

ORIGINAL COPY - FOR GENERAL FILE

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRZLB-013(11) Barrow County OFFICE Preconstruction
 P.I. No. 170726 DATE August 4, 1992

FROM *CWH*
 C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/se

Attachment

DISTRIBUTION:

- John Lively
- Robert E. Humphrey
- David Studstill
- Herman Griffin
- Roland Hanners
- Darrell Elwell
- George Boulineau
- Ron Colvin
- Paul Liles
- Hugh Tyner

TIME SAVING
PROCEDURES

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

JUN 29 1992

INTERDEPARTMENT CORRESPONDENCE

FILE BRZLB-013 (11) Barrow County OFFICE Atlanta, Georgia
P.I. No. 170726
Bridge CR 228 at Beech Creek DATE June 26, 1992

FROM Robert E. Humphrey, Project Review Engineer *REHcom*

TO Hoyt J. Lively, Jr., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

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

The Report states that Utility relocations and Right of Way acquisitions will be the responsibility of local government, however, a Local Government Project Agreement was not included with the Report.

We have received signed cover sheets from the following offices:

Bridge Design

Traffic and Safety

Environmental

This report is satisfactory for approval.

The estimated costs of this project are as follow

| | |
|------------------------------|-----------------------|
| Construction | \$226,500 |
| Inflation (5% per year) | 11,325 |
| E & C (10%) | 237,825 23 |
| Preliminary Engineering (5%) | 11,325 |
| Right of Way | LGPA |
| Utilities | LGPA |

Cost \$109,000

*RW
Util Barrows sign 1-14-92
for RW, Util + detours
Does have it included*

*1994 93-07
possible Historic -
3 DNR sites
Double-Triple Culv ?*

BDM/jmf

Attachments

c: Hugh Tyner

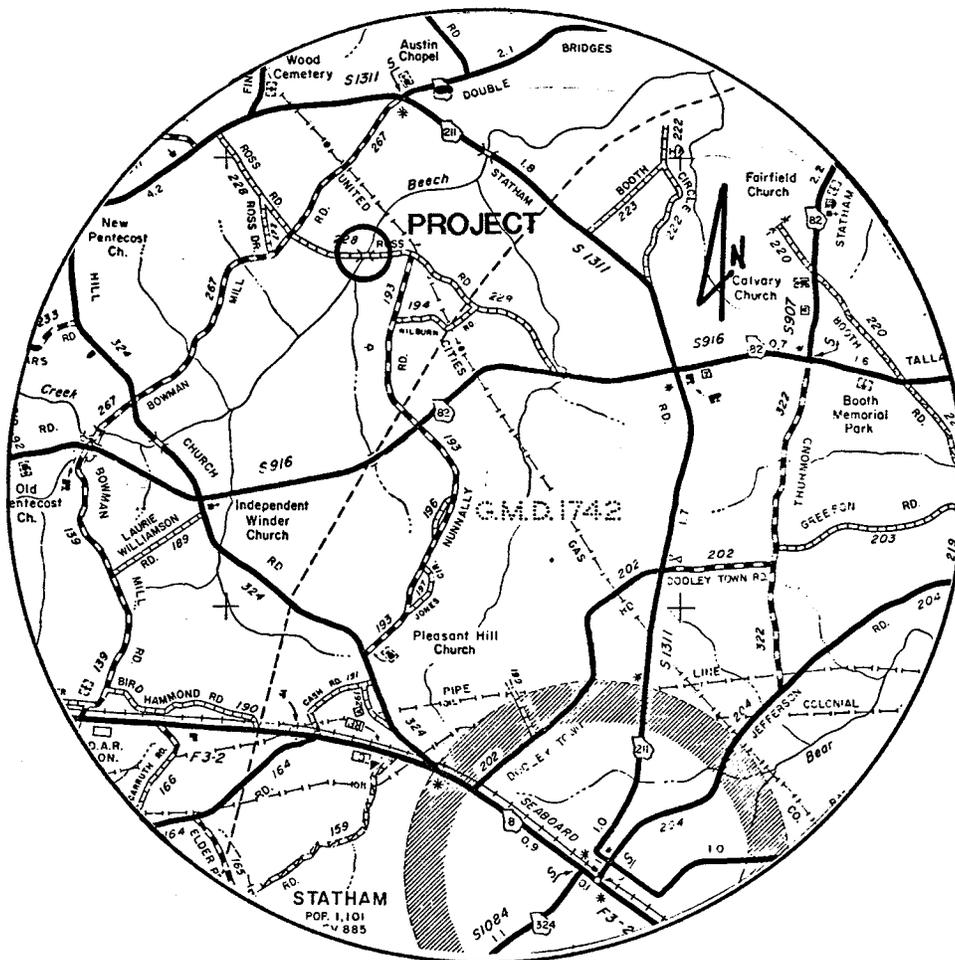
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BRZLB-013 (11)

