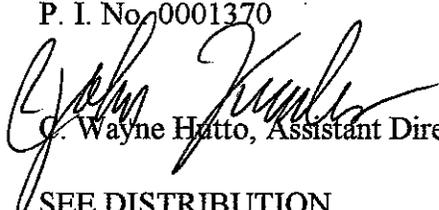


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(370) Lincoln County **OFFICE** Preconstruction
P. I. No. 0001370
DATE January 30, 2002

FROM  C. Wayne Hatto, 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

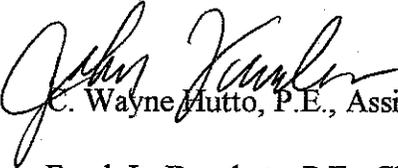
DISTRIBUTION:

Tom Turner
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 BR-0001-00(370) Lincoln County **OFFICE** Preconstruction
P.I. No. 0001370
DATE January 16, 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 a structurally deficient bridge on SR 43/US 378 over Savannah River at the Georgia/South Carolina state line. The existing bridge, constructed in 1952, is load limited with a sufficiency rating of 43. State Route 43 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. This section of SR 43 is functionally classified as a rural minor arterial. Traffic is projected to be 3,700 VPD and 5,400 VPD in the years 2008 and 2028 respectively, with 13% trucks. The posted speed and the design speed are 55 MPH.

The construction proposes to relocate SR 43/US 378 south of its present location, extending a total of 0.60 mile. The proposed new bridge will be 1,566' x 44' and will be located just south of the existing bridge structure. The relocated SR 43/US 378 will consist of two, 12' lanes with 10' rural shoulders (2' paved). 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; 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)	\$10,310,000	\$4,800,000	2006	FY-06
Right-of-Way	\$ 10,000	\$ 50,000		
Utilities*	LGPA	LGPA		

*Lincoln County signed LGPA for utilities 12-14-00.

Frank L. Danchetz

Page 2

BR-0001-00(370) Lincoln

January 16, 2002

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

CWH:JDQ/cj

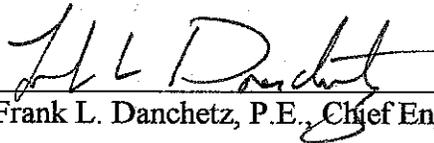
Attachment

CONCUR



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

APPROVE



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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BR-0001-00(370) Lincoln
P.I. Number 0001370

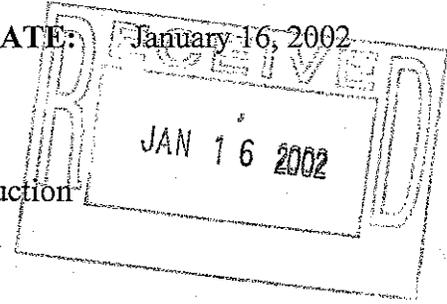
OFFICE: Engineering Services

DATE: January 16, 2002

FROM: David Mulling, *DM* Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT



We have reviewed the concept report submitted January 9, 2002 by the letter from George M. Brewer dated January 7, 2002, and have the following comment:

1. The estimated cost of proposed right of way was not provided.

The costs for the project are:

Construction	\$7,811,000
Inflation	\$1,562,000
E&C	\$ 937,000
Reimbursable Utilities	\$ 0
Right of Way	\$?

DTM

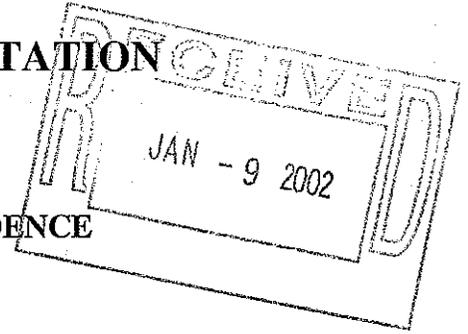
c: George Brewer – District 2 Design

SCORING RESULTS AS PER MOG 2440-2

Project Number: BR-0001-00(370)		County: LINCOLN		PI No.: 0001370	
Report Date: 1/7/02		Concept By: DOT Office: DISTRICT 2			
<input checked="" type="checkbox"/> CONCEPT		Consultant:			
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 <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	90%	No estimated cost provided for proposed right of way.			
Judgement	100%				
Environmental	100%				
Right of Way	100%				
Utility	100%				
Constructability	100%				
Schedule	100%				

