

D.O.T. 66

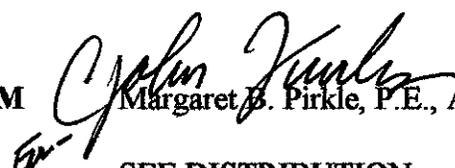
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-074-2(41) Fayette County
P. I. No. 333185

OFFICE Preconstruction

DATE December 9, 2003

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

TO *For* SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

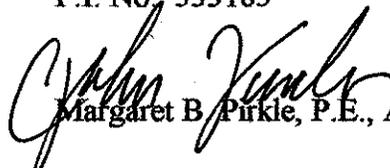
DISTRIBUTION:

David Mulling
Harvey Keepler
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Brent Story
Thomas Howell
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-074-2(41) Fayette County **OFFICE** Preconstruction
P.I. No. 333185 **DATE** December 1, 2003

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 northbound SR 85 (Clark Howell Highway) over Morning Creek, 3.5 miles north of Fayetteville, Georgia. The existing bridge (243' x 32') was built in 1947 and consists of 9 spans at 27' long with a sufficiency rating of 33. State Route 85 is a four lane divided rural roadway with a posted speed of 55 MPH. The base year traffic (2007) along this section of SR 85 is 34,500 VPD. The 20 year (2027) or design year volume is 46,500 VPD. The proposed speed design is 55 MPH.

The construction proposes to construct a new 243' x 38' concrete bridge over Morning Creek at the old bridge site. The approaches will consist of two, 12' northbound lanes with a 10' outside shoulder (6.5 paved) and a 6' inside shoulder (2' paved). Two-way traffic will be maintained on the southbound bridge while the northbound bridge is constructed. The existing southbound bridge will be jacked approximately 2' and widened 13.67' to accommodate the temporary detour required for stage construction.

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.

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)	\$2,654,000	\$2,654,000	2006	2006
Right-of-Way	\$ 25,000	\$ 26,000		
Utilities*	-----	-----		

*Fayette County refused LGPA for utilities 8-4-99.

Paul V. Mullins

Page 2

BRST-074-2(41) Fayette

December 1, 2003

This project is in the STIP. I recommend this project concept be approved.

CWH:JDQ/cj

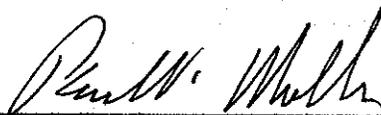
Attachment

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-074-2(41) Fayette
P.I. No.: 333185
S.R. 85 @ Morning Creek

OFFICE: Engineering Services

DATE: November 13, 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 November 13, 2003 by the letter from Brent A. Story dated November 12, 2003, and have the following comment.

- Since the existing SB Bridge over Morning Creek is being widened and jacked, verify that the cost for this work can be funded with Bridge Replacement funds. If not, additional funding sources should be used.

The costs for this project are:

Construction	\$2,188,271
Inflation	\$224,300
E&C	\$241,300
Reimbursable Utilities	Not shown (LGPA anticipated)
Right of Way	\$24,544

REW

c: Brent Story, Attn: Ted Cashin

SCORING RESULTS AS PER MOG 2440-2

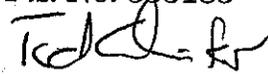
Project Number: BRST-074-2(41)		County: Fayette		PI No.: 333185	
Report Date: September 29, 2003		Concept By: DOT Office: Consultant Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: Parsons Brinckerhoff Quade & Douglas			
Project Type: Choose One From Each Column <hr style="width: 20%; margin-left: 0;"/>		<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	100				
Judgement	90	Funding issue with costs for widening and jacking the existing SB Bridge over Morning Creek should be addressed.			
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

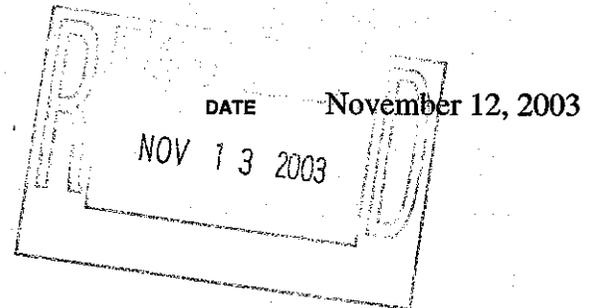
FILE **BRST-074-2(41) Fayette County**
SR 85 NBL over Morning Creek 3.5 mi N of Fayetteville
P.I. No. 333185-

OFFICE Atlanta

FROM 
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.

If you have any questions or require further information please call (404)463-6135 or John Durand of Parsons Brinckerhoff Quade & Douglas, Inc. at (404) 364-5236.

Distribution:

David Mulling, Project Review Engineer
Harvey Keepler, 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
Thomas Howell, District Engineer – Thomaston
Paul Liles, State Bridge & Structural Engineer

BAS:MAH:EJC

cc: Parsons Brinckerhoff Quade & Douglas, Inc.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-074-2 (41)

County: Fayette

P. I. Number: 333185

Federal Route Number: N/A

State Route Number: 85

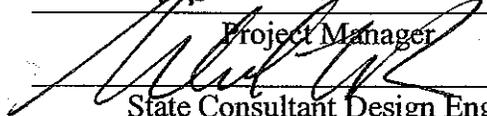
DESCRIPTION: S.R. 85 NB bridge replacement over Morning Creek

Recommendation for approval:

DATE 9-27-03

DATE 9-29-03



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 Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer, Thomaston

