

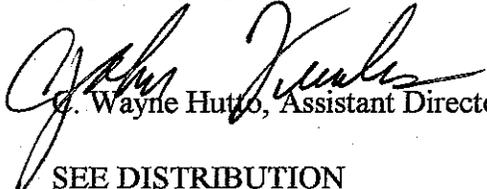
D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(368) Chattahoochee County **OFFICE** Preconstruction
P. I. No. 0001368

DATE June 7, 2002

FROM  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:

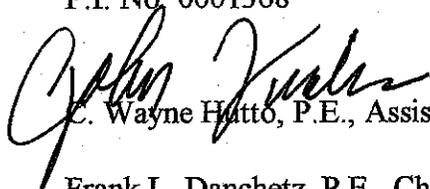
David Mulling
Harvey Keeper
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Thomas Howell
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(368) Chattahoochee County **OFFICE** Preconstruction
P.I. No. 0001368

DATE May 20, 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 CR 58 over Georgia Southwestern Railroad, 4.6 miles east of Cusseta, Georgia. The existing bridge, constructed in 1935, is load limited with a sufficiency rating of 28. County Road 58 at this location is a rural two lane roadway with 10' travel lanes with rural shoulders. This section of CR 58 is functionally classified as a rural major collector. Traffic is projected to be 650 VPD and 1,000 VPD in the years 2007 and 2027 respectively.

The construction proposes to construct a new 200' x 38' concrete bridge over Georgia Southwestern Railroad at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' paved). To obtain the desirable vertical geometry, the project limits will extend from 500' south of the existing bridge to 800' north of the existing bridge for a total of 0.25 miles. An existing double, double 10' x 10' box culvert 0.10 mile north of the bridge will be extended. Through traffic will be detoured to existing off site roads. Chattahoochee County will be responsible for the signing and maintenance of detour routes.

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)	\$949,000	\$800,000	2005	04-07
Right-of-Way & Utilities*	Local	Local		

*Chattahoochee County signed LGPA on 1-2-01 for right-of-way, utilities and detours.

Frank L. Danchetz

Page 2

BR-0001-00(368) Chattahoochee

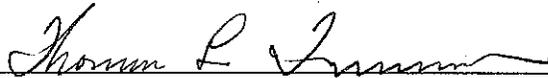
May 20, 2002

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

CWH:JDQ/cj

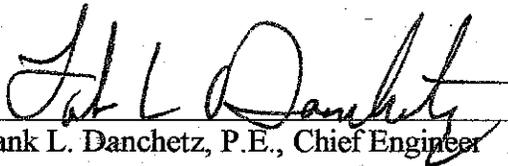
Attachment

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(368) Chattahoochee **OFFICE:** Engineering Services
P.I. Number 0001368

DATE: February 27, 2002

FROM: David Mulling, ^{DTM} Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: **CONCEPT REPORT**

FEB 28 2002

We have reviewed the concept report submitted February 12, 2002 by the letter from Glenn W. Durrence dated February 11, 2002, and have no comment.

The costs for the project are:

Construction	\$750,000
Inflation	\$113,000
E&C	\$ 86,000
Reimbursable Utilities	\$ 40,000
Right of Way	\$ 13,000

DTM

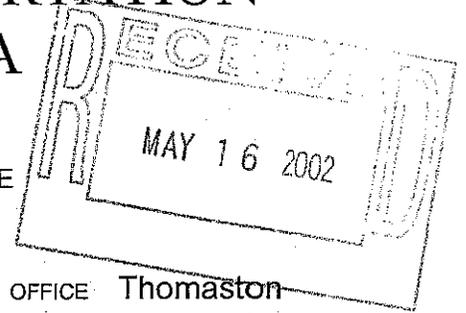
c: Glenn Durrence – Attention: Chuck Coogler

SCORING RESULTS AS PER MOG 2440-2

Project Number: BR-0001-00(368)		County: Chattahoochee		PI No.: 0001368	
Report Date: 2/11/02		Concept By: DOT Office: DISTRICT 3			
<input checked="" type="checkbox"/> CONCEPT		Consultant: LPA GROUP			
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	100%				
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(368) Chattahoochee
P.I.No. 0001368
CR 58 over Georgia Southwestern Railroad

OFFICE Thomaston

DATE May 14, 2002

For CDC

FROM Thomas B. Howell, P.E., District Engineer

TO Wayne Hutto, P.E., 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).

If additional information is needed, contact Bill Rountree, District Design Engineer, at (706) 646-6604.

WJR:CDC

Cc: David Mulling, *Project Review Engineer*
Harvey Keepler, *State Environmental/Location Engineer*
Phillip Allen, *State Traffic Safety and Design Engineer*
Martha Rosen, *State Transportation Planning Administrator*
Herman Griffin, *State Transportation Programming Engineer*
Paul Liles, *State Bridge Design Engineer* (only for those projects that involve structures)
David Millen, *District Preconstruction Engineer*
Lamar Pruitt, *District Construction Engineer*
Keith Rohling, *District Traffic Operations Engineer*
District Maintenance Engineer
Debra Benton, *District Environmentalist*
Tommy Cleveland, *District Location Engineer*
Ethel White, *District Scheduling Technician*

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office of Consultant Design

**PROJECT CONCEPT REPORT
CR 58 Over Georgia Southwestern Railroad**

Project Number: BR-0001-00(368)

County: Chattahoochee

P. I. Number: 0001368

Federal Route Number: N/A

State Route Number: N/A

PROJECT LOCATION MAP: See Page 2

Prepared by: Wolverson and Associates/The LPA Group, Incorporated

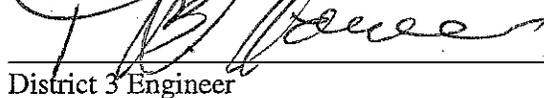
Recommendation for approval:

DATE 5/14/02

DATE 5/14/02



Project Manager - Bill Rountree, P.E.



