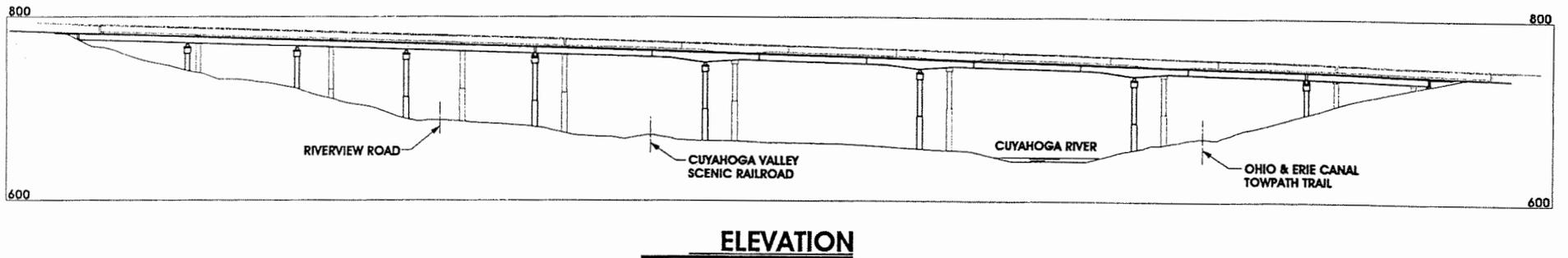
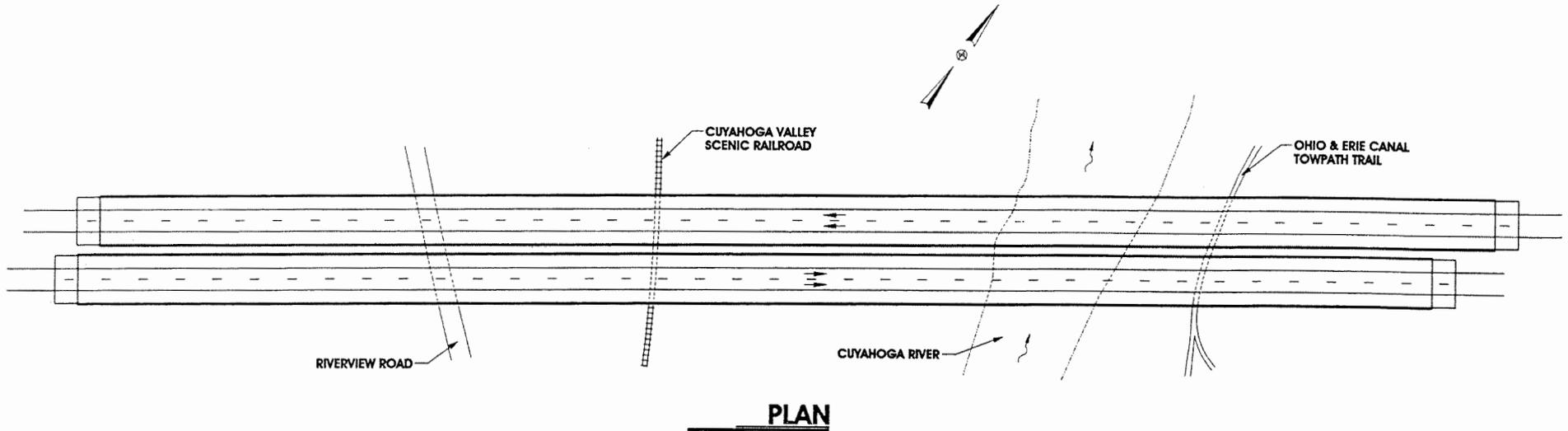


SUM-271-8.02



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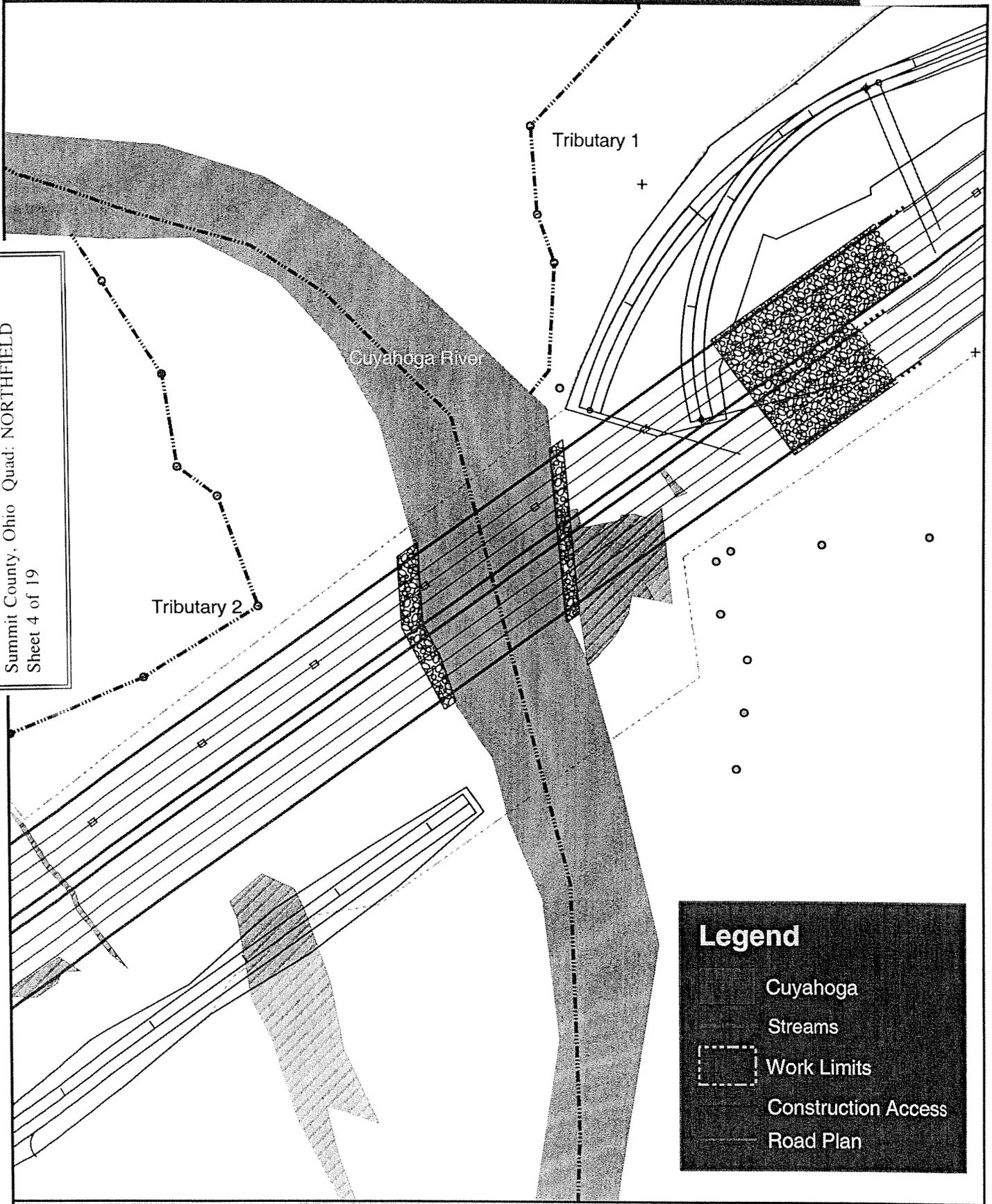
Proposed Bridge General Plan - I.R. 271 Over Cuyahoga River Valley



CONCRETE BRIDGE DESIGN IS SHOWN.
STEEL BRIDGE DESIGN IS SIMILAR.

