

D.O.T. 66

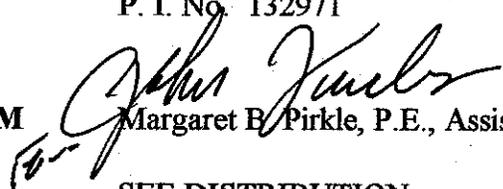
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(14) Barrow County
P. I. No. 132971

OFFICE Preconstruction

DATE February 11, 2004

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

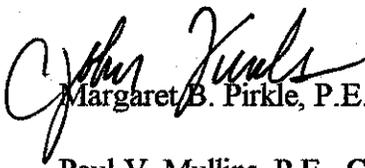
DISTRIBUTION:

David Mulling
Harvey Keeper
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Brent Story
Todd Long
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(14) Barrow County **OFFICE** Preconstruction
P.I. No. 132971 **DATE** January 22, 2004

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO Paul V. Mullins, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on SR 11/Winder-Monroe Highway over Scott Creek, 1.7 mile south of Bethlehem, Georgia. The existing bridge, constructed in 1942, is load limited with a sufficiency rating of 58. The original design load capacity is H-15. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement. State Route 11 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. This section of SR 11 is functionally classified as a rural minor arterial. Traffic is projected to be 9,200 VPD and 15,000 VPD in the years 2007 and 2027 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to relocate SR 11 east of its present location, extending 0.21 mile. The proposed new bridge will be 256' x 56' and will be located just east of the existing bridge structure. The relocated SR 11 will consist of three, 12' lanes with 10' rural shoulders (4' paved). The passing lane north of Scott Creek will be extended south towards the intersection of SR 11 and Tanners Bridge Road to provide for a northbound left turn lane from SR 11 to Tanners Bridge Road. Traffic will be maintained on the existing bridge while the proposed bridge is constructed.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

This project will require split funding because the sufficiency rating exceeds 50. "BR" funding will cover the amount equal to the widening and the remainder will consist of "STP" funding.

BRST-052-1(14) Barrow
January 22, 2004

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	BR \$746,000 STP \$930,000	BR \$746,000 STP \$930,000	2008	2008
Right-of-Way	\$ 20,000	\$ 20,000		
Utilities*	LGPA	LGPA		

*Barrow County signed LGPA for utilities 8-1-99.

I recommend this project concept be approved.

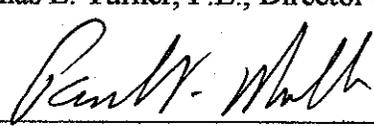
MBP:JDQ/cj

Attachment

CONCUR


Thomas L. Turner, P.E., Director of Preconstruction

APPROVE


Paul V. Mullins, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BRST-052-1(14) Barrow
P.I. No. 132971
S.R. 11 @ Scott Creek

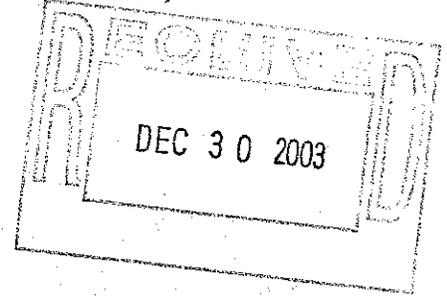
OFFICE: Engineering Services

DATE: December 30, 2003

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT



We have reviewed the Concept Report submitted December 29, 2003 by the letter from Brent A. Story dated December 22, 2003, and have the following comments:

- FEMA coordination was noted on Page 5 of the Draft Concept Report. Ensure this is addressed in the Hydraulic Study for this project.
- Reimbursable Utility costs should be included in the Cost Estimate for informational purposes.
- The status of the LGPA should be noted in the Concept Report.

The costs for the project are:

	Bridge Replacement	Bridge Widening
Construction	\$1,252,922	\$558,038
Inflation	\$270,013	\$120,261
E&C	\$152,294	\$67,830
Reimbursable Utilities	Not included	(LGPA anticipated) Not included
Right of Way	\$20,000	\$0.00

NOTE: This project will require split funding since the bridge has a sufficiency rating above 50 and is to be replaced. The BR funding is the amount equal to the Bridge Widening costs. Other costs will have to come from other funding sources.

REW

c: Brent A. Story, Attn: Ted Cashin

SCORING RESULTS AS PER MOG 2440-2

Project Number: BRST-052-1(14))		County: Barrow		PI No.: 132971	
Report Date: December 22, 2003		Concept By: DOT Office: Consultant Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: URS Corporation			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	90	Reimbursable Utility costs should be included in the Cost Estimate for informational purposes.			
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

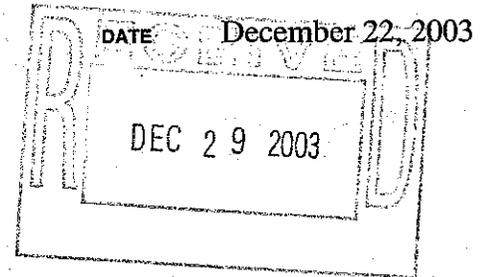
FILE **BRST-052-1(14) Barrow County**
SR 11/Winder-Monroe Hwy. @ Scott Creek South of Bethlehem
P.I. No. 132971-

OFFICE Atlanta

FROM *BA Story*
Brent A. Story / State Consultant Design Engineer

TO Margaret B. Pirkle, Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**



Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

Those on the distribution list below should review the Concept Report and send comments and/or the signature page to the Preconstruction Office within 10 days as per the PDP.

Note that this concept report replaces the one dated December 5 which has been withdrawn. Also please note that due to a sufficiency rating over 50 this project will have to be split-funded with \$734,102 in BR funding and \$934,125 in other funds.

If you have any questions or require further information please call (404)463-6135 or Kevin Hosey of URS Corporation at (678) 808-8800.