BARROW COUNTY

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROAD NO: 228 / ROSS ROAD
GADOT P.I. NO: 170726



Date of Report: May-26-1992

RECOMMENDATION FOR APPROVAL

6-1-92
DATE

Hugh L. Tyner
Hugh L. Tyner, P.E., District Engineer

DATE

State Environmental Engineer

DATE

State Engineer

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE: BRZLB-013(11), BARROW County
P. I. No. 170726

OFFICE: Gainesville, GA.

DATE: JUNE 3, 1992

FROM: Hugh L. Tyner, District Engineer

TO: Robert Humphrey, Engineering Services

ATTENTION: DAVID T. MULLING

SUBJECT: ORIGINAL CONCEPT REPORT



We are sending you the following:

1 - Original Concept Report

0 - Blueline print of Cover, Typical Section and
Plan and Profile sheets.

HLT:CEW:LTD

C: David Studstill,

Ron Colvin, Paul Liles

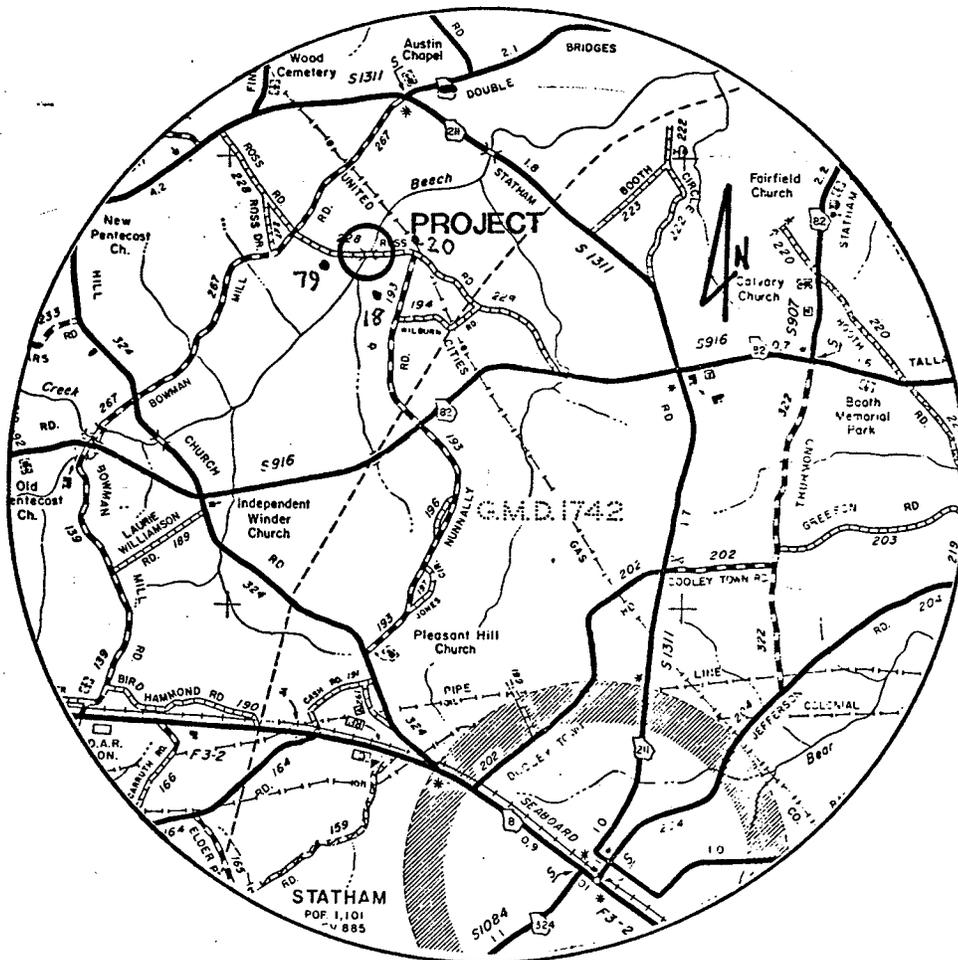
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BRZLB-013 (11)