Cuyahoga River Crossing - Preferred Alternative and Minimization Alternative

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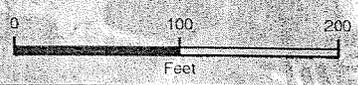


Legend

- Cuyahoga
- Streams
- Work Limits
- Construction Access
- Road Plan

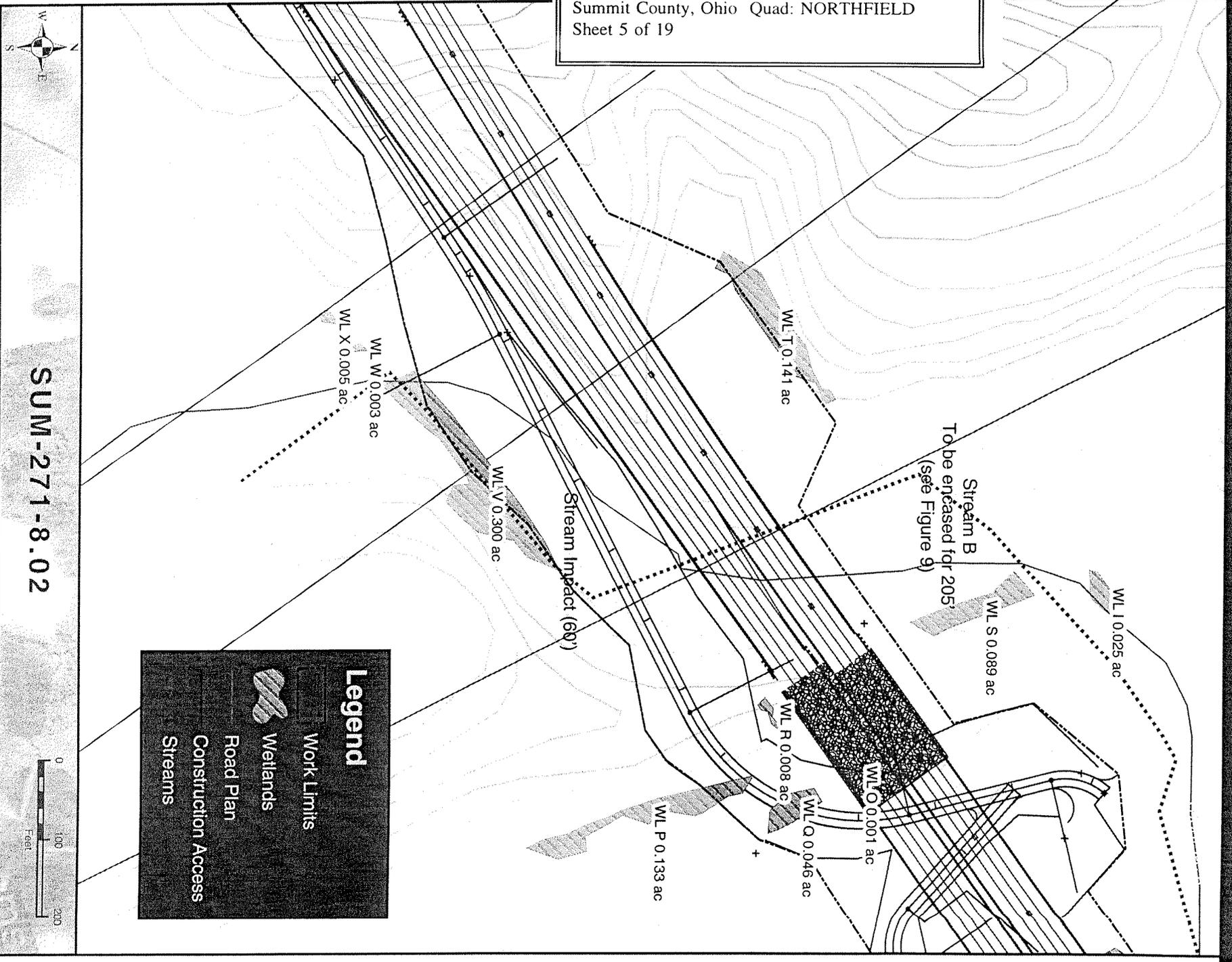


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**Preferred Alternative -
Wetlands I, O, P, Q, R, S, T, V, W and X**



