

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BHF-082-1(25) Whitfield County
P.I. No. 621305

OFFICE Preconstruction

DATE September 14, 1990

JB
FROM J. B. Johnson, Assistant Director Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

JBJ/cj

Attachment

DISTRIBUTION:

Juan Durrençe
Bob Humphrey
Frank Danchetz
Gene Skeen
Darrell Elwell
Ron Colvin
Walker Scott
Paul Liles
Harold Linnenkohl
Felton Rutledge

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BHF-082-1(25) Whitfield County OFFICE Preconstruction
 P.I. No. 621305
 Needs Rating- Suff. Rating-70.0 DATE September 5, 1990

FROM *[Signature]*
 William J. "Juan" Durrence, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT SR 52 AT MILL CREEK - PROJECT CONCEPT REPORT

This project is the widening of the bridge on SR 52 at Mill Creek in Dalton. The existing bridge is 52'x347' with steel and concrete T-beam, concrete deck and 6' sidewalk each side and has 4 travel lanes. Approaches have 4 lanes @ 12'. Current and future traffic is 14,300 VPD (1991) and 23,200 VPD (2011).

The existing bridge will be widened to 78' curb to curb and will have 6' sidewalks. This roadway section across the bridge will be compatible with the proposed approach roadway section of Project FR-082-1(24) which has an urban section with 5 @ 12' and 1 @ 14'. The bridge approaches will be constructed with the FR-082-1(24) project. Traffic will be maintained on existing road during construction. The estimated cost of the project is:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>LET DATE</u>
Constr(Infl&E/C)	\$708,000	\$365,000	FY 91
Right-of-way	\$ 5,100	No Est.	
Utilities	LGPA*	LGPA	

*LGPA signed by County on 15 Nov. 88

I recommend that we approve this project concept report, ~~that the project be removed from Preprogram Status and added to the Construction Work Program~~ for implementation. An opportunity for a public hearing will be advertised for the companion roadway project, FR-082-1(24) and will include subject project.

WJD/WLP/se

CONCUR: *G.C. Lewis*
 G. C. Lewis, State Highway Engineer

APPROVED: *Hal Rives*
 Hal Rives, Commissioner

17/6 JAV PROJECT

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED

AUG 28 1990

INTERDEPARTMENT CORRESPONDENCE

PRECONSTRUCTION

FILE BHF-082-1 (25) Whitfield County OFFICE Atlanta, Georgia
P.I. No. 621305
Bridge Widening on SR 52 Over Mill Creek DATE August 27, 1990

FROM Robert E. Humphrey, Project Review Engineer

TO William J. Durrence, Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for this Minor project and have the following comment:

Although it is not clearly stated in the Report, it appears that the approach work will be performed under Project No. FR-082-1 (24) and that BRF-082-1 (25) includes the bridge widening only. Our estimate, shown below, is based on that assumption.

We have received signed cover sheets from the following offices:

1. Bridge Design
2. Environmental

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$456,750	\$ 644,000
Inflation (5% per year)	---	
E & C (10%)	45,680	\$ 64,400
Preliminary Engineering (5%)	22,840	
Right of Way	5,100	
Utilities	LGPA	