BARROW COUNTY

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROAD NO: 228 / ROSS ROAD
GADOT P.I. NO: 170726



Date of Report: May-26-1992

RECOMMENDATION FOR APPROVAL

6-1-92
DATE

Hugh L. Tyner
Hugh L. Tyner, P.E., District Engineer

6-22-92
DATE

Oil E. Tull
State Environmental Engineer

DATE

State Engineer

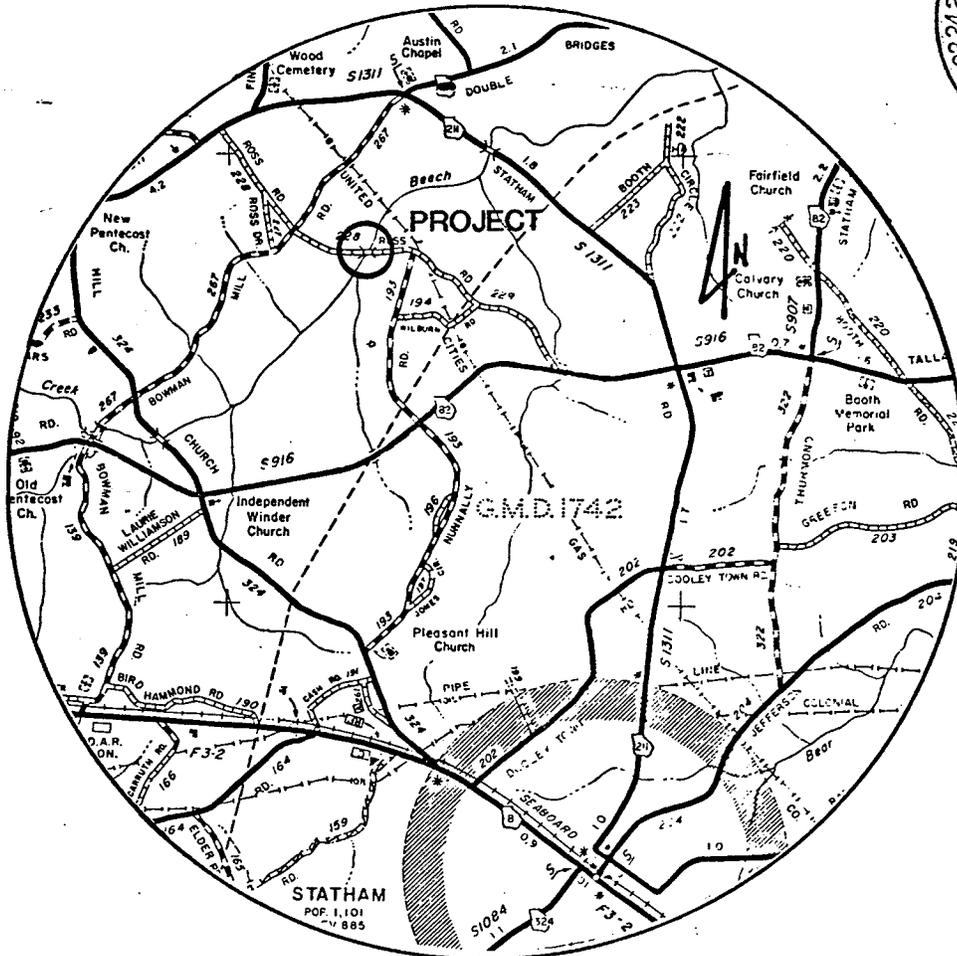
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BRZLB-013 (11)