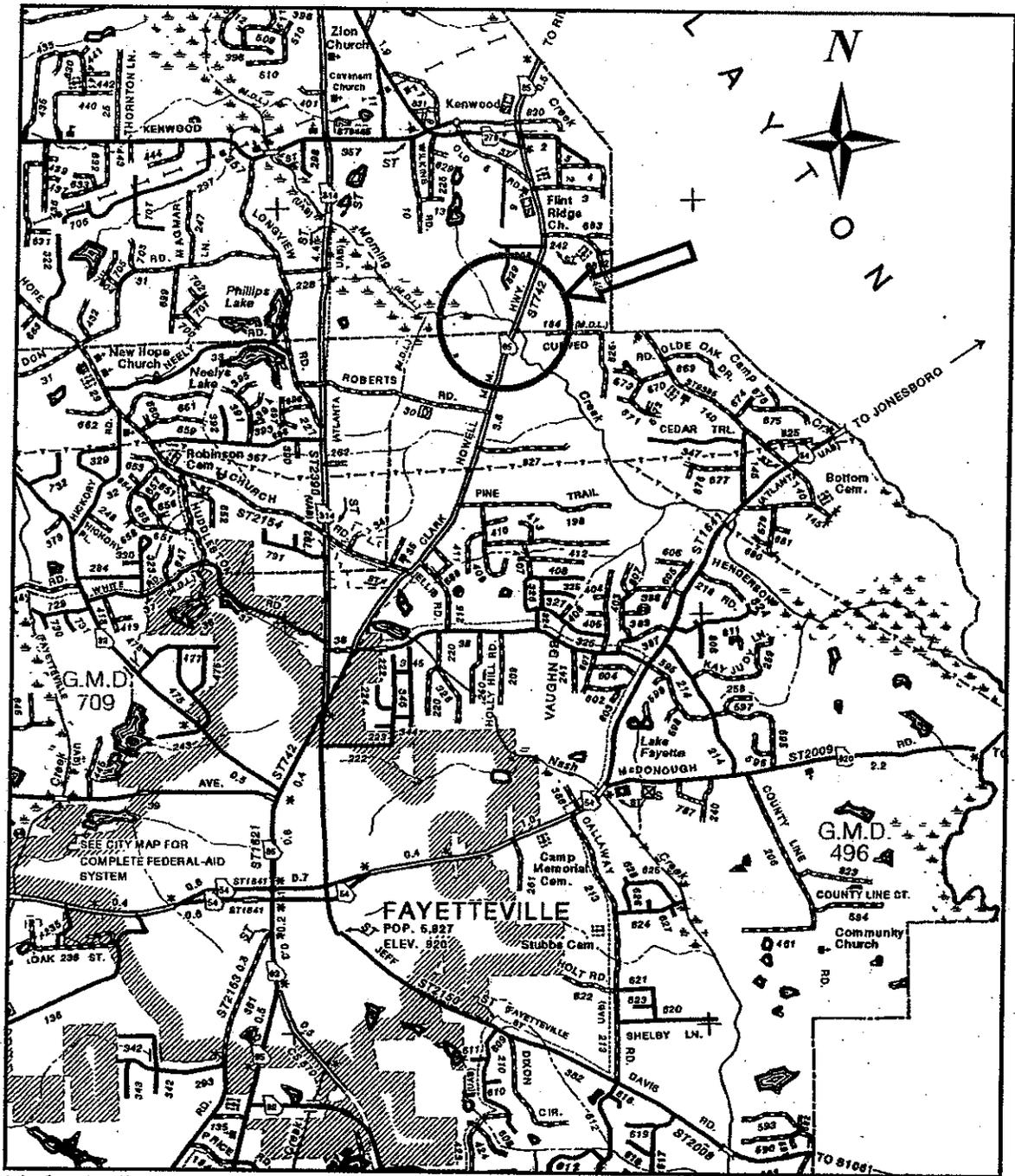
DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

Page 1



Scale: 1 inch = 1 mile

Location Map

Project: BRST-074-2(41) Fayette County PI No.: 333185.

Description: SR 85 NB bridge replacement over Morning Creek 3.5 mi N of Fayetteville

Project Concept Report page 2

Project Number: BRST-074-2 (41)

P. I. Number: 333185

County: Fayette

Need and Purpose: See attached Need & Purpose Statement.

Description of the proposed project: Project BRST-074-2(41) is a bridge replacement project in Fayette County on S.R. 85 NB over Morning Creek. The total project length is approximately 3000 feet (0.568 mile), beginning approximately 3.5 miles north of Fayetteville at MP 13.30 and extending to MP 13.87. The purpose of this project is to replace a structurally deficient and functionally obsolete bridge on SR 85 NB. As a result of the Hydraulic Study and detour requirements, it is also necessary to jack and widen the existing SB bridge over Morning Creek. The existing NB bridge sufficiency rating is currently 33.00.

Is the project located in a Non-attainment area? Yes No

The proposed project design does not add any additional capacity to State Route 85. The existing roadway has four travel lanes. The proposed roadway will be designed for four travel lanes. The project is consistent with what is identified in the District 3 STIP.

PDP Classification: Minor/ Existing

Full Oversight (), Exempt (X), State Funded (), or Other ()

Functional Classification: Urban Principal Arterial

U. S. Route Number(s): None

State Route Number(s): 85

Traffic (AADT):

Current Year: (2007) 34500

Design Year: (2027) 46500

Existing design features:

- Typical Section: Four 12 ft. wide travel lanes (two travel lanes in each direction), with a 42 ft grassed median, with (4 ft) left and (10 ft) right paved shoulders
- Posted speed 55 mph Maximum radius: No Curve
- Maximum grade: 6.0 % Mainline; 0.5% Cross Roads, and 10% Driveways
- Width of right of way: 170 ft.
- Major structures: (1) Concrete and steel bridge NB over Morning Creek, 9 spans at 27 ft long, total length 243 ft., width 32 ft.-4 in. (bridge roadway width 25 ft.-10 in.) sufficiency rating is 33.0.
(2) Concrete bridge SB over Morning Creek, 9 spans at 27 ft. long, total length 243 ft, width 42 ft.
- Major interchanges or intersections along the project: None

Project Concept Report page 3

Project Number: BRST-074-2 (41)

P. I. Number: 333185

County: Fayette

Proposed Design Features:

Proposed typical section(s): Four 12' wide travel lanes (two travel lanes in each direction) with 42 ft wide grassed median, 10' wide graded outside shoulders (6'6" paved) and 6' wide graded median shoulders (2' paved). Typical section attached. (Shoulder to be paved under guardrail)

- Proposed Design Speed Mainline: 55 mph
- Proposed Maximum grade Mainline: 6.0% Maximum grade allowable: 6.5%
- Proposed Maximum grade Side Street: 0.5% Maximum grade allowable: 9.5%
- Proposed Maximum grade driveway: 10%
- Proposed Maximum radius of curve: No Curve Maximum radius allowable: 965 ft.
- Right of way
 - Width: 15 feet of additional Right of Way on each side is anticipated.
 - Easements: Temporary (), Permanent (X), Utility (), Other ()
 - Type of access control: Full (), Partial (), By Permit (X), Other ()
 - Number of parcels: 6 Number of displacements: None
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - Bridges: The proposed concrete bridge (NB) will be 38 ft wide and 243 ft long, consisting of two 12'-0" travel lanes and 4'-0"/10'-0" shoulders. The existing concrete bridge (SB) will be jacked approx. 2 ft. and widened 13'-8" to accommodate the temporary detour required for stage construction.
 - Retaining walls: None required
- Major intersections and interchanges. None
- Traffic control during construction: The traffic will be detoured on-site with a detour which will be parallel and to the west of the existing bridge. Approximately 3000 feet of temporary detour roadway will be required and the existing SB bridge will be widened in order to construct the proposed NB bridge.

Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	(X)	()
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

- Design Variances; None
- Environmental concerns:
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (Anticipated),
- Utility involvement:

Project responsibilities:

- Design, Office of Consultant Design
- Right of Way Acquisition, District 3 Preconstruction (Right of Way Office)
- Relocation of Utilities, District 3 Utility Office
- Letting to contract, General Office (Office of Contract Administration)
- Supervision of construction, District 3 Construction Office
- Providing material pits, Project Contractor
- Providing detours. Office of Consultant Design (provided in project design)

Coordination

- Initial Concept Meeting date and brief summary. Attach minutes. N/A
- Concept meeting date and brief summary. Attach minutes. P. A. R. meetings, dates and results. None required.
- FEMA, USCG, and/or TVA: Nationwide 404 with PCN
- Public involvement: None anticipated
- Local government comments: Fayette County has not signed utility LGPA
- Other projects in the area. None
- Other coordination to date. None

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 1 Months.
- Time to complete the Section 404 Permit: 2 Months.
- Time to complete final construction plans: 3 Months.
- Time to complete to purchase right of way: 6 Months.
- List other major items that will affect the project schedule: N/A
- Time to construct project: 18 Months

