

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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## INTERDEPARTMENT CORRESPONDENCE

FILE BRF-023-1(12) Atkinson County  
P.I. No. 421440

OFFICE Preconstruction  
DATE February 2, 1990

FROM *JB*  
J. B. Johnson, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

JB/cj

Attachment

## DISTRIBUTION:

Charles Lewis  
Bob Humphrey  
Frank Danchetz  
Gene Skeen  
Dewey Jones (ATTN: Herman Griffin)  
Walker Scott  
Ron Colvin  
Paul Liles  
Harold Linnenkohl  
Don Senkbeil

TIME SAVING  
PROCEDURES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRF-023-1(12) Atkinson County OFFICE Preconstruction  
P.I. No. 421440  
Needs Rating-58 Suff. Rating-32.5 DATE January 22, 1990

**FROM** *GCL*  
G. C. Lewis, Director of Preconstruction

**TO** Hal Rives, Commissioner

**SUBJECT** SR 31/64 AT UNNAMED CREEK - PROJECT CONCEPT REPORT

This project is the replacement of a narrow and structurally deficient bridge on SR 31/64 at unnamed creek south of Pearson. The existing bridge is 24'x100' with timber piling and caps, steel beams and concrete deck w/concrete handrails. Approaches have 24' of pavement with 7' shoulders. Right-of-way through the bridge section is 200' (100' right & left) and 100' (50' right & left) beyond the ends. Current and future traffic is 2400 VPD (1990) and 4100 VPD (2010).

The proposed replacement structure will be a triple 9'x8'x55' concrete bridge culvert at existing location. Approaches will be reconstructed to have 24' of pavement and 10' shoulders for a project length of 0.21 miles. An on-site runaround detour will be constructed to maintain traffic which will require a temporary easement. No local roads were found suitable for use as an alternate detour. The estimated cost of the project is:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG. DATE</u>
Constr(Infl&E/C)	\$252,000	\$255,000	FY 92
Right-of-way	\$ 1,000	\$ 1,000	
Utilities	0*	0	

\*LGPA not signed, but none anticipated.

I recommend that we approve this project concept report for implementation. Time saving procedures are appropriate.

GCL/WLP/se

CONCUR:

*Alva R. Byrom*  
Alva R. Byrom, State Highway Engineer

APPROVED:

*Hal Rives*  
Hal Rives, Commissioner

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

RECEIVED  
JAN 11 1990  
PRECONSTRUCTION

## INTERDEPARTMENT CORRESPONDENCE

FILE BRF-023-1 (12) Atkinson County OFFICE Atlanta, Georgia  
 P.I. No. 421440  
 Bridge & Approaches Over Unnamed Creek DATE January 10, 1990

FROM Robert E. Humphrey, Project Review Engineer

TO G. C. Lewis, Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

We have reviewed the attached Concept Report for this Minor project.

We have received signed cover sheets from the following offices:

1. Bridge Design
2. Traffic and Safety
3. Environmental

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$208,000
Inflation (5% per year) x 2 yrs	<del>10,400</del> 20,800
E & C (10%)	<del>21,840</del> 22,880
Preliminary Engineering (5%)	10,920
Right of Way	1,000
Utilities	0

