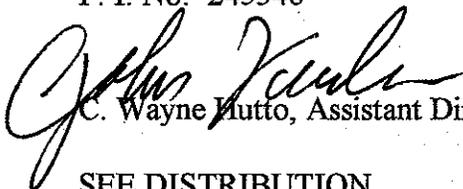


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-0962(9) Glascock County **OFFICE** Preconstruction
P. I. No. 245346
DATE March 18, 2002
FROM  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/cj

Attachment

DISTRIBUTION:

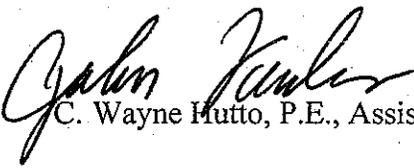
David Mulling
Harvey Keeper
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Mike Thomas
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-0962(9) Glascock County **OFFICE** Preconstruction
P.I. No. 245346

DATE March 4, 2002

FROM  C. Wayne Hutto, P.E., Assistant Director of Preconstruction

TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of two narrow and structurally deficient bridges on SR 171 over Rocky Comfort Creek and overflow at the Gibson North City Limits. The existing bridges, constructed in 1950, are 23.8' wide with sufficiency ratings of 45 and 47. The existing approaches consist of a two lane roadway with rural shoulders on a variable 60'-200' of existing Right-of-way. The base year traffic (2006) along this section of SR 171 is 1,150 VPD and the 20 year (2026) or design year projected volume is 1700 VPD. The posted speed and the design speed are 55 mph.

The construction proposes to construct new 520' x 38' and 160' x 38' concrete bridges over Rocky Comfort Creek and overflow at the existing bridge sites. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' paved). Traffic will be maintained during construction utilizing an on-site detour.

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.

It is recommended that project BRST-0962(8) be combined with project BRST-0969(9). The new project will be BRST-0962 (9), P.I. No. 245346 and include Rocky Comfort and Overflow bridges.

The estimated costs for these projects are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C & INFLATION)	\$3,178,000	\$2,663,000	2004	FY-04
Right-of-Way	\$ 20,000	\$ 20,000		
Utilities*	-----	-----		

*Glascock County refused LGPA for utilities 7/21/99.

Frank L. Danchetz

Page 2

BRST-0962 (9) Glascock County

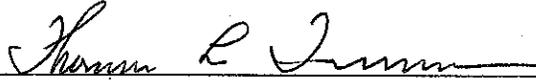
March 4, 2002

This project is in the STIP. I recommend this project concept be approved and the project Description be revised to reflect the project described herein.

CWH:JDQ/cj/klp

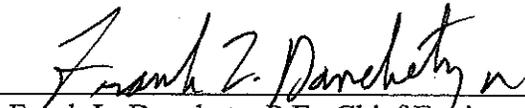
Attachment

CONCUR



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

APPROVE



Frank L. Danchetz, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE **BRST-0962(9) Glascock County**
SR 171 over Rocky Comfort Creek and O/F at Gibson N City Limit
P.I. No. 245346-

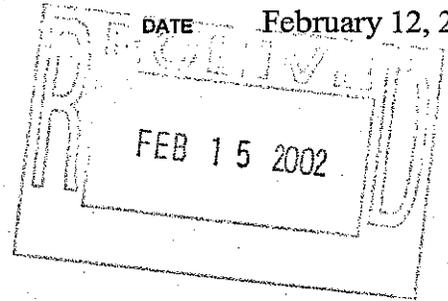
OFFICE Atlanta

FROM *James B. Buchan MBA*
James B. Buchan, State Consultant Design Engineer

DATE February 12, 2002

TO Wayne Hutto, 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).

Note: This concept proposes combining PI 245347 over Rocky Comfort Creek Overflow into this project and eliminating that project.

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.

If you have any questions or require further information please call Ted Cashin at (404)463-6135 or Ron Morris of PBS&J, Inc. at (770) 933-0280.

Distribution:

- David Mulling, Project Review Engineer
- Harvey Keepler, State Environmental/Location Engineer
- Phillip Allen, State Traffic Safety and Design Engineer
- Marta Rosen, State Transportation Planning Administrator
- Herman Griffin, Office of Financial Management Administrator
- Mike Thomas, District Engineer – Tennille
- Paul Liles, State Bridge & Structural Engineer

MBA
JBB:MBA:EJC

cc: PBS&J, Inc.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-0962(9)
County: Glascock
P. I. Number: 245346, 245347

Federal Route Number: S-00962
State Route Number: 171

Recommendation for approval:

2-12-02

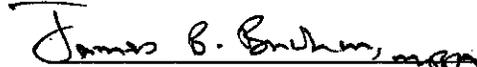
DATE

2-12-02

DATE



Project Manager



State Consultant Design Engineer

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

Date

State Transportation Planning Administrator

Date

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

Date

District Engineer

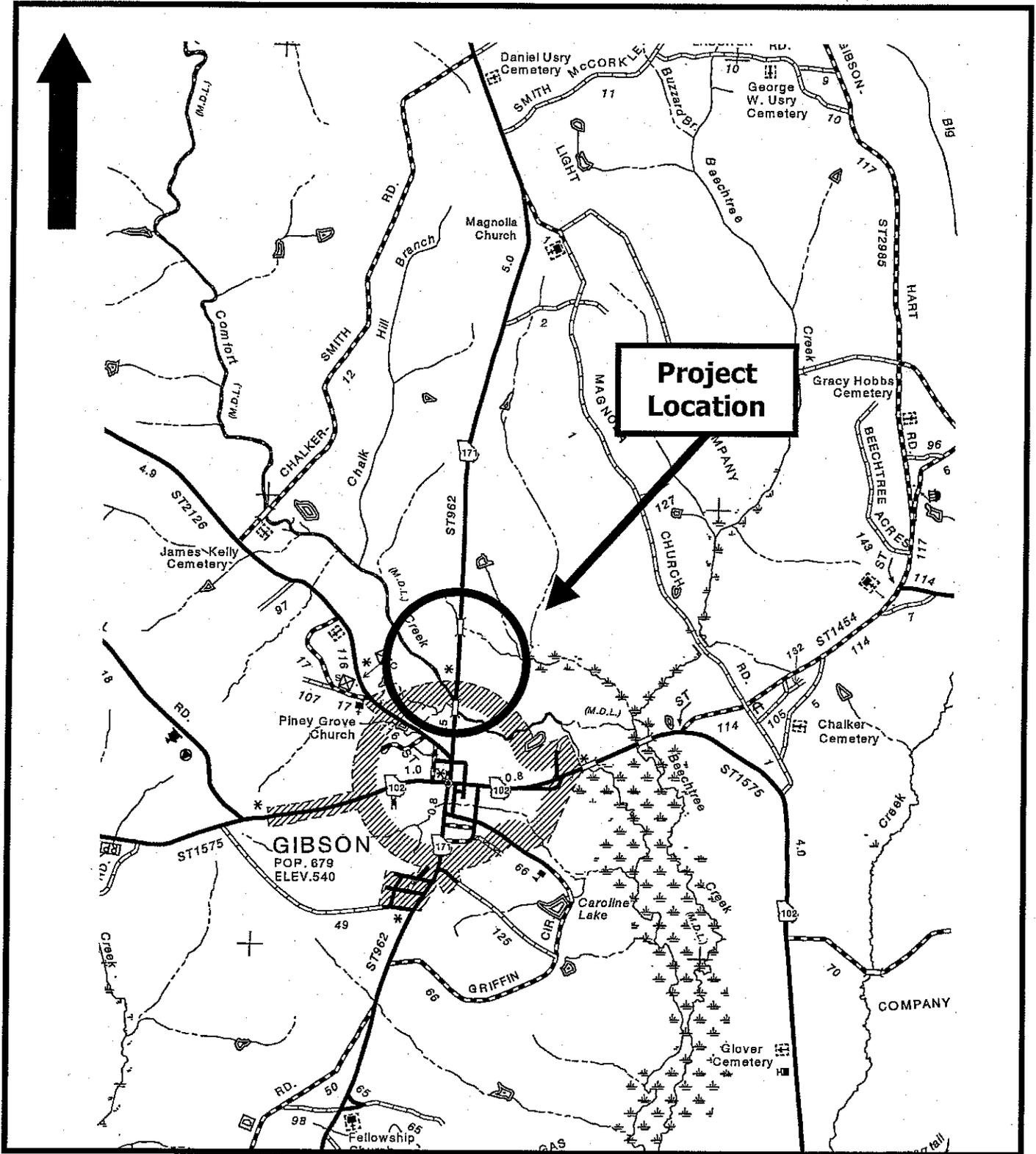
Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

PROJECT LOCATION MAP



**Project No. BRST-0962(9)(8), P.I. No. 245346 & 245347
SR 171 over Rocky Comfort Creek and O/F at Gibson N City Limit
Glascocock County**

PROJECT CONCEPT REPORT

PROJECT: BRST-0962(9)(8)

PROJECT LOCATION & DESCRIPTION

This project is located in Laurens County on SR 171 over Rocky Comfort Creek at the Gibson North City Limit. The Rocky Comfort Overflow is located 1.8 miles northeast of Gibson.

PROJECT LENGTH: 0.73 miles (gross length)
 0.73 miles (net length)

TRAFFIC

	CURRENT		PROJECTED
<u>YEAR</u>	<u>AADT</u>	<u>YEAR</u>	<u>AADT</u>
2006	1,150	2026	1,700

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

Minor, Existing Location

Rural Major Collector

FOS ()

CA ()

EXEMPT (X)

SF ()

PROJECT NEED AND PURPOSE

Project No. BRST-0962(9)(8) will replace the structurally deficient bridge located on State Route (SR) 171 over Rocky Comfort Creek and Rocky Comfort Creek overflow.