Alternates considered: (1) Construct proposed bridge at same location as the existing bridge with temporary on-site detour; (2) Construct proposed bridge at same location as the existing bridge with off-site detour; close road; (3) Construct proposed bridge by staging construction and maintaining traffic; (4) Construct proposed bridge parallel and offset from existing, abandon and remove existing bridge; (5) No Build

Comments:

Comparison Summary of Concepts 1 - 5

Alternate (2) was eliminated due to the costs of rebuilding/repairing a lengthy detour route on County Roads. Alternate (3) was eliminated because staging the construction would cause a sub-standard shift in the alignment at the bridge. Alternate (4) was eliminated due to a long realignment to build proposed bridge at 45 feet offset and parallel. Alternate (5) was eliminated due to long-term maintenance cost of structurally deficient bridge. Alternate (1) is recommended for this concept. The on-site detour will be constructed on the west side of the existing north bound bridge and roadway because of possible environmental impacts (historical resources) on the east side. The detour centerline will be to the west of the existing north bound bridge and will be through the median. The detour roadway with respect to the horizontal and vertical alignment will be designed for a 45 MPH speed design. The detour typical section consists of two 12-ft. wide lanes with 8 ft grassed shoulders. The length of the detour is approximately 3000 feet. The existing south bound bridge will be jacked and then widened to accommodate the temporary detour for north bound traffic during stage construction and the south bound traffic.

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Bridge inventory,
5. Minutes of Initial Concept and Concept meetings
6. LGPA's or PMA's,
7. Location and Design Notice
8. Preliminary Pavement Design
9. Need and Purpose Statement
10. Traffic Data
11. Project Concept Conformity Certification Letter

PRELIMINARY COST ESTIMATE

DATE: March 26, 2003

PREPARED BY: Parsons Brinckerhoff

PROJECT NO.: BRST-074-2(41)

P.I. NO.: 333185

LENGTH: 0.568 mi.

PROJECT DESCRIPTION: SR 85 NB over Morning Creek bridge replacement. Proposed bridge length of 243 ft and 38'-0" wide. Jack and widen SB bridge over Morning Creek.

PROPOSED CONCEPT: Four 12' wide travel lanes with 10' outside shoulders (6'6" paved and 6' median shoulders (2' paved). Traffic will be detoured on-site in the median and on the widened SB bridge across Morning Creek.

EXISTING ROADWAY: State Route 85

TRAFFIC: Existing: 34,500 ADT (2007) Design: 46,500 ADT (2027)

() PROGRAMMING PROCESS (x) CONCEPT DEVEL. () DURING PROJ DEVEL.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (R/W & EASEMENT) 1.04 acres@\$20,000/ac.	\$ 20,800
2. DISPLACEMENTS: NONE	\$
3. OTHER COST (ADM./COST, INFLATION)	\$ 3,744
SUBTOTAL:A	\$ 24,544
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$
2. TRANSMISSION LINES	\$
3. SERVICES (Fayette County has not signed LGPA)	\$
SUBTOTAL:B	
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. NB bridge replacement over Morning Creek (41.25'x 243')@\$55/sq.ft.	\$ 916,706
b. SB bridge widening over Morning Creek (13.67'x 243')@\$110/sq. ft.	
b. APPROACH SLAB – 642 SY @\$100/SY; 2 each spillways @\$1500 ea; 100 LF 15" slope drain pipe @\$23/LF	\$ 69,500
SUBTOTAL:C-1	\$1,093,127
2. GRADING AND DRAINAGE:	
a. EARTHWORK – 30,000 CY Borrow @ \$5.00/CY	\$ 150,000

PROJECT COST		
b. DRAINAGE:		
1) MEDIAN DRAINAGE: 6 ea drop inlets @\$1500 ea; 600 LF 18" pipe @\$25/LF; 6 ea flared end sections @\$390 ea		\$ 26,340
2) METAL DRAIN INLETS: 12 ea metal drain inlets under req'd guardrail @\$1200 ea		\$ 14,400
	SUBTOTAL:C-2	\$ 190,740
3. BASE AND PAVING:		
a. AGGREGATE BASE – Mainline 4,200 TN @ \$18/TN; Detour 3620 TN @\$18/TN		\$ 140,760
b. ASPHALT PAVING: SURFACE – Mainline 1,130 TN@\$45/TN; Detour 690 TN@\$45/TN	\$ 81,900	\$ 81,900
BINDER – Mainline 1,500 TN@\$36/TN; Leveling 2400 TN @\$37/TN; Detour 920 TN@\$36/TN	\$ 175,920	\$ 175,920
BASE – Mainline 2,210 TN @\$40/TN	\$ 88,400	\$ 88,400
	SUBTOTAL:C-3.b	\$ 486,980
c. CONCRETE PAVING		
		\$
d. OTHER- Bituminous tack coat 8,800 gal @\$1.00/gal		\$ 8,800
	SUBTOTAL:C-3	\$ 495,780
4. LUMP ITEMS:		
a. GRASSING – 5 acres @ \$2000/ac		\$ 10,000
b. CLEARING AND GRUBBING – 5 acres @\$1000/Ac		\$ 5,000
c. LANDSCAPING		
		\$
d. EROSION CONTROL- 5000 LF silt fence type A @\$2.75/LF, 1000 LF silt fence type C @\$4.80/LF; 2 ea sediment basins @\$6000 ea; 10,000 SY slope mat @\$1.50/SY; 75 TN mulch @\$250/TN; 4 ea construction exits @\$1500; 24 months water quality monitoring @\$1400/Mo.; 24 months water quality sampling @\$110/Mo		\$ 106,540
e. TRAFFIC CONTROL		\$ 50,000
	SUBTOTAL:C-4	\$ 171,540
5. MISCELLANEOUS:		
a. LIGHTING - None		\$
b. SIGNING & MARKING		\$ 5,000

PROJECT COST	
c. GUARDRAIL – 2500 LF @ \$12/LF, 6 ea Type 12 anch @ \$1500/ea; 2 ea Type 1 anch @ \$440 ea	\$ 39,880
d. CURB & GUTTER - None	\$
SUBTOTAL:C-5	\$ 44,880
6. SPECIAL FEATURES- Rem. Exist. Bridge \$71,500; Field Eng. Office Ty 3 \$54,000; Remove 2500 LF guardrail @\$1.25; 2000 temporary concrete barrier @\$20/LF; Jack existing SB bridge \$200,000	\$ 368,625
SUBTOTAL:C-6	