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE



FILE BR-0001-00(370) Lincoln County
P.I. No. 0001370

OFFICE Tennille

DATE January 7, 2002

FROM *GMB*
George M. Brewer, District Design Engineer

TO Wayne Hutto, P.E., Assistant Director of Preconstruction

SUBJECT **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).

If any further assistance is needed, please contact George M. Brewer at (478) 552-4642.

GMB

cc: David Mulling
Harvey Keeper
Marion Waters
Marta Rosen
Herman Griffin

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT**

District Two Design Office

Project Number: *BR-0001-00(370)*

County: *Lincoln*

P. I. Number: *0001370*

Federal Route Number: *378*

State Route Number: *43*

Recommendation for approval:

DATE *8/21/01*

[Signature]
Project Manager

DATE *8-21-01*

[Signature] X
Office Head/District 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 Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer X

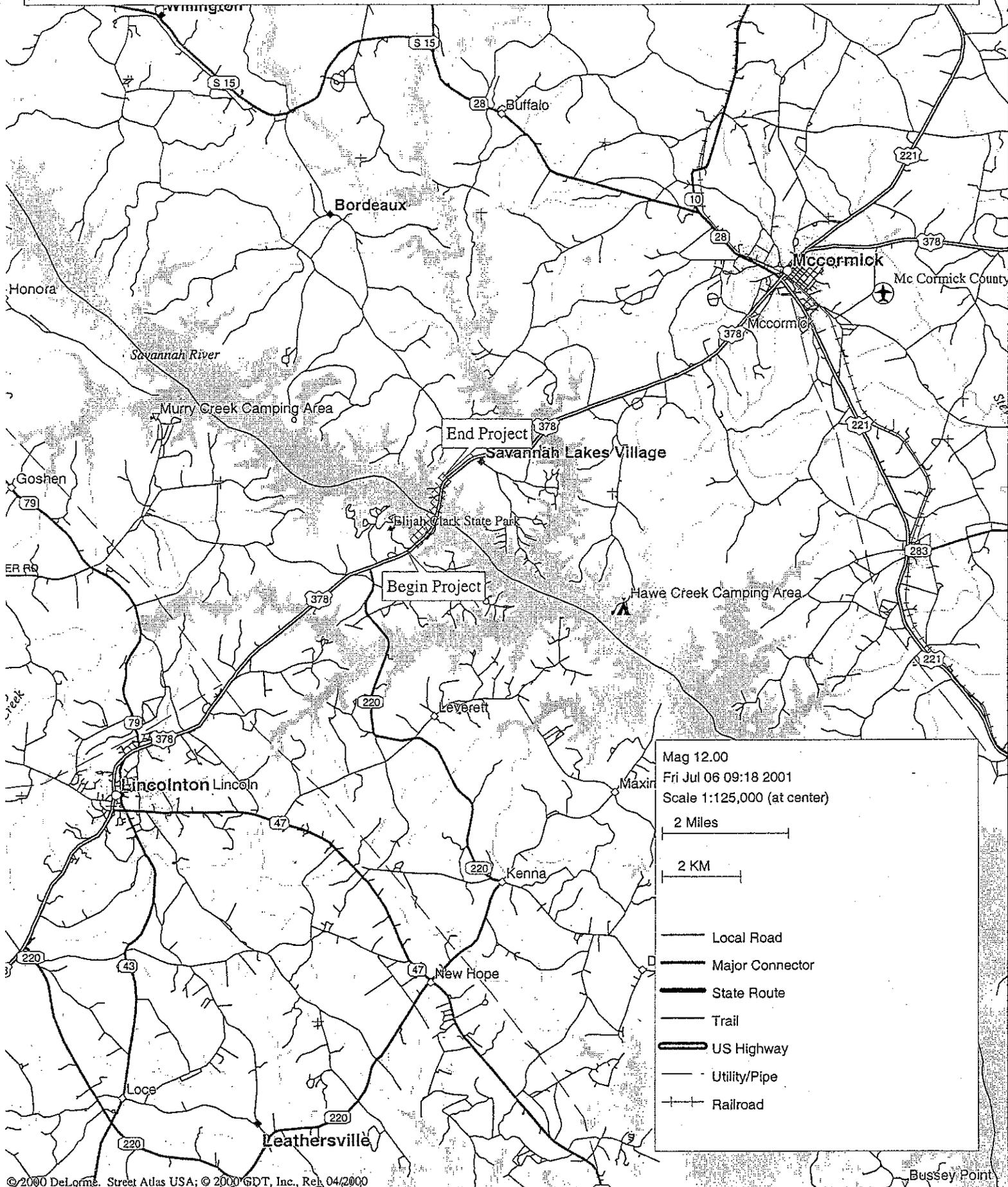
DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