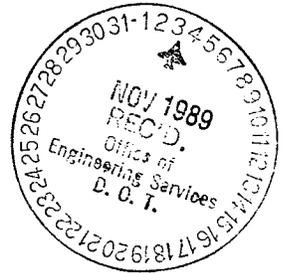
MJB/jmf

Attachments

c: Don Senkbeil

# DEPARTMENT OF TRANSPORTATION

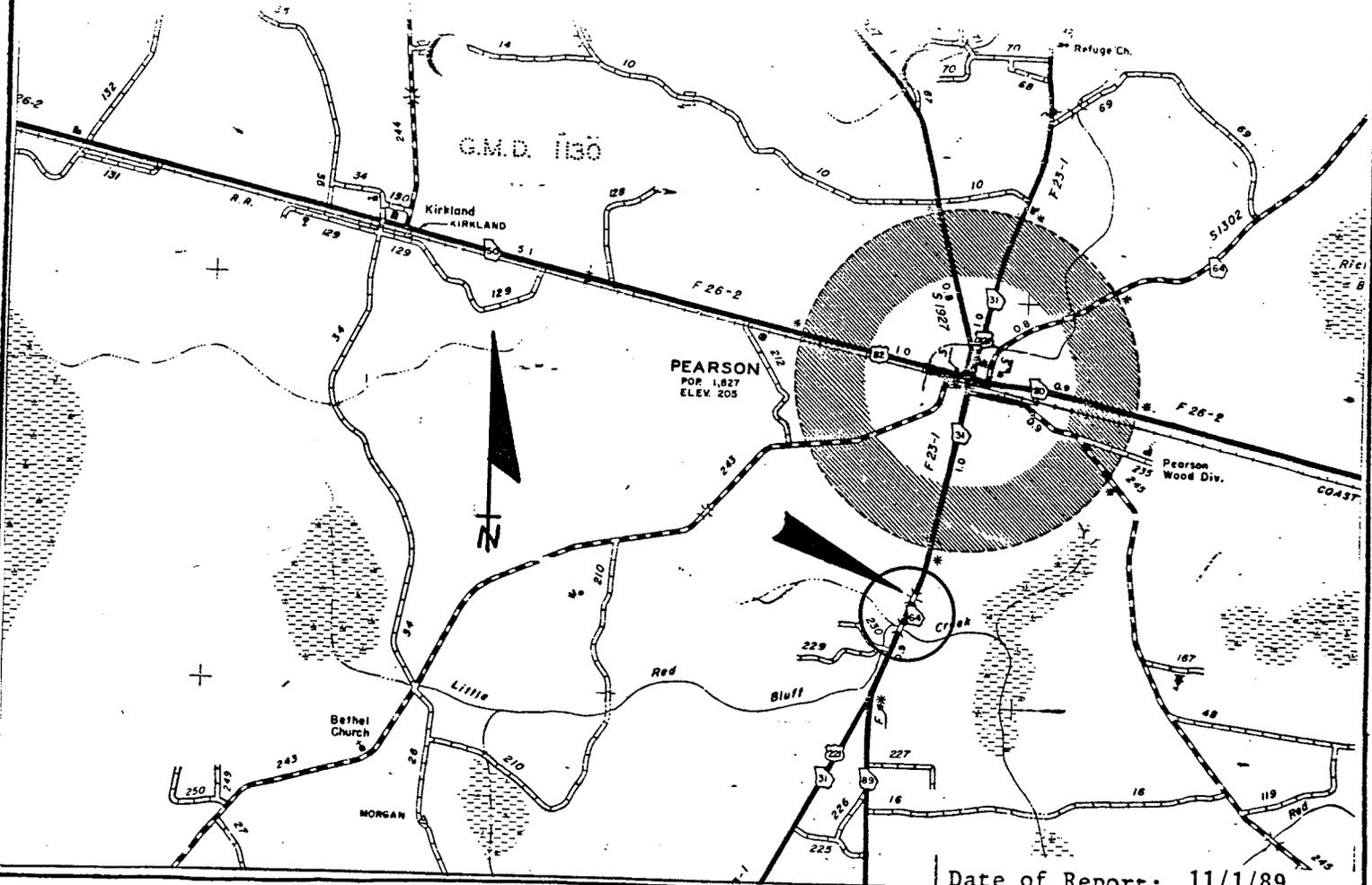
## STATE OF GEORGIA



### PROJECT CONCEPT REPORT

BRF-023-1 (12) Atkinson County  
 Bridge and approaches over Unnamed Creek

Federal Route No: 441  
 State Route No: 31  
 GaDOT P. I. No: 421440



Date of Report: 11/1/89

#### RECOMMENDATION FOR APPROVAL

11/2/89	
Date	Project Manager (District Engineer or Office Head)
Date	State Environmental Engineer
Date	State Engineer