BARROW COUNTY

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROAD NO: 228 / ROSS ROAD
GADOT P.I. NO: 170726



Date of Report: May-26-1992

RECOMMENDATION FOR APPROVAL

6-1-92
DATE

Hugh L. Tyner
Hugh L. Tyner, P.E., District Engineer

DATE

State Environmental Engineer

6/12/92
DATE

Ron Williams
State Traffic & Safety Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRZLB-013 (11), Barrow County OFFICE Atlanta, Georgia
P.I. No. 170726 DATE June 10, 1992

FROM *RC* Ron Colvin, P.E., State Traffic and 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 the proposed replacement of a washed-out bridge on C.R. 228 at Beech Creek north of Statham. We believe this concept will improve safety at this location. We therefore find this report satisfactory for approval.

RC:CKE:ds
Attachment (signature page)
cc: Hugh Tyner

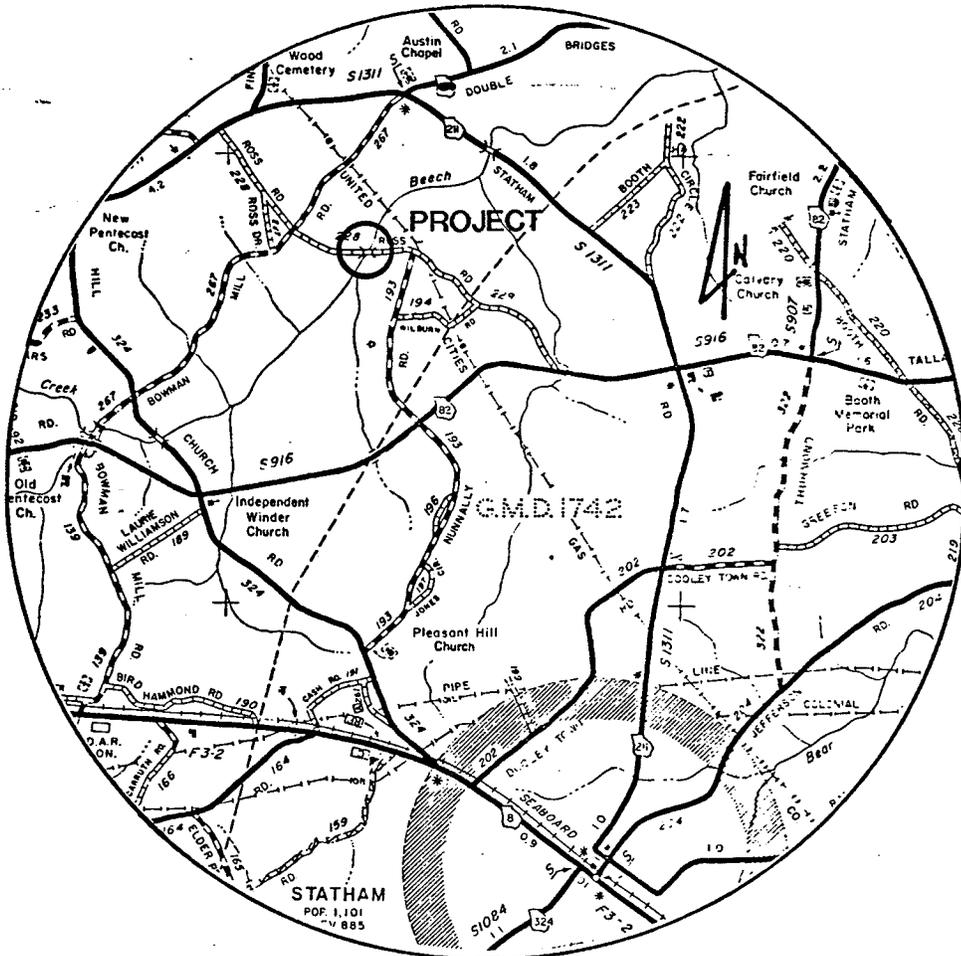
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BRZLB-013 (11)