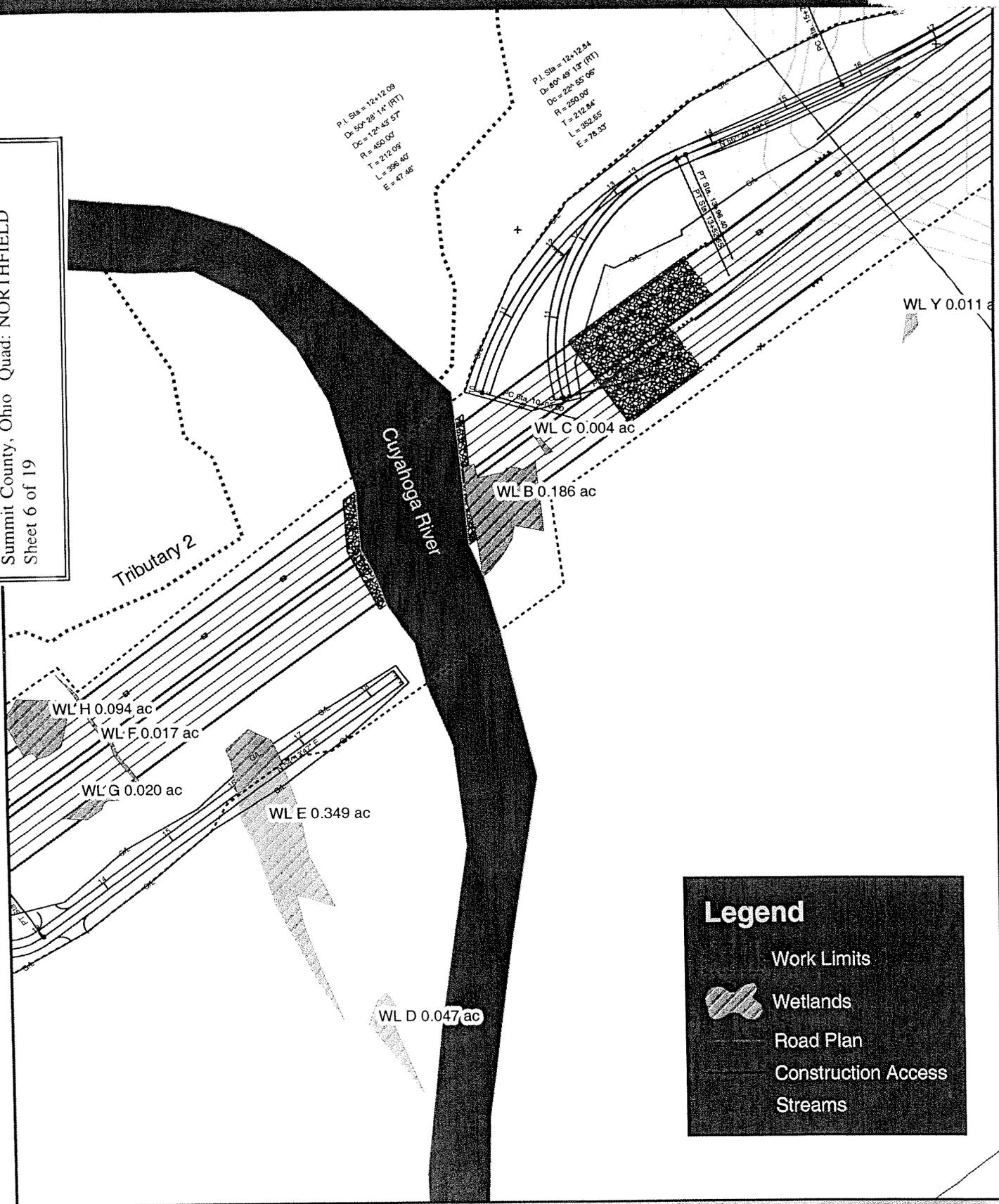
Legend

- Work Limits
- Wetlands
- Road Plan
- Construction Access
- Streams

SUM-271-8.02

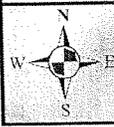
Preferred Alternative - Wetlands B, C, D, E, F, G, H and Y

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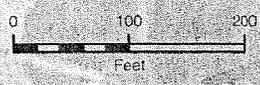


Legend

- Work Limits
- Wetlands
- Road Plan
- Construction Access
- Streams



SUM-271-8.02



**Preferred Alternative -
Wetlands J, K, and N**

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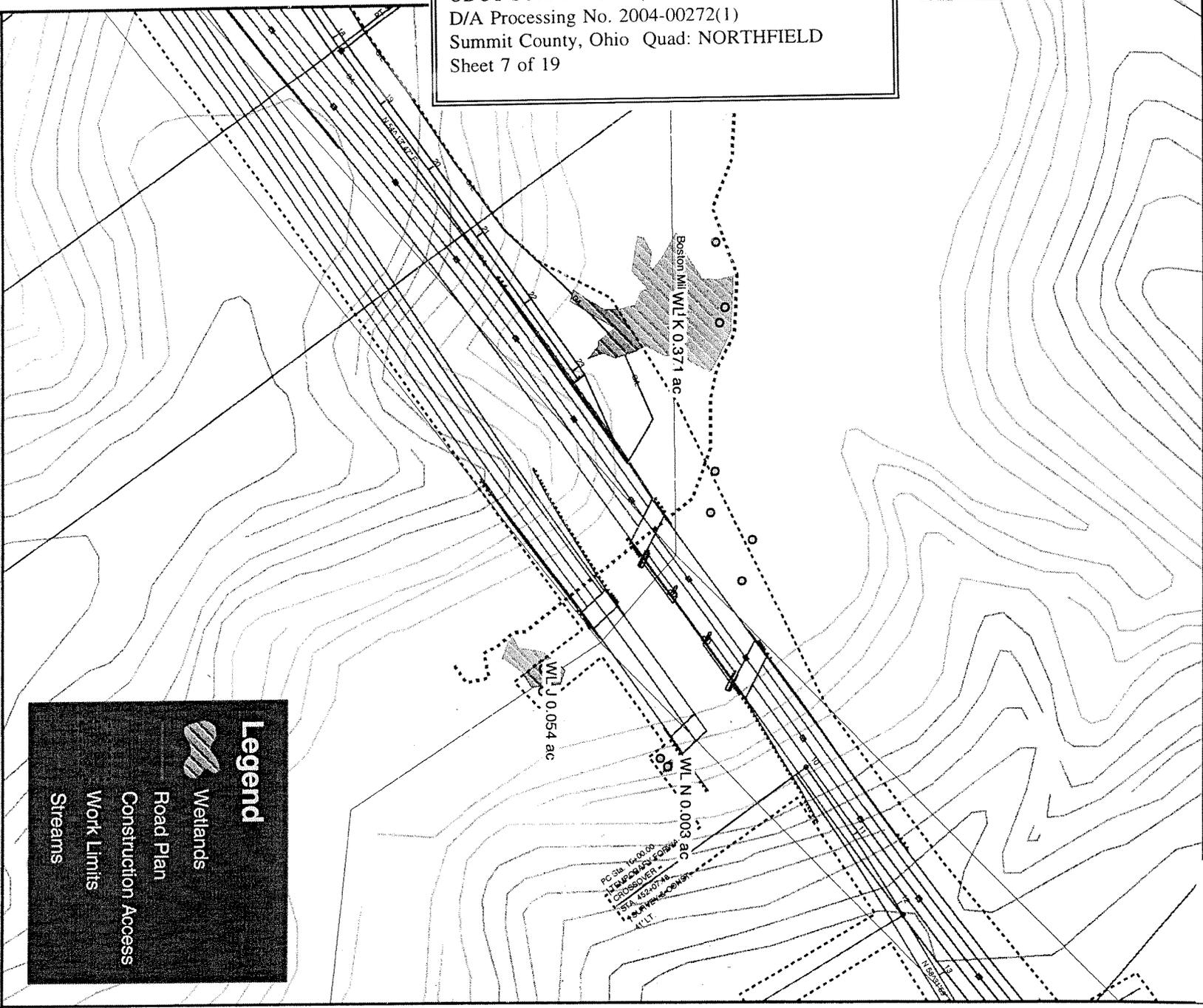