The Rocky Comfort Creek & Rocky Comfort Creek overflow bridge sufficiency rating is 45.0 and 47.3, respectively. The Office of Bridge Maintenance has determined that any structure with a sufficiency rating less than 50 should be replaced rather than improved. This project will replace the existing bridge with a structurally adequate bridge.

State Road 171 is functionally classified as a major collector roadway. The posted speed limit along SR 171 is 45 mph at Rocky Comfort Creek and 55 mph at the Rocky Comfort Creek Overflow Bridge. The section of roadway where the proposed bridge projects improvements would take place, is a school bus route. SR 171 is not part of the Statewide Bicycle Plan. The Rocky Comfort Creek Bridge is located just north of Gibson and was constructed in 1950. The Rocky Comfort Creek Overflow Bridge is located 1.8 miles northeast of Gibson and was constructed in 1950. Sidewalks are not proposed on either bridge. The projected Average Daily Traffic (ADT) along this section of roadway for 2006 is 1150 with 8 percent trucks. The projected (2026) ADT for this section of roadway is 1,700. Currently, a resurfacing and maintenance project STP-0962(7)01 from Jefferson County to Warren County is in the CWP. Replacing this bridge will bring it up to current design standards and in doing so will improve the operation and safety of this roadway.

PROJECT CONCEPT REPORT

EXISTING ROADWAY			
TYPICAL SECTION: The existing roadway is a two lane rural section with 12-foot travel lanes, shoulders and side ditches.			
R/W WIDTH: varies 60' min., 200' max.			
<u>POSTED SPEED:</u> 45 mph in City 55 mph	<u>MAX DEGREE OF CURVE</u> 0° - 30'	<u>MAXIMUM GRADE</u> 4.1%	
MAJOR STRUCTURES:	<u>Length</u>	<u>Width</u>	<u>Suff. Rating</u>
Structure No. 125-0004-0 Bridge at Rocky Comfort Creek	498'	24'	45.0
Structure No. 125-0005-0 Bridge at Rocky Comfort Overflow	135'	24'	47.3

PROPOSED ROADWAY			
TYPICAL SECTION: The proposed roadway will consists of two 12-foot travel lanes with 10-foot shoulders (2 feet paved) and rural side ditch sections. The proposed bridges will have approximate lengths of 500 ft. and 140 ft. The width of the structures will be 38 ft.			
<u>DESIGN SPEED</u> 55 MPH	<u>MAX DEGREE OF CURVE</u> Allowable: 6° 00' 00" Proposed: 0° 30' 00"	<u>MAX GRADE</u> Allowable: 5.5% Proposed: 0.5%	
MAJOR STRUCTURES:	<u>Length</u>	<u>Width</u>	
Project No. BRST-0962(9) Structure at Rocky Comfort Creek	520'	38'	
Project No. BRST-0962(8) Structure at Rocky Comfort Overflow	160'	38'	

PROJECT CONCEPT REPORT

MISCELLANEOUS

TRAFFIC CONTROL DURING CONSTRUCTION: Temporary detour bridges and runaround parallel to existing alignment. Detour to be 35 mph design with 12 foot travel lanes and 6 foot graded shoulders.

LEVEL OF ENVIRONMENTAL ANALYSIS: CE Anticipated

DESIGN VARIATIONS REQUIRED: none

	YES	NO	UNDETERMINED
SUBST HORIZ ALIGNMENT	()	(X)	()
SUBST ROADWAY WIDTH	()	(X)	()
SUBST SHOULDER WIDTH	()	(X)	()
SUBST VERT GRADES	()	(X)	()
SUBST CROSS SLOPES	()	(X)	()
SUBST STOPPING SIGHT DIST	()	(X)	()
SUBST SUPERELEV RATES	()	(X)	()
SUBST HORIZ CLEARANCE	()	(X)	()
SUBST SPEED DESIGN	()	(X)	()
SUBST VERTICAL CLEARANCE	()	(X)	()
SUBST BRIDGE WIDTH	()	(X)	()
SUBST BR STRUCT CAPACITY	()	(X)	()

UNDERGROUND STORAGE TANKS: None identified

HAZARDOUS SITES: None identified

ALTERNATIVES CONSIDERED

- 1) Replace existing bridges with an approximate 520 ft. X 38 ft. bridge and 140 ft. X 38 ft bridge at existing location with on-site detour to the east of existing alignment.
- 2) Replace existing bridges with an approximate 520 ft. X 38 ft. bridge and 140 ft. X 38 ft. bridge on a parallel alignment to the south of the existing structure - eliminated due to length of realignment required to meet design speed and unfavorable geometry.
- 3) Replace existing bridges on existing alignment with off-site detour - no feasible detour exist.
- 4) Replace existing bridges on existing alignment with stage construction - eliminated due to required grade change.
- 5) Concrete box culvert - preliminary hydraulics indicates a box culvert will not be adequate.
- 6) No Build

SELECTED ALTERNATE: New structures will be constructed on the existing alignment. The detour will be constructed 55 feet east of the existing alignment.