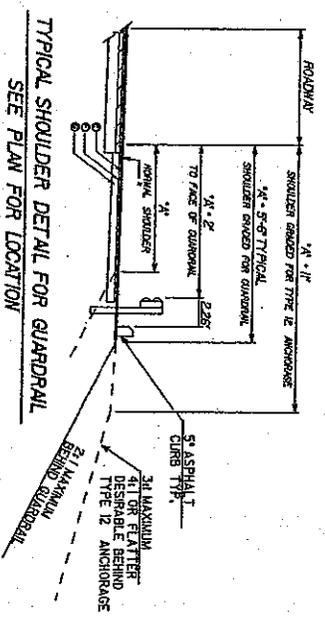
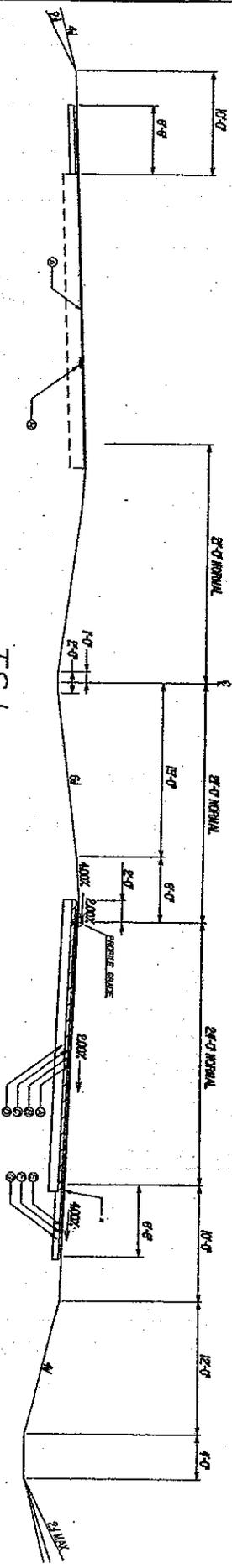
ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$ 24,544
B. REIMBURSABLE UTILITIES (Fayette Co. has not signed LGPA)		\$
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$ 916,706
2. GRADING AND DRAINAGE		\$ 190,740
3. BASE AND PAVING		\$ 495,780
4. LUMP ITEMS		\$ 171,540
5. MISCELLANEOUS		\$ 44,880
6. SPECIAL FEATURES		\$ 368,625
SUBTOTAL CONSTRUCTION COST		\$ 2,188,271
E. & C. (10%)		\$ 218,827
INFLATION (5% PER YEAR)		
NUMBER OF YEARS	2	\$ 240,710
TOTAL CONSTRUCTION COST		\$ 2,647,808
GRAND TOTAL PROJECT COST		\$ 2,672,352

TYPICAL SECTION

SR 85 MAINLINE

SB LANES

NB LANES



TANGENT SECTION
TS-1

SLOPE CONTROLS			
SLOPE	TOP	FIL	OVER 12"
4"	4"	4"	4"
2"	2"	2"	2"

* FEATURES GUARANTEED

- REQUIRED PAVEMENT**
- ① ASPHALTIC CONCRETE 125MM SUPERPAVE 165 LB/SY - MIX DESIGN LEVEL 1D
 - ② ASPHALTIC CONCRETE 190MM SUPERPAVE 220 LB/SY - MIX DESIGN LEVEL 1D
 - ③ ASPHALTIC CONCRETE 190MM SUPERPAVE 800 LB/SY - MIX DESIGN LEVEL 1C
 - ④ GRADED AGGREGATE BASE 1/2"
 - ⑤ ASPHALTIC CONCRETE 125MM SUPERPAVE 165 LB/SY - MIX DESIGN LEVEL 1A
 - ⑥ ASPHALTIC CONCRETE 190MM SUPERPAVE 220 LB/SY - MIX DESIGN LEVEL 1A
 - ⑦ GRADED AGGREGATE BASE 6"
 - ⑧ ASPHALTIC CONCRETE LEVELING AS REQUIRED
- * NOTE: 16 INCH WIDE MILLED RIBBLE STRIPS REQUIRED ON OUTSIDE PAVED SHOULDERS.

PBR
INC

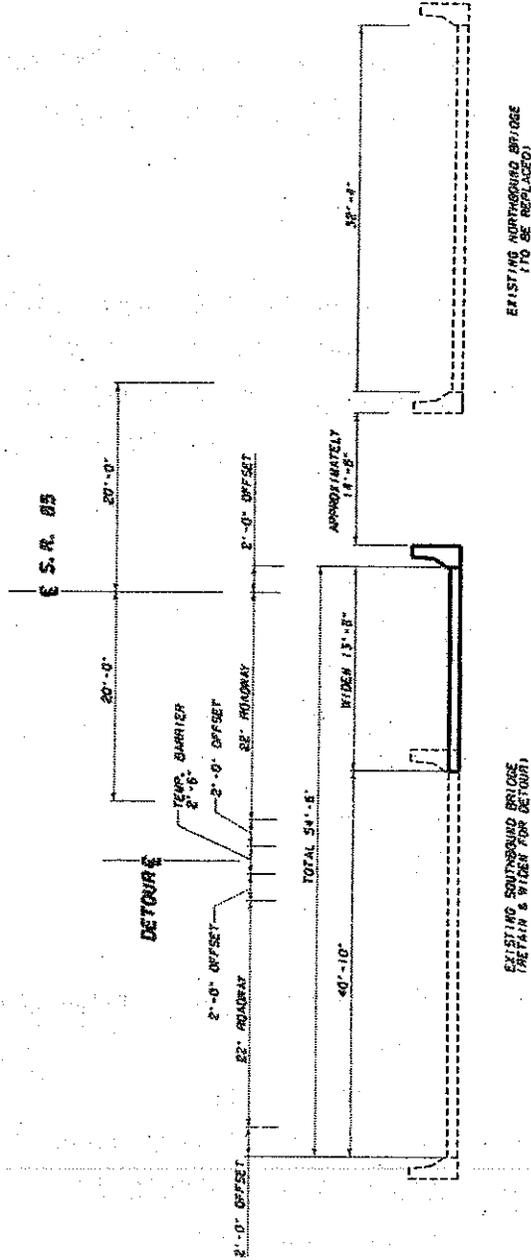
1140 BEAUCHIFFEE RD. NE
SUITE 2400 TOWER PLACE
ATLANTA, GA 30326-1001

NOT TO SCALE

STATE	PROJECT NUMBER	SHEET TITLE
GA	BRS1-01-42(W)	NO. 10053

TYPICAL SECTION

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	BRST-074-2(4)		



TYPICAL SECTION - SOUTH LOOKING NORTH

NOT TO SCALE
 3340 PEACHTREE RD. NE
 SUITE 2000, TOWER PLACE
 ATLANTA, GA 30328-1007

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-074-2(41) FAYETTE COUNTY

P.I. No. 333185

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.

The date of Location Approval is: _____

This project consists of improvements of S.R. 85 over Morning Creek, located in Fayette County, in GMD 1248. The improvement project includes replacing the existing north bound bridge over Morning Creek, raising and widening the existing south bound bridge over Morning Creek and providing an "on-site" detour in the median and on the widened south bound bridge in order to maintain traffic during construction.

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

Marc Mastronardi

Marc.Mastronardi@DOT.STATE.GA.US

1001 Highway 19 South

Griffin, Ga. 30223

Tel. No. 770-228-7205

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:

Brent A. Story

Georgia Department of Transportation

Brent.Story@DOT.STATE.GA.US

No. 2 Capitol Square

Atlanta, Georgia 30334

Tel. No. 404-463-6133

Any written request 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.

