

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006324, Douglas County **OFFICE** Preconstruction
CSBRG-0006-00(324)
CR 201 Bridge Replacement over Mobley Creek **DATE** August 21, 2006

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

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keeper
Ken Thompson
Michael Henry
Keith Golden
Joe Palladi
Paul Liles
Bryant Poole
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0006324, Douglas County **OFFICE** Preconstruction
 CSBRG-0006-00(324)
 CR 201 Bridge Replacement over Mobley Creek **DATE** August 15, 2006

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on Mason Creek Road/CR 201 over Mobley Creek, 4.5 miles southwest of Douglasville, Georgia. The existing bridge, constructed in 1936, is load limited with a sufficiency rating of 12. County Road 201 at this location is a rural two lane roadway with 11.5' travel lanes with rural shoulders. This section is functionally classified as a rural local road. Traffic is projected to be 2,100 VPD and 3,110 VPD in the years 2008 and 2018 respectively.

The construction proposes to construct a new 70' x 40' concrete bridge over Mobley Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 8' rural shoulders (2' paved). Traffic will be maintained during the construction utilizing an off-site detour.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing open house is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$1,165,000	\$310,000	L110	2008
Right-of-Way & Utilities*	Local	Local		

*LGPA sent requesting Douglas County do right-of-way and private utilities 9-2-04.

David Studstill

Page 2

P. I. No. 0006324, Douglas

August 15, 2006

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

MBP:JDQ/cj

Attachment

CONCUR


Buddy Gratton, P.E., Director of Preconstruction

APPROVE


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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CSBRG-0006-00(324) Forsyth **OFFICE:** Engineering Services
P.I. No. 0006324
Bridge Replacement Mason Creek Road over Mobley Creek

DATE: August 3, 2006

FROM:  Brian K. Summers, P.E., Project Review Engineer

TO: Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report received July 28, 2006 from Abraham NeBiat, and have the following comments.

The first Need and Purpose paragraph had some incorrect verbiage. The following would be more appropriate.

The need for the proposed improvement is to replace the structurally deficient bridge on Mason Creek Road over Mobley Creek. The bridge has a sufficiency rating of 12.25 and all components are in poor condition. The purpose of the project is to improve the safety of the roadway and bridge by replacing the substandard bridge to meet current design standards. In accordance with NBIS (National Bridge Inspection Standards), a bridge is considered to be non-deficient when the sufficiency rating is greater than 80. The proposed bridge replacement will raise the sufficiency rating above 80.

The costs for this project are:

Construction	\$1,008,716
Inflation	\$50,436
E & C	\$105,915
Right of Way	\$0 (Douglas Co.)

BKS

c: Bryant Poole, Attn.: Abraham NeBiat

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

PROJECT CONCEPT REPORT

Mason Creek/CR 201 Bridge Replacement over Mobley Creek

Project Number: CSBRG-0006-00(324)

County: Douglas

P. I. Number: 0006324

Federal Route Number: N/A

State Route Number: N/A

County Route Number: CR201

Recommendation for approval:

DATE

7/26/06

Neil / Wm

Project Manager

DATE

7/27/06

Buy Hoole

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

Office of Financial Management Administrator

DATE

State Environmental/Location Engineer

DATE

State Traffic Safety & Design Engineer

DATE

8/3/06

Bob Kim

Project Review Engineer

DATE

State Bridge and Structural Design Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number: CSSTP-0006-00(324)		County: Douglas		PI No.: 0006324	
Report Date: July 25, 2006		Concept By: DOT Office: District 7			
<input checked="" type="checkbox"/> Concept Stage					
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 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				

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven

2006 JUL 27 2006

PROJECT CONCEPT REPORT

Mason Creek/CR 201 Bridge Replacement over Mobley Creek

Project Number: CSBRG-0006-00(324)

County: Douglas

P. I. Number: 0006324

Federal Route Number: N/A

State Route Number: N/A

County Route Number: CR201

Recommendation for approval:

DATE 7/26/06



Project Manager

DATE 7/27/06



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 8/1/06



State Transportation Planning Administrator

DATE _____

Office of 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 7 Preconstruction