SUM-271-8.02



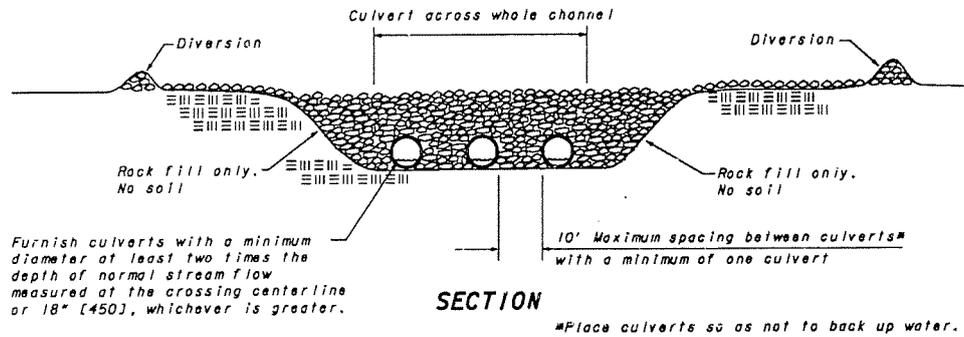
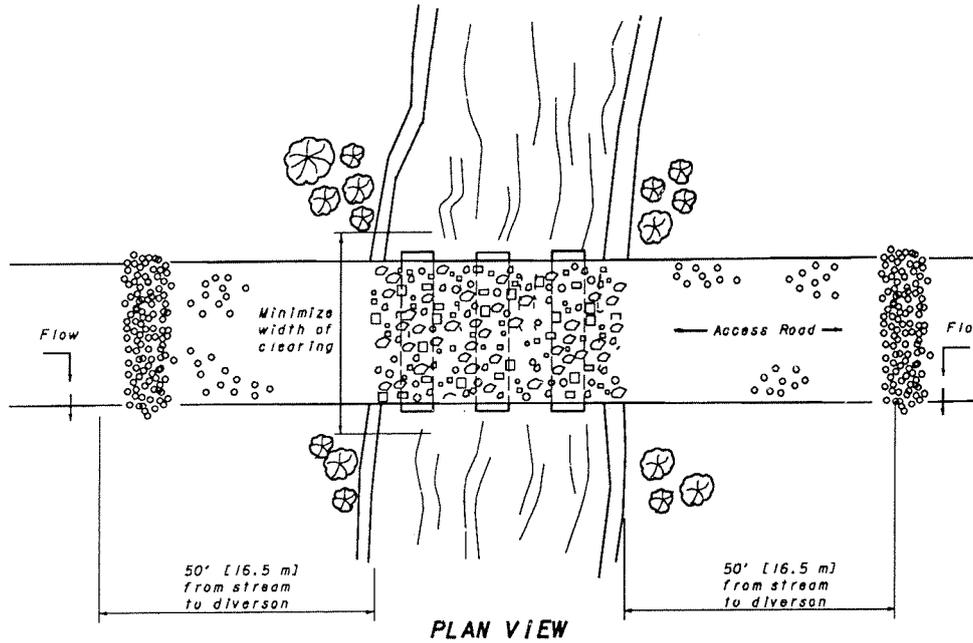
Legend

- Wetlands
- Road Plan
- Construction Access
- Work Limits
- Streams



PC Sta. 1+00.00
PT Sta. 1+00.00
GROSS AREA
STA. 1+24.74
1.54' Vertical Curve
11.11'

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SECTION

*Place culverts so as not to back up water.

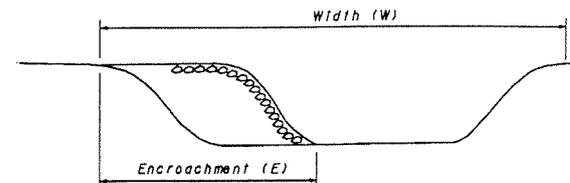
NOTES

MATERIAL: Furnish dumped rock fill conforming to CMS 703.19.B, Type B, C, or D.

CONSTRUCTION: Comply with CMS 107.19 and construct as per CMS 207.03.B.B.b.

The number of culverts needed will vary with the width of the crossing and the size of the culverts.

PAYMENT: As per CMS 207.07, the Department will not pay for Stream Crossing Work.

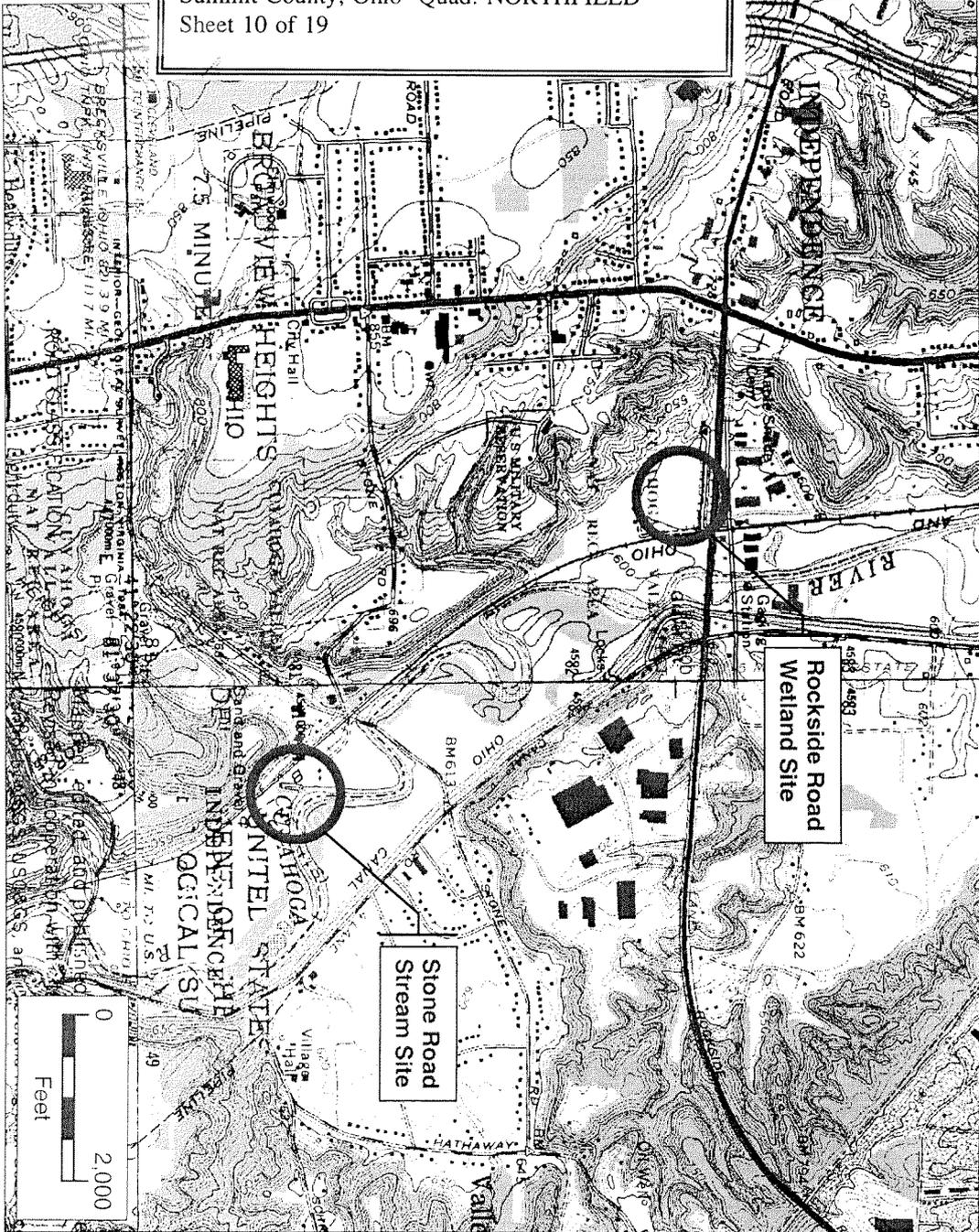
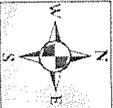