# DEPARTMENT OF TRANSPORTATION

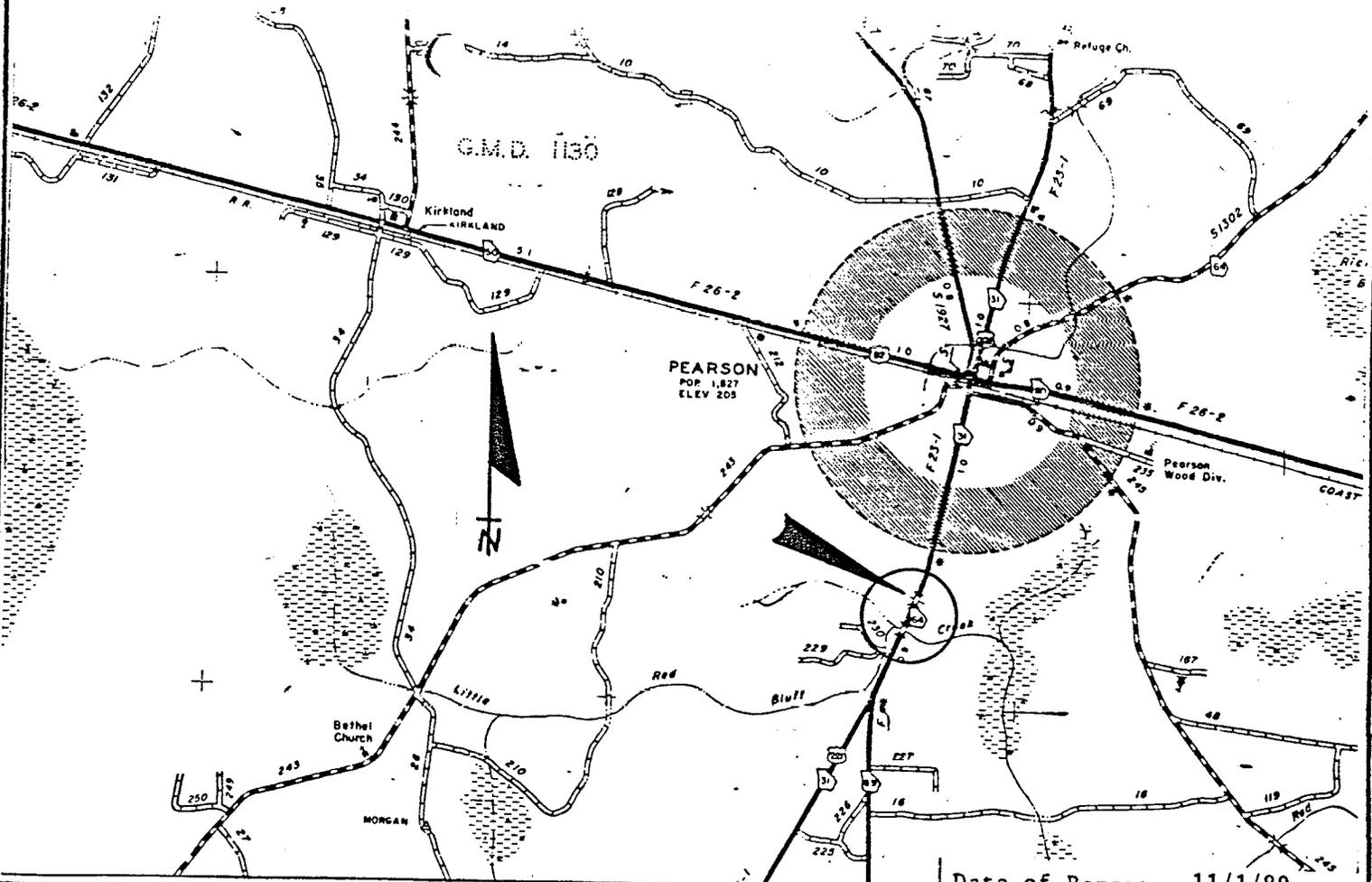
## STATE OF GEORGIA



### PROJECT CONCEPT REPORT

BRF-023-1 (12) Atkinson County  
Bridge and approaches over Unnamed Creek

Federal Route No: 441  
State Route No: 31  
GaDOT P. I. No: 421440



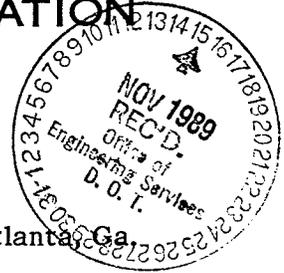
Date of Report: 11/1/89

#### RECOMMENDATION FOR APPROVAL

11/2/89	<i>[Signature]</i>
Date	Project Manager (District Engineer or Office Head)
Date	State Environmental Engineer
11-13-89	<i>[Signature]</i>
Date	State TRAFFIC & SAFETY Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE BRF-023-1 (12) Atkinson County  
P.I. No. 421440

OFFICE Atlanta, Ga.

DATE November 9, 1989

FROM *RCman* Ron Colvin, P.E., State Traffic & Safety Engineer

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT **Project Concept Report Review**

We have reviewed the Concept Report on the above project for a proposed bridge replacement and approaches over an unnamed creek located just south of Pearson on S.R. 31. The current and future ADT is 2400 (1990) and 4100 (2010). Length of project is 0.21 miles.

The proposed typical section consists of a 24' asphalt concrete pavement with 8' wide graded shoulders. The proposed bridge replacement is a double-triple 9'x 8' x 55' concrete bridge culvert on existing alignment.

This project will provide a safety benefit to the traveling public and is therefore satisfactory for approval.