8-1-06
VB
AS

**SR 120 (DALLAS HIGHWAY)
PEDESTRIAN IMPROVEMENTS - PHASE 1 & PHASE 2
PROJECT CONCEPT REPORT**

GDOT Project Number CM-0004-00(508) Phase 1
GDOT Project Number: CSSTP-0007-00(686) Phase 2

County: Cobb

P. I. Number: 0004508 Phase 1

P.I. Number: 0007686 Phase 2

Federal Route Number: N/A

State Route Number: 120

SEE PAGE 2 FOR PROJECT LOCATION MAP

Recommendation for approval:

DATE 7/31/06

Mark T. ...
Project Manager

DATE 8/1/06

Ben ...
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 8/2/03

D. Simpson
State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

M
Comment

PROJECT CONCEPT REPORT

Project Number: CSBRG-0006-00(324)

County: Douglas

P. I. Number: 0006324

Federal Route Number: N/A

State Route Number: N/A

County Route Number: CR201

Recommendation for approval:

DATE _____

Project Manager

DATE _____

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 Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE 8/28/06

Paul V. Tilton, Jr.

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0006324 **OFFICE:** Environment/Location

DATE: August 31, 2006

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

TO: Margaret B. Pirkle, Assistant Director of Preconstruction

**SUBJECT: PROJECT CONCEPT REPORT
CSBRG-0006-00(324) / Douglas County
Bridge Replacement at CR 201/Mason Creek Rd. over Mobley Creek**

The above subject concept report has been reviewed. Page 6 indicates an off-site detour might be necessary. If so, a detour PIOH will be required.

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

HDK/lc

Attachment

cc: Brian Summers
Bryant Poole
Joe Palladi
Keith Golden
Jamie Simpson

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

PROJECT CONCEPT REPORT

Mason Creek/CR 201 Bridge Replacement over Mobley Creek

Project Number: CSBRG-0006-00(324)

County: Douglas

P. I. Number: 0006324

Federal Route Number: N/A

State Route Number: N/A

County Route Number: CR201

Recommendation for approval:

DATE 7/26/06



Project Manager

DATE 7/27/06



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).

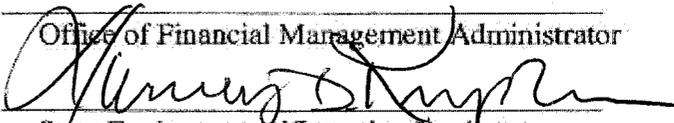
DATE _____

State Transportation Planning Administrator

DATE _____

Office of 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

NOTICE OF LOCATION AND DESIGN APPROVAL

CSBRG-0006-00(324)

P.I. No. 0006324

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 project lays entirely within Douglas County and within Land Lot 102 in Land District 2 and Section 5.

Date of Location and Design Approval: AUGUST 21, 2006

This project is a 0.3-mile BRIDGE REPLACEMENT (ID # 097-5018-0) over Mobley Creek on Mason Creek Road/CR 201.

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

Michael Lankford, Area III Engineer
Georgia Department of Transportation
940 Virginia Avenue
Hapeville, Georgia 30354
TEL: (404) 559-6655
FAX: (404) 559-4928
michael.lankford@dot.state.ga.us

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 Lobdell, P.E. District Preconstruction Engineer
Georgia Department of Transportation
5025 New Peachtree Road
Chamblee, GA 30341
TEL: (404) 463-4947
FAX: (770) 986-1022
mike.lobdell@dot.state.ga.us

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

PROJECT CONCEPT REPORT

Mason Creek/CR 201 Bridge Replacement over Mobley Creek

Project Number: CSBRG-0006-00(324)

County: Douglas

P. I. Number: 0006324

Federal Route Number: N/A

State Route Number: N/A

County Route Number: CR201

Recommendation for approval:

DATE 7/26/06

Neil / MM
Project Manager

DATE 7/27/06

Buy Hoole
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 _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