When the channel encroachment is less than 1/3 of the channel width then no pipe is required. ($E < 1/3 W$)

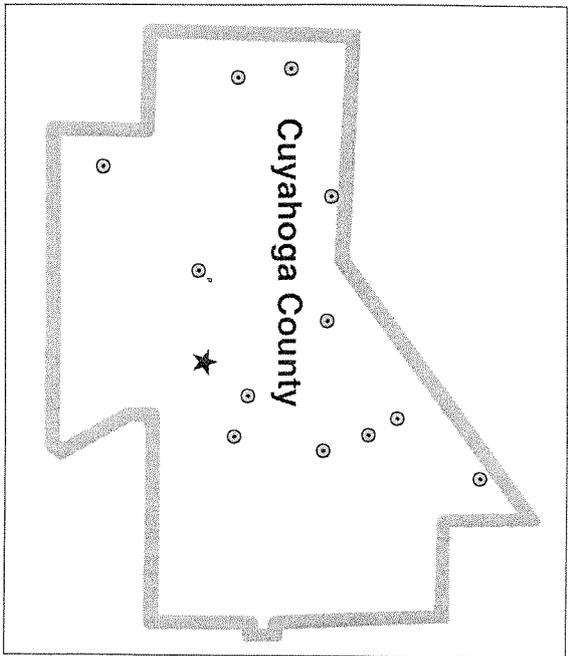
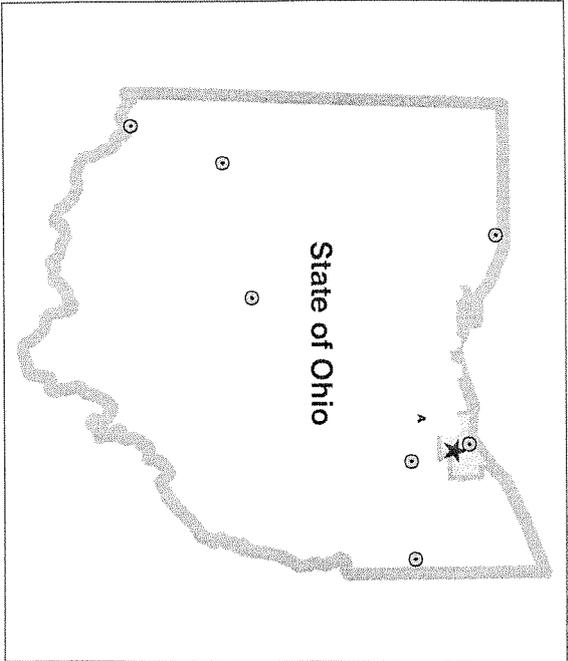
Temporary Ford

OHIO DEPARTMENT OF TRANSPORTATION
 ENGINEER OF BRIDGES
 DATE 7-19-02
 HYDRAULIC ENGINEER D. Gruver
 ALL metric dimensions in brackets () are in millimeters unless otherwise noted.
 OFFICE OF STRUCTURAL ENGINEERING
 STANDARD HYDRAULIC CONSTRUCTION DRAWING
 STREAM AND RIVER CROSSINGS
 NUMBER DM-5.1
 1 / 1

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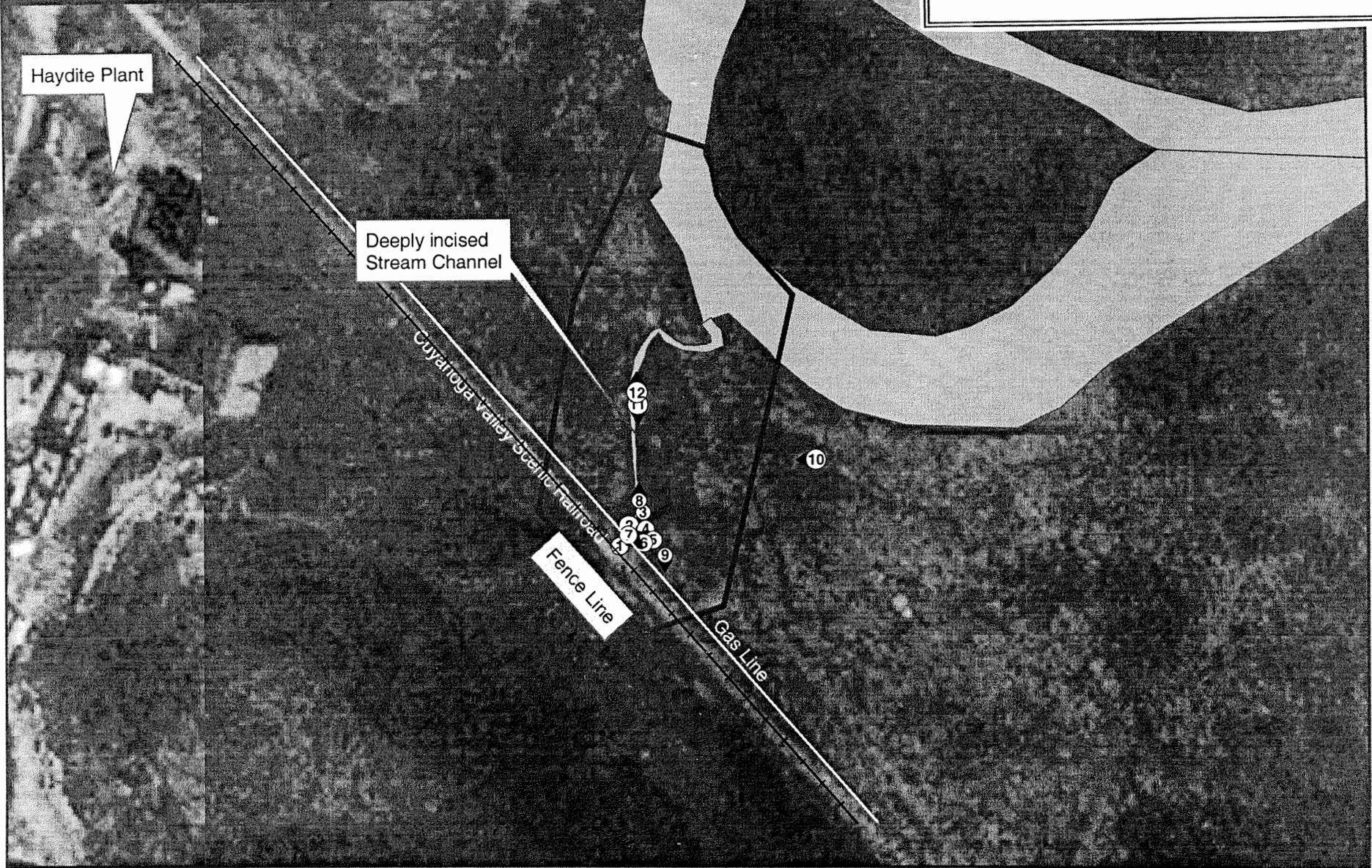