JJD:LEO:lw

cc: Jerry Lindsey, Dist. Pre-Const.; Don Senkbeil - Tifton



# DEPARTMENT OF TRANSPORTATION

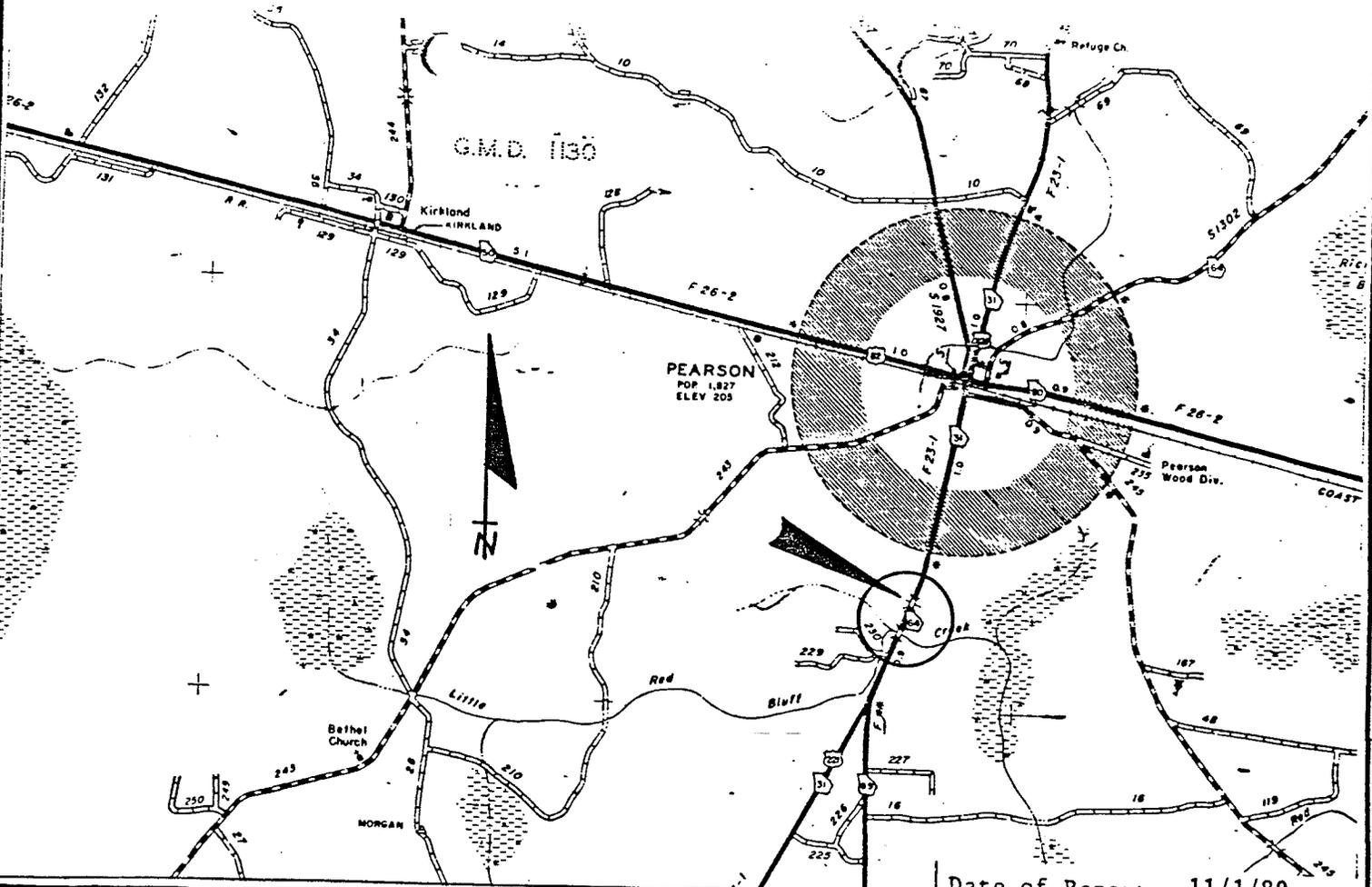
## STATE OF GEORGIA

PROJECT CONCEPT REPORT



BRF-023-1 (12) Atkinson County  
Bridge and approaches over Unnamed Creek

Federal Route No: 441  
State Route No: 31  
GaDOT P. I. No: 421440



Date of Report: 11/1/89

RECOMMENDATION FOR APPROVAL

11/12/89	<i>[Signature]</i>
Date	Project Manager (District Engineer or Office Head)
11/14/89	<i>Paul V. Tullis Jr.</i>
Date	State BRIDGE Engineer

PROJECT CONCEPT REPORT

PROJECT NO.: BRF-023-1 (12) Atkinson COUNTY

PREVIOUS PROJECT NO.: None ROUTE NO.: US 441/SR 31

LOCATION: Bridge and approaches over Unnamed Creek south of Pearson

TRAFFIC: CURRENT ADT 2400 (1990) PROJECTED ADT 4100 (2010)

EXISTING TYPICAL SECTION: 24 ft. asphaltic concrete paving with 7 ft. graded shoulders. 200 feet (100 feet left and 100 feet right) of existing right of way through the bridge section and 50 feet beyond on either end.

EXISTING MAJOR STRUCTURES: 100 ft. x 24 ft. bridge structure with timber pilings, timber caps, steel beams, concrete deck and concrete handrail.