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 113-0011-0

Fayette

SUFP RATING

33.00

Location & Geography

* Structure ID No:	113-0011-0	* Highway System:	104	1	* Signs & Attachments	225	Expansion Joint Type:	02
* 200 Bridge Information:	07	* Functional Classification:	26	14		242	Deck Drains:	1
* 6A Feature Int:	MORNING CREEK	* Federal Route Type:	204	F No.: 074-2		243	Parapet Location:	0
* 6B Critical Bridge:	0	* Federal Lands Highway:	105	1			Height:	0.00
* 7A Route Number Carried:	SR00085	* 110 Truck Route:	110	1			Width:	0.00
* 7B Facility Carried:	SR 85 NBL	* 206 School Bus Route:	206	1				
* 9 Location:	3.5 MIN OF FAYETTEVILLE	* 217 Benchmark Elevation:	217	0000.00				
* 2 DOT District:	3	* 218 Datum:	218	0		238	Curb:	1.00 1
* 207 Year Photo:	2000	* 19 Bypass Length:	19	02		239	Handrail:	1 1
* 91 Inspection Frequency:	24	* 20 Toll:	20	3		* 240	Median Barrier Rail:	0
* 92A Fract Cnt Insp Freq:	00	* 21 Maintenance:	21	01		241	Bridge Median Height:	0.00
* 92B Underwater Insp Freq:	60	* 22 Owner:	22	01			Width:	0.00
* 92C Other Spc. Insp Freq:	00	* 31 Design Load:	31	2		* 230	Guardrail Loc Dir Rear:	3
* 4 Place Code:	00000	* 37 Historical Significance:	37	5			Fwrd:	3
* 5 Inventory Route (O/U):	1	* 205 Congressional District:	205	03			Oppo Dir Rear:	0
* Type:	3	* 27 Year Constructed:	27	1947			Fwrd:	0
* Designation:	1	* 106 Year Reconstructed:	106	0000				
* Number:	00085	* 33 Bridge Median:	33	0		244	Approach Slab:	3
* Direction:	0	* 34 Skew:	34	00		224	Retaining Wall:	0
* 16 Latitude:	33-29.7	* 35 Structed Flared:	35	0		233	Posted Speed Limit:	55
* 17 Longitude:	84-25.8	* 38 Navigation Control:	38	0		236	Warning Sign:	0
* 98 Border Bridge:	000	* 213 Special Steel Design:	213	0		234	Delineator:	1
* 99 ID Number:	0000000000000000	* 267 Type of Paint:	267	5		235	Hazard Boards:	0
* 100 STRAHNET:	0	* 42 Type of Service on:	42	1		237	Utilities Gas:	22
* 12 Base Highway Network:	0			5			Water:	00
* 13A IRS Inventory Route:		* 214 Movable Bridge:	214	0			Electric:	00
* 13B Sub Inventory Route:		* 203 Type Bridge:	203	E-N-M-O			Telephone:	22
* 101 Parallel Structure:	R	* 259 Pile Encasement:	259	2			Sewer:	00
* 102 Direction of Traffic:	1	* 43 Structure Type Main:	43	4 02				
* 264 Road Inventory Mile Post:	013.57	* 45 No. Spans Main:	45	009				
* 208 Inspection Area:	03	* 44 Structure Type Appr:	44	3 02				
* Engineer's Initial:	JAA	* 46 No. Spans Appr:	46	0000		247	Lighting Street:	0
		* 226 Bridge Curve Horiz:	226	0			Navigation:	0
		* 111 Pier Protection:	111	0			Aerial:	0
		* 107 Deck Structure Type:	107	1				
		* 108 Wearing Surface Type:	108	6				
		* Membrane:		0				
		* Protection:		0				
* Location I.D. No.:	113-00085D-014.22N					* 248	County Continuity No.:	00

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 113-0011-0

Fayette

SUFF. RATING

33.00

Programming Data

201 Project No.: F-2730 (2)
 202 Plans Available: 1
 249 Prop. Proj. No.: BRST-074-2 (41)
 250 Approval Status: 0000
 251 P.I. No.: 333185-
 252 Contract Date: 02/01/2005
 260 Seismic No.: 00000
 75 Type Work: 34 1
 94 Bridge Imp. Cost: \$ 158
 95 Roadway Imp. Cost: \$ 49
 96 Total Imp Cost: \$ 308
 76 Imp. Length: 000454
 97 Imp. Year: 1990
 114 Future ADT: 41985 Year: 2019

Measurements

* 29 ADT: 027990 Year: 1999
 109 % Trucks: 12
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0027
 * 49 Structure Length: 243
 51 Br. Rwdy. Width: 25.80
 52 Deck Width: 32.30
 * 47 Tot. Horz Cl: 25.80
 50 Curb/Sdewlk Width: 2.00/2.00
 32 Approach Rdwy Width: 038
 * 229 Shoulder Width:
 Rear Lt: 4.00 Type: 2 Rt
 Fwrd Lt: 4.00 Type: 2 Rt
 Pavement Width:
 Rear: 24.00 Type: 2
 Fwrd: 24.00 Type: 2
 Intersection Rear: 0 Fwrd: 0
 36 Safety Features Br. Rail:
 Transition: 1
 App. G. Rail: 1
 App. Rail End: 1
 53 Minimum Cl. Over:
 Under: N
 * 228 Min. Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Oppo. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Oppo. Dir: 00 ' 00 "

Ratings

65 Inventory Rating Method: 1
 63 Inventory Rating Method: 1
 66 Inventory Type: 2 Rating: 13
 64 Operating Type: 2 Rating: 29
 231 Calculated Loads
 H-Modified: 15 1
 HS-Modified: 25 0
 Type 3: 27 1
 Type 3S2: 40 0
 Timber: 31 1
 Piggyback: 40 0
 261 H Inventory Rating: 10
 262 H Operating Rating: 15
 67 Structural Evaluation: 2
 58 Deck Condition: 6
 59 Superstructure Condition: 8
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: 6
 60C Underwater Condition: 5
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 6
 68 Deck Geometry: 2
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 7
 62 Culvert: N

Hydraulic Data

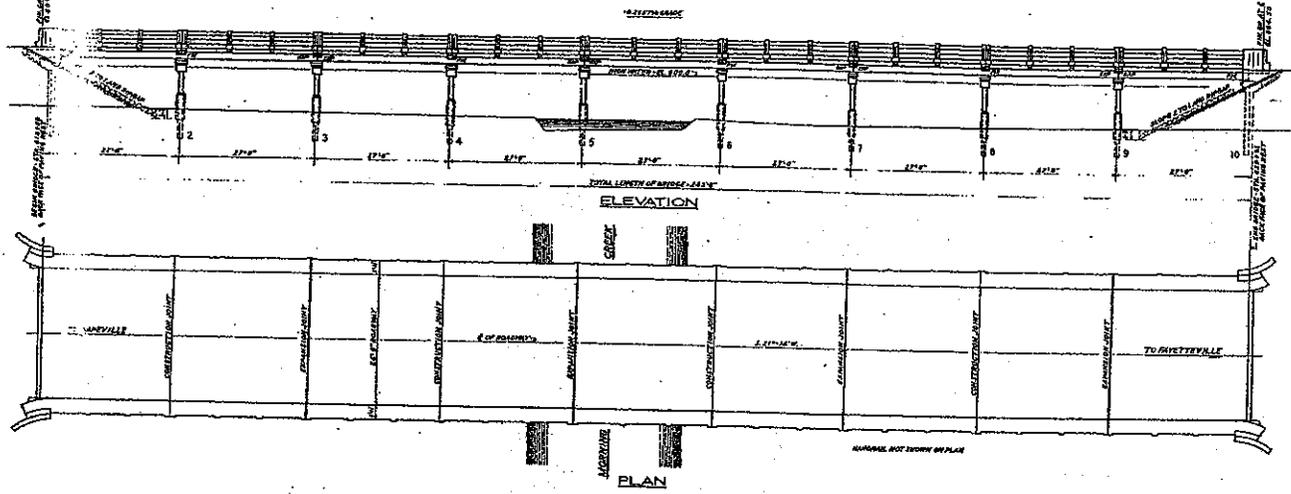
215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 000000
 Area Of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 04.5 Br. Height: 15.6
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwrd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0
 Width: 0.00 Height: 0.00
 Length: 0 Apron: 0
 * 265 U/W Insp. Area: 1 Diver: R/M/C