**Rockside Road and Stone Road
 Mitigation Sites**

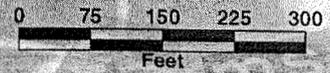


Project Location Map

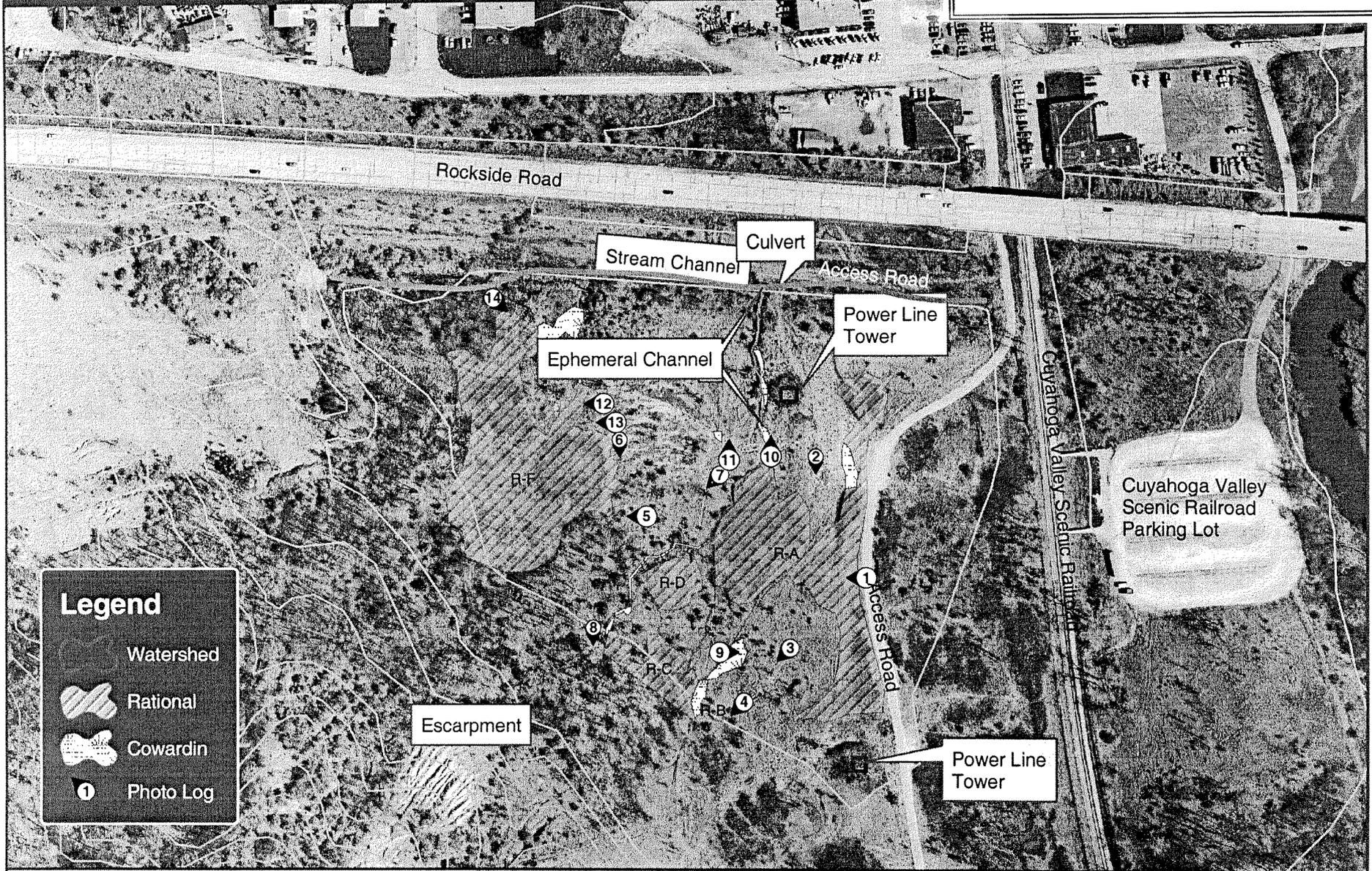
Stone Road Mitigation Site - Existing Conditions and Photo Log



Stone Road Mitigation Site



Rockside Road Mitigation Site - Existing Conditions and Photo Log

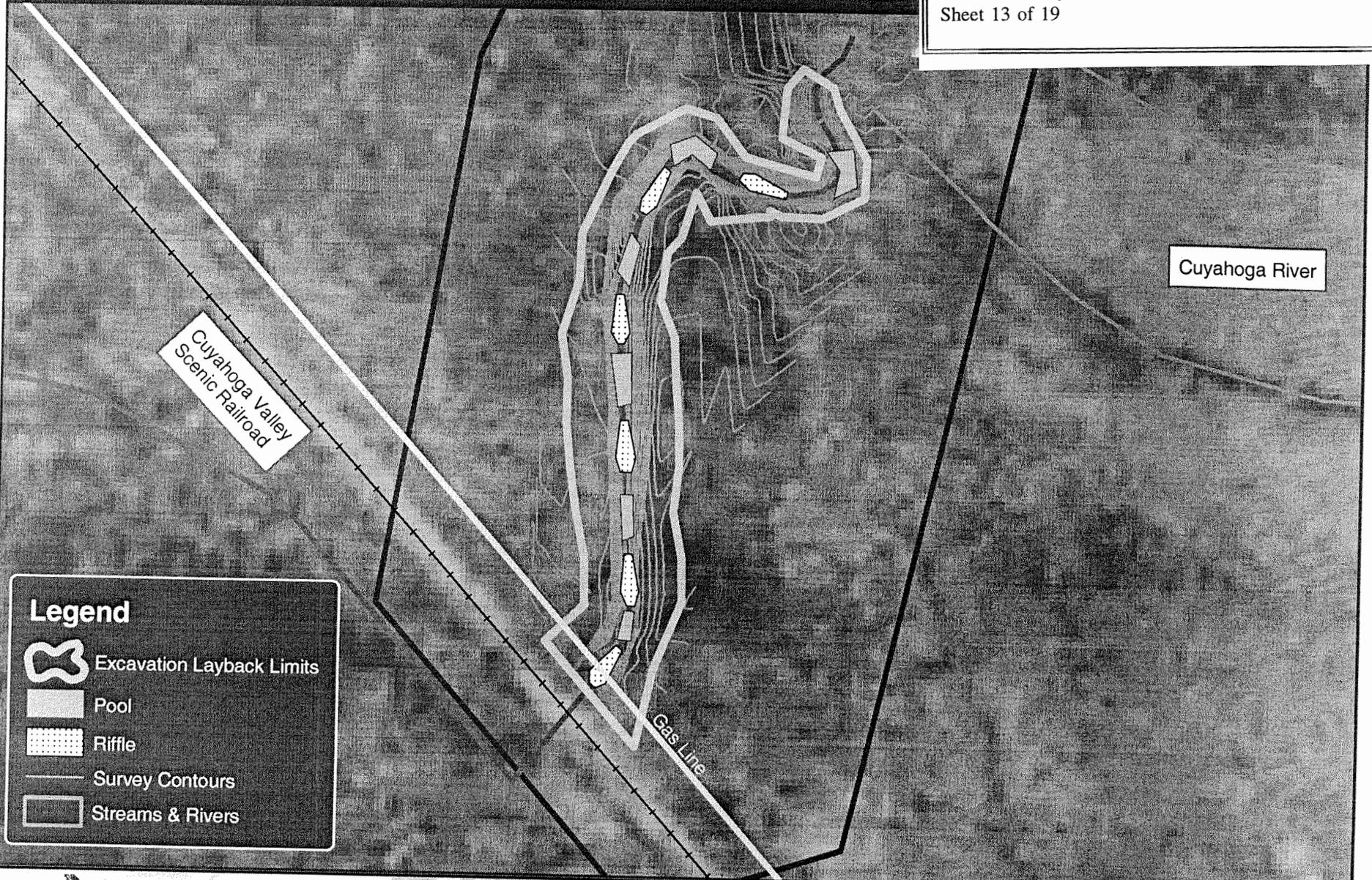


Rockside Road Mitigation Site



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Stone Road Mitigation Site: Proposed Stream