STATEMENT OF NEED & PURPOSE OF PROJECT: To replace this narrow and structurally deficient bridge in this section of roadway. This bridge has a sufficiency rating of 32.5 and a needs rating of 58.

PROJECT CONCEPT:

LENGTH: 0.21 mile BEGINNING: Approximately 500 ft.  
south of the unnamed creek ENDING: Approximately 500 ft. north  
of the creek

PDP CLASSIFICATION: Minor FUNCTIONAL CLASSIFICATION: Minor Arterial

MAX. DEGREE OF CURVE: 0° MAX GRADES: 0% DESIGN SPEED: 55 mph

PROPOSED TYPICAL SECTION: 24 ft. asphaltic concrete paving with <sup>10</sup>8 ft. graded  
shoulders *10% (20,534-6,000) (2004)*

MAJOR STRUCTURES: Double - Triple 9' x 8' x 55' concrete bridge culvert on  
existing alignment.

TYPE ACCESS: unlimited

TRAFFIC CONTROL DURING CONSTRUCTION: An on-site runaround detour will be  
provided on the west (left) side of the existing bridge. 500 ft. x 50 ft. temporary  
easement would be required for the runaround detour.

ESTIMATED COST: R/W \$1,000 Includes E & C and 5%/yr.  
CONSTR. \$207,773 inflation  
TOTAL \$252,405.33

UTILITIES No cost to the County or Department  
is anticipated.