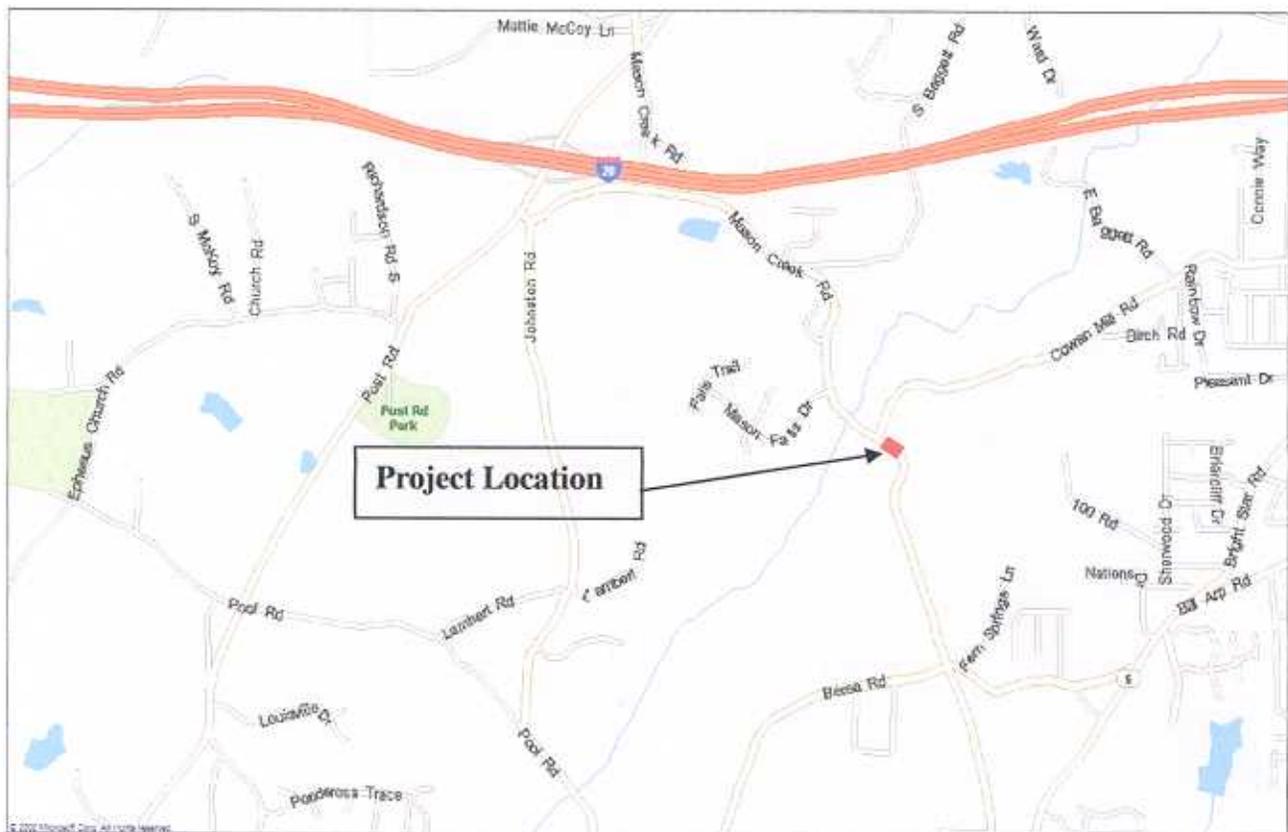
State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer



LOCATION MAP
PROJECT: CSBRG-0006-00(324)
PI. No.: 0006324

Project Concept Report page: 3
Project Number: CSBRG-006-00(324)
P. I. Number: 0006324
County: Douglas

Need and Purpose: The need of the proposed improvement is due to the bridge being classified as functionally obsolete with a sufficiency rating of 12.25 and structural evaluation of 2. The purpose of this project is to improve the safety of the roadway by replacing the substandard superstructure to meet current design standards. Thus, according to the NBIS (National Bridge Inspection Standards) requirement a bridge is considered in stable condition when the rating of sufficiency is above 50 and the entire NBIS requirement are satisfied.

CR 201/Mason Creek Rd at Mobley Creek in Douglas County is functionally classified as a rural local road. The subject roadway is not under the ARC Bicycle and Pedestrian Plan, thus no bike or pedestrian facility will be applied. The existing bridge has two 11.5-foot-wide lanes with a posted speed of 45 MPH. However, the county is in process of reducing the speed limit to 35 MPH throughout CR 201/Mason Creek Road due to the geometry of the roadway. The design year 2008 traffic counts is 2,100 AADT and the projected traffic is 3,110 AADT in 2028. The subject route has an estimated 2% trucks and a LOS (Level of Service) A and B. The existing structure is 40 feet long with 25 feet wide deck.

Description of the proposed project: The proposed project will be a replacement of an existing bridge (ID. # 097-5018-0) on CR 201/Mason Creek Road over Mobley Creek located in the County of Douglas, Congressional District 8, Land District 2, Section 5, and Land Lot 102. The project is located in a non-attainment area with a total length of 0.32 miles. The limits of the project are from BMP (beginning mile post) 1.85 to EMP (ending mile post) 2.17. The existing bridge will be replaced by a bridge that will be 40-feet wide consisting of two twelve foot lane with eight foot shoulders on both sides. The elevation of the proposed bridge will be raised, this will correct the sight distance at the intersection of CR 201/Mason Creek Rd. and Cowan Mill Road.

Project Concept Report page: 4
Project Number: CSBRG-006-00(324)
P. I. Number: 0006324
County: Douglas

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

The proposed concept matches the conforming model's description. The project proposes to replace the existing bridge with a structurally adequate bridge. The current lane configuration will not be altered however traffic will be detoured during construction.

PDP Classification: Major Minor

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

Functional Classification: Rural, Local Road

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

State Route Number(s): N/A

Traffic (AADT): CR 201/Mason Creek Road
Current Year: (2008) 2,100

Design Years: (2028) 3,110

Existing design features:

- Typical Section: Two, 11.50 foot lanes. One lane each direction, with 1 foot rural shoulders.
- Posted speed: 45 mph Maximum curve: 2,000'
- Maximum grade: 8%
- Width of right of way: 50 feet (estimated)
- Major structures:
40' x 25' Bridge over Mobley Creek
Structure ID: 097-5018-0 Sufficiency Rating: 12.25
- Major interchanges or intersections along the project: N/A
- Existing length of roadway segment: 0.32 miles
- Mile Post Reference: Begin M.P. 1.85; End M.P. 2.14 CR 201/Mason Creek Road

Proposed Design Features:

- Proposed typical section(s): *The proposed roadway will consist of one 12' lane in each direction with 2' paved and 8 foot rural shoulder.*
- Proposed Design Speed Mainline: 35 MPH
- Proposed Maximum grade Mainline: 8% Maximum grade allowable 10 %.
- Proposed Maximum grade Side Street: N/A Maximum grade allowable: N/A
- Proposed Maximum grade driveway: Maximum degree allowable: N/A
- Proposed Minimum radius: 400' Maximum Radius allowable: 2000'
- Right of way
 - Width: 80-foot (estimated)
 - Easements: Temporary (), Permanent (X), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), other ().
 - Number of parcels: 6 Number of displacements:
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - Bridges: *The proposed bridge over Mobley Creek will be approximately 70' long and 40' wide.*
 - Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: *Detour of traffic will be applied.*
- 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: *None*
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),

Project Concept Report page: 6
Project Number: CSBRG-006-00(324)
P. I. Number: 0006324
County: Douglas

- Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
- Environmental Impact Statement (EIS) ().
- Utility involvements: (*Communications, Power, Gas, Petroleum, ITS, Railroads, etc.*)

Project responsibilities:

- Design: GDOT
- Right of Way Acquisition: Douglas County
- Relocation of Utilities: Douglas County
- Letting to contract: GDOT
- Supervision of construction: GDOT
- Providing material pits: Contractor
- Providing detours: Contractor

Coordination

- Initial Concept Meeting. *None*
- Concept meeting date and brief summary. *July 21, 2006*
- P. A. R. meetings, dates and results. - *None*
- FEMA, USCG, and/or TVA - *None*
- Public involvement. - *None*
- Local government comments. - *None*
- Other projects in the area. - *N/A*
- Other coordination to date. - *N/A*
- Railroads - *N/A*