ATTACHMENTS: Cost Estimate, Typical Sections, Notice of Location and Design Approval, Traffic Data, Concept Meeting Minutes and Bridge Inventory Data

PROJECT CONCEPT REPORT

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BRST-0962(9)(8) COUNTY: Glascock

DATE: January 4, 2002

ESTIMATED LETTING DATE:

PREPARED BY: PBS&J

PROJECT LENGTH: 0.73 miles

PROGRAMMING
PROCESS

CONCEPT
DEVELOPMENT

DURING PROJECT
DEVELOPMENT

PROJECT COST	
A. RIGHT-OF-WAY: (LGPA)	
1. PROPERTY (LAND & EASEMENT)	\$10,000
2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0	\$0
3. OTHER COST (ADM./COST, INFLATION)	\$10,000
SUBTOTAL A:	\$20,000
B. REIMBURSABLE UTILITIES: (LGPA)	
1. RAILROAD	\$0
2. TRANSMISSION LINES	\$0
3. SERVICES	\$0
SUBTOTAL B:	\$0
CONSTRUCTION	
C. MAJOR STRUCTURES:	
1. RETAINING WALLS	\$0
2. BRIDGES	\$312,000
a. BRIDGE OVER ROCKY COMFORT (520' X 38')	\$1,284,400
b. BRIDGE OVER ROCKY COMFORT OVERFLOW (160' X 38')	\$395,200
3. EXTEND EXISTING CULVERTS	\$0
SUBTOTAL C:	\$1,679,600

PROJECT CONCEPT REPORT

D. GRADING AND DRAINAGE	
1. EARTHWORK	
a. BORROW: (23,800 cu.yd. @ \$6.00)	\$142,8,000
b. EXCAVATION: (1,000 cu.yd. @ \$4.00)	\$4,000
SUBTOTAL D-1:	\$155,200
2. DRAINAGE	
a. SLOPE DRAIN PIPE (160 ft of 15 in @ \$20)	\$3,200
b. SPILLWAY TYPE 1: (8 each @ \$1150)	\$9,200
SUBTOTAL D-2:	\$12,400
SUBTOTAL D:	\$180,000
E. BASE AND PAVING	
1. AGGREGATE BASE (3250 sq. yd. of 8" @ \$8)	
	\$26,000
2. SURFACE AGGREGATE (100 tons @ \$15)	
	\$1,500
3. ASPHALT PAVING	
a. Surface (830 tons @ \$35)	\$29,100
b. Binder (370 tons @ \$40)	\$14,800
c. Base (740 tons @ \$42)	\$31,100
d. Leveling (1400 tons @ \$36)	\$50,400
e. Tack Coat (1,000 gals @ \$1)	\$1,000
SUBTOTAL E-3:	\$126,400
4. CONCRETE PAVING - Approach Slabs (540 sq yd @ \$90)	
	\$48,600
SUBTOTAL E:	\$202,500

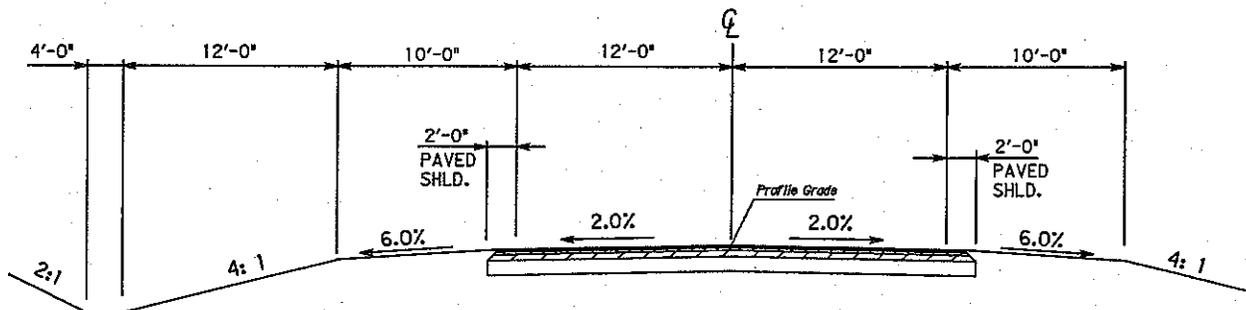
F. LUMP ITEMS	
1. TRAFFIC CONTROL	\$25,000
2. CLEARING AND GRUBBING	\$25,000
3. GRASSING	\$10,000
4. EROSION CONTROL	\$10,000
5. TEMP. EROSION CONTROL	\$25,000
SUBTOTAL F:	\$95,000