District 3 Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (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 _____

Project Review Engineer

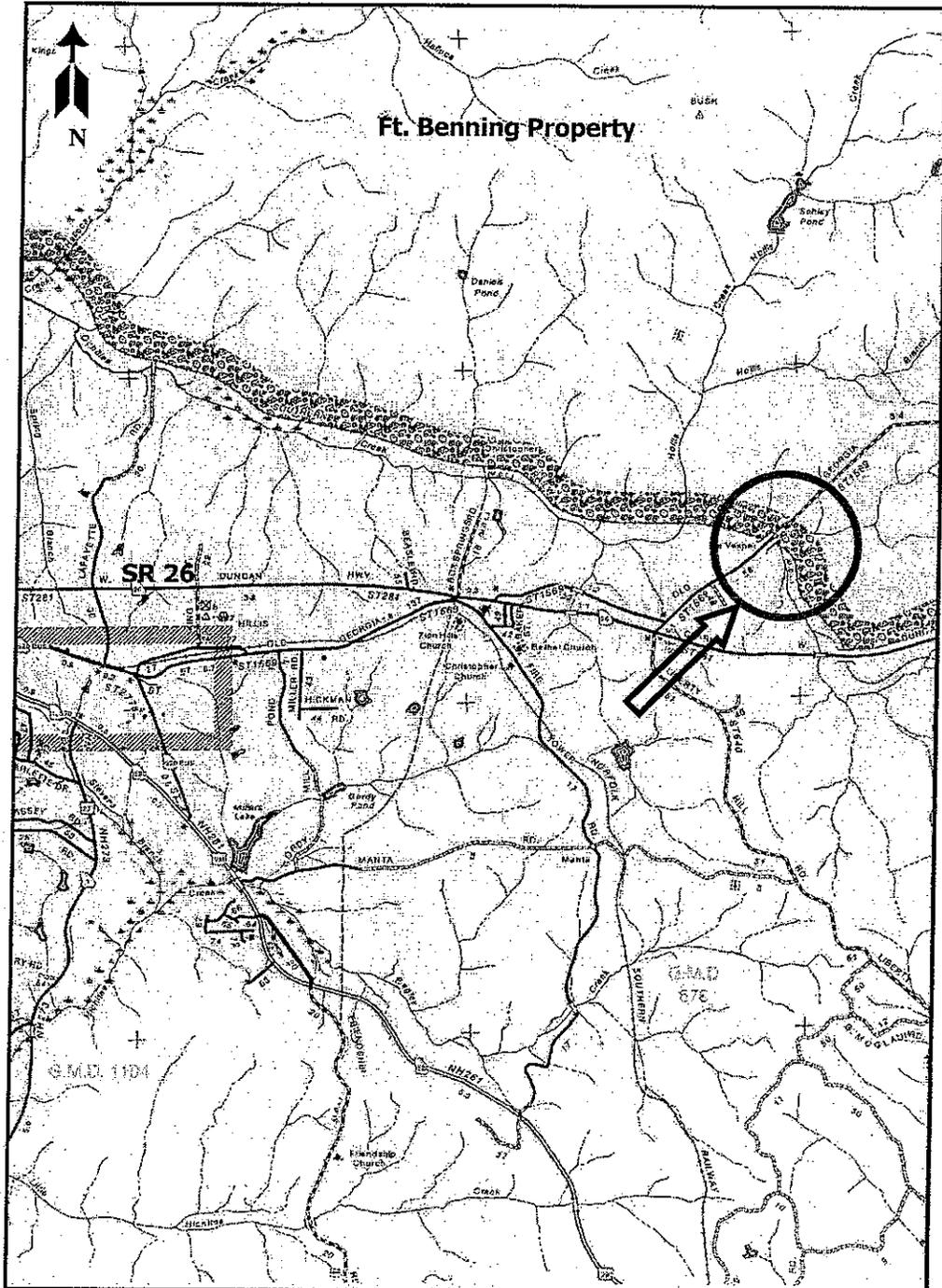
DATE _____

State Bridge and Structural Design Engineer

Project Concept Report p. 2
Project Number: BR-0001-00(368)
P. I. Number: 0001368
County: Chattahoochee

PROJECT LOCATION MAP

Project: BR-0001-00(368) Chattahoochee County PI No.: 0001368
Description: CR 58 over Georgia Southwestern Railroad East of Cusseta



NEED AND PURPOSE
PROJECT BR-0001-00(368) CHATTAHOOCHEE COUNTY
P. I. NO 0001368
Bridge Replacement

Project Number BR-0001-00(368) will replace the existing, structurally deficient bridge located on County Route (CR) 58 over Georgia Southwestern Railroad in Chattahoochee County approximately 4.6-miles east of Cusseta, Georgia.