BARROW COUNTY

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROAD NO: 228 / ROSS ROAD
GADOT P.I. NO: 170726



Date of Report: May-26-1992

RECOMMENDATION FOR APPROVAL

6-1-92
DATE

Hugh L. Tyner
Hugh L. Tyner, P.E., District Engineer

DATE

State Environmental Engineer

6/8/92
DATE

Paul V. Tills Jr.
State Bridge Engineer

PROJECT CONCEPT REPORT

P.I. NO: 170726

PROJECT NO: BRZLB-013(11)

BARROW COUNTY

PREVIOUS PROJECT NO.: NONE

ROUTE NO: C.R. 228 / ROSS ROAD

LOCATION: THIS PROJECT IS LOCATED APPROXIMATELY 4.3 MILES NORTHWEST OF THE CITY OF STATHAM ON C.R. 228 AT BEECH CREEK.

TRAFFIC: CURRENT ADT: 200 (1996)

PROJECTED ADT: 350 (2016)

EXISTING TYPICAL SECTION: THE EXISTING TYPICAL SECTION CONSISTS OF 18 TO 20 FT. OF DIRT ROADWAY WITH 0 TO 4 FT. GRADED SHOULDERS.

EXISTING MAJOR STRUCTURES: BRIDGE OUT - NO EXISTING STRUCTURE IS IN PLACE.

STATEMENT OF NEED AND PURPOSE OF PROJECT: THIS PROJECT IS NEEDED TO REPLACE A WASHED-OUT BRIDGE ON A DEVELOPING COUNTY ROAD. THIS PROJECT HAS A NEEDS RATING OF 72.

LENGTH: .130 (MILES)

BEGINNING: APPROXIMATELY 350 FT. WEST OF BEECH CREEK.

ENDING: APPROXIMATELY 350 FT. EAST OF BEECH CREEK.

PDP CLASS.: MINOR

FUNCTIONAL CLASS.: LOCAL ROAD

MAX DEGREE OF CURVE: 16 DEG.

MAX GRADES: 5 %

DESIGN SPEED: 35 MPH

PROPOSED TYPICAL SECTION: TWO 10 FT. WIDE TRAVEL LANES WITH 4 FT. GRADED SHOULDERS.

MAJOR STRUCTURES: THE REQUIRED STRUCTURE WILL CONSIST OF 48 LF. OF A DOUBLE - TRIPLE 10 X 8 CONCRETE BRIDGE CULVERT.

TYPE ACCESS: CONTROLLED BY COUNTY

TRAFFIC CONTROL DURING CONSTRUCTION: ROAD TO BE CLOSED DURING CONSTRUCTION. BARROW COUNTY HAS SIGNED LGPA TO PROVIDE DETOUR ROUTES DURING CONSTRUCTION.

ESTIMATED COST:

| ITEM: ----- | TOTAL AMOUNT ----- |
|-----------------------------|-----------------------|
| R/W _____ \$ | LGPA |
| UTILITIES _____ | LGPA |
| SUBTOTAL _____ | 0 |
| CONSTRUCTION _____ | 226,500 |
| INFLATION _____ | 13,342 |
| E&C (10%) _____ | 23,984 |
| TOTAL CONSTRUCTION _____ \$ | 263,826 |

PERMITS REQUIRED: C.O.E. NATIONWIDE PERMIT (COVERED UNDER C.E.)

LEVEL OF ENVIRONMENTAL ANALYSIS: CATEGORICAL EXCLUSION

LEVEL OF PUBLIC INVOLVEMENT: NO HEARING REQUIRED

TIME SAVING PROCEDURES APPROPRIATE: YES (XX) NO ()

DESIGN VARIANCES REQUIRED: NONE EXPECTED

ALTERNATIVES CONSIDERED: NO BUILD; REJECTED AS NOT MEETING THE TRANSPORTATION DEMAND.