MJB/jmf

Attachments

c: Felton D. Rutledge

DEPARTMENT OF TRANSPORTATION

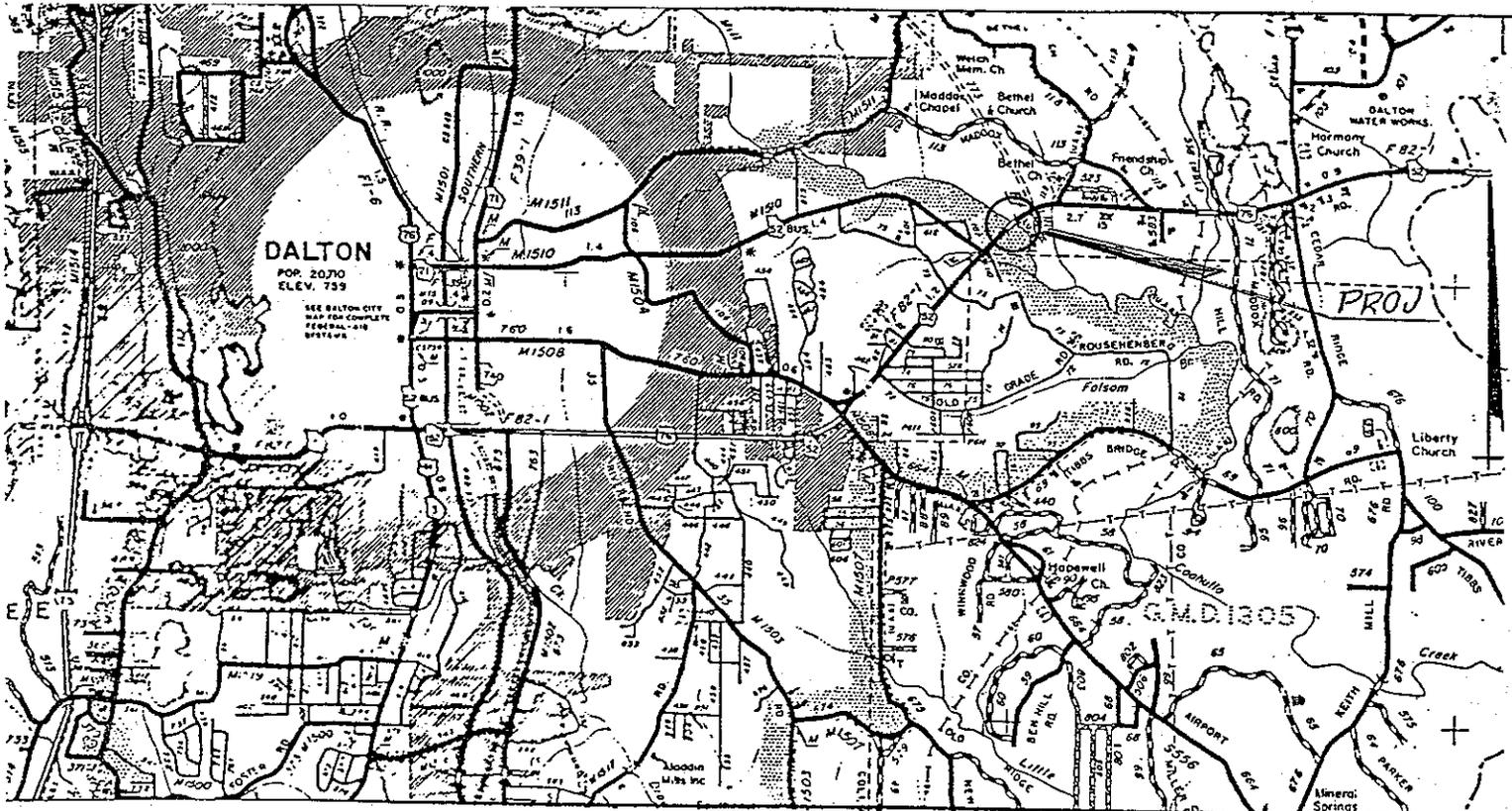
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BHF-082-1(25) WHITFIELD COUNTY
BRIDGE WIDENING OVER MILL CREEK ON SR 52