This bridge was constructed in 1935 and the sufficiency rating is 28.8. The Office of Bridge Design has determined that any structure with a sufficiency rating of less than 50 should be replaced rather than improved. This project will replace the existing bridge with a structurally adequate bridge.

County Route 58 is functionally classified as a rural major collector and is not designated as a school bus route. The speed limit is not posted. The Average Daily Traffic (ADT) along this section of roadway has been projected to be 650 in 2007 and 1000 in 2027 with 8 percent trucks. County Road 58 is not part of the Georgia Bicycle Statewide Network. Sidewalks are not proposed for this bridge. Replacing this bridge will bring it up to current design standards and improve the operation and safety of this roadway.

Description of the proposed project:

This project proposes to replace the existing, structurally deficient C.R. 58 Bridge over Georgia Southwestern Railroad in Chattahoochee County with a new structure. The bridge is located 4.6 miles east of Cusseta. The proposed bridge would be constructed on the same alignment and would require a road closure. Thru traffic would be detoured to existing offsite roads. Residential traffic would be maintained throughout construction. To allow for staging and to obtain desirable vertical geometry, the project will begin approximately 500 feet south of the existing bridge and end approximately 800 feet north of the bridge. The total length of the proposed project is approximately 0.25 miles. Because of the need to obtain desirable vertical geometry, the culvert located approximately 0.1 mile north of the bridge will be extended.

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

PDP Classification: Minor

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

Functional Classification: Rural Major Collector

U. S. Route Number(s): N/A

State Route Number(s): N/A

Traffic (AADT):

Current Year: (2007) – 650 Design Year: (2027) – 1,000
K = 9% D = 60% T = 8% 24hr. T = 10%

Existing design features:

- **Typical Section:**
The existing roadway has two 10-foot travel lanes with 6-foot grassed shoulders.
- **Posted speed:** None
- **Maximum degree of curvature:** 2° 00'
- **Maximum grade:** +6.00%
- **Width of right of way:** 100 feet
- **Major structures:** 2
 1. Timber pile bridge constructed in 1935.
Length: 152 feet
Width: 27 feet
Skew: 30°
Sufficiency Rating: 28.8
 2. Double-Double 10x10 Box Culvert, Georgia Standard 2310
- **Major interchanges or intersections along the project:** None

Proposed Design Features:

- **Proposed typical section(s):** The proposed roadway will consist of two 12-foot travel lanes with eight-foot shoulders that will include a two-foot paved shoulder (see attached typical section).
- **Proposed Design Speed Mainline:** 55 mph
- **Proposed Maximum grade Mainline:** 6.5% **Maximum grade allowable:** 6.5 %
- **Proposed Maximum grade Side Street:** N/A **Maximum grade allowable:** N/A
- **Proposed Maximum degree of curve:** 2°00' **Maximum degree allowable:** 6°00'
- **Right of way**
 - **Width:** 100 feet - 200 feet
 - **Easements:** Temporary (X), Permanent (X), Utility (), Other ()
 - **Type of access control:** Full (), Partial (), By Permit (), Other (X).
 - **Number of parcels:** 6 **Number of displacements:** 0
 - **Business:** 0
 - **Residences:** 0
 - **Mobile homes:** 0
 - **Other:** 0
- **Structures:**
 - **Bridges** – The proposed bridge will be 32 feet wide (per MOG 4265-9) and approximately 200 feet long. The proposed structure will carry two 12-foot travel lanes with 4-foot shoulders.
 - **Culverts** – Culvert Extension.
 - **Retaining walls** – None anticipated.
- **Major intersections and interchanges:** None
- **Traffic control during construction:** Detour – Existing two-way thru traffic will be detoured to existing offsite roadways while the proposed structures are constructed. Access to residences will be maintained throughout construction.

a DETOUR PIM NEEDS TO BE HELD - JAL 6/3/02

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 anticipated

- **Environmental concerns:** Do not anticipate any UST, hazardous waste, archaeological, etc impacts. Possible 404 permit. The bridge is listed as eligible for the National Register of Historic Places. The continuous design of the beams and the structure make the bridge historically significant. See Comments section (page 7) for additional discussion.
- **Level of environmental analysis:** C.E. - Anticipated
 - Are Time Saving Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- **Utility involvement:**
 - Overhead power and telephone cable lines located along north side of roadway.
 - Water line located on south side of roadway.

Project responsibilities:

- Design – GDOT
- Right of Way Acquisition – Local Government: Chattahoochee County
- Relocation of Utilities – Local Government: Chattahoochee County
- Letting to contract – GDOT
- Supervision of construction – GDOT
- Providing material pits – Contractor

Coordination

- Concept meeting date and brief summary – January 18, 2002 - See attached meeting minutes.
- P. A. R. meetings, dates and results – Not Applicable
- FEMA, USCG, and/or TVA – None Anticipated
- Public involvement – None Anticipated
- Local government comments – Signed LGPA 1-02-01 for Right of Way, Utilities, and Detour (To be revised to delete detour responsibility.)
- Other projects in the area – None
- Other coordination to date – Coordination required with Chattahoochee County and Fort Benning to close C.R. 58 during construction. Coordination with Georgia Southwestern Railroad required.