OTHER PROJECTS IN AREA: NONE

CONCEPT TEAM MEETING HELD: NO FORMAL MEETING HELD
PRESENT:

FIELD REVIEW HELD: TO BE HELD AT A LATER DATE.

COMMENTS:

PRELIMINARY COST ESTIMATE

PREPARED BY: LTD

DATE: May-26-1992

ESTIMATED LETTING DATE: Jul-30-1993

PROJECT NO: BRZLB-013(11)

COUNTY: BARROW

P.I. NO: 170726

MILEAGE: 0.130

PROJECT DESCRIPTION: THIS PROJECT IS FOR THE REPLACEMENT OF BRIDGE AND APPROACHES ON C.R. 228 / ROSS RD. AT BEECH CREEK.

PROPOSED CONCEPT: TWO 10 FT. TRAVEL LANES WITH 4 FT. GRADED SHOULDERS

EXISTING ROADWAY (IF APPLICABLE): N/A

TRAFFIC: EXISTING: 200

DESIGN: 350

() PROGRAMMING PROCESS (XX) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COSTS

A. RIGHT-OF-WAY:

| | | | |
|---------------------------------------|-----------------|----|------|
| 1. PROPERTY (land & easements) | _____ | \$ | 0 |
| 2. DISPLACEMENTS | _____ | \$ | 0 |
| 3. OTHER COST (adm./court, inflation) | _____ | \$ | 0 |
| | SUBTOTAL: _____ | \$ | LGPA |

B. REIMBURSABLE UTILITIES:

| | | | |
|-----------------------|-----------------|----|------|
| 1. RAILROAD | _____ | \$ | 0 |
| 2. TRANSMISSION LINES | _____ | \$ | 0 |
| 3. SERVICES | _____ | \$ | 0 |
| | SUBTOTAL: _____ | \$ | LGPA |

C. MAJOR STRUCTURES:

| | | |
|--------------------|----|------------|
| 1. RETAINING WALLS | \$ | 0 |
| 2. BRIDGES | \$ | 0 |
| 3. DETOUR BRIDGES | \$ | 0 |
| 4. BOX CULVERTS | \$ | 110,000 |
| SUBTOTAL: | | \$ 110,000 |

D. GRADING AND DRAINAGE

| | | |
|--|----|-----------|
| 1. EARTHWORK: | \$ | 80,000 |
| 2. DRAINAGE: | | |
| a. Cross Drain Pipe (exc box culverts) | \$ | 5,000 |
| b. Curb and Gutter | \$ | 0 |
| c. Longitudinal System (incl catch basins) | \$ | 0 |
| SUBTOTAL: | | \$ 85,000 |

E. BASE AND PAVING:

| | | |
|--------------------|----|----------|
| 1. Aggregate Base | \$ | 7,000 |
| 2. Asphalt Paving | \$ | 0 |
| 3. Concrete Paving | \$ | 0 |
| 4. Other | \$ | 0 |
| SUBTOTAL: | | \$ 7,000 |

F. LUMP ITEMS:

| | | |
|--------------------------|----|-----------|
| 1. TRAFFIC CONTROL | \$ | 5,000 |
| 2. CLEARING AND GRUBBING | \$ | 4,500 |
| 3. LANDSCAPING | \$ | 1,100 |
| 4. EROSION CONTROL | \$ | 3,500 |
| 5. DETOURS | \$ | 0 |
| SUBTOTAL: | | \$ 14,100 |

G. MISCELLANEOUS:

| | | |
|---------------------------------------|----|-----------|
| 1. LIGHTING | \$ | 0 |
| 2. SIGNING - STRIPING | \$ | 0 |
| 3. GUARDRAIL | \$ | 10,400 |
| 4. SIGNAL - SIDEWALK - MEDIAN BARRIER | \$ | 0 |
| SUBTOTAL: | | \$ 10,400 |

H. SPECIAL FEATURES: _____ \$ 0

ESTIMATE SUMMARY
=====

A. RIGHT-OF-WAY _____ \$ LGPA
B. REIMBURSABLE UTILITIES _____ \$ LGPA

CONSTRUCTION ESTIMATE SUMMARY
=====

C. MAJOR STRUCTURES _____ \$ 110,000
D. GRADING AND DRAINAGE _____ \$ 85,000
E. BASE AND PAVING _____ \$ 7,000
F. LUMP ITEMS _____ \$ 14,100
G. MISCELLANEOUS _____ \$ 10,400
H. SPECIAL FEATURES _____ \$ 0

SUBTOTAL CONSTR COST _____ \$ 226,500
E. & C. (10%) _____ \$ 23,984
INFLATION (5% PER YEAR) _____ \$ 13,342
TOTAL CONSTRUCTION COST _____ \$ 263,826

GRAND TOTAL PROJECT COST _____ \$ 263,826
=====



ORIGINAL
GENERAL FILES

Department of Transportation
State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

WAYNE SHACKELFORD
COMMISSIONER

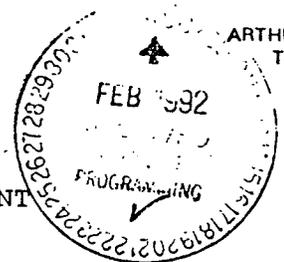
CRAIG C. BRACK
DEPUTY COMMISSIONER

G. CHARLES LEWIS
STATE HIGHWAY ENGINEER

ARTHUR A. VAUGHN
TREASURER

December 30, 1991

LOCAL GOVERNMENT PROJECT AGREEMENT



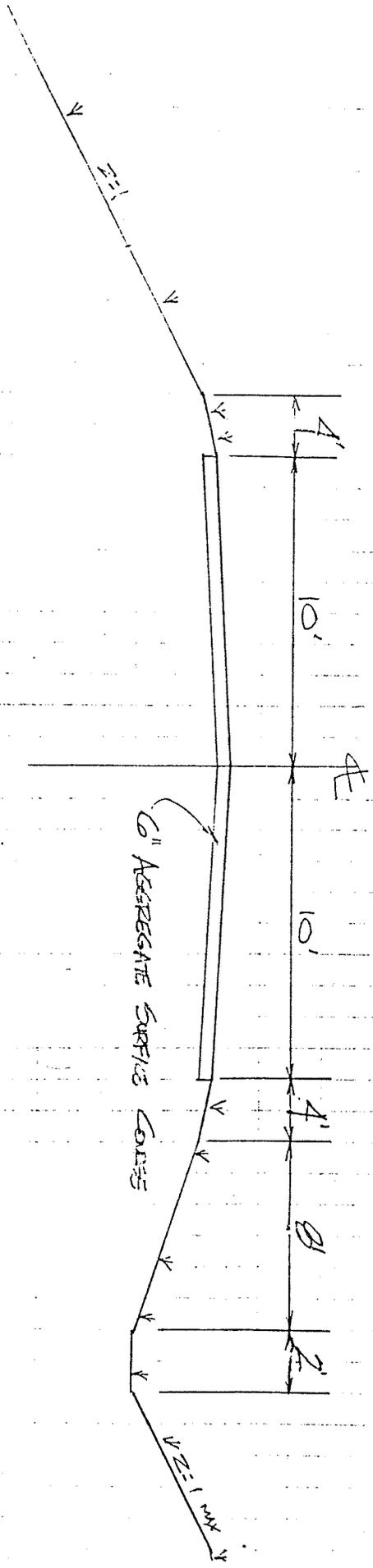
In consideration of the proposed improvements, the County of BARROW agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRZLB-013(11), PI # 170726, BARROW County:

SR 0 - BRIDGE REPLACEMENT
CR 228/ROSS RD @ BEECH CRK

- Provide all rights-of-way and/or easements needed for the construction of project and remove existing structures or obstructions within the rights-of-way.
- Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.
- Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.
- Furnish any detours needed during construction.

This 14th day of January, 1992

APPROVED [Signature]
City/County Official



TYPICAL SECTION
NO SALS