Distribution:

- David Mulling, Project Review Engineer
- Harvey Keeper, State Environmental/Location Engineer
- Phillip Allen, State Traffic Safety and Design Engineer
- Joe Palladi, State Transportation Planning Administrator
- Percy Middlebrooks, Office of Financial Management Administrator
- Todd Long, District Engineer – Gainesville
- Paul Liles, State Bridge & Structural Engineer

BAS:MAH:EJC

cc: URS Corporation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE 12-22-03



Project Manager

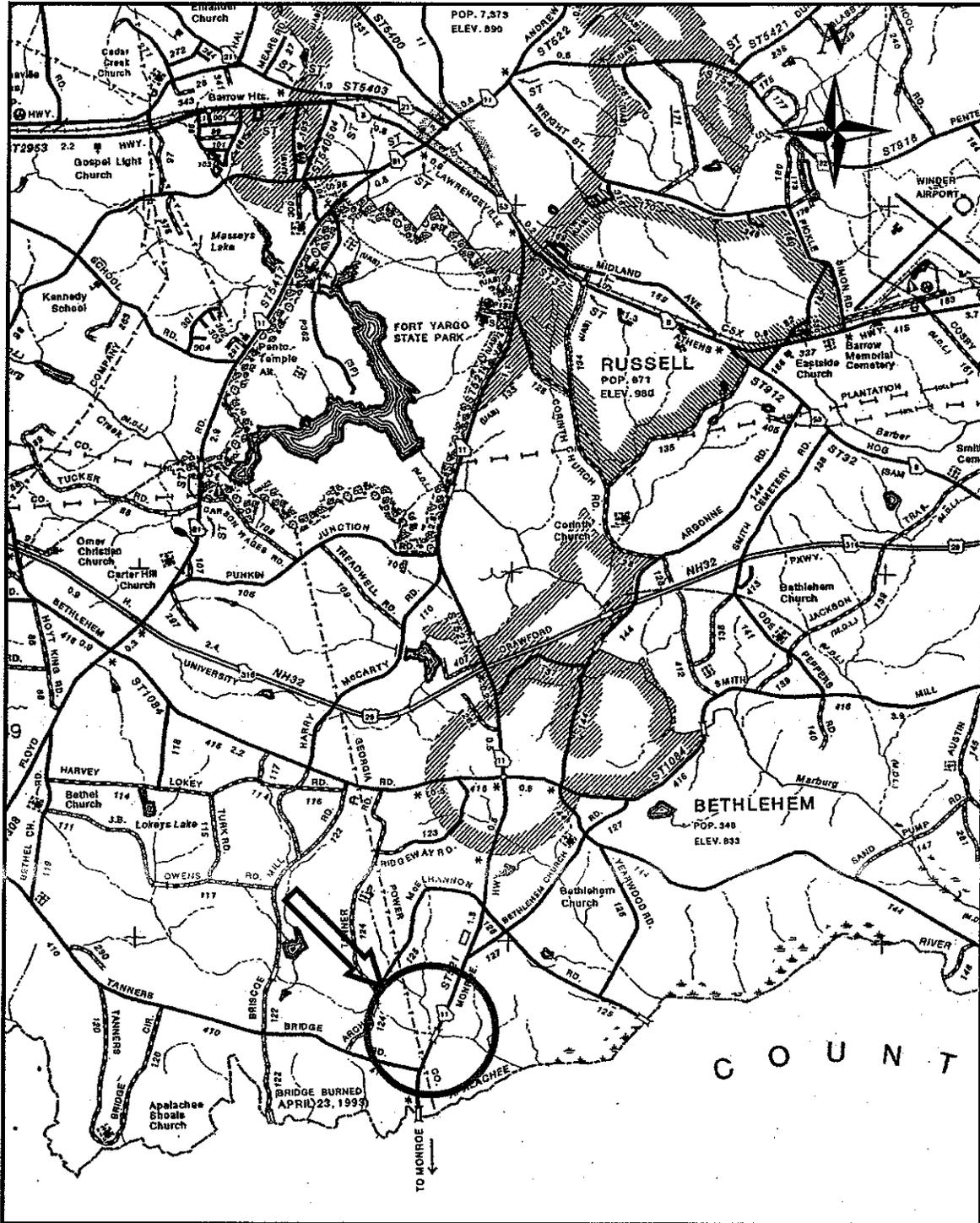
DATE 12-22-03



State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____	State Transportation Planning Administrator
DATE _____	Financial Management Administrator
DATE _____	State Environmental / Location Engineer
DATE _____	Project Review Engineer
DATE _____	State Traffic Safety and Design Engineer
DATE _____	State Bridge & Structural Design Engineer
DATE _____	District Engineer



Scale: 1 inch = 1 mile

Location Map

Project: BRST-052-1(14) Barrow County PI No.: 132971

Description: SR 11/Winder-Monroe Hwy. @ Scott Creek South of Bethlehem

Right of way

- o Width: 120 ft.
- o Easements: Temporary , Permanent , Utility , Other .
- o Type of access control: Full , Partial , By Permit , Other .
- o Number of parcels: 9 Number of displacements:
 - o Business: 0
 - o Residences: 0
 - o Mobile homes: 0
 - o Other: 0

• Structures:

- o Bridges – New bridge over Scott Creek, approximately 125 ft in length, 56 ft wide gutter-to-gutter, 1-12' lane in each direction with 10 ft shoulders, 1 passing lane in the north bound direction.
- o Retaining walls: N/A

- Traffic control during construction: Traffic will utilize existing bridge and roadway during construction of new permanent bridge and realignment.

• Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SIGHT DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances – None expected
- Environmental concerns: None anticipated
- Level of environmental analysis:
 - o Are Time Savings Procedures appropriate? Yes , No .
 - o Categorical exclusion anticipated .
 - o Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - o Environmental Impact Statement (EIS) .
- Utility involvements: Power, gas

Project responsibilities:

- o Design, GDOT.
- o Right of way acquisition, GDOT.
- o Relocation of utilities, Barrow County.
- o Letting to contract, GDOT.
- o Supervision of construction, GDOT.
- o Providing material pits, contractor.
- o Providing on site detour, GDOT.

Coordination

- Concept meeting date and brief summary: Concept meeting held at 9 A.M. on July 10, 2003 at the District Office (minutes attached)
- P. A. R. meetings, dates and results: Not required
- FEMA, USCG, and/or TVA: FEMA (project encroaches mapped 100-year floodplain).
- Public involvement. *None anticipated*
- Local government comments: *None at this time*
- Other projects in the area: BRST-052-1 (15)-SR 11 at Apalachee River, 0.5 mile south of Scott Creek Bridge

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 4 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 4 Months.
- Time to purchase right of way: 6 Months.
- List other major items that will affect the project schedule: None

Alternates considered:

1. Replace bridge on existing location with on-site detour (temporary bridge).
2. Replace bridge on existing location with off-site detour.
3. Replace bridge on new permanent realignment.
4. No Build.