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: 2 Months
- Time to complete final construction plans: 3 Months
- Time to complete to purchase right of way: 8 Months

Alternatives Considered: (1) Build proposed structure on the existing alignment and use an offsite detour to maintain thru traffic. (2) Shift roadway alignment and construct proposed structure approximately 50 feet north of the existing structure while maintaining the existing structure. (3) Build proposed structure on the same alignment as the existing structure by using an onsite temporary detour to maintain existing traffic. (4) Rehabilitate existing bridge by replacing many of the timber piles and repairing exposed rebar on the bottom of the deck. (5) No Build.

Comments: The Georgia Historic Bridge Survey and Management Plan was referenced in developing the alternatives for this project. Alternative (1) was chosen as the preferred Alternate due to its overall lower construction costs (see attached Alternative 1 Cost Estimate), short available detour route (approximately 8 miles), and desirable horizontal alignment. Alternative (2) would require extending the project limits considerably and would require introducing a horizontal alignment that is less desirable than the existing alignment. This alternative would leave the existing bridge in place. However, given its present condition, it would require extensive rehabilitation in the future to be safe for pedestrian traffic. The vertical clearance above the railroad would also remain substandard. Chattahoochee County has verbally indicated that they do not want to rehabilitate or maintain the existing bridge if a new bridge on a shifted alignment is constructed. Alternative (3) was not chosen due to the higher costs of construction. The total cost estimates were \$1,197,101 and \$1,832,056 for Alternatives (2) and (3), respectively. Alternative (4) was not chosen due to the substandard condition of the existing bridge and the long-term maintenance costs in retaining the structurally deficient bridge. Bringing the existing bridge up to current standards would require widening the width of the bridge (if possible) and providing additional vertical clearance between the railroad and the bottom of the beams. However, these improvements would compromise the historical integrity of the bridge.

Attachments:

1. Cost Estimate
2. Location and Design Notice
3. Typical Sections
4. Bridge Inventory Sheet
5. Detour Map
6. Concept Meeting Minutes

Project Concept Report p. 8
Project Number: BR-0001-00(368)
P. I. Number: 0001368
County: Chattahoochee

PRELIMINARY COST ESTIMATE (Alternative 1)

DATE: March 12, 2002

PREPARED BY: The LPA Group, Inc.

PROJECT NO.: BR-0001-00(368)

P.I. NO.: 0001368

LENGTH: 0.3 Miles

PROJECT DESCRIPTION: C.R. 58 over Georgia Southwestern Railroad

Build proposed structure on the same alignment as the existing structure by using offsite detour to maintain traffic.

PROJECT COSTS

A. RIGHT OF WAY (By Chattahoochee County per LGPA)

1. Property (Land & Easement) By Local Government	\$7,500
2. Displacements; Res: 0, Bus: 0, M.H.: 0	\$0
3. Other Cost (Adm./Cost, Inflation)	\$5,000
4. Detour (Temporary Easement)	\$0
Subtotal: A	\$12,500

B. REIMBURSEABLE UTILITIES (By Chattahoochee County per LGPA)

1. Railroad;	\$10,000
2. Transmission Lines;	\$0
3. Services;	\$6,500
Subtotal: B	\$16,500

C. CONSTRUCTION

1. Major Structures			
a. Bridges;	7,600 sq ft	@ \$65 /sq ft	\$494,000
b. Retaining Walls;	(None)		\$0
c. Box Culverts;	(Extension)		\$47,000
d. Removal of existing bridge;			\$60,000
Subtotal: C-1			\$601,000
2. Grading and Drainage:			
a. Earthwork;	3,000 cu yd	@ \$4 cu yd	\$12,000
b. Drainage;			
1) Cross Drain Pipe (exclude box culverts)	(None)		\$0
2) Curb and Gutter	(None - Rural)		\$0
3) Longitudinal System (include catch basins)	(None - Rural)		\$0
Subtotal: C-2			\$12,000

3. Base and Paving

a. GAB;	(	900 tons	@ \$20 tn)	<u>\$18,000</u>
b. Asphalt Paving;				
1) Surface	(	200 tons	@ \$45 tn)	<u>\$9,000</u>
2) Binder	(	170 tons	@ \$45 tn)	<u>\$7,650</u>
3) Base	(	340 tons	@ \$45 tn)	<u>\$15,300</u>
c. Concrete Paving;	(			<u>\$0</u>
d. Other;	(None)			<u>\$0</u>
Subtotal: C-3				\$49,950

4. Lump Items:

a. Traffic Control;				<u>\$40,000</u>
b. Clearing & Grubbing;	\$3,000/AC	@ 2.0 acres		<u>\$6,000</u>
c. Grassing;	\$3,500/AC	@ 2.0 acres		<u>\$7,000</u>
d. Erosion Control;	\$4,000/AC	@ 2.0 acres		<u>\$8,000</u>
Subtotal: C-4				\$61,000

5. Miscellaneous:

a. Lighting;		(None)		<u>\$0</u>
b. Striping - (5 in yellow);	2,000 ft	@ \$0.50 /ft		<u>\$1,000</u>
c. Striping - (5 in white);	2,000 ft	@ \$0.50 /ft		<u>\$1,000</u>
d. Signing				<u>\$1,000</u>
e. Guardrail				<u>\$13,000</u>
f. Sidewalk - Median Barrier;				<u>\$0</u>
Subtotal: C-5				\$16,000