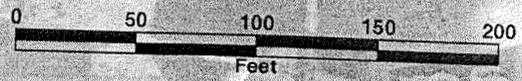


Legend

- Excavation Layback Limits
- Pool
- Riffle
- Survey Contours
- Streams & Rivers



Stone Road Mitigation Site



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Cuyahoga Valley
Scenic Railroad

Gas Line

Cuyahoga River

Oxbow of the
Cuyahoga River

Legend

- Riparian Mitigation
- Excavation Layback Limits
- Streams & Rivers

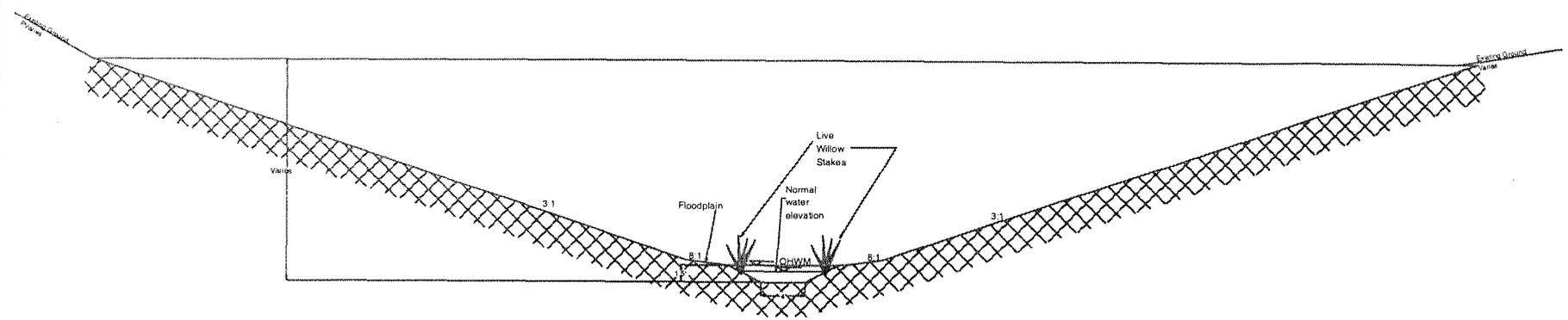


Stone Road Mitigation Site

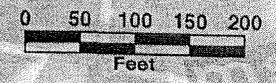


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Stone Road Mitigation Site: Typical Cross-section