Comparison Summary of Concepts 1 - 4

Alternative (3) is the preferred alternate.

Alternative (2) was discounted because there is no suitable detour route

Alternative (1) was discounted due to higher construction related costs, added utility and right of way costs, and greater negative environmental impacts.

Alternative (4) was eliminated because it does not satisfy the need and purpose of the project.

Comments:

The existing bridge has a sufficiency rating exceeding 50, so the BRST funds for this project will only apply to the amount required to widen the bridge to the current standards. For this site, the construction cost for widening the bridge would be \$734,102. The remaining construction cost to replace the bridge as proposed will need to be programmed from another funding source. This amount of additional funding will be \$934,125. Cost estimates detailing the amounts are attached.

Attachments:

1. Need and Purpose
2. Cost Estimates
3. Typical sections
4. Bridge inventory
5. Bridge Replacement Justification Letter
6. Minutes of Concept meeting
7. Location and Design Notice
8. Traffic counts
9. Cover sheet

NEED AND PURPOSE
PROJECT: BRST-052-1(14), BARROW COUNTY
PI No. 132971
BRIDGE REPLACEMENT

Background

The proposed project will replace the structurally deficient bridge on SR 11/Winder-Monroe Highway across Scott Creek near Bethlehem, Georgia. The bridge was built in 1942 and consists of concrete bents, concrete T-beam superstructure, and a concrete deck. The existing bridge length and width is 104 ft x 23.80 ft.

The Department's Policy for bridge replacement, Policy #2405-1, requires that if a bridge receives a Sufficiency Rating less than 50 that the bridge be replaced. The sufficiency rating on the bridge in question is 58.02; however, this structure still meets GDOT criteria for replacement under the provision that all bridges originally designed for H-15 loading be replaced.

Logical Termini

The proposed bridge project will tie into the existing roadway and will not require any additional roadway work. There are no other projects in the vicinity. Thus, the bridge project is a stand alone project with independent utility and logical termini.

The proposed bridge length is 0.22 miles.

Facility Overview and Operational Characteristics

SR 11 serves as a significant regional route between Winder and Monroe Georgia. It is not a designated state or local bicycle route. It is a local school bus route with a posted speed limit of 55 mph.

SR 11 is functionally classified as a rural minor arterial with estimated truck traffic of 10%. Annual daily traffic along this route in 2002 was 7400. The 2008 and 2028 traffic is projected at 8,582 and 14,013 respectively.

Accident Data

No accidents have been recorded at the bridge; however, the section of SR 11 one-half mile east and one-half mile west of the bridge has experienced a gradual increase in the number of accidents since 1995. In 1995, two accidents were recorded with 0 injuries and 0 fatalities. In 1996, three accidents were recorded with 6 injuries and 0 fatalities. In 1997, 9 accidents were recorded with 6 injuries and 0 fatalities. In 2001, the last year of available data, the number of accidents decreased to 6 with 9 injuries and 0 fatalities.

	1995	1996	1997	2001
Total Accidents	2	3	9	6
Accidents Per 100 MVMT	94	141	422	281
Statewide Accidents Per 100 MVMT	200	121	125	186
Accident % Higher/Lower Than Statewide Average	-53%	+14%	+70%	+34%

Accident rates in the last years of available data are significantly higher than those in 1995. Most of these accidents in 1997 and 2001 were with something other than a motor vehicle (i.e. a tree, utility pole, ditch or guardrail).

Community Characteristics

Within a one-half mile north-south and east-west radius of the proposed site there are two census block groups. Within these groups there is a total population of 4, 285 according to 2000 census numbers. Of this group 12% are Black and 7% are Hispanic. Also, 15% of the population for which income is recorded has an annual income less than \$20,000.

Need and Purpose

Replacing the bridge on SR 11 over Scott Creek will bring it up to current AASHTO geometric design standards. The purpose of the proposed improvement is to provide better mobility through this section of SR 11 and an overall safer driving environment for thru and local traffic. The above defined improvement is necessary and recommended to enhance the operating serviceability and provide a bridge that would adequately and safely serve current and future travel demand on this portion of State Route 11.

PRELIMINARY COST ESTIMATE: Realignment with No Detour (Preferred Alternative)

PREPARED BY: Sean H. Pharr

PROJECT LENGTH: 0.44 miles

ESTIMATED LETTING DATE: FY08

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST		
A. RIGHT-OF-WAY:		
1. PROPERTY:		\$20,000.00
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0		\$0.00
3. OTHER COST (ADM./COST, INFLATION)		\$0.00
	SUBTOTAL:A	\$20,000.00
B. REIMBURSABLE UTILITIES:		
1. RAILROAD		\$0.00
2. TRANSMISSION LINES		\$0.00
3. SERVICES		\$0.00
	SUBTOTAL:B	LGPA
C. CONSTRUCTION:		
1. MAJOR STRUCTURES: Bridges	125 ft X 59.25 ft @ \$75.00 /SF	\$555,468.75
a. TEMP BRIDGE	0 ft X 0 ft @ \$30.00 /SF	\$0.00
b. RETAINING WALL		
	SUBTOTAL:C-1	\$555,468.75
2. GRADING AND DRAINAGE:		
a. EARTHWORK	9,927 CY excav. 20,820 CY embank @ 2.5 /CY	\$76,867.50
b. DRAINAGE:		
1) Curb and Gutter		
2) Longitudinal System		
Catch Basins (0 @ \$2000/basin)		
Drop Inlets (0 @ \$2000/inlet)		
Flared End Section (0 @ \$495/FES)		
Safety End Section (0 @ \$400/SES)		
MH (0 @ \$2014/MH)		
18 inch pipe (0 ft @ \$22.12/ft)		
	SUBTOTAL:C-2	\$76,867.50

PROJECT COST Realignment with No Detour (Preferred Alternative)