6. Special Features (None)

Subtotal: C-6 \$0

7. Detour: Signing

Subtotal: C-7 \$10,000
\$10,000

Project Concept Report p. 10
Project Number: BR-0001-00(368)
P. I. Number: 0001368
County: Chattahoochee

A. Right-of-Way (By Chattahoochee County per LGPA) \$12,500*

B. Reimbursable Utilities (By Chattahoochee County per LGPA) \$16,500*

C. Construction

1. Major Structures	<u>\$601,000</u>
2. Grading and Drainage	<u>\$12,000</u>
3. Base and Paving	<u>\$49,950</u>
4. Lump Items	<u>\$61,000</u>
5. Miscellaneous	<u>\$16,000</u>
6. Special Features	<u>\$0</u>
7. Detour	<u>\$10,000</u>
Subtotal Construction Cost	<u>\$749,950</u>
E & C (10%)	<u>\$74,995</u>
Inflation (5% per year for 3 years)	<u>\$130,032</u>
Total Construction Cost	<u>\$954,977</u>

GRAND TOTAL PROJECT COST \$954,977

This project 100% in Congressional District 2.

*Subtotals, paid by Chattahoochee County per LGPA, not included in the Grand Total Project Cost.

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BR-0001-00(368), Chattahoochee County
P.I. No. 0001368

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

Date of Location Approval: **JUNE 7, 2002**

This project is located on C.R. 58 over Georgia Southwestern Railroad, located in Chattahoochee County, GMD 678 and GMD 1104.

This project consists of replacing the existing 27 ft X 152 ft structurally deficient C.R. 58 Bridge over Georgia Southwestern Railroad with a new structure. The new bridge will be 32 ft wide and approximately 200 ft in length.

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

Dewayne Meacham
Area 7 Engineer
dewayne.meacham@dot.state.ga.us
3600 Schatolga Road
Columbus, Georgia 31907
(706) 568-2165

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:

William J. Rountree, P.E.
District Design Engineer
Georgia Department of Transportation
Thomaston District Office
715 Andrews Drive
Thomaston, Georgia 30286-4524
(706) 646-6604

Any written request or communication in reference to this 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: 053-0012-0

Chattahoochee

SUFF. RATING

28.80

Programming Data

201 Project No.: SP-577
 202 Plans Available:
 249 Prop. Proj. No. BR-0001-00 (368)
 250 Approval Status: 0000
 251 P.I. No.: 0001368
 252 Contract Date: 02/01/2005
 260 Seismic No.: 00000
 75 Type Work: 31 I
 94 Bridge Imp. Cost: \$ 251
 95 Roadway Imp. Cost: \$ 149
 96 Total Imp Cost: \$ 468
 76 Imp. Length: 001472
 97 Imp. Year: 1990
 114 Future ADT: 000900 Year: 2019

Measurements

* 29 ADT: 000600 Year: 1999
 109 % Trucks: 16
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 01
 * 48 Max. Span Length: 0028
 * 49 Structure Length: 152
 51 Br. Rwdy. Width: 25.10
 52 Deck Width: 27.00
 * 47 Tot. Horz. Cl: 25.10
 50 Curb/Sdewlk Width: 0.60/0.60
 32 Approach Rdwy Width: 021
 * 229 Shoulder Width:

Rear Lt: 6.00 Type: 8 Rt: 6.00
 Fwd Lt: 6.00 Type: 8 Rt: 6.00
 Pavement Width:

Rear: 21.00 Type: 2
 Fwd: 21.00 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2

App. C. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over:
 Under: R 99' 99" 22' 00"

* 228 Min. Vertical Cl
 Act. Odm Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"

55 Lateral Undercl. Rt: R 9.80
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99' 99" Dir: 0
 39 Nav Vert Cl: 000 Horiz: 0000
 116 Nav Vert Cl Closed: 000

245 Deck Thickness Main: 7.50
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 1958 Sub: 0000

Hydraulic Data

215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00000
 Area Of Opening: 000000
 113 Scour Critical: N
 216 Water Depth: 00.0 Br. Height: 00.0
 222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0
 Width: 0.00 Height: 0.00
 Length: 0 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No.: 053-01569F-002.05E

Ratings

65 Inventory Rating Method: 2
 63 Inventory Rating Method: 2
 66 Inventory Type: 2 Rating: 06
 64 Operating Type: 2 Rating: 09
 231 Calculated Loads
 H-Modified: 04 I
 HS-Modified: 00 0
 Type 3: 00 0
 Type 3s2: 00 0
 Timber: 00 0
 Piggyback: 00 0

261 H Inventory Rating: 04
 262 H Operating Rating: 06
 67 Structural Evaluation: 2
 58 Deck Condition: 5
 59 Superstructure Condition: 5

* 227 Collision Damage: 0
 60A Substructure Condition: 3
 60B Scour Condition: N
 60C Underwater Condition: N
 71 Waterway Adequacy: N
 61 Channel Protection Cond: N
 68 Deck Geometry: 4
 69 Undercl. Horz/Vert: 7
 72 Appr. Alignment: 6
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 0
 41 Struct Open, Posted, Cl: P
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 04
 HS-Modified: 00
 Type 3: 00
 Type3s2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date 10/30/1995
 253 Fed Notify Date 02/01/1901