Federal Route No.: 76
State Route No.: 52
Ga. D.O.T. P. I. No.: 621305



Date Of Report: 5-15-90

RECOMMENDATION FOR APPROVAL

5-18-90
Date

Tom A. McNeal P.E.
Project Manager

Date

State Environmental Engineer

Date

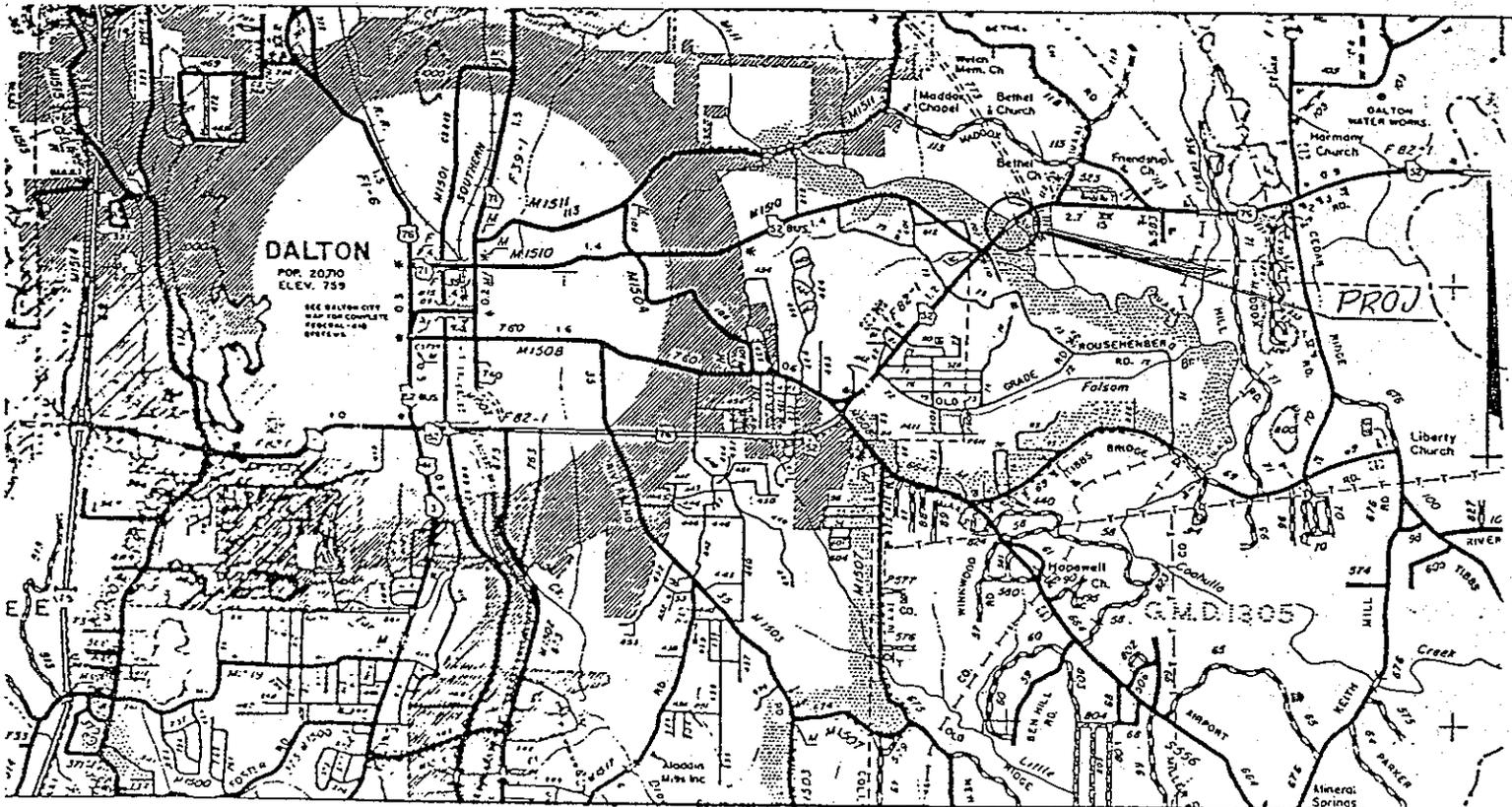
State Bridge Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BHF-082-1(25) WHITFIELD COUNTY
BRIDGE WIDENING OVER MILL CREEK ON SR 52