BR-0001-00(370) Lincoln



Project Concept Report page 3
Project Number: BR-0001-00(370)
P. I. Number: 0001370
County: Lincoln

Need and Purpose: *See attached sheets.*

Description of the proposed project: *OVER THE SAVANNAH RIVER*
This project consists of the replacement of the structurally deficient bridge on SR 43 in Lincoln County. The proposed bridge will be built on new alignment 55' to the south of the existing alignment. Traffic will be maintained on the existing bridge during construction.

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

PDP Classification:

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

Functional Classification: *Rural Minor Arterial*

U. S. Route Number(s): 378

State Route Number(s): 43

Traffic (AADT):

Current Year: 3700 (2008)

Design Year: 5400 (2028)

Existing design features:

- Typical Section: *2-12' lanes in each direction with 5' rural shoulders*
- Posted speed: *55 mph* Maximum degree of curvature: *4°*
- Maximum grade: *4.5% mainline, 4% cross roads, and 10% driveways*
- Width of right of way: *Varies 100 ft. to 400 ft.*
- Major structures: *1,566' x 27.1' plate girder bridge over the Savannah River*
Sufficiency Rating: 43.4
- Major interchanges or intersections along the project: *None*
- Existing length of roadway: *0.6 miles*

Proposed Design Features:

- Proposed typical section(s): *2-12' lanes with 10' shoulders*
- Proposed Design Speed Mainline: *55 mph*
- Proposed Maximum grade Mainline: *4.5%*
- Maximum grade allowable Mainline: *4.5%*
- Proposed Maximum grade Side Street: *5%*
- Maximum grade allowable on Side Streets: *5%*
- Proposed Maximum grade driveway: *15%*
- Proposed Maximum degree of curve: *4°*
- Maximum degree allowable: *6°*
- Right of way
 - Width: *Varies 100 ft. to 400 ft.*
 - Easements: Temporary (), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: *1 ** Number of displacements: *0*
 - Business: _____
 - Residences: _____
 - Mobile homes: _____
 - Other: _____

** The Corps of Engineers will be the property owner for all required right-of-way. A cost of \$10,000 should be included for appraisals and administrative costs.*

- Structures:
 - Bridges: *1,566' x 44' bridge over the Savannah River*
 - Retaining walls: *None*
- Major intersections and interchanges: *None*
- Traffic control during construction: *All construction will be done under traffic.*
- 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: *The existing bridge may be considered historic.*

FLOODPLAIN AND WETLANDS ASSOCIATED W/ SAVANNAH RIVER.