3. BASE AND PAVING:				
a. AGGREGATE BASE	7,155 tons @	\$20.00 /ton		\$143,100.00
b. ASPHALT PAVING:				
Milling	800 yd ² @	\$4.00 /yd ²	\$3,200.00	
Surface	937 tons @	\$40.00 /ton	\$37,480.00	
Binder	2,499 tons @	\$45.00 /ton	\$112,455.00	
Base	3,748 tons @	\$40.00 /ton	\$149,920.00	
				SUBTOTAL: C-3.b
c. CONCRETE PAVING				
d. OTHER: tack coat	443 gallon @	\$1.00 /gallon		\$443.00
				SUBTOTAL: C-3
4. LUMP ITEMS:				
a. GRASSING	3 acre @	\$2,000.00 /acre		\$6,400.00
b. CLEARING AND GRUBBING				\$10,000.00
c. LANDSCAPING				\$0.00
d. EROSION CONTROL				\$50,000.00
e. TRAFFIC CONTROL				\$25,000.00
				SUBTOTAL: C-4
5. MISCELLANEOUS:				
a. LIGHTING				
b. SIGNING - MARKING				
c. GUARDRAIL				
T Beam	84 ft @	\$52.00 /ft		\$4,368.00
W Beam	1,120 ft @	\$13.00 /ft		\$14,560.00
TP 12 Anchor	2 @	\$1,350.00 ea		\$2,700.00
TP1 anchor	2 @	\$480.00 ea		\$960.00
d. SIDEWALK	0 yd ² @	\$25.75 /yd ²		\$0.00
				SUBTOTAL: C-5
6. SPECIAL FEATURES:				
Removal of Existing Bridge				
				SUBTOTAL: C-6

\$60,000.00

ESTIMATE SUMMARY Realignment with No Detour (Preferred Alternative)		
A. RIGHT-OF-WAY ()		\$20,000.00
B. REIMBURSABLE UTILITIES	LGPA	LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$555,468.75
2. GRADING AND DRAINAGE		\$76,867.50
3. BASE AND PAVING		\$446,598.00
4. LUMP ITEMS		\$91,400.00
5. MISCELLANEOUS		\$22,588.00
6. SPECIAL FEATURES		\$60,000.00
SUBTOTAL CONSTRUCTION COST		\$1,252,922.25
E. & C. (10%)		\$125,292.23
INFLATION :	5.00% PER YEAR	
NUMBER OF YEARS:	4	\$270,012.58
TOTAL CONSTRUCTION COST		\$1,648,227.05
GRAND TOTAL PROJECT COST		\$1,668,227.05

PRELIMINARY COST ESTIMATE: On Existing Location with Temporary Bridge (Alternative 1)

PREPARED BY: Sean H. Pharr

PROJECT LENGTH: 0.32 miles

ESTIMATED LETTING DATE: FY08

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST		
A. RIGHT-OF-WAY:		
1. PROPERTY:		\$20,000.00
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0		\$0.00
3. OTHER COST (ADM./COST, INFLATION)		\$0.00
SUBTOTAL:A		\$20,000.00
B. REIMBURSABLE UTILITIES:		
1. RAILROAD		\$0.00
2. TRANSMISSION LINES		\$0.00
3. SERVICES		\$0.00
SUBTOTAL:B		LGPA
C. CONSTRUCTION:		
1. MAJOR STRUCTURES: Bridges	125 ft X 59.25 ft @ \$75.00 /SF	\$555,468.75
a. TEMP BRIDGE	125 ft X 47.5 ft @ \$30.00 /SF	\$178,125.00
b. RETAINING WALL		
SUBTOTAL:C-1		\$733,593.75
2. GRADING AND DRAINAGE:		
a. EARTHWORK	8,524 CY excav. 19,393 CY embank @ 2.5 /CY	\$69,792.50
b. DRAINAGE:		
1) Curb and Gutter		
2) Longitudinal System		
Catch Basins (0 @ \$2000/basin)		
Drop Inlets (0 @ \$2000/inlet)		
Flared End Section (0 @ \$495/FES)		
Safety End Section (0 @ \$400/SES)		
MH (0 @ \$2014/MH)		
18 inch pipe (0 ft @ \$22.12/ft)		
SUBTOTAL:C-2		\$69,792.50

PROJECT COST On Existing Location with Temporary Bridge (Alternative 1)

3. BASE AND PAVING:				
a. AGGREGATE BASE	8,252	tons @	\$20.00 /ton	\$165,040.00
b. ASPHALT PAVING:				
Milling	800	yd ² @	\$4.00 /yd ²	\$3,200.00
Surface	1,080	tons @	\$40.00 /ton	\$43,200.00
Binder	2,881	tons @	\$45.00 /ton	\$129,645.00
Base	4,322	tons @	\$40.00 /ton	\$172,880.00
SUBTOTAL: C-3.b				\$348,925.00
c. CONCRETE PAVING				
d. OTHER: tack coat	511	gallon @	\$1.00 /gallon	\$511.00
SUBTOTAL: C-3				\$514,476.00
4. LUMP ITEMS:				
a. GRASSING	4	acre @	\$2,000.00 /acre	\$8,200.00
b. CLEARING AND GRUBBING				\$10,000.00
c. LANDSCAPING				\$0.00
d. EROSION CONTROL				\$50,000.00
e. TRAFFIC CONTROL				\$25,000.00
SUBTOTAL: C-4				\$93,200.00
5. MISCELLANEOUS:				
a. LIGHTING				
b. SIGNING - MARKING				
c. GUARDRAIL				
T Beam	84	ft @	\$52.00 /ft	\$4,368.00
W Beam	1,120	ft @	\$13.00 /ft	\$14,560.00
TP 12 Anchor	4	@	\$1,350.00 ea	\$5,400.00
TP1 anchor	4	@	\$480.00 ea	\$1,920.00
d. SIDEWALK	0	yd ² @	\$25.75 /yd ²	\$0.00
SUBTOTAL: C-5				\$26,248.00
6. SPECIAL FEATURES:				
	Removal of Existing Bridge			
SUBTOTAL: C-6				\$60,000.00

ESTIMATE SUMMARY On Existing Location with Temporary Bridge (Alternative 1)

A. RIGHT-OF-WAY ()		\$20,000.00
B. REIMBURSABLE UTILITIES	LGPA	LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$733,593.75
2. GRADING AND DRAINAGE		\$69,792.50
3. BASE AND PAVING		\$514,476.00
4. LUMP ITEMS		\$93,200.00
5. MISCELLANEOUS		\$26,248.00
6. SPECIAL FEATURES		\$60,000.00
SUBTOTAL CONSTRUCTION COST		\$1,497,310.25
E. & C. (10%)		\$149,731.03
INFLATION :	5.00% PER YEAR	
NUMBER OF YEARS:	4	\$322,679.72
TOTAL CONSTRUCTION COST		\$1,969,720.99
GRAND TOTAL PROJECT COST		\$1,969,720.99