Federal Route No.: 76
State Route No.: 52
Ga. D.O.T. P. I. No.: 621305



Date Of Report: 5-15-90

RECOMMENDATION FOR APPROVAL

5-18-90
Date

Tom A. McFarland P.E.
Project Manager

6/4/90
Date

Caul V. Giles Jr.
State Environmental Engineer
State Bridge Engineer

DEPARTMENT OF TRANSPORTATION

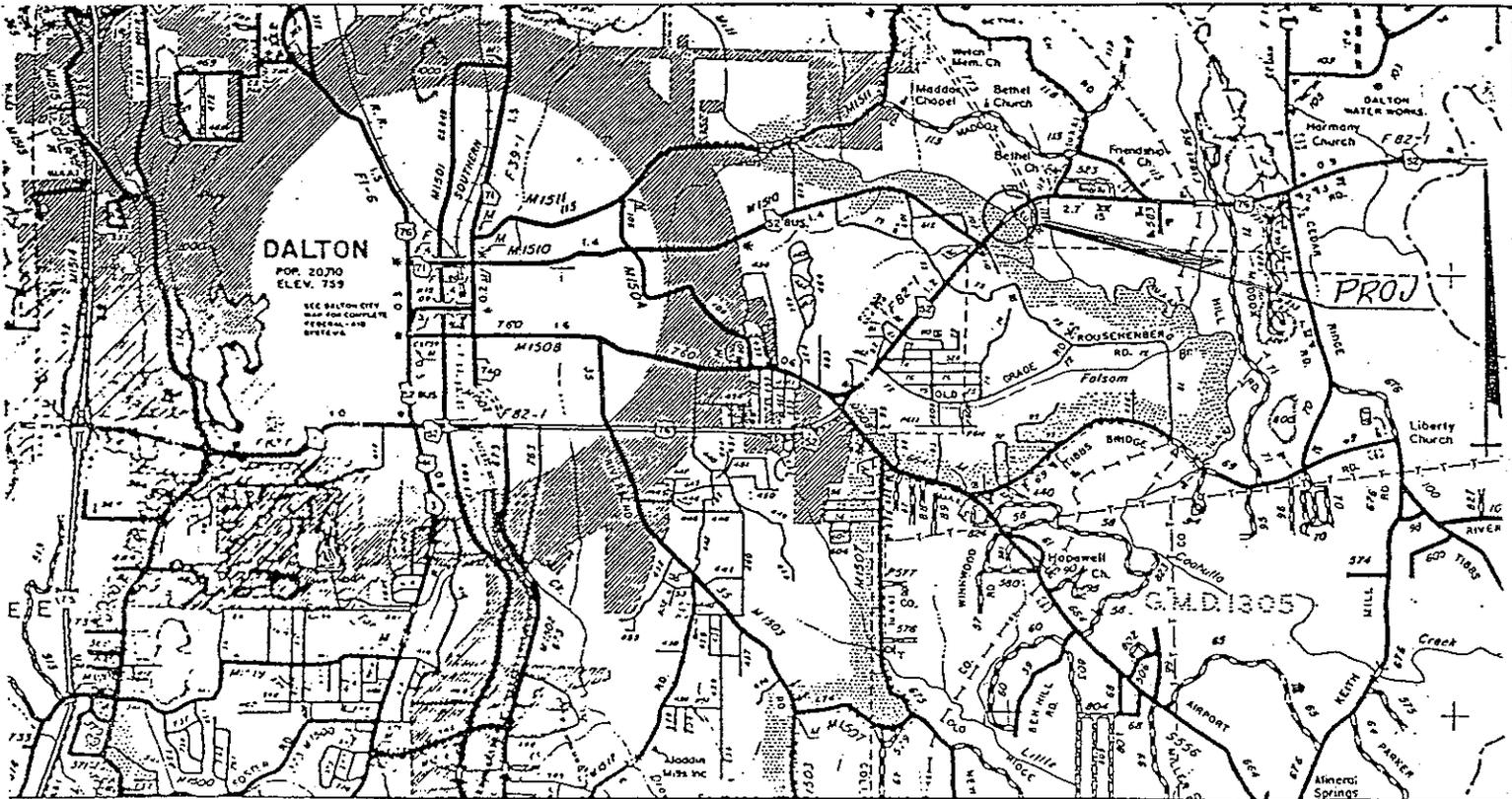
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BHF-082-1(25) WHITFIELD COUNTY
BRIDGE WIDENING OVER MILL CREEK ON SR 52



Federal Route No.: 76
State Route No.: 52
Ga. D.O.T. P. I. No.: 621305



Date Of Report: 5-15-90

RECOMMENDATION FOR APPROVAL

5-18-90
Date
6-01-90
Date
Date

Tom A. McDaniel #1
Project Manager
Frank L. Danchette
State Environmental Engineer
State Bridge Engineer

PROJECT CONCEPT REPORT

DATE: May 10, 1990

PROJECT NUMBER: BHF-082-1(25)

COUNTY: Whitfield

PROJECT NAME: Bridge Widening on SR 52 over Mill Creek

P. I. NUMBER: 621305

U. S. ROUTE NO: 76

STATE ROUTE NO: 52

LOCATION

SR 52 over Mill Creek

TRAFFIC

CURRENT

PROJECTED

YEAR

AADT

YEAR

AADT

1991

14300

2011

23200

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

Minor

Rural Minor Arterial

EXISTING TYPICAL SECTION

Four 12 ft. lanes with curb and gutter left and right.

POSTED SPEED

MAX EXIST DEGREE OF CURVE

MAX EXIST GRADE

45 mph

Tang. 0

8.0 %

EXISTING MAJOR STRUCTURES

RANK

N. RTG

S. RTG

FEATURES INTERSECTED

LENGTH

WIDTH

1509

70.0

See Sheet 2-A

PROJECT NEED: See Sheet No. 3-A

EXISTING MAJOR STRUCTIONS:

The existing bridge at Mill Creek (I.D. 313-00052-005.66E) is 347' x 52' concrete bridge built in 1969 and widened out to 52 ft. in 1980 under Project No. DP-F-82-1(10). The existing bridge consists of 1.) one steel I-beam span, 2.) nine concrete T-beam approach spans, 3.) HS 20 military design, 4.) 7.8" concrete deck, 5.) six ft. sidewalk each side, 6.) four travel lanes, 7.) the aluminum handrail std. 3626 to be salvaged and stockpiled for pick up by D.O.T. Maintenance.

PROJECT CONCEPT REPORT

PROJECT NUMBER: BHF-082-1(25)

PROPOSED TYPICAL SECTION

Five 12 ft. lanes & one 14 ft. lane with curb & gutter left & right.