Project Concept Report page 5
Project Number: BR-0001-00(370)
P. I. Number: 0001370
County: Lincoln

- Level of environmental analysis: *ANTICIPATED*:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements:
 - Telephone – *Wilkes Telephone Company and West Carolina Rural Telephone have buried telecommunication facilities located within the existing right of way which will not be eligible for reimbursement.*
 - *No other facilities are located within the project limits.*

Project responsibilities:

- Design: *District Two Preconstruction*
- Right of Way Acquisition: *District Two Preconstruction*
- Relocation of Utilities: *District Two Utilities*
- Letting to contract: *DOT Contracts Administration*
- Supervision of construction: *Augusta DOT Area Office*
- Providing material pits: *Contractor*
- Providing detours: *None Required*

Coordination

- Concept meeting date: *8/20/01*
- P. A. R. meetings: *None Required*
- FEMA, USCG, and/or TVA: *None Required*
- Public involvement: *None*
- Local government comments: *Lincoln County has agreed to fund all reimbursable utility relocations.*
- Other projects in the area: *BRST-076-1(36), STP-00MS(165)*
- *Since the project extends into South Carolina, a bi-state agreement will be required.*

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: *9 months.*
- Time to complete preliminary construction plans: *9 months.*
- Time to complete right of way plans: *3 months.*
- Time to complete the Section 404 Permit: *12 months.*
- Time to complete final construction plans: *9 months.*
- Time to complete to purchase right of way: *12 months.*

Project Concept Report page 6
Project Number: BR-0001-00(370)
P. I. Number: 0001370
County: Lincoln

Other alternates considered:

1. *Construct the new bridge on the existing alignment and use traffic signals to stage traffic and keep one lane open at all times. (This alternate was not chosen due to the relatively high volume of traffic on this route.)*

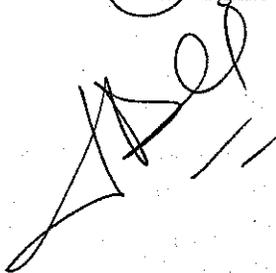
Comments: *The District recommends approval.*

Attachments:

1. Need & Purpose,
2. Traffic Data,
3. LGPA
4. Cost Estimates:
 - a. Construction including E&C,
 - b. Utilities.
5. Typical sections,
6. Pavement Design,
7. Minutes of Concept meeting,
8. Location and Design Notice

Concur: _____
Director of Preconstruction

Approve: _____
Chief Engineer



Need and Purpose
Project BR-0001-00(370) Lincoln County
PI No. 0001370
Bridge Replacement

Project Number BR-0001-00(370) will replace the structurally deficient bridge located on State Road 43 over Savannah River.

The Savannah bridge sufficiency rating is 43.5. 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 43 is functionally classified as a minor arterial roadway. The posted speed limit along SR 43 is 55 mph at Savannah River Bridge. The section of roadway where the proposed bridge projects improvements would take place, is not school bus route. SR 43 is not part of the Statewide Bicycle Plan. The Savannah River Bridge is located 6.8 miles east of Lincolnton and was constructed 1938 and reconstructed in 1952. Sidewalks are not proposed for this bridge. The projected Average Daily Traffic (ADT) along this section of roadway for 2008 is 3700 with 13% percent trucks. The projected (2028) ADT for this section of roadway is 5,400. Currently, there is no other roadway improvement projects on State Road 43 in GDOT's CWP in this vicinity.

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

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(307) Lincoln OFFICE Environment/ Location
P. I. No. 0001370
DATE June 29, 2001

FROM Harvey D. Keeper, State Environmental/ Location Engineer

TO Mike Thomas, P.E., District Engineer, Tennille
Attn: George Brewer

SUBJECT SR 43/US 378 @ Savannah River

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

2000 ADT = 2900
2008 ADT = 3700
2028 ADT = 5400
K = 9%
D = 60%
T = 13%
24 HR T = 15%
SU = 7%
COMB = 8%

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



Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

November 17, 2000

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

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

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

BILLY F. SHARP
TREASURER
(404) 656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, LINCOLN County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0001-00(370) LINCOLN CO., PI # 0001370:

BRIDGES

SR 43/US 378 @ SAVANNAH RIVER 6.8 MI E OF LINCOLNTON @ S.C.

Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

Furnish detours, local borrow & waste pits as needed.