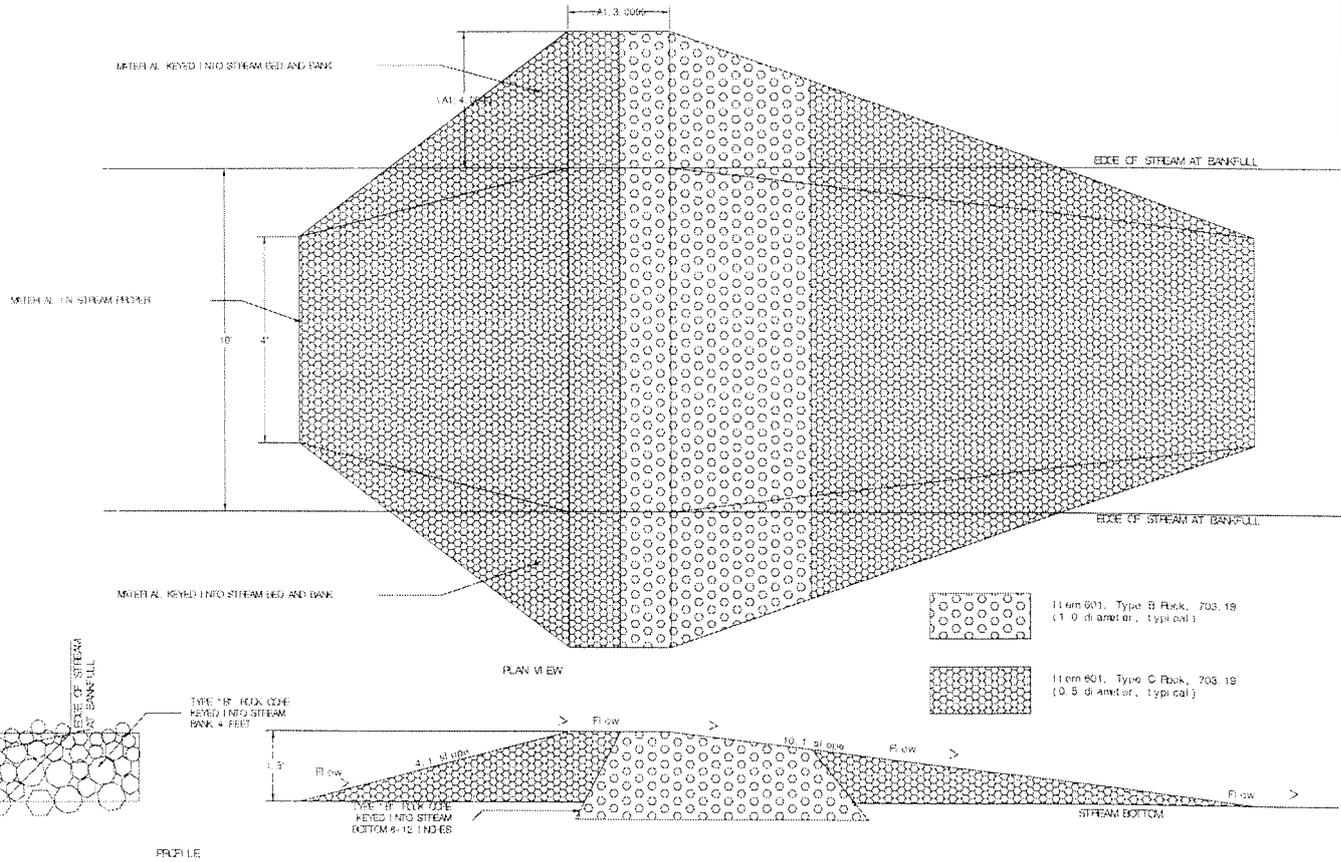


Stone Road Mitigation Site



Stone Road Mitigation Site: Typical Riffle

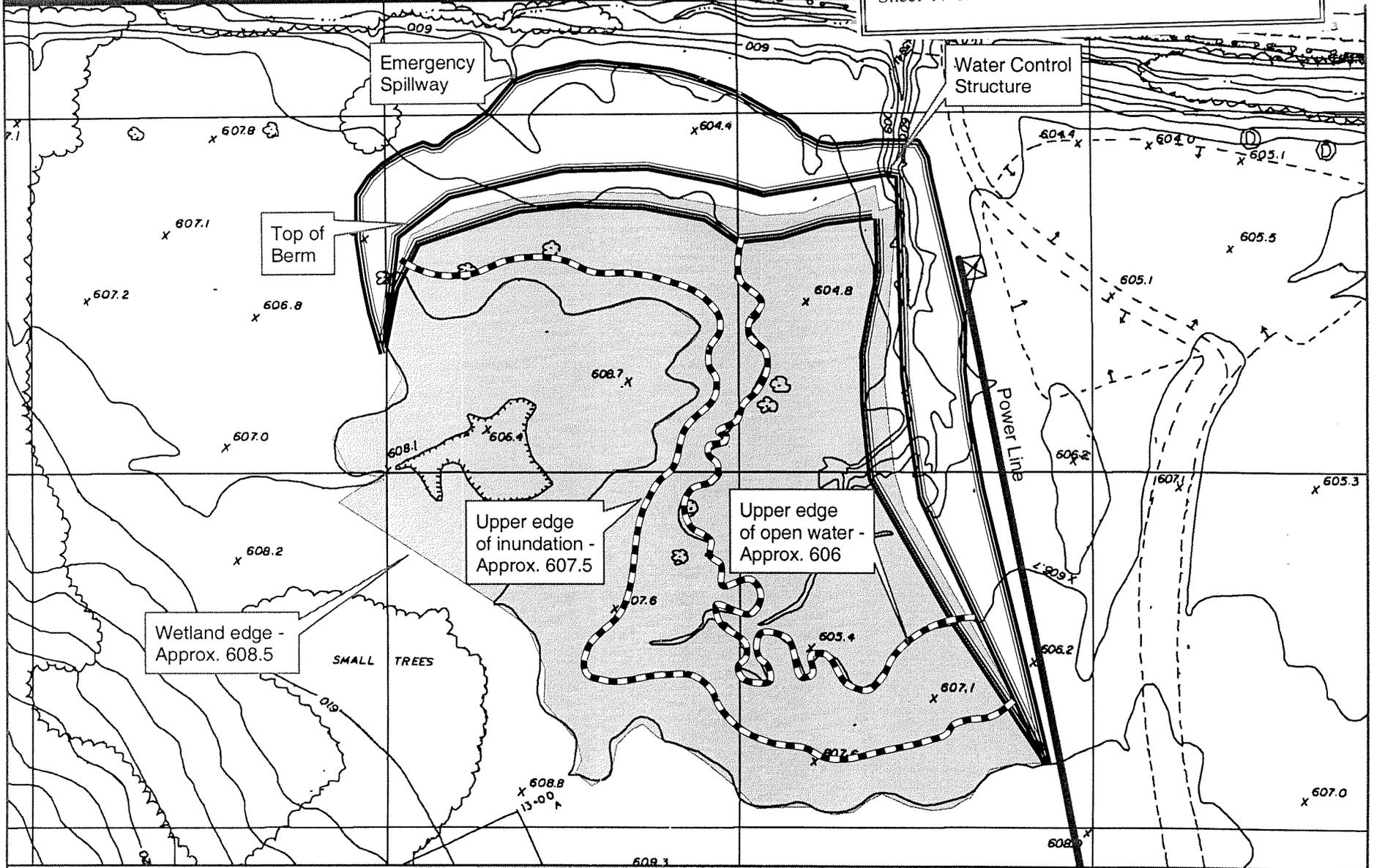
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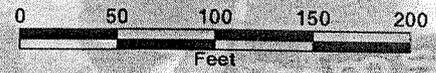
Stone Road Mitigation Site

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Rockside Road Mitigation Site: Conceptual Wetland Boundaries



Rockside Road Mitigation Site

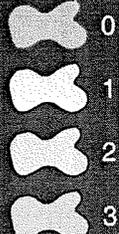


Proposed Wetland Planting Scheme

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Planting Zones

Zone

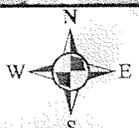


Upland Buffer

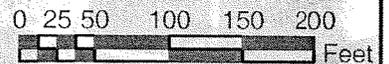
Berm

Planting Zone description

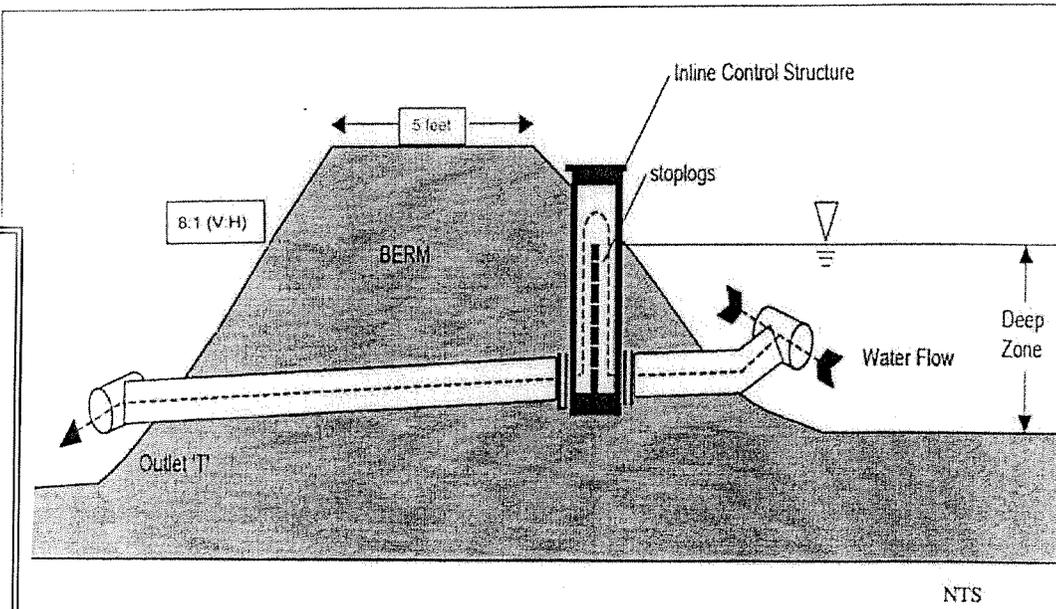
Zone 0 below elevation 606
 Zone 1 between elevation 606 and 607
 Zone 2 between elevation 607 and 607.5
 Zone 3 between elevation 607.5 and 608.5
 Upland Buffer is a 50-foot border planting around wetland
 Shrub Clumps



Rockside Road Mitigation Site



Proposed Outlet Control



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Rockside Road Mitigation:
 Typical Berm
 Cross-section