PROJECT DETOUR MAP

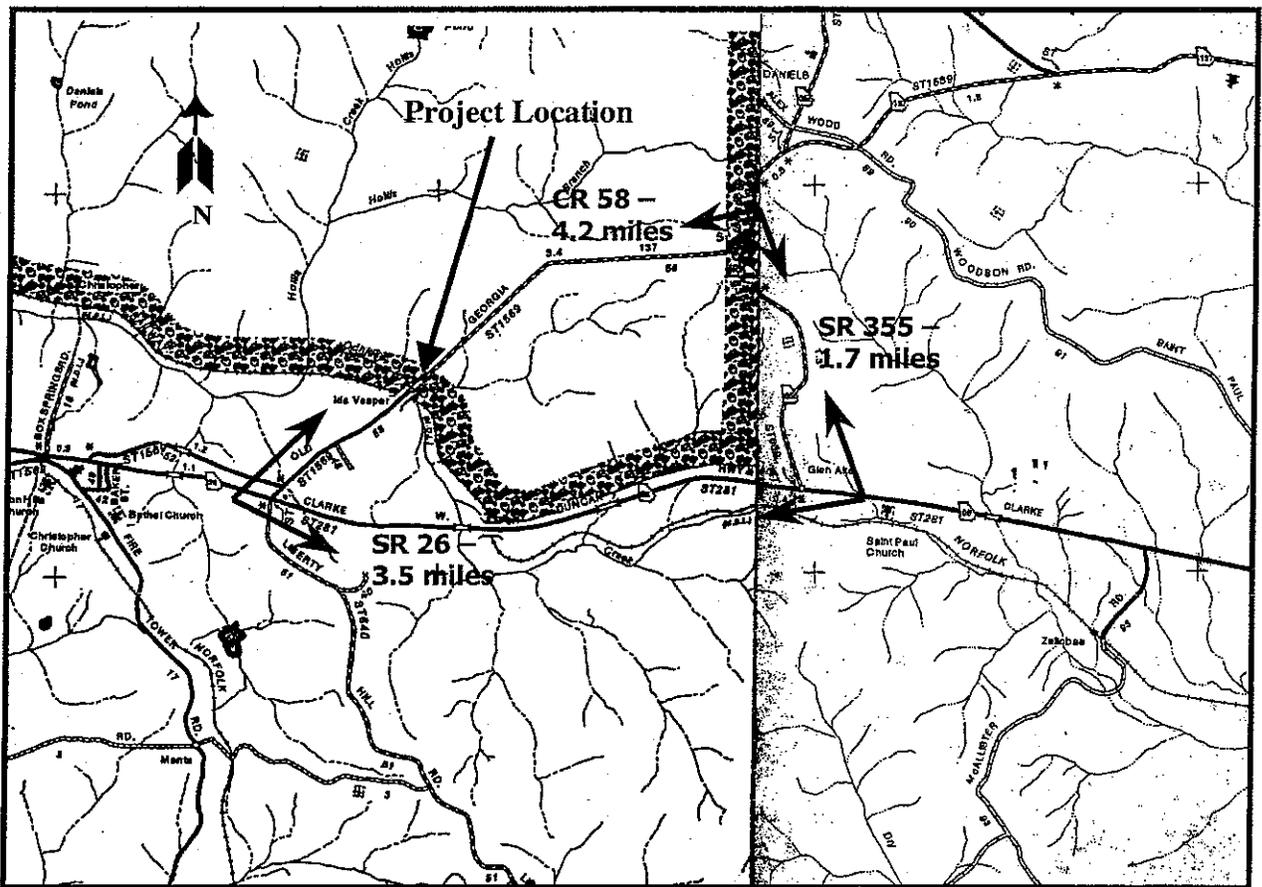
Project: BR-0001-00(368) Chattahoochee County PI No.: 0001368
Description: CR 58 over Georgia Southwestern Railroad East of Cusseta

Detour Directions:

To Location North of Project from SR 26: SR 26 to SR 355 North to CR 58.

Approximate travel distance: 7.8 miles.

To Location South of Project from SR 137: SR 137 to SR 355 South to SR 26 West to CR 58 North. Approximate travel distance: 8.0 miles.



NOT TO SCALE

**CONCEPT MEETING MINUTES
C.R. 58 over Norfolk Southern Railroad**

**BR-0001-00(368)
P.I. 0001368
Chattahoochee County**

**January 18, 2002
9:00 A.M. @ District 3 Signal Shop**

Attendees:

Al Bowman	The LPA Group Inc.	(770) 263-9118	abowman@lpagroup.com
Janet Millsapps	The LPA Group Inc.	(770) 263-9118	jmillsapps@lpagroup.com
Danny Godwin	The LPA Group Inc.	(770) 263-9118	dgodwin@lpagroup.com
Wayne Sorrow	Wolverton & Associates	(770) 447-8999	wsorrow@wolverton-assoc.com
Sei Kpeyei	GDOT - Planning	(404) 561-5325	sei.kpeyei@dot.state.ga.us
Kim Brown	GDOT - Utilities	(706) 646-6548	kim.brown@dot.state.ga.us
Robert Reid	GDOT - Consultant Design	(404) 463-3831	robert.reid@dot.state.ga.us
Charles Coogler	GDOT - Design	(706) 646-6611	charles.coogler@dot.state.ga.us
Mike Maloy	GDOT - Design	(404) 635-8064	mike.maloy@dot.state.ga.us
Ellis C. Mattingly	Chattahoochee Co. Water Works	(706) 989-3422	N/A
Doug Westberry	Chattahoochee County Manager	(706) 989-3602	N/A
Debra Benton	GDOT - Environmental	(706) 646-6597	debra.benton@dot.state.ga.us
Windy Bickers	GDOT - Financial Management	(404) 463-5023	windy.bickers@dot.state.ga.us
Lamar M. Pruitt, Jr.	GDOT - Construction	(706) 646-6569	lamar.pruitt@dot.state.ga.us
Ricky Wall	GDOT - Right of Way	(706) 646-6602	N/A
Tommy Cleveland	GDOT - Location	(706) 646-6589	N/A
Bill Rountree	GDOT	(706) 646-6604	bill.rountree@dot.state.ga.us

The following is a summarization of the minutes and decisions made at the aforementioned meeting.

1. Introduction
2. Danny Godwin presented an overview of the layout, stating that the purpose was to replace the existing structurally deficient bridge along C.R. 58 over Norfolk Southern Railroad. The proposed bridge would be 38 feet wide and approximately 200 feet long, consisting of two 12-foot travel lanes with 7-foot shoulders.
3. Danny explained that thru traffic would be detoured to existing offsite roads while maintaining residential traffic. Because of the good condition of the roads along the detour and because the property owner north of the detour (Fort Benning) uses another route to access their property, it was agreed that the offsite detour is the best alternative to maintain traffic.
4. Bill expressed concern over the length of the right of way limits as shown on the layout because the vertical distance needed to clear the railroad would require larger amounts of fill a greater distance along the length of the road before and after the bridge. Danny agreed and said that the preliminary cost estimate in the concept report would be changed to reflect the additional area.

5. Bill recommended obtaining a tax map for a better representation of the property for GDOT OEL. Ellis C. Mattingly said that he would obtain a tax map from Chattahoochee County.
6. Danny explained that the typical section has two 12-foot lanes with 8-foot shoulders (2-foot paved), four to one side slopes, and 4-foot ditches. Bill recommended using six to one side slopes with 2-foot ditches. Danny said that the concept typical section and concept report would be changed accordingly.
7. Mike Maloy said that Norfolk Southern Railroad should be changed to Georgia Southwestern Railroad in the concept report.
8. Bill recommended changing the length of time to complete right of way plans from 3 months to 2 months.
9. Windy Bickers said that PMA (page 6, local government comments) should be changed to LGPA.
10. Bill recommended changing GAB in the Cost Estimate from \$17 per ton to \$20 per ton and Paving from \$47 per ton to \$45 per ton. Danny said that the concept would be changed accordingly.
11. Bill recommended rounding quantities in the Cost Estimate. Danny said that the concept would be changed accordingly.
12. Lamar M. Pruitt, Jr. recommended adding 2 signs totaling \$1000 to the miscellaneous section of the cost estimate. Bill agreed and Danny said that the concept report would be changed.
13. Lamar recommended adding \$10,000 - \$20,000 to the cost estimate for signing the detour. Bill said that it was the county's responsibility. Lamar added that much of the detour is along state roads. It was agreed that since the detour was on state routes, it should be the contractor's responsibility. Danny said that \$10,000 would be added to the concept cost estimate. Windy noted that a revised LGPA would be submitted to the county.
14. Bill recommended including the total costs of each "losing" alternative in the Alternates Considered section in the concept report instead of a complete cost estimate for the "losing" alternatives. Danny said that the concept report would be changed.
15. Lamar recommended paving under guardrail for maintenance purposes. Danny said that the typical section would be changed accordingly.
16. Bill asked if there were any additional comments.
 - o Windy said that she would revise the LGPA for the detour responsibility.
 - o Kim Brown said that she would send the LPA Group a copy of the phones numbers and addresses of any possible utilities in the area after the meeting.

- Doug Westbury mentioned that until the allowable load over the bridge was lowered, school buses had used C.R. 58 and that once the bridge was replaced it would again be used by school buses.

17. The meeting adjourned.

After the meeting:

- Bill mentioned that the price of inflation should be for 3 years in the cost estimates. Al said that the cost estimates would be changed accordingly.
- Ellis said that there was an underground water line along the south side of C.R. 58. Danny said that the new information would be added to the concept report (page 6) and the layout.
- Kim emailed Janet Millsapps the following list of possible utilities in the area:
 - Ms. Suzanne S. Taylor Manager
Bellsouth Communications
2424 Williams Road
Columbus, Georgia 31909
(706) 571-3661
 - Chattahoochee County Water Department
Courthouse Annex
Broad Street
Cusseta, Georgia 31805
(Douglas Westbury – County Manager (706) 989-3602)
 - Mr. Greg Crowder, VP of Marketing & Administration
Sumter EMC
PO Box 1048
1128 Felder Street
Americus, Georgia 31709
(Buddy Owens – (912) 824-8041)
 - Mr. Harold Cox, DOT Centralized Engineering
Georgia Power Company
241 Ralph McGill Blvd, NE
Atlanta, Georgia 30308-3374
(404) 506-1406
- Ellis faxed Janet a tax map displaying the current property owners.