PERMITS REQUIRED: Nationwide 404 Permit

LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion

LEVEL OF PUBLIC INVOLVEMENT: None

TIME SAVING PROCEDURES APPROPRIATE: X YES NO

DESIGN VARIANCE REQUIRED: None

ALTERNATES CONSIDERED: 1. Build  
2. No Build

OTHER PROJECTS IN AREA: BRF-135-1 (6) Clinch

CONCEPT TEAM MEETING HELD: October 25, 1989

PRESENT: Jerry S. Lindsey, T. E. IV Ronnie M. Brogdon, T. E. III  
Raymond J. Stone, T. E. II  
Rudolph Ray, T. E. I  
Don R. Gaskins, T. P. I

FIELD REVIEW HELD: \_\_\_\_\_

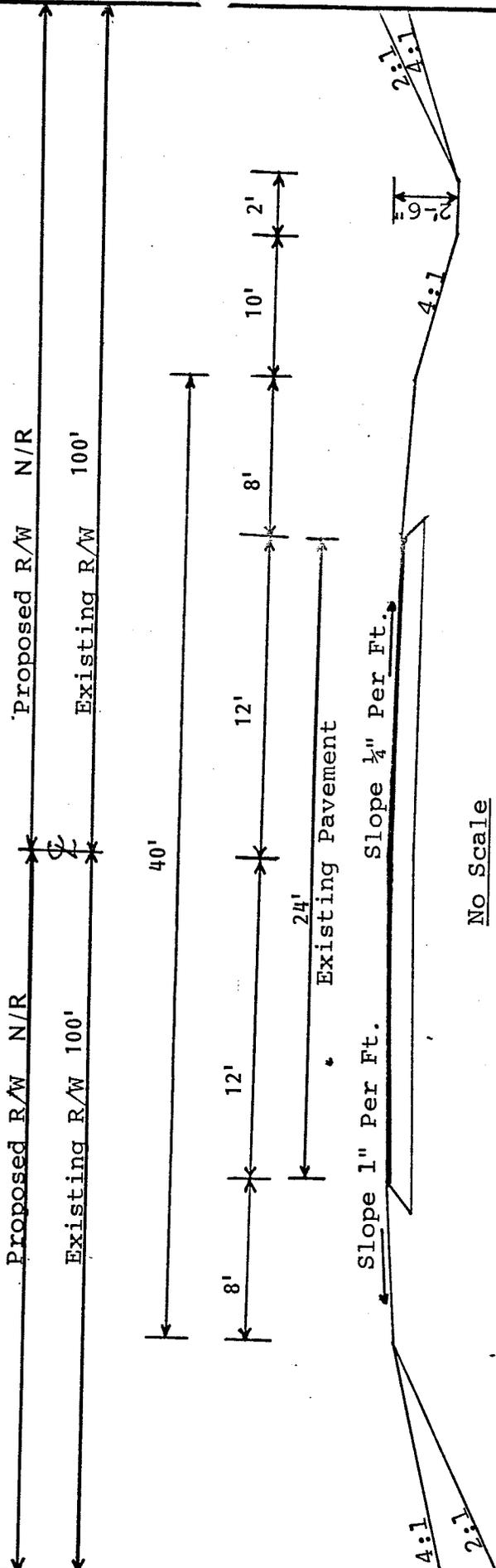
HAZARDOUS WASTE SITES/UNDERGROUND STORAGE TANKS None are located  
on this project.

COMMENTS: This project should be cost effective to alleviate a  
hazardous condition in this section of roadway by replacing this structurally  
deficient bridge. The drainage area obtained from old plans sheets  
indicates that a bridge culvert would be sufficient to handle the drainage  
at this location. This is a preliminary assessment and is subject to  
change when the new hydraulic study is complete.

An alternate route was not found to be suitable for  
detour in the area of this project.

Attachments: Typical Section  
~~Local Project Agreement~~  
Program Authorization Document  
Cost Estimate

# TYPICAL SECTION



No Scale

Required 24'-0" x 4" asphaltic concrete base, 2" asphaltic concrete "B" and resurfaced with 1 1/2" asphaltic concrete "E"