We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

This 14th day of December, 2000

APPROVED [Signature]

City/County Official

ITEM	DESCRIPTION	UNITS	WT. AVG.	QUANTITY	COST
***** ROADWAY *****					
150-1000	TRAFFIC CONTROL	LS	25000	LUMP	\$25000.00
208-0200	ROCK EMBANKMENT	TN	85	4000	\$340000.00
210-0100	GRADING COMPLETE	LS	200000	LUMP	\$200000.00
318-3000	AGGR SURF CRS	TN	20	110	\$2200.00
402-3112	RECYCLED ASPH CONC 19 MM, GP 1 OR 2, INCL BITUM MATL & H LIM	TN	40	700	\$28000.00
402-0120	RECYCLED ASPH CONC 25 MM, GP 1 OR 2, INCL BITUM MATL & H LIM	TN	40	1450	\$58000.00
402-3131	RECYCLED ASPH CONC 9.5 MM, GP 2 ONLY, INCL BITUM MATL & H LI	TN	40	530	\$21200.00
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	40	200	\$8000.00
413-1000	BITUM TACK COAT	GL	1	500	\$500.00
433-1000	REINF CONC APPROACH SLAB	SY	105	310	\$32550.00
436-1000	ASPHALTIC CONC CURB	LF	5	2000	\$10000.00
441-0301	CONC SPILLWAY, TP 1	EA	1200	4	\$4800.00
576-1015	SLOPE DRAIN PIPE, 15 IN	LF	28	200	\$5600.00
577-1100	METAL DRAIN INLET - COMPLETE ASSEMBLY	EA	760	4	\$3040.00
641-1100	GUARDRAIL, TP T	LF	50	84	\$4200.00
641-1200	GUARDRAIL, TP W	LF	13	2000	\$26000.00
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	500	2	\$1000.00
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	1500	2	\$3000.00
Section SUB TOTAL					
					\$773090.00
***** EROSION CONTROL *****					
700-6900	PERMANENT GRASSING	LB	52	768	\$39936.00
700-7000	AGRICULTURAL LIME	TN	75	32	\$2400.00
700-8000	FERTILIZER MIXED GRADE	TN	260	10	\$2600.00
700-8100	FERTILIZER NITROGEN CONTENT	LB	3	522	\$1566.00
Section SUB TOTAL					
					\$46502.00
***** TEMPORARY EROSION CONTROL *****					
163-0230	TEMPORARY GRASSING	LB	41	157	\$6437.00
163-0235	TEMPORARY MULCH	TN	500	8	\$4000.00
163-0300	CONSTRUCTION EXIT	EA	1500	2	\$3000.00
163-0520	CONSTR & REMOVE TEMPORARY PIPE SLOPE DRAIN	LF	9	1640	\$14760.00
163-0530	CONSTR & REMOVE BALED STRAW EROSION CHECK	LF	2.5	1640	\$4100.00
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	1	1640	\$1640.00
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	2.5	820	\$2050.00
165-0070	MAINTENANCE OF BALED STRAW EROSION CHECK	LF	1.5	820	\$1230.00
167-0100	WATER QUALITY MONITORING SYSTEM	MO	3500	12	\$42000.00
167-0200	WATER QUALITY SAMPLING	EA	200	24	\$4800.00
171-0010	CONSTR & REMOVE TEMPORARY SILT FENCE, TP A	LF	2.5	3280	\$8200.00
171-0030	CONSTR & REMOVE TEMPORARY SILT FENCE, TP C	LF	4.5	1640	\$7380.00
716-2000	EROSION CONTROL MATS	SY	2	240	\$480.00
Section SUB TOTAL					
					\$100077.00
543-1001	CONSTRUCTION OF BRIDGE NO. 1 - COMPLETE (\$100/SF X 68904 SF)	LS	6890400	LUMP	\$6890400.00
***** TRAFFIC SIGNS *****					
610-6515	REM HIGHWAY SIGN, STD	EA	60	2	\$120.00
611-5551	RESET SIGN	EA	90	2	\$180.00
636-0500	WOOD SIGN POSTS	LF	20	33	\$660.00
636-1014	HIGHWAY SIGNS, TP 1 MATL - REFL SHEETING, TP 1	SF	12	12	\$144.00