DESIGN SPEED

55 mph

MAX DEGREE OF CURVE

ALLOWABLE: Tange %

PROPOSED: Tange %

MAX GRADE

ALLOWABLE: 8.0 %

PROPOSED: 8.0 %

MAJOR STRUCTURES

Widen the existing 347' x 52' concrete bridge to 78'.

TYPE ACCESS: Non Limited

TRAFFIC CONTROL DURING CONSTRUCTION: Maintain traffic during construction.

ESTIMATED COST:

CONSTRUCTION: \$1,136,772.00

RIGHT-OF-WAY: \$5,100.00

E & C (10%): \$113,677.20

ACQUIRED BY: Ga. D.O.T.

INFLATION: \$62,522.46
1 yrs at 5% per yr

UTILITIES: \$386,544.00

TOTAL CONST COST: \$1,315,000.00

ADJUSTED BY: See Attachment

DISPLACEMENTS: Unknown at this date.

LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion

LEVEL OF PUBLIC INVOLVEMENT: Advertise opportunity for a Public Hearing

TIME SAVING PROCEDURES APPROPRIATE: ~~YES~~ NO

DESIGN VARIATIONS REQUIRED: None

PROJECT CONCEPT REPORT

PROJECT NUMBER: BHF-082-1(25)

OTHER PROJECTS IN AREA: F-082-1(20) Whitfield (North Dalton Bypass) & FR-082-1(24) Whitfield
(Widen & Reconstruct SR 52)

CONCEPT TEAM MEETING DATE: January 26, 1990

LOCATION INSPECTION DATE: January 26, 1990

PERMITS REQUIRED (4f, COE 404, etc.): 4f and COE 404

UNDERGROUND STORAGE TANKS: Unknown as of this date.

HAZARDOUS WASTE SITES: Unknown as of this date.

OTHER ALTERNATES CONSIDERED: 1.) Widen the existing bridge in width from
52 ft. to 78 ft. WITH 6' SIDEWALKS EACH SIDE

2.) No build.

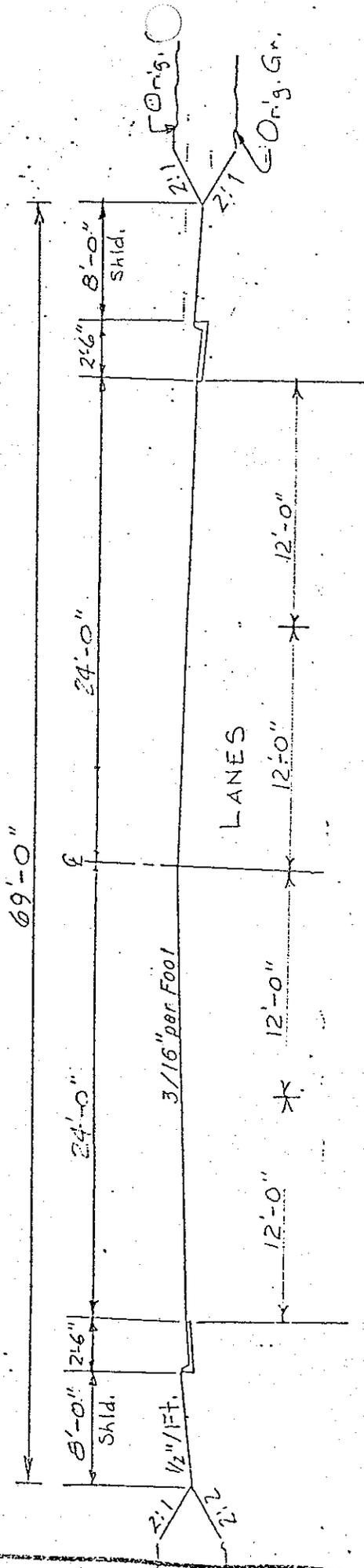
COMMENTS: Alternate No. 1 is the recommended alternate.

Prepared By: Charles Hiers

ATTACHMENTS: Typical Section
Cost Estimate
Local Government Project Agreement

EXISTING
TYPICAL SECTION

FOR
PROJECT CONCEPT REPORT



EXISTING RIGHT OF WAY : 100' TO 140'

REQUIRED RIGHT OF WAY : 130' TO 160'

LENGTH OF PROJECT : 0.2 MI. ±

BEG 500' ± S. OF MILL CREEK

END 500' ± N. OF MILL CREEK

PROPOSED TYPICAL SECTION

FOR
PROJECT CONCEPT REPORT