PROJECT CONCEPT REPORT

G. MISCELLANEOUS		
1. SIGNING		
a. SIGNS		\$1,000
b. POSTS		\$500
	SUBTOTAL G-1:	\$1,500
2. STRIPING		
a. 5 IN WHITE SOLID (10,000 FT @ \$0.10)		\$1,000
b. 5 IN YELLOW SOLID (10,000 FT @ \$0.10)		\$1,000
	SUBTOTAL G-2:	\$2,000
3. GUARDRAIL		
a. TYPE W (2000 FT @ \$12)		\$24,000
b. TYPE T (168 FT @ \$35)		\$5,900
c. TYPE 12 ANCHORS (4 @ \$1600)		\$6,400
d. TYPE 1 ANCHORS (4 @ \$450)		\$1,800
	SUBTOTAL G-3:	\$38,100
	SUBTOTAL G:	\$41,600
H. DETOUR		
1. DETOUR BRIDGE – ROCKY COMFORT (165' X 24')		\$61,400
2. DETOUR BRIDGE – ROCKY COMFORT OVERFLOW (134' X 24')		\$48,400
3. EARTHWORK		
a. BORROW (38000 CY @ \$6)		\$228,000
b. EXCAVATION (1500 CY @ \$4)		\$6,000
3. BASE AND PAVING		
a. AGGREGATE BASE (6500 SY of 8" @ \$8)		\$52,000
b. ASPHALT PAVING		
1. SURFACE (550 TONS @ \$35)		\$19,300
2. BINDER (720 TONS @ \$40)		\$28,800
c. TACK COAT (500 GAL @ \$1)		\$500
	SUB-TOTAL H:	\$444,400

PROJECT CONCEPT REPORT

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	\$20,000
B. REIMBURSABLE UTILITIES	\$0
CONSTRUCTION	
C. MAJOR STRUCTURES	\$1,679,600
D. GRADING AND DRAINAGE	\$180,000
E. BASE AND PAVING	\$202,500
F. LUMP ITEMS	\$95,000
G. MISCELLANEOUS	\$41,600
H. DETOUR	\$444,400
SUBTOTAL CONSTRUCTION COST	\$2,643,100
INFLATION (5% PER YEAR)	\$270,900
NUMBER OF YEARS	2
E. & C. (10%)	\$264,300
TOTAL CONSTRUCTION COST	\$3,178,300
GRAND TOTAL PROJECT COST	\$3,198,300



TYPICAL SECTION

**SR 171 OVER ROCKY COMFORT CREEK
& OVERFLOW AT GIBSON N. CITY LIMIT
PROJECT NO. BRST-0962(9)
P.I. NO. 245346
GLASCOCK CO.**

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-0962(9)(8) - Glascock County
P.I. Number 245346
SR 171 over Rocky Comfort Creek and Overflow

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 this project.

The date of location approval is MARCH 18, 2002.

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

Edwin L. Thompson, Jr.
edwin.thompson@dot.state.ga.us
424 Industrial Drive
Sandersville, Georgia 31082
(478) 240-3063

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:

James B. Buchan, P.E.
State Consultant Design Engineer
ben.buchan@dot.state.ga.us
No. 2 Capitol Square
Atlanta, Georgia 30334
(404) 463-6133

Any written requests or 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-0962(9)(8) Glascock
P.I. 245346 & 245347

OFFICE Environment/ Location

DATE May 16, 2001

FROM Harvey D. Keepler, State Environmental/ Location Engineer

TO Jim Chambers, P.E., State Consultant Design Engineer
Attn: Ted Cashin

SUBJECT SR 171@ Rocky Comfort Creek

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

2000 ADT = 1000

2006 ADT = 1150

2026 ADT = 1700

K = 9%

D = 60%

T = 8%

24 HR T = 10%

SU = 5%

COMB = 5%

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

Concept Team Meeting Minutes

Project: BRST-0962(9)(8), Glascock County
P.I. No.: 245346 and 245347
SR 171 over Rocky Comfort Creek and Overflow

Date: February 1, 2002

On January 25, 2002 at 10:30 a.m., a project team concept meeting was held at the GDOT District Office in Tennille, Georgia to review the concept report for project number BRST-0962(9)(8). The following were in attendance:

GDOT

Ted Cashin
Todd Price
Chris Holmes
Nick Everett
Jim Kitchings
Jamie Lindsey
Kraig Collins

Debbie Pennington
Phillip Scarborough
Rusty Merritt
Edwin Thompson, Jr.
Terrell McMillan
Alan Smith

PBS&J

Ron Morris
Mickey Michalski
Daniel McDuff

Glascock County

Thomas Chalker

Daniel McDuff presented the project and the following comments were made:

General Comments

- The team recommends adding a statement to the coordination section of the report to combine P.I. 245347 with P.I. 245346.
- On Concept signature page, change "State Transportation Programming Engineer" to "Office of Financial Planning Administrator".
- The Concept Team recommends pulling the detour alignment closer to the existing alignment to avoid property impacts to parcels on the south end of the project.
- The Concept Team recommends pulling the detour alignment closer to the existing alignment to avoid impacts to the detention pond on the north end of the project.
- Particular attention will need to be paid to the drainage at the north end of the project, particularly when the detour bridge/culvert is constructed.
- The Overflow bridge should be evaluated to determine if a concrete box culvert would be adequate at this location. If a box culvert is determined to be adequate, environmental impacts at this location will have to be studied closely.

Page 5 of 6

- Add the Concept Team Meeting date to the Coordination section of the Concept Report.

Page 6 of 6

- Change the graded shoulders for the detour from 4 feet to 6 feet. This is in the Traffic Control During Construction section of the Concept Report.

Preliminary Cost Estimate

- On page 1 of 4, revise the Right-of-Way Property Cost in item A1 from \$20,000 to \$10,000. Revise the Right-of-Way other costs in item A3 from \$20,000 to \$10,000. Adjust R/W subtotal and totals on page 4 of 4.
- On page 1 of 4, revise Reimbursable Utilities item B3 from \$25,000.00 to \$0. Adjust the utility subtotal and amount and totals on page 4 of 4.

Typical Sections

- Adjust all slopes to percent instead of inches per foot.

GLASCOCK COUNTY

Structure ID: 125-0004-0

Location & Geography

- * Structure I.D. No.: 125-0004-0
- * 200 Bridge Information: 06
- * 6A Feature Int.: ROCKY COMFORT CREEK
- * 6B Critical Bridge: 0
- * 7A Route Number Carried: SR00171
- * 7B Facility Carried: SR 171
- * 9 Location: GIBSON - NORTHEGE
- * 2 DOT District: 2
- * 207 Year Photo: 2001
- * 91 Inspection Frequency: 24 Date: 01/24/2001
- * 92A Fract Crit Insp Freq: 0 00 Date: 0000
- * 92B Underwater Insp Freq: 0 00 Date: 0000
- * 92C Other Spc. Insp Freq: 0 00 Date: 0000

- * 4 Place Code: 32748
- * 5 Inventory Route (O/U): 1
- Type: 3
- Designator: 1
- Number: 00171
- Direction: 0
- * 16 Latitude: 33-09.4
- * 17 Longitude: 82-35.7

- 98 Border Bridge: 000 %Shared: 00
- 99 ID Number: 0000000000000000
- * 100 Defense Highway: 0
- * 101 Parallel Structure: N
- * 102 Direction of Traffic: 2
- 264 Road Inventory Mile Post: 008.51
- * 208 Inspection Area: 02 Initials: JTB
- * Location I.D. No: 125-00171D-008.54N
- * XReferen I.D. No: 000-000000-000.000

Signs & Attachments

- * 104 Highway System: 0
- * 26 Functional Classification: 07
- * 204 Federal Route Type: S No: 00962
- * 110 Truck Route: 0
- 206 School Bus Route: 1
- 217 Benchmark Elevation: 0.00
- 218 Datum: 0
- * 19 Bypass Length: 6
- * 20 Toll: 3
- * 21 Maintenance: 01
- * 22 Owner: 01
- * 31 Design Load: 2
- 37 Historical Significance: 5
- 205 Congressional District: 10
- * 27 Year Constructed: 1950
- 106 Year Reconstructed: 0000
- 33 Bridge Median: 0
- 34 Skew: 00
- 35 Structure Flared: 0
- 38 Navigation Control: 0
- 213 Special Steel Design: 0
- 267 Type of Paint: 2
- * 42 Type Service On: 1 Under: 5
- 214 Movable Bridge: 00
- 203 Type Bridge: E-N-M-O
- 259 Pile Encasement: 1
- * 43 Structure Type Main: 3 02
- 45 No. Spans Main: 003
- 44 Structure Type Appr: 4 4
- 46 No. Spans Appr: 0014
- 226 Bridge Curve Horz: 0 Vert: 0
- 111 Pier Protection: 0
- 107 Deck Structure Type: 1
- 108 Wearing Surface Type: 1
- Membrane: 8
- Protection: 8
- 223 Expansion Joint Type: 02
- 242 Deck Drains: 1
- 243 Parapet Location: 0
- Height: 0
- Width: 0
- 238 Curb: 1.2 1
- 239 Handrail: 1 1
- * 240 Median Barrier Rail: 0
- 241 Bridge Median Height: 0
- Width: 0
- * 230 Guardrail Loc Dir Rear: 3
- Fwr: 3
- Oppo Dir Rear: 0
- Fwr: 0
- 244 Approach Slab: 0
- 224 Retaining Wall: 0
- 233 Posted Speed Limit: 45
- 236 Warning Sign: 1
- 234 Delineator: 1
- 235 Hazard Boards: 1
- 237 Utilities Gas: 00
- Water: 00
- Electric: 00
- Telephone: 31
- Sewer: 00
- 247 Lighting Street: 0
- Navigation: 0
- Aerial: 0
- * 248 County Continuity No: 00