654-1001 RAISED PVMT MARKERS TP 1

100-0001 INFLATION & E&C *****
100-0002 INFLATION (5% PER YR FOR 4 YRS.)
E&C (10%)

EA	4	20	\$80.00
		Section SUB TOTAL	\$1184.00
LS	1683000	LUMP	\$1683000.00
LS	950000	LUMP	\$950000.00
		Section SUB TOTAL	\$2633000.00
		Total Project Cost	\$10444253.00

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(370) - Lincoln County **OFFICE:** Tennille Utilities
PI No. - 0001370 **DATE:** July 16, 2001

FROM ^{JFH DAS} James F. Hobby, Jr., District Utilities Engineer

TO David Griffith, District Preconstruction Engineer
Attention: George Brewer

SUBJECT UTILITY COST ESTIMATE

A Utility Cost Estimate has been completed on the above referenced project. The estimate was done by Alan Smith of this office and is based on concept drawings provided by your office, dated July 10, 2001 and an on-site inspection performed on July 13, 2001. The following people provided information for this estimate: James Lance - Wilkes Telephone Company.

TELEPHONE

Wilkes Telephone Company and West Carolina rural Telephone have buried telecommunication facilities located within the project limits and all appear to be located on the existing Right of Way. This will not be eligible for reimbursement. Both companies have a joint bore underneath the lake that is located off of the existing Right of Way. This is located on the opposite side of the roadway from the realignment and does not appear to be in conflict at this time.

ESTIMATED UTILITY COSTS: **\$0,000.00**

All of the above information is an estimate and may be revised when project plans are developed and prior rights research has been performed. If you should have questions, please contact Alan Smith in the Utilities Section of this office at 478-552-4637.

JFH:DAS

cc: Jeff Baker / Scott Greene via e-mail
Herman Griffin
David Griffith
Debbie Pennington

FLEXIBLE PAVEMENT DESIGN ANALYSIS

Project: BR-0001-00(307)

County: Lincoln

P.I. no.: 0001370

Description: Bridge Replacement on SR 43/US 378 @ the Savannah River

Traffic Data (NOTE: AADTs are one-way)

24-hour Truck Percentage: 15.00%

AADT initial year of design period: 1,850 vpd (2008)

AADT final year of design period: 2,700 vpd (2028)

Mean AADT (one-way): 2,275 vpd

Design Loading

Mean AADT	LDL	Trucks	18-K ESAL	Total Daily Loads
2,275 *	1.00 *	0.150 *	0.95	= 325

Total predicted design period loading = $325 * 20 * 365 = 2,372,500$

Design Data

Terminal Serviceability Index: 2.50

Soil Support: 3.00

Regional Factor: 1.60

PROPOSED FLEXIBLE PAVEMENT STRUCTURE

Material	Thickness mm	(in.)	Structural Coefficient	Structural Value
9.5 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
	76	(2.99)	0.0118	0.90
Graded Aggregate Base	200	(7.87)	0.0063	1.26

Required SN = 4.84

Proposed SN = 4.13

>>> Proposed pavement is 14.7% Underdesign <<<

Remarks:

Prepared by George Brewer, District Design Engineer August 3, 2001
Date

Recommended State Materials & Research Engineer Date

Approved District Engineer Date

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(370) Lincoln County OFFICE Tennille
P.I. No. 0001370 DATE August 21, 2001

FROM George M. Brewer, District Design Engineer

TO Files

SUBJECT **CONCEPT TEAM MEETING MINUTES**

A Concept Team Meeting was held August 20, 2000 on the above-mentioned project. The following were in attendance:

George Brewer, District Design Engineer
Christa McKinney, District Design Squad Leader
Gus Cooper, Area Engineer
Jimmy Smith, District Traffic Operations Manager
Debbie Pennington, District Planning & Programming Engineer
Phillip Scarborough, District Environmentalist
Alan Smith, Assistant District Utilities Engineer
Randy Cannon, SCDOT – Bridge Design Engineer
Karl Hoffman, SCDOT – Assistant Bridge Construction Engineer
Larry Rodgers, Assistant Construction Area Engineer

The Concept Team had the following comments:

1. Alan Smith said that coordination may be required with DNR concerning a boat ramp at this location.
2. Phillip Scarborough stated that a 404 permit will be required.
3. The representatives from SCDOT stated that an agreement would be required between Georgia and South Carolina detailing how the project would be funded.
4. The representatives from SCDOT also asked for copies of the preliminary plans when they are available.
5. Rusty Merritt stated that lighting may be required under the bridge to accommodate the boat traffic from the state park on the Georgia side and the resort on the South Carolina side.

6. There are no known maintenance problems at the site.
7. Temporary guardrail may be required on the south side to facilitate the staging.

If any further assistance is needed, please contact George Brewer at (478)552-4642.

GMB

NOTICE OF LOCATION AND DESIGN APPROVAL

BR-0001-00(370) LINCOLN COUNTY
P. I. NUMBER 0001370

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 was JANUARY 30, 2002
Date of Approval

This project proposes to replace the structurally deficient bridge on SR 43/US 378 over the Savannah River between Lincolnton, GA. and McCormick, SC.

Drawings of the proposed project are on file and are available for inspection at the Georgia Department of Transportation.

Jack D. Cooper, Jr.
jack.ccooper@dot.state.ga.us
4260 Frontage Road
Augusta, GA 30909

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:

DAVID O. GRIFFITH
PRECONSTRUCTION ENGINEER
P.O. BOX 8
TENNILLE, GA 31089
(912)552-4629

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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT**

District Two Design Office

Project Number: BR-0001-00(370)

County: Lincoln

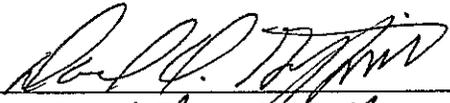
P. I. Number: 0001370

Federal Route Number: 378

State Route Number: 43

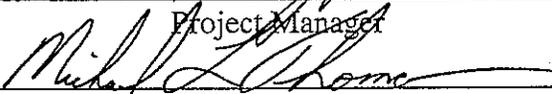
Recommendation for approval:

DATE 8/21/01



Project Manager

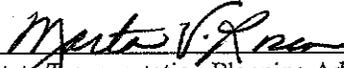
DATE 8-21-01



Office Head/District 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 1-9-02



State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT

District Two Design Office

Project Number: BR-0001-00(370)

County: Lincoln

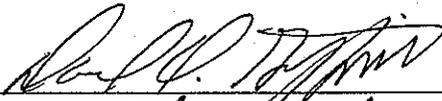
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State Route Number: 43

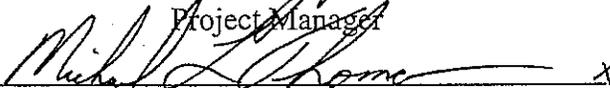
Recommendation for approval:

DATE 8/21/01



Project Manager

DATE 8-21-01



Office Head/District Engineer

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DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

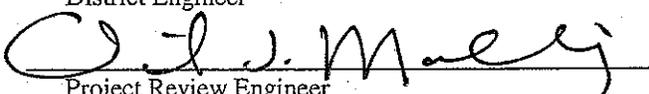
DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE 1/16/02



Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT

District Two Design Office

Project Number: BR-0001-00(370)

County: Lincoln

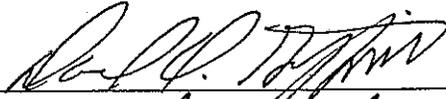
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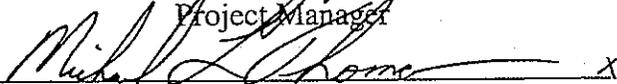
State Route Number: 43

Recommendation for approval:

DATE 8/21/01


Project Manager

DATE 8-21-01

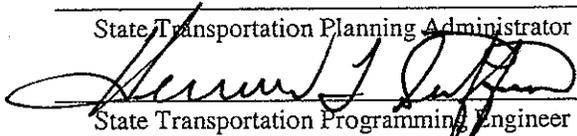

Office Head/District Engineer

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 1-10-02


State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0001370

OFFICE: Environment/Location

DATE: January 28, 2002

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

TO: ~~Wayne Hutto, P.E., Assistant Director of Preconstruction~~

**SUBJECT: PROJECT CONCEPT REPORT
BR-0001-00(370), LINCOLN COUNTY**

The above subject concept report has been reviewed. Page 3 – Project Description – SR 43 bridge over what? Neither description nor map show? Page 5 – Should Read Level of Environmental Analysis is anticipated. Page 4 – Environmental concerns – Should include floodplain and wetlands associated with the Savannah River. The bridge is eligible for NR per the GHBS, but has no preservation potential. This will require a Section 9 and Section 10 permit from the COE.

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

HDK/rtt

Attachment

cc: David Mulling
George Brewer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT**

District Two Design Office

Project Number: BR-0001-00(370)

County: Lincoln

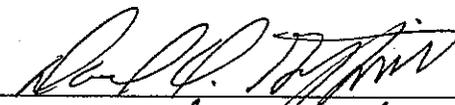
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State Route Number: 43

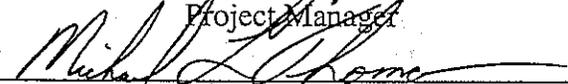
Recommendation for approval:

DATE 8/21/01



Project Manager

DATE 8-21-01



Office Head/District Engineer

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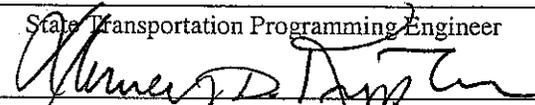
DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE 1/18/02



State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

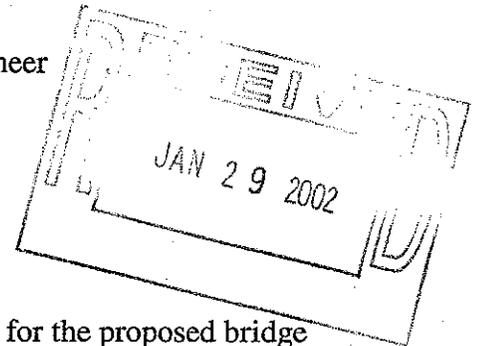
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: BR-0001-00(370), Lincoln County
P.I. No. 0001370

Office: Traffic Safety & Design
Atlanta, Georgia
Date: January 23, 2002

From: ^{PMA/sz} Phillip M. Allen, State Traffic Safety and Design Engineer
To: Wayne Hutto, Assistant Director of Preconstruction
Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed bridge replacement along State Route 43 Over the Savannah River in Lincoln 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, State Environment/Location Engineer
Mike Thomas, District Engineer
Attention: George Brewer, District Design Engineer
David Mulling, State Review Engineer, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Paul Liles, State Bridge & Structural Design Engineer
Chuck Hasty, TMC
General Files
Office Files

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT**

District Two Design Office

Project Number: BR-0001-00(370)

County: Lincoln

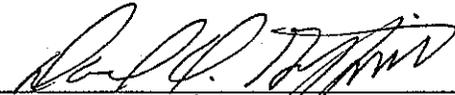
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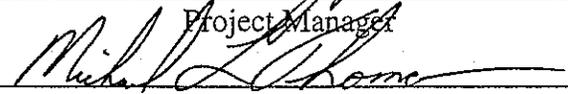
Recommendation for approval:

DATE 8/21/01



Project Manager

DATE 8-21-01



Office Head/District Engineer

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State Transportation Planning Administrator

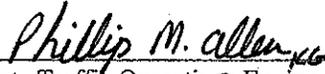
DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 1/23/02



State Traffic Operations Engineer
Safety and Design

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer