

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006325, Cobb County **OFFICE** Preconstruction
CSBRG-0006-00(325)
CR 1782/Concord Road over
Silver Comet Trail **DATE** March 21, 2007

FROM *Genetha Rice*
Genetha Rice-Singleton, Assistant Director of Preconstruction

TO *David E. Studstill, Jr.*
David E. Studstill, Jr., P.E. Chief Engineer

SUBJECT **APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Angela Alexander (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0006325, Cobb County **OFFICE:** Preconstruction
 CSBRG-0006-00(325)
 CR 1782/Concord Road over Silver Comet Trail **DATE:** March 12, 2007

FROM: *Genetha Rice*
 Genetha Rice-Singleton, Assistant Director of Preconstruction

TO: David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT: PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge located in a historic district on CR 1782/Concord Road over the Silver Comet Trail, 2.5 miles southwest of Smyrna, Georgia. The existing bridge is a 12' wide, single lane, wood structure controlled by yield signs on the north and south approaches, and has a sufficiency rating of 9. This road is classified as an urban local access road. The posted speed for CR 1782/Concord Road is 35 MPH. Traffic is projected to be 8,250 VPD and 12,250 VPD in the years 2010 and 2030 respectively.

The construction proposes to construct a new 34' wide architectural facade type bridge similar to the bridge previously built just north of this proposed project as CR 1782/Concord Road crosses over the East-West Connector. The approaches will consist of two, 11' lanes and 6' shoulders. CR 1782/Concord Road will be closed to thru traffic during construction. While the bridge itself is not considered eligible for listing in the National Register, the project is located within the eligible Concord Bridge/Ruff's Mill Historic District. The width of the bridge and the approaches will be kept as narrow as possible to preserve the look and narrowness of the existing roadway.

Environmental concerns include requiring a Categorical Exclusion will be prepared; this project is located in a historic district; a detour public information hearing open house is required; time saving procedures are appropriate.

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	\$816,000	\$792,000	L110	2008
Right-of-Way & Utilities*	Local	Local	Local	Local

*LGPA requested Cobb County do right-of-way and private utilities 9-2-04.

David Studstill
Page 2

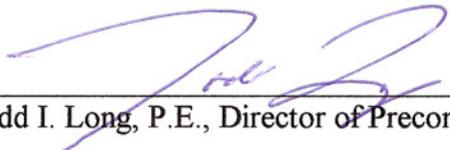
P. I. No. 0006325, Cobb
March 12, 2007

I recommend this project concept be approved.

GRS:JDQ/cj

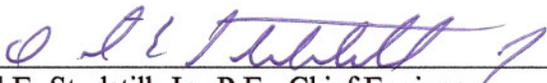
Attachment

CONCUR



Todd I. Long, P.E., Director of Preconstruction

APPROVE



David E. Studstill, Jr., P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

Bridge Replacement on CR 1782/Concord Rd over Silver Comet Trail

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(325)

County: Cobb

P. I. Number: 0006325

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1782

See Page 2 for Location Sketch

Recommendation for approval:

DATE 2/1/07

Mark Adams
Project Manager

DATE 2/1/07

Ben Hoyle
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE 2-5-07

Kevin Gold
State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

Bridge Replacement on CR 1782/Concord Rd over Silver Comet Trail

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(325)

County: Cobb

P. I. Number: 0006325

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1782

See Page 2 for Location Sketch

Recommendation for approval:

DATE 2/1/07

Mark Adams
Project Manager

DATE 2/1/07

Ray Hanks
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 2-5-07

James T. Simpson
State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

Bridge Replacement on CR 1782/Concord Rd over Silver Comet Trail

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(325)

County: Cobb

P. I. Number: 0006325

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1782

See Page 2 for Location Sketch

Recommendation for approval:

DATE 2/1/07

Mark Allen
Project Manager

DATE 2/1/07

Ray Hark
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE 3/12/07

Carl V. Tuley Jr
State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

Bridge Replacement on CR 1782/Concord Rd over Silver Comet Trail

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(325)

County: Cobb

P. I. Number: 0006325

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1782

See Page 2 for Location Sketch

Recommendation for approval:

DATE 2/1/07


Project Manager

DATE 2/1/07


District Engineer

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

DATE 2/12/07


State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

Bridge Replacement on CR 1782/Concord Rd over Silver Comet Trail

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(325)

County: Cobb

P. I. Number: 0006325

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1782

See Page 2 for Location Sketch

Recommendation for approval:

DATE 2/1/07

Mark Adams
Project Manager

DATE 2/1/07

Ray Hanks
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE 3/22/07

Brian L. Summers
Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

SCORING RESULTS AS PER TOPPS 2440-2

Project Number: CSBRG-0006-00(325)		County: Cobb		PI No.: 0006325		
Report Date: February 1, 2007		Concept By: DOT Office: District 7				
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A				
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input checked="" type="checkbox"/> Urban <input 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	100					
Environmental	100					
Right of Way	100					
Utility	100					
Constructability	100					
Schedule	100					

Project Concept Report page: 11
Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

NOTICE OF LOCATION AND DESIGN APPROVAL

CSBRG-0006-00(325), COBB COUNTY

P. I. NO. 0006325

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

The date of location approval is MARCH 21, 2007

The purpose of this project, which is located in a Historic District in Cobb County, Land Lots 170, 171, 190 and 191, is to improve the safety of the section of CR 1782/Concord Road over Silver Comet Trail. Improvements will help improve access to the area, increase load capacity and lower the accident rates along this corridor of CR 1782/Concord Road.

The 0.13 mile project consists of constructing a 34' x 100' bridge, which will include (2) 11-foot travel lanes with 6-foot shoulders (2-foot paved and 4-foot grassed). The roadway improvements are limited to approximately 150-feet north and south approaching the proposed bridge.

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

Jeff Woodward, Area 2 Engineer
Georgia Department of Transportation
862 Barnes Mill Road
Marietta, Georgia 30062
E-mail: jeff.woodward@dot.state.ga.us
Phone: (770) 528-3238

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:

Mike A. Lobdell, Project Manager
Georgia Department of Transportation
5025 New Peachtree Road
Chamblee, Georgia 30341
E-mail: mike.lobdell@dot.state.ga.us
Phone: (404) 463-4947

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.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

Bridge Replacement on CR 1782/Concord Rd over Silver Comet Trail

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(325)

County: Cobb

P. I. Number: 0006325

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1782

See Page 2 for Location Sketch

Recommendation for approval:

DATE 2/1/07

Walt L. ...
Project Manager

DATE 2/1/07

Ray ...
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

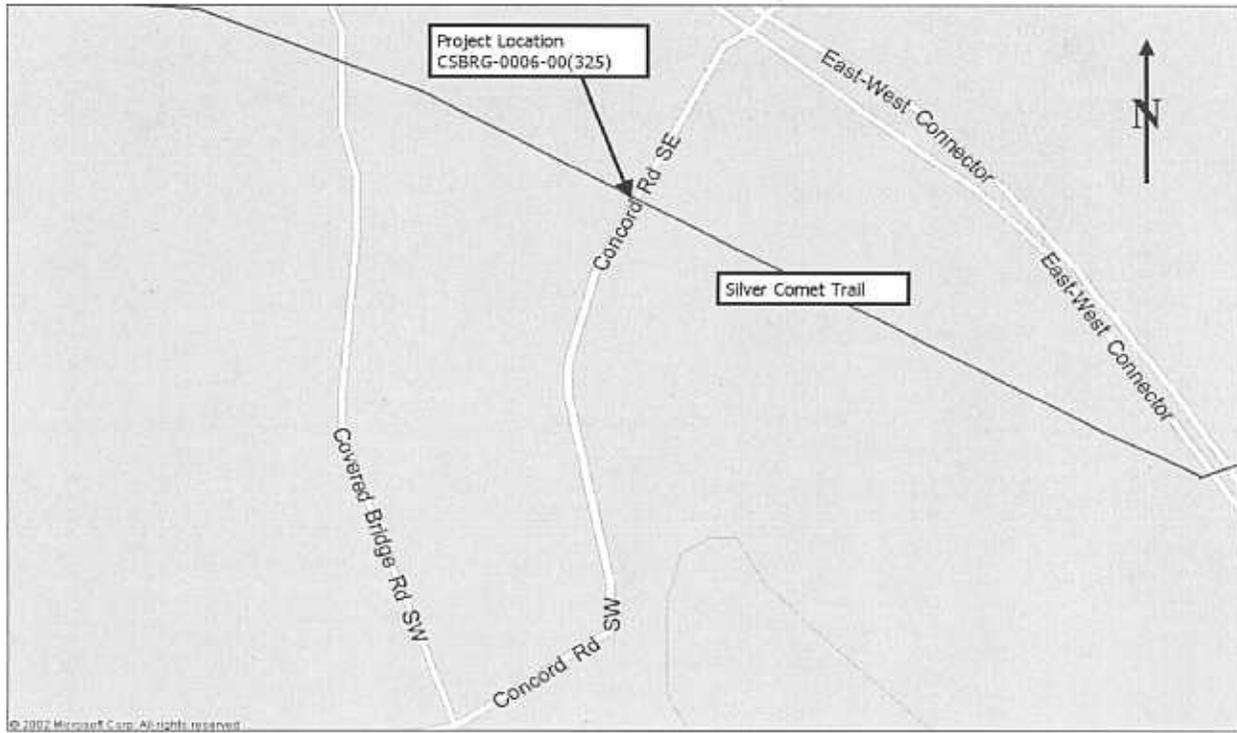
DATE _____

Project Review Engineer

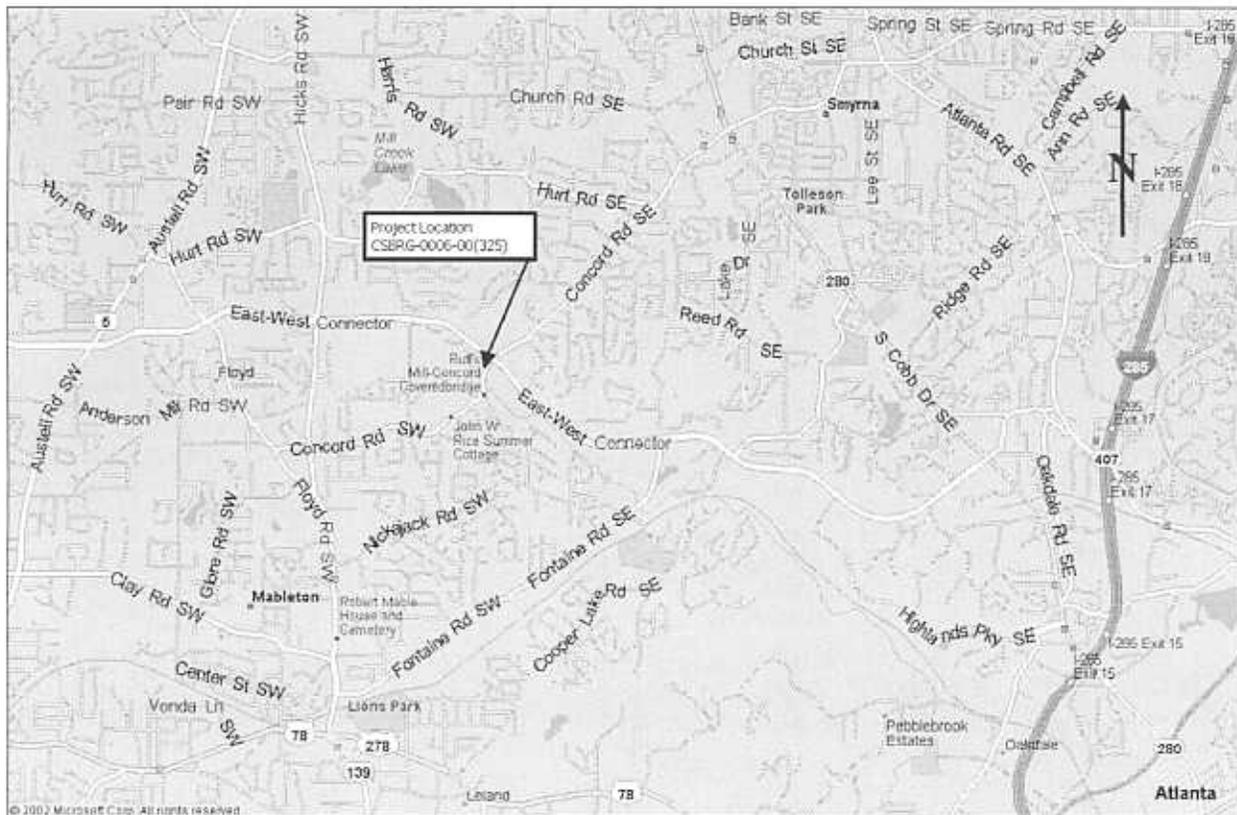
DATE _____

State Bridge and Structural Design Engineer

Concord Road over Silver Comet Trail Bridge Replacement Project
Location Map



Vicinity Map



Project Concept Report page: 3
Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

Need and Purpose

This project CSBRG-0006-00(325) proposes to replace the bridge located in a Historic District on CR 1782/Concord Road that extends over the Silver Comet Trail. It is located 2.5 miles southwest of the City of Smyrna in Cobb County. Currently, the bridge has a sufficiency rating of 9.06 and is eligible for replacement according to the DOT-MOG-2405-1, which states that a bridge with a sufficiency rating less than 50 and on the current Highway Bridge Replacement and Rehabilitation Program (HBRRP) list can be replaced. The bridge is a 12-foot wide, single lane, wood structure controlled by Yield signs on the north and south approaches.

This road is classified as an urban local access road. This project is also located along a bike route. The posted speed for CR 1782/Concord Road is 35mph. The Annual Average Daily Traffic (AADT) along this section of the roadway is 7,100 vehicles for 2006 with 2 percent trucks and a projected AADT of 12,250 vehicles for 2030. The existing bridge does not offer an efficient traffic flow to accommodate the projected AADT. In the attachments, an accident data table can be found showing that in the past 36 months there have been 33 accidents that occurred at the bridge. The accidents within these three years were classified as either "head on", "rear end" or "struck fixed object". Replacing the bridge will help improve access to the area, increase the bridge load capacity as well as lower the accident rates along this corridor of CR 1782/Concord Road.

Description of the proposed project

The length of the proposed project is approximately 0.13miles. The project is located from milepost 6.54 to milepost 6.67 along CR 1782/Concord Road in Cobb County. This project consists of restructuring and widening the existing 12-foot wide wood bridge to a 34-foot wide architectural façade type bridge, similar to the bridge previously built just north of this proposed project as CR 1782/Concord Road crosses over the East-West Connector. It will consist of (2) 11-foot lanes and (2) 6-foot shoulders. To minimize impacts to the area, CR 1782/Concord Road will be closed to thru traffic during construction.

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

The concept of this project conforms to the RTP/TIP/STIP and is consistent with the 2030 Atlanta Regional Transportation Plan.

PDP Classification: Major Minor

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

Functional Classification: Urban Local Access

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

State Route Number(s): N/A

Traffic (AADT):

Current Year: (2010) 8250

Design Year: (2030) 12250

Existing design features:

- Typical Section: CR 1782/Concord Road consists of two - 10.5' lanes with 6' rural shoulders that transition to one -12' lane bridge over the Silver Comet Trail.
- Posted speed: 35mph Minimum radius for curve: 375 ft
- Maximum super-elevation rate for curve: 4%
- Maximum grade: 14%
- Width of right of way: 50 – 60 ft.
- Major structures: One-lane wooden bridge over Silver Comet Trail, Length = 56', Width = 12.4', Suff. Rating = 9.06
- Major interchanges or intersections along the project: None
- Existing length of roadway segment: 0.13 miles

Proposed Design Features:

- Proposed typical section(s): Only bridge improvements are proposed. Roadway work will be limited to approximately 150 feet on the north and south approaches to the bridge. The roadway will consist of (2) 11-foot lanes with 6-foot shoulders (2-foot paved and 4-foot grassed).
- Proposed Design Speed Mainline: 25 mph
- Proposed Maximum grade Mainline: 14 %
- Proposed Maximum grade driveway 14 %
- Proposed Minimum radius for curve 154 ft
- Proposed Maximum super-elevation rate for curve: 4 %
- Right of way
 - Width varies
 - Easements: Temporary (), Permanent (X), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 5 Number of displacements:
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - Bridges: Bridge over Silver Comet Trail, Length = 100', Width = 34' (which consists of 2 – 11-foot lanes and 6-foot paved shoulders)
- Major intersections and interchanges: None
- Traffic control during construction: The road will be closed to traffic while the bridge is being constructed.

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 Project Number: CSBRG-0006-00(325)
 P. I. Number: 0006325
 County: Cobb

- 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: Project is located in a Historic District. None anticipated
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) ()
 - Environmental Impact Statement (EIS) ().
- Utility involvements: Unknown at this time

Project responsibilities:

- Design: Georgia Department of Transportation
- Right of Way Acquisition: Cobb County
- Relocation of Utilities: Cobb County
- Letting to contract: Georgia Department of Transportation
- Supervision of construction: Georgia Department of Transportation
- Providing material pits: Contractor
- Providing detours: Georgia Department of Transportation

Coordination

- Initial Concept Meeting date and brief summary, Nov. 16, 2006 (Summary attached)
- Concept meeting date and brief summary, January 11, 2007 (Minutes attached)
- P. A. R. meetings, dates and results: N/A
- FEMA, USCG, and/or TVA: N/A
- Public involvement: Detour PIOH may be needed.
- Local government comments: N/A
- Other projects in the area: N/A
- Other coordination to date: Meeting with the Georgia Department of Natural Resources, Historic Preservation Division (HPD) on Nov. 22, 2006. (Minutes attached)
- Railroads: N/A

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Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: 0 Months.
- Time to complete final construction plans: 2 Months.
- Time to complete bridge plans: 4 – 6 Months.
- Time to complete the purchase right of way: 6 – 12 Months.

Other alternates considered: No build.

Comments: None to Date

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Location and Design Notice,
3. Minutes of Initial Concept and Concept meetings,
4. Minutes of HPD meeting,
5. Typical sections
6. Accident Data

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 Project Number: CSBRG-0006-00(325)
 P. I. Number: 0006325
 County: Cobb

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CSBRG-0006-00(325)

COUNTY: Cobb

DATE: January 2007

ESTIMATED LETTING DATE: Feb '08

PREPARED BY: Merishia Robinson

PROJECT LENGTH: 0.13 mi

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY: (PFA)	
1. PROPERTY (LAND & EASEMENT)	\$0.00
2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0	\$0.00
3. OTHER COST (ADM./COST, INFLATION)	\$0.00
SUBTOTAL: A	LGPA
B. REIMBURSABLE UTILITIES: (PFA)	
1. SERVICES	\$0.00
SUBTOTAL: B	LGPA
CONSTRUCTION	
C. MAJOR STRUCTURES	
1. BRIDGES (34' X 100' bridge)	\$500,000.00
SUBTOTAL: C	\$500,000.00

D. GRADING	
1. EARTHWORK	
a. BORROW	\$10,000.00
b. EXCAVATION	\$5,000.00
2. REMOVAL OF EXISTING BRIDGE	\$100,000.00
SUBTOTAL: D	\$115,000.00
E. BASE AND PAVING	
1. CONCRETE PAVING	
a. APPROACH SLABS	\$24,000.00
2. ASPHALT PAVING	\$21,000.00
SUBTOTAL: E	\$45,000.00
F. LUMP ITEMS	
1. TRAFFIC CONTROL	\$40,000.00
2. EROSION CONTROL	\$35,000.00
SUBTOTAL: F	\$75,000.00
G. SIGNING & STRIPING	
1. SIGNING	
a. SIGNS	\$300.00
b. POSTS	\$150.00
SUBTOTAL: G-1	\$450.00

Project Concept Report page: 9
Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

2. STRIPING	
1. 5 IN WHITE SOLID	\$1,000.00
3. 5 IN DOUBLE YELLOW SOLID	\$900.00
SUBTOTAL: G-2	\$1,900.00
3. GUARDRAIL	\$7,500.00
SUBTOTAL: G-3	\$7,500.00
SUBTOTAL: G	\$9,850.00

Project Concept Report page: 10
 Project Number: CSBRG-0006-00(325)
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 County: Cobb

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	LGPA
B. REIMBURSABLE UTILITIES	LGPA
CONSTRUCTION	
C. MAJOR STRUCTURES	\$500,000.00
D. GRADING AND EARTHWORK	\$115,000.00
E. BASE AND PAVING	\$45,000.00
F. LUMP ITEMS	\$75,000.00
G. SIGNING & STRIPING	\$9,850.00
SUBTOTAL CONSTRUCTION COST	\$744,850.00
E. & C. (10%)	\$74,485.00
TOTAL CONSTRUCTION COST	\$815,335.00

Project Concept Report page: 11
Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

NOTICE OF LOCATION AND DESIGN APPROVAL

CSBRG-0006-00(325), COBB COUNTY

P. I. NO. 0006325

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

The date of location approval is _____

The purpose of this project, which is located in a Historic District in Cobb County, Land Lots 170, 171, 190 and 191, is to improve the safety of the section of CR 1782/Concord Road over Silver Comet Trail. Improvements will help improve access to the area, increase load capacity and lower the accident rates along this corridor of CR 1782/Concord Road.

The 0.13 mile project consists of constructing a 34' x 100' bridge, which will include (2) 11-foot travel lanes with 6-foot shoulders (2-foot paved and 4-foot grassed). The roadway improvements are limited to approximately 150-feet north and south approaching the proposed bridge.

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

Jeff Woodward, Area 2 Engineer
Georgia Department of Transportation
862 Barnes Mill Road
Marietta, Georgia 30062
E-mail: jeff.woodward@dot.state.ga.us
Phone: (770) 528-3238

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:

Mike A. Lobdell, Project Manager
Georgia Department of Transportation
5025 New Peachtree Road
Chamblee, Georgia 30341
E-mail: mike.lobdell@dot.state.ga.us
Phone: (404) 463-4947

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.

Project Concept Report page: 12
Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CSSTP-0006-00(325), Cobb County
CR 1782/Concord Road over
Silver Comet Trail
P. I. No. 0006325

OFFICE: Chamblee\Metro
DATE: November 16, 2006

FROM: Merishia Robinson

TO: Files

SUBJECT: *Initial Concept Team Meeting*

On November 16, 2006, an Initial Concept Team Meeting was held in the Preconstruction Conference Room located at the Old Archives Building, 330 Capitol Avenue, Atlanta, GA 30034.

Attendees: Jeff Carr, GDOT, Environment/Location
Ralph Allen, GDOT, Bridge Design
Brian Summers, GDOT, Engineering Services
Daniel Gethi, GDOT, District 7 Design
Daniel McDuff, Cobb County (PBS&J)
Jerry Milligan, GDOT, R/W
Scott Lee, GDOT, District 7 Design
Clyde Cunningham, GDOT, District 7 Utilities
Alex Laffey, GDOT, District 7 Traffic Operations
Zanda Montgomery, GDOT NEPA, District 7

During the meeting, Scott Lee stated the purpose of this meeting would be for us to get insight on what path to take in coming to a final decision on the parameters of the project. Considering that the bridge to be replaced is located within the Historic District but not eligible to be considered historic itself, GDOT has come up with a couple of possible alternatives but we need advice from the Environmentalist as well as the Bridge Office on what will be acceptable. Scott Lee also stated that the vertical and horizontal curves on the northbound approach are a concern with our office. He also stated that it will be impossible for us to leave roadway conditions as they currently exist, but in correcting the curves we will impact the historic/environmental aspect of the area. He then asked for suggestions for alternatives to minimize environmental impacts. Brian Summers stated that he helped design another bridge over Silver Comet Trail that had

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Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb

some of the same issues that this project is facing and suggested exploring the idea of using weathering steel and placing abutments to place a one span bridge. He stated that this would keep the Historic District happy with the project aesthetically. Other ideas that were discussed were:

1. Making the bridge as narrow as possible and including bike lanes – Cobb County may want to consider removing this road from the Bike Route System.
2. Placing enough room for sidewalks on one side of the bridge
3. Look at the bridge replaced over Cooper Lake Road – where weathering steel was used
4. Cobb County wants to limit the work to just the bridge but minimal work will have to be done on the roadway to correct the substandard vertical and horizontal curve – therefore, the design speed for the curves will be reduced to 25 mph.

Jeff Carr, GDOT Historian, stated that the State Historic Preservation Office (SHPO) would most likely give a No Adverse Effect, as long as the Department is able to show that it tried to avoid impacting the area as much as possible. It was then suggested that a meeting be set up between SHPO representatives and District 7 Design team. Jeff Carr said that he would contact SHPO and get back with Scott Lee on when they would be available. The meeting was then adjourned.

MKR

Project Concept Report page: 14
Project Number: CSBRG-0006-00(325)
P. I. Number: 0006325
County: Cobb



Department of Transportation

HAROLD E.
COMMISSIONER
(404) 656-5206

DAVID E. STUDSTILL,
CHIEF ENGINEER
(404) 656-5277

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

BUDDY GRATTON, P.E.
DEPUTY
(404) 656-5212

EARL L. MAHFUZ
TREASURER
(404) 656-5224

FILE: CSSTP-0006-00(325), Cobb County
CR 1782/Concord Road over
Silver Comet Trail
P. I. No. 0006325

OFFICE: Chamblee\Metro
DATE: January 19, 2007

FROM: Lowell James

TO: Merishia Robinson – GDOT/D7 Design
Roger E. Henry – Cobb County DOT
Jeff Carr – GDOT/OEL – Historian
Dave Garrett – Cobb County DOT
David A. Jackson – Cobb County DOT
Scott Lee – GDOT/D7 Design
Mike Lobdell – GDOT/D7 Design
Tony Belcher – GDOT/Bridge Design
Charles Stewart – GDOT/D7 Utilities
Zanda Montgomery – GDOT/D7 Environmentalist
Jerry Milligan – GDOT/D7 Right of Way
Harry Graham – GDOT/D7 Traffic Ops

SUBJECT: Concept Team Meeting

The Concept Team meeting for project CSBRG-0006-00(325) was held at 1:30 pm on Thursday, January 11, 2007 at the GDOT District Seven Office in the 2nd floor conference room.

Merishia Robinson, the Designer provided concept reports and a preliminary layout showing the proposed improvements for the project. Merishia began meeting by giving a summary of the project layout.

The project layout showed 6-ft. paved shoulders. Scott Lee inquired about the shoulder width. It was concluded that the shoulder width should be 6-ft paved on the bridge and taper to 2-ft. paved for the travel way.

The conversation regarding the shoulder lead to the question of guardrail; would warranted guardrail extend beyond the length of the project limits. Also suggested was the use of straight anchors in efforts to minimize the adverse effect of shoulder width to the environment. Merishia Robinson agreed to incorporate ideas and changes into plans.

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Scott Lee and other attendees asked about the bike lanes along Concord Road; the concern again being limiting the impacts to the environment. David Jackson of Cobb County suggested that the bike route be revised to end at the Silver Comet Parking Lot (North of Concord Bridge).

Roger Henry warned, by way of past experiences, that the project schedule needed to be advanced quickly, as bridge is in "bad shape".

Mike Lobdell noted that since the Right of Way for this project is owned by Cobb County the proposed let date (from Merishia R. design schedule May '08) could be advanced to meet possible February '08.

David Jackson used an illustration to recommend the use of a custom culvert bridge. However, Jeff Carr said that such a facility would have an undesirable affect on the overall historic feel of the project.

After these discussions Merishia Robinson read through the Concept Report.

Mike Lobdell asked for accident data to be specified to particular location (the project area).

Harry Graham inquired about proposed speed design and the current posted speed listed on page 4 of the concept report. Merishia informed the group that proposed speed design was due to horizontal constraints. In her design she made efforts to keep the current alignment, which would be substandard for a 35mph, but the existing alignment meets the requirements for 25mph.

Harry Graham and Dave Garrett had no objection to posting a speed of 25 mph on Concord Road for the length of the project. Dave Garrett informed us that any change in speed limit requires a revision to the Cobb Radar/Speed Limit Ordinance. Therefore, he is not opposed to a speed limit reduction but a study will be required. If it is justifiable then it must be submitted to the Department for approval before the change can be implemented.

The attendees discussed in length the need for heavy Liquidated Damages to be specified for this project during the construction phase because the road will be closed.

The meeting concluded approximately at 3:00 pm.

MKR:LOJ

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County: Cobb

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. #0006325 OFFICE Environment/Location
FROM Jeff Carr[✓] DATE November 28, 2006
TO Files

SUBJECT GDOT Project CSBRG-0006-00(325), Cobb County:
P.I. #0006325 and HP #060130-001: Meeting Notes

On November 22, 2006, a meeting was held between the Georgia Department of Transportation (GDOT) and the Georgia Department of Natural Resources, Historic Preservation Division (HPD). Attendees included the following:

Richard Cloues, HPD
Amanda Schraner, HPD
Scott Lee, GDOT, District 7
Lowell James, GDOT, District 7
Merishia Robinson, GDOT, District 7
Jeff Carr, GDOT, Environment/Location

GDOT Project CSBRG-0006-00(325) consists of the replacement of the structurally deficient one-lane timber stringer bridge on Concord Road over the Silver Comet Trail with a two-lane concrete bridge. The project would also widen the approaching roadway to match the bridge and correct a substandard vertical curve by adjusting the profile of the roadway by approximately one foot on either side of the bridge. While the bridge itself is not considered eligible for listing in the National Register, the project is located within the eligible Concord Bridge/Ruff's Mill Historic District, which was identified during Section 106 efforts associated with the East-West Connector project.

During the meeting, GDOT described the proposed project and the ways they planned to minimize the effects to the historic district. The project would be built at a design speed of 25 mph, instead of the preferred 35 mph, in order to reduce the amount of correction needed for the substandard vertical curve (the current posted speed limit is 35 mph). The width of the bridge and the approaches would be kept as narrow as possible (two 11-foot lanes with 6-foot sidewalks) in order to reduce the amount of required additional right-of-way, to minimize the removal of vegetation along the roadway, and to preserve the look and narrowness of the existing

roadway, which is currently comprised of two 11-foot lanes with 6-foot rural shoulders. While some pine trees and understory vegetation would be removed, most would be young vegetation in close proximity to the existing roadway. In order to blend better with the surrounding environment, the proposed bridge would receive a faux wood and stone treatment, similar to the bridge on Concord Road over the East-West Connector, which is located less than 0.1 mile north of the bridge to be replaced. In addition, the bridge would be constructed as a single span over the Silver Comet Trail (a National Register-eligible historic property) in order to maintain the current slopes on either side of the old rail line and to avoid impacting the historic rail bed. GDOT is also exploring the possibility of recreating a faux wooden substructure under the proposed bridge, possibly reusing the existing bridge's wooden substructure, in order to maintain the current setting and feeling along the Silver Comet Trail.

HPD was satisfied with GDOT's efforts to design a context-sensitive bridge and to minimize the project's anticipated effects to the Concord Bridge/Ruff's Mill Historic District and the Silver Comet Trail. They agreed that a finding of Conditional No Adverse Effect is anticipated for the project based on the special design of the proposed bridge and the minimization efforts.

Also discussed during the meeting were the potential indirect effects to the Concord Covered Bridge, which is located approximately 0.2 mile south of the bridge to be replaced. GDOT and HPD were in agreement that the replacement of the one-lane bridge over the Silver Comet Trail with a two-lane bridge would not result in increased traffic speed or volume approaching the Concord Covered Bridge. The proposed design speed of the project is 25 mph, 10 mph fewer than the current posted speed and preferred design speed. Furthermore, the bridge to be replaced does not currently act like a buffer to the covered bridge because there is enough distance between the bridges that traffic can accelerate to the posted speed limit before reaching the covered bridge. Also, no change in traffic patterns is anticipated as a result of project implementation. No additional access to the existing transportation facility would be provided and no existing access to the facility would be removed. The proposed project would not increase the capacity of the existing roadway. The Concord Covered Bridge would continue to act as a bottleneck on the roadway, and traffic volume would not increase. Therefore, project implementation is not anticipated to indirectly affect the Concord Covered Bridge.

JTC/

cc: Robert M. Callan, P.E., FHWA (Attn: Jennifer Giersch)
W. Ray Luce, Deputy SHPO
Scott Lee, GDOT, District 7
Lowell James, GDOT, District 7
Merishia Robinson, GDOT, District 7
Zanda Montgomery, GDOT NEPA, District 7

Concord Rd @ Silver Comet Trail Bridge, 01/01/04 - 12/31/06, Accident Data

Year	Road On	Road At	Veh.	Inj.	Fatal	Movt Veh1	Movt Veh2	Surf.	Collision Description
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Sideswipe
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Rear End
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Negotiating a Curve	Stopped	Dry	Rear End
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Sideswipe
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Rear End
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Head On
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Backing	Stopped	Dry	Other (Backing)
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Head On
2004	Concord Rd	Silver Comet Trail Bridge	2	2	0	Straight	Straight	Dry	Sideswipe
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Rear End
2004	Concord Rd	Silver Comet Trail Bridge	1	0	0	Negotiating a Curve	Negotiating a Curve	Wet	Struck Fixed Object
2004	Concord Rd	Silver Comet Trail Bridge	2	0	0	Negotiating a Curve	Negotiating a Curve	Wet	Rear End
			2004 Subtotal	23	2	0		2004 Total Accidents:	12
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Head On
2005	Concord Rd	Silver Comet Trail Bridge	1	0	0	Negotiating a Curve		Wet	Struck Fixed Object
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Rear End
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Wet	Sideswipe
2005	Concord Rd	Silver Comet Trail Bridge	1	0	0	Straight		Wet	Struck Fixed Object
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Negotiating a Curve	Negotiating a Curve	Dry	Rear End
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Rear End
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Head On

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Concord Rd @ Silver Comet Trail Bridge, 01/01/04 - 12/31/06, Accident Data

Year	Road On	Road At	Veh.	Inj.	Fatal	Most Veh1	Most Veh2	Surf.	Collision Description
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Rear End
2005	Concord Rd	Silver Comet Trail Bridge	2	0	0	Negotiating a Curve	Stopped	Wet	Rear End
			2005 Subtotal	18	0	0	2005 Total Accidents: 10		
2006	Concord Rd	Silver Comet Trail Bridge	2	2	0	Negotiating a Curve	Negotiating a Curve	Wet	Head On
2006	Concord Rd	Silver Comet Trail Bridge	2	1	0	Straight	Straight	Wet	Sideswipe
2006	Concord Rd	Silver Comet Trail Bridge	1	0	0	Straight	Straight	Wet	Struck Fixed Object
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Head On
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Sideswipe
2006	Concord Rd	Silver Comet Trail Bridge	3	1	0	Straight	Stopped	Wet	Rear End
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Negotiating a Curve	Negotiating a Curve	Dry	Sideswipe
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Wet	Head On
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Sideswipe
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Straight	Dry	Rear End
2006	Concord Rd	Silver Comet Trail Bridge	2	0	0	Straight	Stopped	Dry	Sideswipe
			2006 Subtotal	22	4	0	2006 Total Accidents: 11		
			All Year(s) Total	63	6	0	All Year(s) Total Accidents: 33		