PRELIMINARY COST ESTIMATE: Widen Existing Bridge (BRST eligible funds)

PREPARED BY: Sean H. Pharr

PROJECT LENGTH: 0.21 miles

ESTIMATED LETTING DATE: FY08

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST		
A. RIGHT-OF-WAY:		
1. PROPERTY:		\$0.00
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0		\$0.00
3. OTHER COST (ADM./COST, INFLATION)		\$0.00
SUBTOTAL-A		\$0.00
B. REIMBURSABLE UTILITIES:		
1. RAILROAD		\$0.00
2. TRANSMISSION LINES		\$0.00
3. SERVICES		\$0.00
SUBTOTAL-B		LGPA
C. CONSTRUCTION:		
1. MAJOR STRUCTURES: Bridge Widening 104 ft X 25.25 ft @ \$120.00 /SF		\$315,120.00
a. TEMP BRIDGE 0 ft X 0 ft @ \$30.00 /SF		\$0.00
b. RETAINING WALL		
SUBTOTAL-C-1		\$315,120.00
2. GRADING AND DRAINAGE:		
a. EARTHWORK 200 CY excav. 1,500 CY embank @ 2.5 /CY		\$4,250.00
b. DRAINAGE:		
1) Curb and Gutter		
2) Longitudinal System		
Catch Basins (0 @ \$2000/basin)		
Drop Inlets (0 @ \$2000/inlet)		
Flared End Section (0 @ \$495/FES)		
Safety End Section (0 @ \$400/SES)		
MH (0 @ \$2014/MH)		
18 inch pipe (0 ft @ \$22.12/ft)		
SUBTOTAL-C-2		\$4,250.00

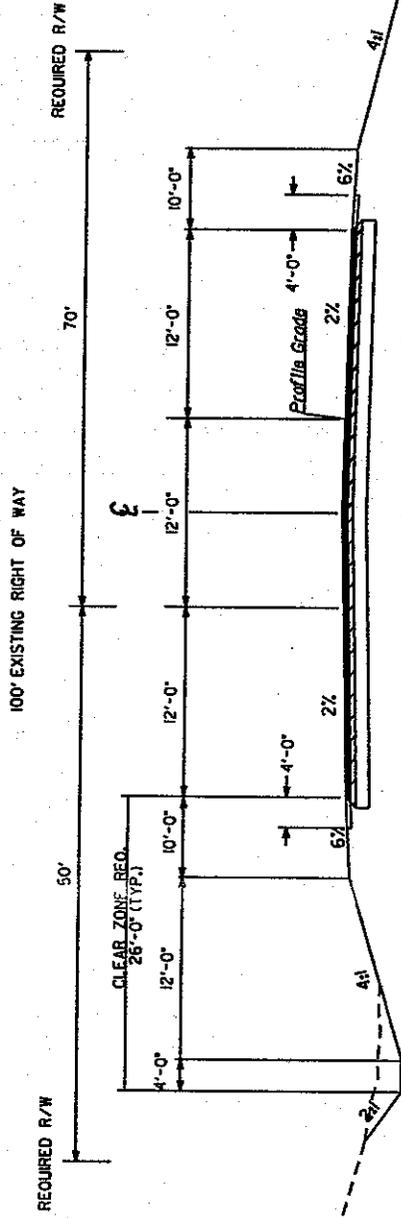
PROJECT COST Widen Existing Bridge (BRST eligible funds)

3. BASE AND PAVING:				
a. AGGREGATE BASE	2,150	tons @	\$20.00 /ton	\$43,000.00
b. ASPHALT PAVING:				
Milling	200	yd ² @	\$4.00 /yd ²	\$800.00
Surface	240	tons @	\$40.00 /ton	\$9,600.00
Binder	620	tons @	\$45.00 /ton	\$27,900.00
Base	1,100	tons @	\$40.00 /ton	\$44,000.00
SUBTOTAL: C-3.b				\$82,300.00
c. CONCRETE PAVING				
d. OTHER: tack coat	120	gallon @	\$1.00 /gallon	\$120.00
SUBTOTAL: C-3				\$125,420.00
4. LUMP ITEMS:				
a. GRASSING	1.0	acre @	\$2,000.00 /acre	\$2,000.00
b. CLEARING AND GRUBBING				\$10,000.00
c. LANDSCAPING				\$0.00
d. EROSION CONTROL				\$50,000.00
e. TRAFFIC CONTROL				\$25,000.00
SUBTOTAL: C-4				\$87,000.00
5. MISCELLANEOUS:				
a. LIGHTING				
b. SIGNING - MARKING				
c. GUARDRAIL				
T Beam	84	ft @	\$52.00 /ft	\$4,368.00
W Beam	1,120	ft @	\$13.00 /ft	\$14,560.00
TP 12 Anchor	4	@	\$1,350.00 ea	\$5,400.00
TP1 anchor	4	@	\$480.00 ea	\$1,920.00
d. SIDEWALK	0	yd ² @	\$25.75 /yd ²	\$0.00
SUBTOTAL: C-5				\$26,248.00
6. SPECIAL FEATURES:				
	Removal of Existing Bridge			
SUBTOTAL: C-6				\$0.00

ESTIMATE SUMMARY Widen Existing Bridge (BRST eligible funds)

ESTIMATE SUMMARY Widen Existing Bridge (BRST eligible funds)		
A. RIGHT-OF-WAY ()		\$0.00
B. REIMBURSABLE UTILITIES		LGPA
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$315,120.00
2. GRADING AND DRAINAGE		\$4,250.00
3. BASE AND PAVING		\$125,420.00
4. LUMP ITEMS		\$87,000.00
5. MISCELLANEOUS		\$26,248.00
6. SPECIAL FEATURES		\$0.00
SUBTOTAL CONSTRUCTION COST		\$558,038.00
E. & C. (10%)		\$55,803.80
INFLATION :	5.00% PER YEAR	
NUMBER OF YEARS:	4	\$120,260.68
TOTAL CONSTRUCTION COST		\$734,102.48
GRAND TOTAL PROJECT COST		\$734,102.48

STATE	PROJECT NUMBER	SHEET NUMBER
GA.	SR11-002-000	10
	SECTION	



SR II / WINDER-MONROE HWY AT SCOTT CREEK

SCALE 5:01

TYPICAL SECTIONS

SR 11 AT SCOTT CREEK

100' EXISTING RIGHT OF WAY

STATES OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF CONSULTANT DESIGN



100' EXISTING RIGHT OF WAY

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 013-0001-0

Barrow

SUFF. RATING

58.02

Location & Geography

* Structure I.D.No: 013-0001-0

* 200 Bridge Information 06

* 6A Feature Int: APALACHEE RIVER TRIB.

* 6B Critical Bridge: 0

* 7A Route Number Carried: SR00011

* 7B Facility Carried: WINDER-MONROE HWY.

* 9 Location: 1.7 M I S OF BETHLEHEM

2 DOT District: 1

207 Year Photo: 2000

* 91 Inspection Frequency: 24 Date: 11/15/2001

92A Fract Crit Insp Freq: 00 Date: 02/01/1901

92B Underwater Insp Freq: 00 Date: 02/01/1901

92C Other Spc. Insp Freq: 00 Date: 02/01/1901

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1

Type: 3

Designation: 1

Number: 00011

Direction: 0

* 16 Latitude: 33-54.0 MMS Prefix: SR

* 17 Longitude: 83-43.3 MMS Suffix: 00 MP: 0.54

98 Border Bridge: 000 %Shared: 00

99 ID Number: 000000000000000

* 100 STRAHNET: 0

12 Base Highway Network: 1

13A LRS Inventory Route: 131001100

13B Sub Inventory Route: 0

* 101 Parallel Structure: N

* 102 Direction of Traffic: 2

* 264 Road Inventory Mile Post: 000.52

* 208 Inspection Area: 01 Initials: GMC

Engineer's Initial: wss

* Location I.D. No.: 013-00011D-000.54N

Signs & Attachments

104 Highway System: 0

* 26 Functional Classification: 06

* 204 Federal Route Type: F No.: 00521

105 Federal Lands Highway: 0

* 110 Truck Route: 0

206 School Bus Route: 1

217 Benchmark Elevation: 0000.00

218 Datum: 0

* 19 Bypass Length: 06

* 20 Toll: 3

* 21 Maintenance: 01

* 22 Owner: 01

* 31 Design Load: 2

37 Historical Significance: 5

205 Congressional District: 11

27 Year Constructed: 1942

106 Year Reconstructed: 0000

33 Bridge Median: 0

34 Skew: 00

35 Structred Flared: 0

38 Navigation Control: 0

213 Special Steel Design: 0

267 Type of Paint: 0

* 42 Type of Service on: 1 Under: 5

214 Movable Bridge: 0

203 Type Bridge: A-O-O-O

259 Pile Encasement: 3

* 43 Structure Type Main: 1 04

45 No. Spans Main: 004

44 Structure Type Appr: 0 00

46 No. Spans Appr: 0000

226 Bridge Curve Horz: 0 Vert: 0

111 Pier Protection: 0

107 Deck Structure Type: 1

108 Wearing Surface Type: 1 Membrane: 0 Protection: 8

225 Expansion Joint Type: 02

242 Deck Drains: 1

243 Parapet Location: 0

Height: 0.00

Width: 0.00

238 Curb: 1.20 1

239 Handrail: 1 1

* 240 Median Barrier Rail: 0

241 Bridge Median Height: 0.00

Width: 0.00

* 230 Guardrail Loc Dir Rear: 3

Fwrd: 3

Oppo Dir Rear: 0

Fwrd: 0

244 Approach Slab: 3

224 Retaining Wall: 0

233 Posted Speed Limit: 55

236 Warning Sign: 1

234 Delineator: 1

235 Hazard Boards: 1

237 Utilities Gas: 00

Water: 00

Electric: 00

Telephone: 00

Sewer: 00

247 Lighting Street: 0

Navigation: 0

Aerial: 0

* 248 County Continuity No.: 14

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 013-0001-0

Barrow

SUFF. RATING

58.02

Programming Data

201 Project No.: FAP 148 (4)
 202 Plans Available: 4
 249 Prop. Proj. No. BRST-052-1 (14)
 250 Approval Status: 0000
 251 P.I. No.: 132971-
 252 Contract Date: 02/01/2005
 260 Seismic No.: 000000
 75 Type Work: 34 1
 94 Bridge Imp. Cost \$ 130
 95 Roadway Imp. Cos \$ 232
 96 Total Imp Cost: \$ 432
 76 Imp. Length: 001424
 97 Imp. Year: 1990
 114 Future ADT: 12150 Year: 2020

Measurements

* 29 ADT: 008100 Year: 2000
 109 % Trucks: 15
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0026
 * 49 Structure Length: 104
 51 Br. Rwdy. Width: 23.80
 52 Deck Width: 27.50
 * 47 Tot. Horz. Cl: 23.80
 50 Curb/Sdewlk Width: 0.80/0.80
 32 Approach Rdwy Width: 029
 * 229 Shoulder Width:
 Rear Lt: 3.20 Type: 2 Rt: 2.70
 Fwd Lt: 2.90 Type: 2 Rt: 2.10
 Pavement Width:
 Rear: 22.90 Type: 2
 Fwd: 34.60 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail:
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over:
 Under: N
 99 ' 99 " 99 ' 99 "
 00 ' 00 " 00 ' 00 "
 * 228 Min. Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Oppo. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Oppo. Dir: 00 ' 00 "
 55 Lateral Undercl. Rt: N 99.90
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99 ' 99 " Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 7.00
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 0000 Sub: 0000

Hydraulic Data

215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0673.5 Freq.: 00
 Drainage Area: 000000
 Area Of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 02.1 Br. Height: 06.1
 222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0
 Width: 0.00 Height: 0.00
 Length: 0 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No.: 013-00011D-000.54N

Ratings

65 Inventory Rating Method: 2
 63 Inventory Rating Method: 2
 66 Inventory Type: 2 Rating: 23
 64 Operating Type: 2 Rating: 41
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 26 0
 Type 3s2: 40 0
 Timber: 36 0
 Piggyback: 40 0
 261 H Inventory Rating: 15
 262 H Operating Rating: 24
 67 Structural Evaluation: 5
 58 Deck Condition: 6
 59 Superstructure Condition: 6
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: 7
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 7
 68 Deck Geometry: 2
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 8
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: A
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type3s2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date 02/01/1901
 253 Fed Notify Date: 02/01/1901 0



Department of Transportation State of Georgia

J. TOM COLEMAN, JR.
COMMISSIONER
(404) 656-5206

FRANK L. DANCHETZ
CHIEF ENGINEER
(404) 656-5277

HAROLD E. LINNENKOHL
DEPUTY COMMISSIONER
(404) 656-5212

EARL MAHFUZ
TREASURER
(404) 656-5224

INTERDEPARTMENT CORRESPONDENCE

April 24, 2002

FROM: Buddy Gratton, P.E., State Maintenance Engineer

TO: James B. Buchan, P.E., State Consultant Design Engineer
Attn: Ted Cashin

SUBJECT: Bridge Replacement

**BRST-052-1 (14) / Barrow
Structure ID 013-0001-0
Location ID 013-00011D-000.54N
SR 11 over Apalachee River Trib.**

This bridge was built in 1942 and consists of concrete bents, concrete T- beam superstructure, and a concrete deck. The original design load capacity is H-15. The sufficiency rating on the structure is 58.0, and the bridge is classified as Functionally Obsolete and requires widening. However, in accordance with DOT policy 2405-1, we recommend that this bridge be replaced though due to unacceptable load capacity. Due to these criteria no additional cost analysis or coring by the lab will be required. This bridge does not currently qualify for federal replacement BR funding but does qualify for federal bridge widening funds, which can be used toward replacement up to the estimated cost of widening. The remaining funds would have to come from another funding source.

If further information is required, please contact Brian Summers at (404) 635-8179.

BG/BKS

cc: Percy Middlebrooks

MEETING MINTUTES

PROJECT: SR 11 At Scott Creek

SUBJECT: Concept Team Meeting
Bridge Replacement
Projects: BRST-052-1 (14)
Barrow County
P.I No. 132971

DATE: July 10, 2003

TO: Attendees (list follows minutes)

Minutes by: Jerome Henderson, Jr. (Please notify immediately with any errors or omissions)

PURPOSE:

A concept meeting was held at the Gainesville-District 1 Area Office at 9:00AM on July 10, 2003. Members from GDOT, Barrow County Officials, and URS met to discuss a bridge replacement project. Kevin Hosey and Sean Pharr described the project, which included a conceptual layout of the bridge replacement of a structurally deficient bridge on SR 11 over Scott Creek.

GENERAL COMMENTS:

Right of Way estimates reflected in the draft concept report are too high and should be revised(should be less then \$50,000). Recommend obtaining right of way estimates from GDOT. (Rick Ford)

SR 11 at Scott Creek is in a low-lying area and the grades may be significantly impacted due to the hydraulic requirements. A large grade change may have an impact on the best alternative chosen. Action: conduct preliminary hydrologic analysis to calculate height for new bridge to aid in concept development. (Todd Long)

The approximate length of bridge reflected in the concept report is significantly longer than the existing bridge. Action: re-evaluate length of bridge and revise cost estimates as necessary. (Todd Long)

District recommends extending the passing lane back to bridge. This will allow for additional length of passing lane and an exclusive left turn lane from SR11 NB onto Tanners Bridge Road. A proposed school north of the project is converting some existing passing lane into a left turn lane, so the additional length through this project would replace that. The left turn lane will improve the safety of the intersection. (Todd Long)

Investigate closing SR 11 and use Tanners Bridge Rd to SR 81 to SR 316 as possible detour route. (Eddie Elder)

The adjacent bridge replacement project on SR 11 at Apalachee River lies in close proximity to Scott Creek. Need to evaluate re-alignment between both projects possibly along the east side of existing SR 11. (Todd Long)

ATTENDEES

CONCEPT TEAM MEETING- July 10, 2003

Kevin Hosey	URS	404-478-8639	Kevin_Hosey@urscorp.com
Sean Pharr	URS	404-478-8641	Sean_Pharr@urscorp.com
Jerome Henderson, Jr.	URS	404-478-8730	Jerome_Henderson@ursorp.com
Rick Ford	GDOT-Right of Way Consultant	770-562-2793	ricklynn@bellsouth.net
Eddie Elder	Chairman – Barrow Co.	770-307-3010	
Larry Price	Chief Administrator – Barrow Co.	770-307-3113	
Todd Long	GDOT-Assist. District Engineer/Preconstruction Engineer	770-532-5520	Todd.Long@dot.state.ga.us
Robby Oliver	GDOT-Utilities	770-532-5510	Robby.Oliver@dot.state.ga.us
Tom Davis	GDOT-Utilities	770-532-5510	Thomas.Davis@dot.state.ga.us
Shane Dover	GDOT-Traffic Operations	770-532-5532	Shane.Dover@dot.state.ga.us
Russell McMurry	GDOT-District Construction Engineer	770-532-5528	Russell.McMurry@dot.state.ga.us
Harold Mull	GDOT- Lawrenceville	770-339-2308	Harold.Mull@dot.state.ga.us
Michele Hart	FHWA	404-562-3634	
Ted Cashin	GDOT- Office of Consultant Design	404-463-6135	Ted.Cashin@dot.state.ga.us

NOTICE OF LOCATION AND DESIGN APPROVAL

BRST-052-1(14) BARROW COUNTY

P. I. No. 132971

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

Date of Location and Design Approval: FEBRUARY 11, 2004

This project is a 0.21-mile replacement of SR 11/ Winder-Monroe Hwy bridge over Scott Creek, just southwest of Bethlehem, Georgia. A new bridge over the creek will be constructed to replace the currently deficient one. Traffic will utilize existing bridge and roadway during construction of new permanent bridge and realignment. The project lies entirely within Barrow County within Land District 3 and Land Lot 150.

Drawings of maps or plats of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation.

**Randy Davis, Area Engineer
Department Of Transportation
Barrow Area Office
412 Hurricane Shoals Rd
Lawrenceville, GA 30043
(770) 339-2308**

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

**Ted Cashin
Office of Consultant Design
Department Of Transportation
No. 2 Capitol Square
Atlanta, Georgia 30334
(404) 463-6135
Ted.Cashin@dot.state.ga.us**

Any written request of communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-052-1(14) Barrow
P. I. No. 132971

OFFICE Environment/ Location

DATE May 23, 2002

FROM Harvey D. Keeper, State Environmental/ Location Engineer

TO Larry Dent, P.E., District Engineer, Gainesville
Attn: Ted Cashin

SUBJECT SR 11/Winder-Monroe Highway @ Scott Creek

We are furnishing estimated traffic assignments for the above project as follows:

Existing 2000 ADT = 8000
2007 ADT = 9200
2027 ADT = 15000
K = 9%
D = 60%
T = 13%
24 HR T = 15%
SU = 6%
COMB = 9%

If you have any questions concerning this information please contact
Teresa Williamson at (404)699-4458.

HDK:TJW

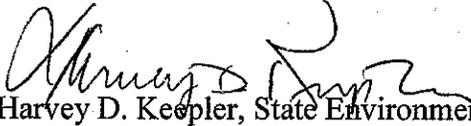
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. # 132971

OFFICE: Environment/Location

DATE: December 23, 2003


FROM: Harvey D. Keepler, State Environmental/Location Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT
BRST-052-1(14)/Barrow County
SR 11/Winder-Monroe Hwy. @ Scott Creek South of Bethlehem**

The above subject concept report has been reviewed. This office has no comments at this time.

If you have any questions please contact me at (404) 699-4401.

HDK/sdw

Attachment

cc: David Mulling, P.E.
Brent Story

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE _____

Project Manager

DATE _____

State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE

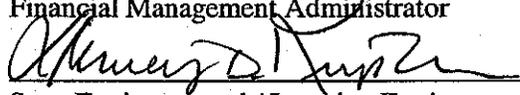
State Transportation Planning Administrator

DATE

Financial Management Administrator

12.19.03

DATE



State Environmental / Location Engineer

DATE

Project Review Engineer

DATE

State Traffic Safety and Design Engineer

DATE

State Bridge & Structural Design Engineer

DATE

District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

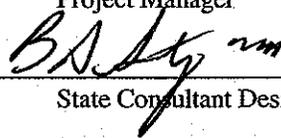
Prepared by:

DATE 12-22-03



Project Manager

DATE 12-22-03



State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE

State Transportation Planning Administrator

DATE

Financial Management Administrator

DATE

State Environmental / Location Engineer

DATE

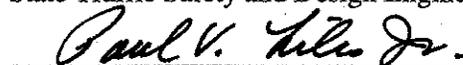
Project Review Engineer

DATE

State Traffic Safety and Design Engineer

11/3/04

DATE



State Bridge & Structural Design Engineer

DATE

District Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

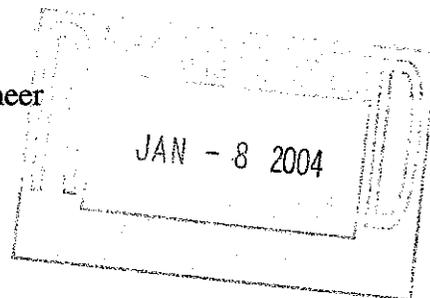
File: BRST-052-1(14), Barrow County
P.I. No.: 132971

Office: Traffic Safety & Design
Atlanta, Georgia
Date: December 19, 2003

From: ^{PMA/LL} Phillip M. Allen, State Traffic Safety and Design Engineer

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed bridge replacement on State Route 11 over Scott Creek in Barrow County.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keeper, Environment/Location Engineer
Brent Story, State Consultant Design Engineer
Attention: Ted Cashin
Todd Long, District 1 Engineer
Attention: Russell McMurry
David Mulling, Engineer Services, w/ attachment
Joe Palladi, State Transportation Planning Administrator
Paul Liles, State Bridge Design Engineer
Kathy Bailey, TMC
General Files
Office Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE _____

Project Manager

DATE _____

State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE

State Transportation Planning Administrator

DATE

Financial Management Administrator

DATE

State Environmental / Location Engineer

DATE

Project Review Engineer

12-22-03

DATE

Phillip M. Williams

State Traffic Safety and Design Engineer

DATE

State Bridge & Structural Design Engineer

DATE

District Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

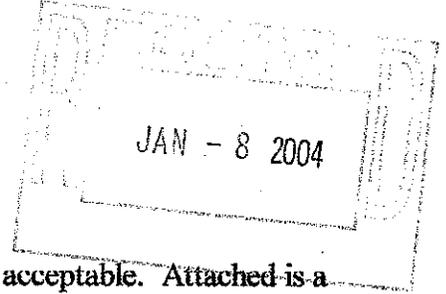
INTERDEPARTMENT CORRESPONDENCE

FILE Barrow County **OFFICE** Gainesville
BRST-052-1(14) P.I. 132971
SR 11 @ Scott Creek

FROM Todd I. Long, P.E., District Engineer **DATE** December 31, 2003

TO Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT



This office has reviewed the subject concept and finds the report acceptable. Attached is a signed cover page for your use. If you have any questions, please call Todd Long at 770-532-5526.

CC: Ted Cashin

TIL

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

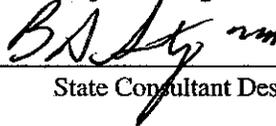
Prepared by:

DATE 12-22-03



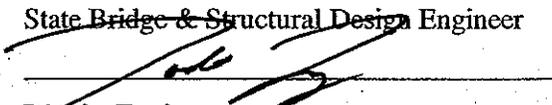
Project Manager

DATE 12-22-03



State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____	State Transportation Planning Administrator
DATE _____	Financial Management Administrator
DATE _____	State Environmental / Location Engineer
DATE _____	Project Review Engineer
DATE _____	State Traffic Safety and Design Engineer
DATE _____	State Bridge & Structural Design Engineer
<u>12/31/03</u>	
DATE _____	District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

Prepared by:

DATE _____

Project Manager

DATE _____

State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____

12-12-07

DATE _____

State Transportation Planning Administrator

[Signature]

Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

Project Review Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

State Bridge & Structural Design Engineer

DATE _____

District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

SR/11 AT SCOTT CREEK

Project Number: BRST-052-1(14)
P.I. NO. 132971
County: Barrow

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: 11

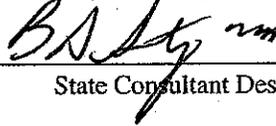
Prepared by:

DATE 12-22-03



Project Manager

DATE 12-22-03



State Consultant Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE

State Transportation Planning Administrator

DATE

Financial Management Administrator

DATE

State Environmental / Location Engineer

12-30-03

DATE

David J. Mullins ^{REW}
Project Review Engineer

DATE

State Traffic Safety and Design Engineer

DATE

State Bridge & Structural Design Engineer

DATE

District Engineer