Programming Data

201 Project No: S-962 (1)
 202 Plans Available: 1
 249 Prop. Proj No: BRST-0962 (9)
 250 Approval Status: 0000
 251 P.I. No: 245346
 252 Contract Date: 02/01/2005
 260 Seismic No: 00000
 75 Type Work: 34 1
 94 Bridge Imp. Cost: \$ 439
 95 Roadway Imp. Cost: \$ 253
 96 Total Imp. Cost: \$ 925
 76 Imp. Length: 001818
 97 Imp. Year: 1990
 114 Future ADT: 001650 Year: 2019

Hydraulic Data

215 Waterway Data
 Highwater Elev: 0317.0 Year: 1929
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0302.9
 Drainage Area: 00106
 Area of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 03.6 Br Height: 16.2
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No Barrels: 0
 Width: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No: 125-00171D-008.54N
 * XReferen I.D. No: 000-0000000-000.000

Measurements

* 29 ADT: 001100 Year: 1999
 109 % Trucks: 16
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0040
 * 49 Structure Length: 498
 51 Br. Rdwy. Width: 23.8
 52 Deck Width: 29.8
 * 47 Tot. Horz. Cl: 23.8
 50 Curb/Sdewlk Width: 2.1/2.1
 32 Approach Rdwy Width: 026
 * 229 Shlder Width:

Rear Lt: 5.0 Type: 4 Rt: 2.0
 Fwd Lt: 5.0 Type: 4 Rt: 2.0
 Pmnt Width:
 Rear: 24.0 Type: 2
 Fwd: 24.0 Type: 2
 Intersection Rear: 1 Fwd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over: 99' 99"
 Under: N 00' 00"
 * 228 Min. Vert. Cl

Act. Odm. Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 0.0
 * 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: 6.5
 Deck Thick Approach: 6.5
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 50.0
 212 Year Last Painted: Sup: 1996 Sub: 1990

Ratings

66 Inventory Type: 2 Rating: 13
 64 Operating Type: 2 Rating: 29
 231 Calculated Loads
 H-Modified: 14 1
 HS-Modified: 22 0
 Type 3: 18 1
 Type 3s2: 33 0
 Timber: 25 1
 Piggyback: 00 0
 261 H Inventory Rating: 10
 262 H Operating Rating: 15
 67 Structural Evaluation: 2
 58 Deck Condition: 7
 59 Superstructure Condition: 7
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: 6
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 6
 68 Deck Geometry: 3
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 8
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 3
 41 Struct Open, Posted, Cl: P
 * 103 Temporary Structure: T
 232 Posted Loads H-Modified: 15
 HS-Modified: 00
 Type 3: 27
 Type 3S2: 00
 Timber: 32
 Piggyback: 00
 253 Notification Date: 0000
 253 Fed Notify Date: 0000 2

Programming Data

201 Project No: S-962 (1)
 202 Plans Available: 2
 249 Prop. Proj No: BRST-0962 (8)
 250 Approval Status: 0000
 251 P.I. No: 245347
 252 Contract Date: 02/01/2004
 260 Seismic No: 00000
 75 Type Work: 34 1
 94 Bridge Imp. Cost: \$ 22
 95 Roadway Imp. Cost: \$ 27
 96 Total Imp. Cost: \$ 99
 76 Imp. Length: 000346
 97 Imp. Year: 1990
 114 Future ADT: 001350 Year: 2019

Measurements

* 29 ADT: 000900 Year: 1999
 109 % Trucks: 16
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0027
 * 49 Structure Length: 135
 51 Br. Rdwy. Width: 23.8
 52 Deck Width: 29.8
 * 47 Tot. Horz. Cl: 23.8
 50 Curb/Sdewlk Width: 2.1/2.1
 32 Approach Rdwy Width: 024
 * 229 Shlder Width:
 Rear Lt: 5.0 Type: 4 Rt: 2.0
 Fwrd Lt: 5.0 Type: 4 Rt: 2.0
 Pvment Width:
 Rear: 22.0 Type: 2
 Fwrd: 22.0 Type: 2 Fwrd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over: 99'99"
 Under: N 00'00"
 * 228 Min. Vert. Cl
 Act. Odm. Dir: 99'99"
 Oppo. Dir: 99'99"
 Posted Odm. Dir: 00'00"
 Oppo. Dir: 00'00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 0.0
 * 10 Max Min Vert Cl: 99'99" Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed:
 245 Deck Thickness Main: 6.5
 Deck Thick Approach: 6.5
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 13.0
 212 Year Last Painted: Sup: 1996 Sub: 1991