Notes prepared by: Janet Millsapps/Danny Godwin

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office of Consultant Design

PROJECT CONCEPT REPORT
CR 58 Over Georgia Southwestern Railroad

Project Number: BR-0001-00(368)

County: Chattahoochee

P. I. Number: 0001368

Federal Route Number: N/A

State Route Number: N/A

PROJECT LOCATION MAP: See Page 2

Prepared by: Wolverton and Associates/The LPA Group, Incorporated

Recommendation for approval:

DATE 8/14/02

DATE 5/14/02



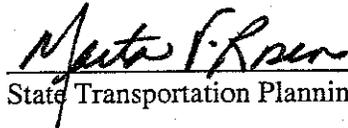
Project Manager - Bill Rountree, P.E.



District 3 Engineer

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

DATE 5/21/02



State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office of Consultant Design

PROJECT CONCEPT REPORT
CR 58 Over Georgia Southwestern Railroad

Project Number: BR-0001-00(368)

County: Chattahoochee

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Federal Route Number: N/A

State Route Number: N/A

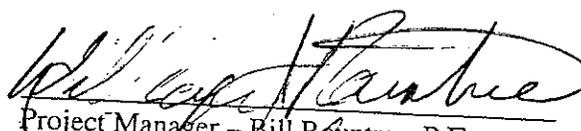
PROJECT LOCATION MAP: See Page 2

Prepared by: Wolverton and Associates/The LPA Group, Incorporated

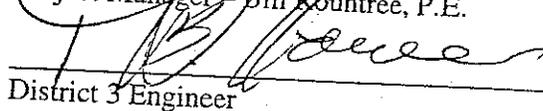
Recommendation for approval:

DATE 8/14/02

DATE 5/14/02



Project Manager - Bill Rountree, P.E.



District 3 Engineer

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

DATE _____

DATE 5/16/02

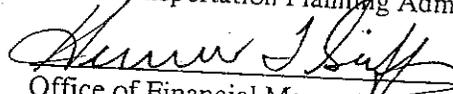
DATE _____

DATE _____

DATE _____

DATE _____

State Transportation Planning Administrator



Office of Financial Management Administrator

State Environmental/Location Engineer

State Traffic Safety and Design Engineer

Project Review Engineer

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office of Consultant Design

**PROJECT CONCEPT REPORT
CR 58 Over Georgia Southwestern Railroad**

Project Number: BR-0001-00(368)
County: Chattahoochee
P. I. Number: 0001368

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

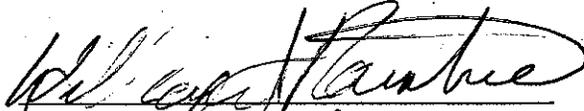
PROJECT LOCATION MAP: See Page 2

Prepared by: Wolverton and Associates/The LPA Group, Incorporated

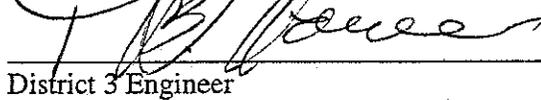
Recommendation for approval:

DATE 8/14/02

DATE 5/14/02



Project Manager - Bill Rountree, P.E.



District 3 Engineer

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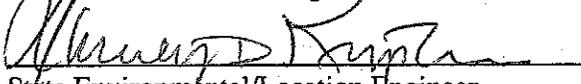
DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE 5/23/02



State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office of Consultant Design

**PROJECT CONCEPT REPORT
CR 58 Over Georgia Southwestern Railroad**

Project Number: BR-0001-00(368)

County: Chattahoochee

P. I. Number: 0001368

Federal Route Number: N/A

State Route Number: N/A

PROJECT LOCATION MAP: See Page 2

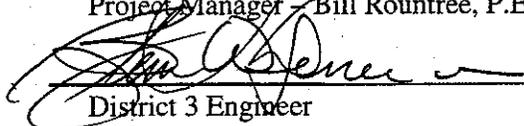
Prepared by: Wolverton and Associates/The LPA Group, Incorporated

Recommendation for approval:

DATE 2/11/02


Project Manager - Bill Rountree, P.E.

DATE 2/11/02


District 3 Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

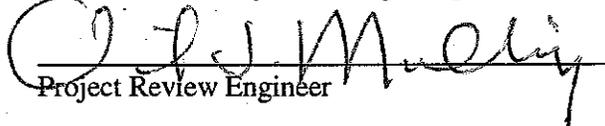
DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE 2/27/02


Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office of Consultant Design

**PROJECT CONCEPT REPORT
CR 58 Over Georgia Southwestern Railroad**

Project Number: BR-0001-00(368)

County: Chattahoochee

P. I. Number: 0001368

Federal Route Number: N/A

State Route Number: N/A

PROJECT LOCATION MAP: See Page 2

Prepared by: Wolverton and Associates/The LPA Group, Incorporated

Recommendation for approval:

DATE 5/14/02

DATE 5/14/02


Project Manager - Bill Rountree, P.E.


District 3 Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (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

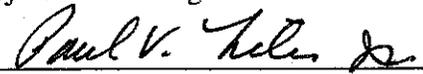
DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE 6/3/02



State Bridge and Structural Design Engineer