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: 31
 Piggyback: 00
 253 Notification Date: 02/01/1901
 253 Fed Notify Date: 02/01/1901

* Location ID. No.: 113-00085D-014.22N

DATE	BY	CHK'D	APP'D
8-24-1944	W.H. HARRIS	W.H. HARRIS	W.H. HARRIS



BRIDGE CONSISTS OF

- 3-27" I-BEAM DECKS
- 2-STEEL H-PILE END BENTS
- 8-STEEL H-PILE INTERMEDIATE BENTS (CONT. SPAN BRIDGE)
- CONCRETE HANDRAILS (CONCRETE AS SHOWN BY DETAIL STANDARD NO. 3844)

GEORGIA STANDARD NO. 3848 (WOOD PILES)
 GEORGIA STANDARD NO. 3810

DRAINAGE DATA
 DRAINAGE AREA - 32 SQUARE MILES
 AREA OF OPENING UNDER HIGH WATER - 1300 SQUARE FEET

GENERAL NOTES

SPECIFICATIONS - MICHIGAN STANDARD
 ALL CONCRETE SHALL BE CLASS "A"
 IF END BENTS APPROVED PILES SHALL BE PLACED BEFORE PILING AND DRIVER
 AS TEST PILES HAVE ONE STRIKE, 8" W/IN. OF EACH PILE, TO REMAIN AS A MONUMENT
 EXPLANATION FOR END BENT CAPS AND PILE BRASSINGS TO BE INCLUDED IN SPECIFICATIONS FOR CLASS "A" CONCRETE.
 STANDARD PILING AND BRASSINGS
 SUBSTITUTE 57,000 L.B. FOR 57,000 L.B.
 SHOWN ON GEORGIA STANDARD NO. 3848.

SUMMARY OF QUANTITIES

- 200 CUM. CLASS "A" CONCRETE
- 4500 L.B. BAR REINFORCING STEEL
- 4000 L. IN. FT. CONCRETE MANDREL
- LUMP STRUCTURAL STEEL (65,000')
- 1600 L. IN. FT. STEEL H-PIILING
- 3 EACH TEST PILES
- 2 EACH LOADING TEST (IF REQUIRED)
- 500 SQ. YDS. PLAIN HIRBAP
- 1-.50 ACRES CLEARING AND GRUBBING (LUMP SUM)
- LUMP REMOVAL OF EXISTING BRIDGE
- LUMP REMOVAL OF PARTIALLY FINISHED BRIDGE

DESIGN DATA
 SPECIFICATIONS - A.S.S.H.O. 1941
 TYPICAL H-15 LOADING
 IMPACT ALLOWED

STATE HIGHWAY BOARD OF GEORGIA
 BRIDGE DEPARTMENT

PLAN AND ELEVATION
 BRIDGE OVER MORNING CREEK
 STA. 818+50 TO STA. 820+93
 FAYETTE COUNTY - F-2730(12)

SCALE - 1" = 10'
 NOVEMBER 1944



**Parsons
Brinckerhoff** 3340 Peachtree Road, NE
Suite 2400, Tower Place
Atlanta, GA 30326-1001
404-237-2115
Fax 404-237-3015

Memorandum of Meeting No. 1

Date: August 4, 2003

Date of Meeting: July 23, 2003

Project: BRST-074-2(41) Fayette County
P. I. 333185

Purpose of Meeting: Concept Team meeting for the bridge replacement project in Fayette County on S.R. 85 over Morning Creek approximately 3.5 miles north of Fayetteville.

Meeting Location: District 3, Area 5 Engineers Office located in Griffin

Attendees:

Marc Mastronardi, GDOT District 3, Area 5 Engineer
Cedric Clark, GDOT-Planning
Kim Brown, GDOT Utilities
Harry Busby, Fayette County Water System
Eddie King, Bellsouth Public Requirements
Geoff Donald, PBQD
Brian Dickman, PBQD
Jim Graybeal, PBQD

Distribution: Attendees

Thomas Howell, GDOT District 3 Engineer
Ted Cashin, GDOT Office of Consultant Design
John Durand, PBQD

Discussion:

1. Jim Graybeal provided copies of the Draft Concept Report to several attendees. He began the meeting as follows:



Minutes of Meeting
August 4, 2003
Page 2

- Stated that the meeting was a Concept Team Meeting for Project BRST-074-2 (41), Fayette County, which is a bridge replacement on S.R.85 over Morning Creek.
 - Conducted an introduction of all attendees and the company they represent.
 - Discussed the sign-in sheet with regards to distribution of the meeting minutes for their review, requested email address or phone number
 - Oriented attendees with directions and features shown on the Concept Layout.
 - He described items listed in the Concept Report.
2. Jim indicated:
- 15 feet of additional Right of Way would be needed on each side due to raising the bridge for hydraulic requirements.
 - The southbound bridge would be raised approximately 2 feet before it is widened 17 feet 8 inches to accommodate the detour.
3. Jim discussed the 33.00 sufficiency rating and indicated the northbound bridge would require replacement.
- Alternate 1 was selected as the recommended alternate. This alternate proposes to construct a new northbound bridge at the same location as the existing bridge with a temporary on-site detour.
 - The on-site detour will require widening the southbound bridge and raising the bridge approximately two feet to clear the 100 yr. storm elevation. The northbound traffic would be shifted across the existing median and carried across the widened southbound bridge.
4. Jim then requested comments from the attendees and received the following responses and comments:
- The GDOT representative from the Planning office indicated he would revise the project description to eliminate side walks and update the cost estimate in TPRO after concept approval. He also indicated the project conforms to the STIP.
 - The Bellsouth representative indicated an aerial crossing over Morning Creek at the bridge but did not foresee any problems.
 - The Fayette County Public Utility representative indicated a 10" D.I.P. pipe hanging underneath the southbound bridge would require adjusting during and after the bridge is raised. Also Fayette County has a 20" water line with an aerial crossing on the east side of Morning Creek parallel to the northbound bridge.
 - The District Utility Office representative indicated that Fayette County had not signed the LGPA sent some time ago and stated that a new agreement needed to be sent out.
 - The GDOT Area Engineer stated that the GDOT Office of Materials and Research needs to recommend how to place the two feet of asphalt leveling required to raise



Minutes of Meeting
August 4, 2003
Page 3

S. R. 85 up to grade as the southbound bridge is jacked. Also OMR needs to recommend milling out the leveling material and adding a pavement design mix for S.R.85. Also the Area Engineer recommended utilizing the detour after the northbound bridge is completed and opened to traffic, to replace the approach slabs on the south bound bridge. The Engineer indicated that the cost of \$3.00/CY for earthwork is low and needs to be increased.

- The Environmental representative indicated the project contains wetlands on both the upstream and downstream sides to the bridges over Morning Creek.

The foregoing is my understanding of the topics discussed. Thanks

Sincerely,

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.

Jim Graybeal
Supervising Engineer

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-074-2(41) FAYETTE COUNTY

P.I. No. 333185

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.

The date of Location Approval is: DECEMBER 9, 2003

This project consists of improvements of S.R. 85 over Morning Creek, located in Fayette County, in GMD 1248. The improvement project includes replacing the existing north bound bridge over Morning Creek, raising and widening the existing south bound bridge over Morning Creek and providing an "on-site" detour in the median and on the widened south bound bridge in order to maintain traffic during construction.

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

Marc Mastronardi

Marc.Mastronardi@DOT.STATE.GA.US

1001 Highway 19 South

Griffin, Ga. 30223

Tel. No. 770-228-7205

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:

Brent A. Story

Georgia Department of Transportation

Brent.Story@DOT.STATE.GA.US

No. 2 Capitol Square

Atlanta, Georgia 30334

Tel. No. 404-463-6133

Any written request 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.

FLEXIBLE PAVEMENT DESIGN ANALYSIS

Project: BRST-074-2(41)

County: Fayette

P.I. no.: 333185

Description: SR 85 NB bridge replacement & SB bridge jacking over Morning Crk

Traffic Data (NOTE: AADTs are one-way)

24-hour Truck Percentage: 6.00%

AADT initial year of design period: 20,700 vpd (2007)

AADT final year of design period: 27,900 vpd (2027)

Mean AADT (one-way): 24,300 vpd

Design Loading

Mean AADT	LDL	Trucks	18-K ESAL	Total Daily Loads
24,300	* 0.80	* 0.060	* 1.17	= 1,366

Total predicted design period loading = $1366 * 20 * 365 = 9,971,800$

Design Data

Terminal Serviceability Index: 2.50

Soil Support: 2.50

Regional Factor: 1.60

PROPOSED FLEXIBLE PAVEMENT STRUCTURE

Material	Thickness		Structural Coefficient	Structural Value
	mm	(in.)		
12.5 mm Superpave	40	(1.57)	0.0173	0.69
19 mm Superpave	50	(1.97)	0.0173	0.86
25 mm Superpave	24	(0.94)	0.0173	0.42
	176	(6.93)	0.0118	2.08
Graded Aggregate Base	300	(11.81)	0.0063	1.89

Required SN = 6.23

Proposed SN = 5.94

>>> Proposed pavement is 4.6% Underdesign <<<

Remarks: Preliminary full depth pavement

Prepared by Bill Ferguson, Lead Engineer

March 19, 2003

Date

Recommended

State Materials & Research Engineer

Date

Approved

District Engineer

Date

NEED AND PURPOSE
PROJECT BRST-074-2 (41), FAYETTE COUNTY
PI No. 333185
BRIDGE REPLACEMENT

Project BRST-074-2 (41) consists of the replacement of the bridge on SR 85 NBL over Morning Creek 3.5 miles north of Fayetteville in Fayette County. This route serves commuter traffic traveling north to Riverdale in Clayton County. SR 85 is classified as an Urban Principal Arterial and is designated school bus route, but not a designated bike route.

This bridge was constructed in 1947 and consists of concrete bents, steel beam superstructure, and a concrete deck. The original design load capacity is H-15. The sufficiency rating on the structure is 33.00, and the bridge is classified as Functionally Obsolete and requires widening. The sufficiency rating is a number from 0 to 100 and is a method of evaluating structural adequacy and safety, serviceability, and functional obsolescence. The Office of Bridge Maintenance has determined that any structure with a sufficiency rating less than 50 should be replaced rather than improved.

Existing 2002 traffic volumes along this section of roadway are approximately 31,600 vehicles per day (VPD). Future volumes are expected to be approximately 34,500 VPD in 2007; and 46,500 VPD in 2027 with 6 % trucks.

Replacing this bridge will bring it up to current AASHTO geometric design standards and in doing so will improve the operation and safety of this roadway.

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-074-2(41) Fayette
P.I. No. 333185

OFFICE Environment/ Location

DATE June 21, 2002

FROM Harvey D. Keeper, State Environmental/ Location Engineer

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

SUBJECT SR 85 NBL @ Morning Creek

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

Existing 2002 ADT = 31600
2007 ADT = 34500
2027 ADT = 46500
K = 8%
D = 60%
T = 4%
24 HR T = 6%
S.U. = 4%
COMB. = 2%

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

HDK:TJW

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

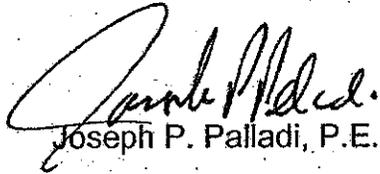
INTERDEPARTMENTAL CORRESPONDENCE

File

OFFICE Planning

DATE June 23, 2003

FROM



Joseph P. Palladi, P.E., State Transportation Planning Administrator

TO

Brent Story, P.E., State Consultant Design Engineer
Attn. Ted Cashin

SUBJECT

**PROJECT CONCEPT CONFORMITY for Fayette County, PI # 333185, ARC # FA-333,
Bridge Replacement**

The Office of Planning is providing this letter of certification as defined in the Plan Development Process Manual of Guidance. The proposed project is in conformance with the State Transportation Improvement Program and, due to its scope of work, is exempt from being in compliance with the adopted Air Quality Model of the Atlanta Regional Transportation Plan.

By copy of this letter, the project concept is found to conform to the Atlanta Regional Transportation Plan based on the June 19, 2003, review. If any changes occur to the proposed concept, please notify this office immediately. If you have any questions, please call Cedric Clark at 404-657-6912.

JPP:cdc

cc: Tom Turner

P. I. NUMBER : 333185-

FAYETTE CO.

SCHED. LEFT: FY-05

DESCRIPTION : SR 85 NBL @ MORNING CREEK 3.5 MI N OF FAYETTEVILLE
PROJECT NO. : BRST-074-2(41) LOC TAX: N
P. E. PROJECT: BRST-074-2(41) EXEMPT: Y
PROJ. LENGTH: .24 MI. CONCEPT:

FUND: ON SYSTEM BRIDGE
ASST. HD: MBA
SQUAD LDR: T. CASHIN

BIKE:
METRIC:
CONSULTANT: C
P. E. DATE: 1/23/02

ACTIVITY	SCHED START	SCHED FINISH	ACTUAL START	ACT/EST FINISH	PCT	PE DATE	PE EST	RW DATE	RW EST	CST DATE	CST EST	TII DATA	PROGRAM DATA
CONCEPT PHOTOS			NO RPT		N/R	0201	\$26,000	2004	\$10,000	2005	\$1,144,000		
DRAFT CONCEPT/RPT			NO RPT		0%								
CONCEPT MTG													
SUB RPT ENG SER													
RECV ENG SER APP													
MGMT APP RPT			NO RPT		0%								
ENVIRONMENTAL													
HOLD HEARING													
MAPPING													
PHOTO X-SECT													
FIELD SURVEYS													
FINAL ALT. APP													
I & D APPROVAL													
HOLD PPRR													
PREL RD/RW PLANS			NO RPT		0%								
APPROVE R/W PLANS													
404 PERMIT													
PREL BRIDGE/HYD													
BRIDGE PLANS													
RECV SOIL SURV													
U.S.T.'S													
HOLD FFRP													
FINAL CST. PLANS			NO RPT		0%								
=====													
>PDD : APRIL BOARD ADDITION: ASSIGNED CONSULTANT TASK FORCE 4/30/99													
>DZN : MAINT PRIORITY 2-05; WILL START UPON P. E. AUTHORIZATION													
>PLAN: *HOLD*													
=====													
>DIST:													
>TFS : CAR BR PRCT SEM PLANS N/R 030601													
>BR : 2-05T													
>UT :													
>RR :													
>LGDA: FAYETTE REF UTILITIES 8-4-99.													
=====													
> PRIORITY NUMBER: 784 PLANNER: AIELLO													
NEPA: 07-12-2002: OOD TO HIRE CONSULTANT													
HIST:													
ARCH:													
ECOL:													
PERMIT: NEED IMPACTS TO DETERMINE													
DES :													
=====													
>LOC : BRIDGE													
>ETS : MM DA TW AIELLO - CONSULT TASK FORCE													
>404 : NEED IMPACTS TO DETERMINE													
>UST :													
>PITS:													
>R/W :													
=====													
SPECIALIST:													
=====													

TO SCHEDULE AFTER RECEIPT OF WORK ORDER
SCHEDULE PER SSE.

DISTRICT NOTES



3340 PEACHTREE RD. NE
 SUITE 2400, TOWER PLACE
 ATLANTA, GA 30326-1001
 PHONE: (404) 237-2115
 FAX: (404) 237-3015

ROUTE 85 @
Spring Creek
 PROJECT NO. 2001.1
 DATE: 06/16/2003

LEGEND:
 EXISTING ROAD PAVEMENT
 PROPOSED ROAD PAVEMENT
 PROPOSED EASEMENT
 EXISTING EASEMENT
 PROPOSED EASEMENT

0 100 FEET

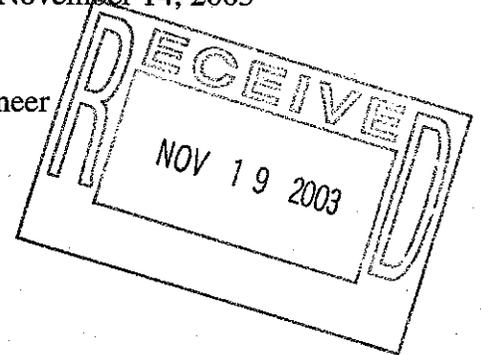
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BRST-074-2(41) Fayette County
P.I. No. 333185

Office: Traffic Safety & Design
Atlanta, Georgia
Date: November 14, 2003

From: *PMA/KG* 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 85 over Morning Creek in Fayette 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 Keepler, Environment/Location Engineer
Brent Story, State Consultant Design Engineer
Attention: Ted Cashin
Thomas Howell, District Engineer – Thomaston
Attention: David Millen, District Preconstruction Engineer
David Mulling, Engineer Services, w/ attachment
Joe Palladi, State Transportation Planning Administrator
Paul Liles, State Bridge & Structural Design Engineer
Kathy Bailey, TMC
General Files
Office Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-074-2 (41)
County: Fayette
P. I. Number: 333185

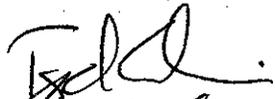
Federal Route Number: N/A
State Route Number: 85

DESCRIPTION: S.R. 85 NB bridge replacement over Morning Creek

Recommendation for approval:

DATE 9-27-03

DATE 9-29-03



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 Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____

DATE _____

DATE _____

DATE 11-17-03

DATE _____

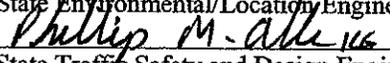
DATE _____

DATE _____

State Transportation Planning Administrator

Office of Financial Management Administrator

State Environmental/Location Engineer



State Traffic Safety and Design Engineer

District 3 Engineer, Thomaston

Project Review Engineer

State Bridge and Structural Design Engineer

Page 1

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-074-2 (41)
County: Fayette
P. I. Number: 333185

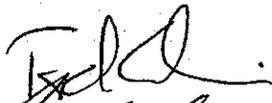
Federal Route Number: N/A
State Route Number: 85

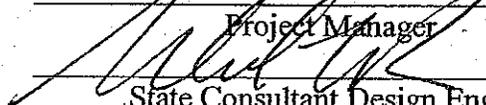
DESCRIPTION: S.R. 85 NB bridge replacement over Morning Creek

Recommendation for approval:

DATE 9-27-03

DATE 9-29-03



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 Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

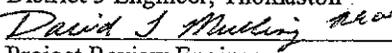
DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer, Thomaston

DATE 11-13-03



Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-074-2 (41)

County: Fayette

P. I. Number: 333185

Federal Route Number: N/A

State Route Number: 85

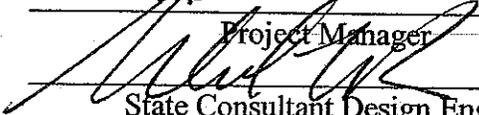
DESCRIPTION: S.R. 85 NB bridge replacement over Morning Creek

Recommendation for approval:

DATE 9-27-03

DATE 9-29-03



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 Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____

DATE _____

DATE _____

DATE _____

DATE _____

DATE _____

DATE 12/8/03

State Transportation Planning Administrator

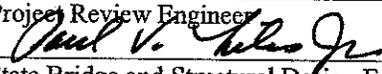
Office of Financial Management Administrator

State Environmental/Location Engineer

State Traffic Safety and Design Engineer

District 3 Engineer, Thomaston

Project Review Engineer



State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

PROJECT CONCEPT REPORT

Project Number: BRST-074-2 (41)
County: Fayette
P. I. Number: 333185

Federal Route Number: N/A
State Route Number: 85

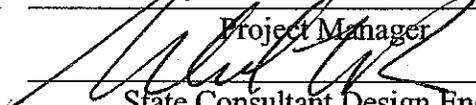
DESCRIPTION: S.R. 85 NB bridge replacement over Morning Creek

Recommendation for approval:

DATE 9-29-03

DATE 9-29-03



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 Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE _____

DATE _____

DATE 11-21-03

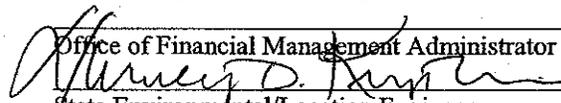
DATE _____

DATE _____

DATE _____

DATE _____

State Transportation Planning Administrator



Office of Financial Management Administrator
State Environmental/Location Engineer

State Traffic Safety and Design Engineer

District 3 Engineer, Thomaston

Project Review Engineer

State Bridge and Structural Design Engineer