Hydraulic Data

215 Waterway Data
 Highway Elev: 0317.0 Year: 1929
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0307.2
 Drainage Area: 00000
 Area of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 0.8 Br Height: 11.6
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwrd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover:
 Type:
 No Barrels:
 Width:
 Height:
 Length:
 Apron:
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No: 125-00171D-008.96N
 * XReferen I.D. No: 000-000000-000.000

Ratings

66 Inventory Type: 2 Rating: 13
 64 Operating Type: 2 Rating: 29
 231 Calculated Loads
 H-Modified: 14 1
 HS-Modified: 22 0
 Type 3: 18 1
 Type 3s2: 33 0
 Timber: 25 1
 Piggyback: 00 0
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70 Bridge Posting Required: 3
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 * 103 Temporary Structure: T
 232 Posted Loads H-Modified: 15
 HS-Modified: 00
 Type 3: 27
 Type 3S2: 00
 Timber: 31
 Piggyback: 00
 253 Notification Date: 0000
 253 Fed Notify Date: 0000 2

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-0962(9)
County: Glascock
P. I. Number: 245346, 245347

Federal Route Number: S-00962
State Route Number: 171

Recommendation for approval:

2-12-02

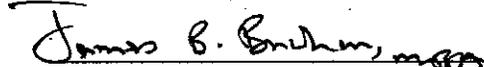
DATE

2-12-02

DATE



Project Manager

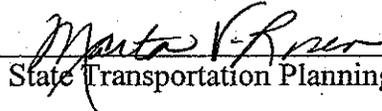


State Consultant Design Engineer

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

02-21-02

Date



State Transportation Planning Administrator

Date

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

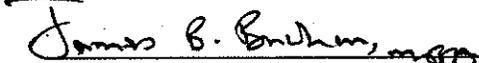
Project Number: BRST-0962(9)
County: Glascock
P. I. Number: 245346, 245347

Federal Route Number: S-00962
State Route Number: 171

Recommendation for approval:

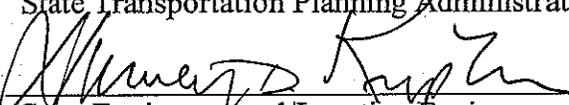
2-12-02
DATE

2-12-02
DATE


Project Manager

State Consultant Design Engineer

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

Date
2/22/02
Date

State Transportation Planning Administrator

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-0962(9)

County: Glascock

P. I. Number: 245346, 245347

Federal Route Number: S-00962

State Route Number: 171

Recommendation for approval:

2-12-02

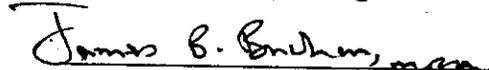
DATE

2-12-02

DATE



Project Manager


State Consultant Design Engineer

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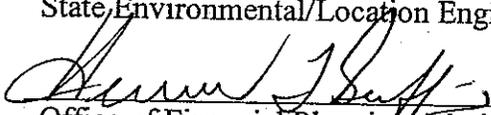
Date

State Transportation Planning Administrator

Date

State Environmental/Location Engineer

2/18/02
Date


Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-0962(9)
County: Glascock
P. I. Number: 245346, 245347

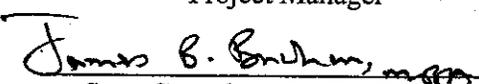
Federal Route Number: S-00962
State Route Number: 171

Recommendation for approval:

2-12-02
DATE

2-12-02
DATE


Project Manager


State Consultant Design Engineer

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Date

State Transportation Planning Administrator

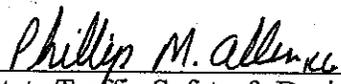
Date

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

2/22/02
Date


State Traffic Safety & Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-0962(9)
County: Glascock
P. I. Number: 245346, 245347

Federal Route Number: S-00962
State Route Number: 171

Recommendation for approval:

2-12-02

DATE

2-12-02

DATE

Project Manager

State Consultant Design Engineer

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

Date

State Transportation Planning Administrator

Date

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

3/12/02
Date

Michael L. Thomas
District Engineer *DR*

Date

Project Review Engineer

Date

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-0962(9)
County: Glascock
P. I. Number: 245346, 245347

Federal Route Number: S-00962
State Route Number: 171

Recommendation for approval:

2-12-02
DATE

2-12-02
DATE



Project Manager

James B. Buchanan, MPE
State Consultant Design Engineer

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

Date

State Transportation Planning Administrator

Date

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

Date

District Engineer

Date

Project Review Engineer

2-17-02
Date

Paul V. Giles Jr
State Bridge & Structural Design Engineer