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 8 Months.
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 5 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: *N/A Months.*

Other alternates considered: 1. No Build

Attachments:

1. Cost Estimate:
2. Accident Data
3. Typical sections,
4. Bridge inventory,
5. Location and Design Notice,
6. Concept Team Meeting Minutes

Attachment: 1

Estimate Report for file "CSBRG-0006-00(324)"

Section EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	571.95	TEMPORARY GRASSING	571.95
163-0240	2	TN	291.39	MULCH	582.78
165-0010	200	LF	1.61	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	322.00
165-0030	792	LF	2.05	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1623.60
171-0010	400	LF	2.46	TEMPORARY SILT FENCE, TYPE A	984.00
171-0030	1584	LF	4.09	TEMPORARY SILT FENCE, TYPE C	6478.56
700-6910	2	AC	871.61	PERMANENT GRASSING	1743.22
700-7000	1	TN	68.87	AGRICULTURAL LIME	68.87
700-7010	2	GL	18.58	LIQUID LIME	37.16
700-8000	1	TN	257.90	FERTILIZER MIXED GRADE	257.90
700-8100	50	LB	1.48	FERTILIZER NITROGEN CONTENT	74.00
Section Sub Total:					\$12,744.04

Section CONSTRUCTION/ROAD WAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	94422.07	TRAFFIC CONTROL -	94422.07
210-0100	1	LS	100000.00	GRADING COMPLETE -	100000.00
310-1101	3207	TN	28.50	GR AGGR BASE CRS, INCL MATL	91399.50
402-3112	550	TN	90.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	49500.00
402-3121	2170	TN	90.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	195300.00
402-3130	410	TN	90.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	36900.00
413-1000	173	GL	2.05	BITUM TACK COAT	354.65
433-1000	189	SY	165.87	REINF CONC APPROACH SLAB	31349.43
500-0100	1680	SY	6.29	GROOVED CONCRETE	10567.20
500-1006	58	LS	1029.36	SUPERSTR CONCRETE, CL AA, BR NO - 097-5018-0	59702.88
500-2100	77	LF	46.63	CONCRETE BARRIER	3590.51
511-3000	24390	LS	1.00	SUPERSTR REINF STEEL, BR NO - 097-5018-0	24390.00
520-1125	400	LF	47.34	PILING IN PLACE, STEEL H, HP 12 X 53	18936.00
520-4125	1	EA	0.85	LOAD TEST, STEEL H, HP 12 X 53	0.85
540-1101	1	LS	133290.75	REMOVAL OF EXISTING BR, STA NO -	133290.75
547-2012	163	LF	184.28	PILE ENCASEMENT, 12 IN PILE	30037.64
603-2024	2030	SY	45.35	STN DUMPED RIP RAP, TP 1, 24 IN	92060.50
603-7000	2030	SY	5.07	PLASTIC FILTER FABRIC	10292.10
641-1100	85	LF	56.44	GUARDRAIL, TP T	4797.40
641-1200	80	LF	17.11	GUARDRAIL, TP W	1368.80
641-5001	4	EA	613.33	GUARDRAIL ANCHORAGE, TP 1	2453.32
Section Sub Total:					\$990,713.60

Section SIGNING MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1031	17	SF	25.36	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	431.12
636-2070	35	LF	12.27	GALV STEEL POSTS, TP 7	429.45
653-1501	3240	LF	0.86	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2786.40
653-1502	1690	LF	0.84	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	1419.60
654-1001	42	EA	4.56	RAISED PVMT MARKERS TP 1	191.52
Section Sub Total:					\$5,258.09

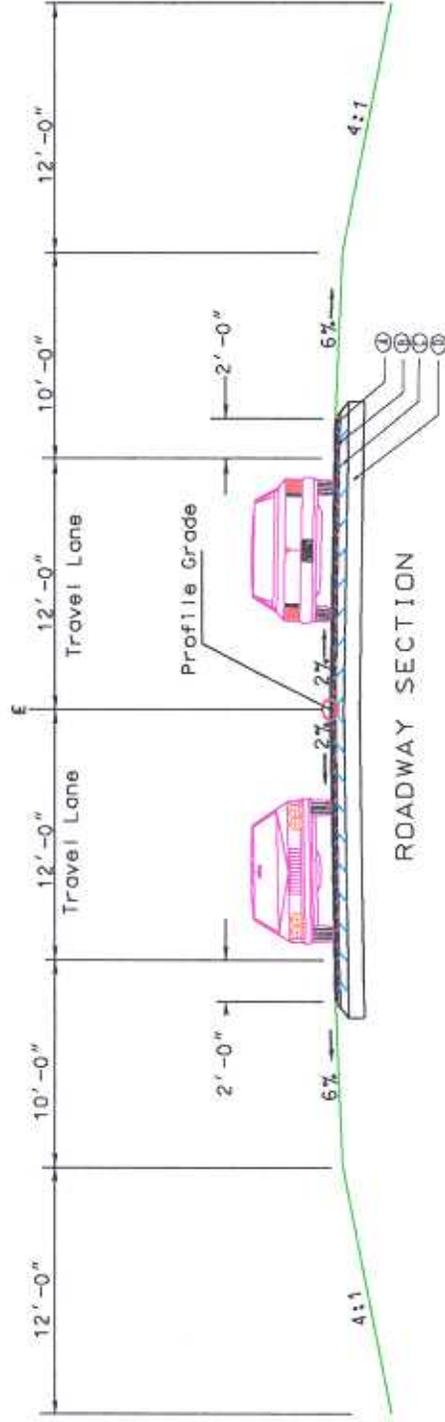
Total Estimated Cost: \$1,008,715.73

Accident data for Mason Creek/CR 201 over Mobley Creek
 For Year(s): 2002, 2003, 2004, and 2005
 CSBRG-0006-00(324)
 P.I. # 0006324
 Douglas County

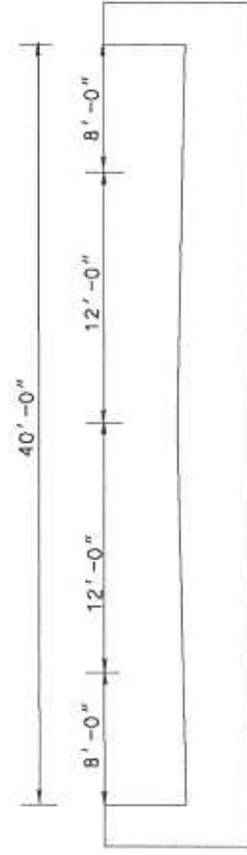
Year	County	Route Type	Route Number	Beginning Mile log	Ending Mile log	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
2002	Douglas	County Road	020100	1.84	2.17	2	2	2	0
					2002 Subtotal	2	2	2	0
2003	Douglas	County Road	020100	1.84	2.17	4	5	3	0
					2003 Subtotal	4	5	3	0
2004	Douglas	County Road	020100	1.84	2.17	4	6	4	0
					2004 Subtotal	4	6	4	0
2005	Douglas	County Road	020100	1.84	2.17	2	2	1	0
					2005 Subtotal	2	2	1	0
All Year(s) Total						12	15	10	0

Year	Route Type	Route	Mile Log	Intersecting Rt Type	Intersecting Rt	Inj.	Collision	Location of Impact	Surf.	MnvrVeh1	MnvrVeh2
2002	CR	'020100	2.07			1	Utility Pole	Off Roadway	Wet	Negotiating a Curve	
2002	CR	'020100	2.16			1	Tree	Off Roadway	Wet	Negotiating a Curve	
2003	CR	'020100	1.87	2	'020700	0	Rear End	On Roadway	Wet	Straight	Stopped
2003	CR	'020100	2.07			1	Ditch	Off Roadway	Dry	Negotiating a Curve	
2003	CR	'020100	2.07			2	Other Fixed Object	On Shoulder	Dry	Negotiating a Curve	
2003	CR	'020100	2.15			0	Overturn	Off Roadway	Wet	Negotiating a Curve	
2004	CR	'020100	1.87	2	'020700	1	Other Fixed Object	Off Roadway	Dry	Straight	
2004	CR	'020100	1.87	2	'020700	3	Angle	On Roadway	Wet	Straight	
2004	CR	'020100	2.07			0	Ditch	Off Roadway	Wet	Negotiating a Curve	
2004	CR	'020100	2.12			0	Sideswipe	On Roadway	Wet	Negotiating a Curve	
2005	CR	'020100	2.07			0	Mailbox	Off Roadway	Wet	Negotiating a Curve	
2005	CR	'020100	2.16			1	Utility Pole	Off Roadway	Dry	Negotiating a Curve	

PROPOSED TYPICAL SECTION
 MASON CREEK/CR 201 OVER MOBLEY CREEK
 CSBRG-0006-001324, DOUGLAS COUNTY



ROADWAY SECTION



BRIDGE SECTION

Attachment: 3

Bridge Inventory Data Listing

Georgia Department of Transportation.

Structure ID: 097-5018-0		Douglas		SUFF. RATING: 12.25	
Location & Geography			Signs & Attachments		
* Structure ID:	097-5018-0	* 104 Highway System:	0	225 Expansion Joint Type:	00
200 Bridge Information:	05	* 26 Functional Classification:	19	242 Deck Drains:	0
* 6A Feature Int:	MOBLEY CREEK TRIB.	* 204 Federal Route Type:	0 No. 00000	243 Parapet Location:	0.00
* 6B Critical Bridge:	0	105 Federal Lands Highway:	0	Height:	0.00
* 7A Route Number Carried:	CR00201	* 110 Truck Route:	0	Width:	0.00
* 7B Facility Carried:	MASON CREEK ROAD	206 School Bus Route:	1	238 Curb Height:	0.0
* 9 Location:	4.8 MI SW OF DOUGLASVILLE	217 Benchmark Elevation:	0000.00	Curb Material:	0
2 DOT District:	7	218 Datum:	0	230 Handrail:	2.2
207 Year Photo:	2005	* 19 Bypass Length:	07	* 240 Median Barrier Rail:	0
* 91 Inspection Frequency:	24 Date: 10/18/2005	* 20 Toll:	3	241 Bridge Median Height:	0.0
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* 21 Maintenance:	02	* Bridge Median Width:	0.0
92B Underwater Insp Freq:	00 Date: 2/1/1901	* 22 Owner:	02	230 Guardrail Loc. Dir. Rear:	0
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	* 31 Design Load:	0	Fwd:	0
* 4 Place Code:	00000	37 Historical Significance:	5	Oppo. Dir. Rear:	0
* 5 Inventory Route (O/U):	1	205 Congressional District:	08	Oppo. Fwd:	0
Type:	4	27 Year Constructed:	1936	244 Approach Slab:	0
Designation:	1	106 Year Reconstructed:	0000	224 Retaining Wall:	0
Number:	00201	33 Bridge Median:	0	233 Posted Speed Limit:	35
Direction:	0	34 Skew:	00	236 Warning Sign:	0
* 16 Latitude:	35 - 42.8 HMMS Prefix: 00	35 Structure Flared:	0	234 Delineator:	0
* 17 Longitude:	084 - 47.8 HMMS Suffix: 000 MP:0.00	38 Navigation Control:	0	235 Hazzard Boards:	1
98 Border Bridge:	000 % Shared: 00	213 Special Steel Design:	0	237 Utilities - Gas:	00
99 ID Number:	0000000000000000	267 Type of Paint:	5	Water:	00
* 100 STRAHNET:	0	* 42 Type of Service on:	1	Electric:	00
12 Base Highway Network:	1	Type of Service under:	5	Telephone:	00
1.3A I.R.S Inventory Route:	972020100	214 Movable Bridge:	0	Sewer:	00
1.3B Sub Inventory Route:	0	203 Type Bridge:	E M M O	247 Lighting - Street:	0
101 Parallel Structure:	N	259 Pile Encasement:	3	Navigation:	0
* 102 Direction of Traffic:	2	* 43 Structure Type Main:	4 02	Aerial:	0
* 264 Road Inventory Mile Post:	001.75	45 No. Spans Main:	003	* 248 County Continuity No.:	00
* 208 Inspection Area:	09 Initials: IMC	44 Structure Type Appr:	0 00		
Engineer's Initial:	jal	46 No. Spans Appr:	0000		
		226 Bridge Curve Horz:	0 Vert: 0		
		111 Pier Protection:	0		
		107 Deck Structure Type:	1		
* Location I.D. No.:	097-00201X-001.75N	108 Wearing Surface Type:	6		
		Membrane Type:	0		
		Deck Protection:	0		

Programming Data		Measurements		Ratings	
201 Project No.:	COUNTY DESIGN: * 29	ADT:	001530 Year: 2004	65 Inventory Rating Method:	1
202 Plans Available:	0	109 % Trucks:	0	63 Operating Rating Method:	1
249 Prop. Proj. No.:	BRG-0006-00 (324)	* 28 Lanes On:	02 Under: 00	66 Inventory Type:	2 Rating: 11
250 Approval Status:	0 0 0 0	210 No. Tracks On:	00 Under: 00	64 Operating Type:	2 Rating: 23
251 P.I. No.:	0006324	* 48 Max. Span Length:	0014	231 Calculated Loads	
252 Contract Date:	2/1/2008	* 49 Structure Length:	40	H-Modified:	21 0
260 Seismic No.:	00000	51 Br. Rwdy. Width:	23.00	HS-Modified:	30 0
75 Type Work:	31 1	52 Deck Width:	25.00	Type 3:	33 0
94 Bridge Imp. Cost:	\$41	* 47 Tot. Horiz. Cl:	23.00	Type 3s2:	40 0
95 Roadway Imp. Cost:	\$141	50 Curb / Sidewalk Width:	0.00 / 0.00	Timber:	37 0
96 Total Imp Cost:	\$207	32 Approach Rdwy. Width:	020	Piggyback:	00 0
76 Imp. Length:	001360	* 229 Shoulder Width:		261 H Inventory Rating:	31
97 Imp. Year:	1990	Rear Lt:	5.0 Type: 8 Rt: 5.0	262 H Operating Rating:	53
114 Future ADT:	002295 Year: 2024	Fwd Lt:	5.0 Type: 8 Rt: 5.0	67 Structural Evaluation:	2
		Pavement Width:		58 Deck Condition:	7
		Rear:	20.0 Type: 2	59 Superstructure Condition:	4
		Intersection Rear:	0 Fwd: 1	* 227 Collision Damage:	0
215 Waterway Data		36 Safety Features Br. Rail:	3	60A Substructure Condition:	4
Highwater Elev.:	0000.0 Year: 1900	Transition:	0	60B Scour Condition:	7
Flood Elevation:	0000.0 Freq: 00	App. G. Rail:	0	60C Underwater Condition:	N
Avg. Streambed Elev.:	0000.0	App. Rail End:	0	71 Waterway Adequacy:	7
Drainage Area:	00000	53 Minimum Cl. Over: 99' 99"		61 Channel Protection Cond.:	7
Area of Opening:	000000	Under:	N 00' 00"	68 Deck Geometry:	3
113 Scour Critical:	U	* 228 Minimum Vertical Cl:		69 UnderCl. Horiz/Vert:	N
216 Water Depth:	00.2 Br. Height: 10.3	Act. Odm. Dir.:	99' 99"	72 Appr. Alignment:	6
222 Slope Protection:	3	Oppo. Dir.:	99' 99"	62 Culvert:	N
221 Spur Dikes Rear:	0 Fwd: 0	Posted Odm. Dir.:	00' 00"		
219 Fender System:	0	Oppo. Dir.:	00' 00"		
220 Dolphin:	0	55 Lateral Undercl. Rt:	N 99 9	Posting Data	
223 Culvert Cover:	000	56 Lateral Undercl. Lt:	0.0	70 Bridge Posting Required:	5
Type:	0	* 10 Max Min Vert Cl:	99' 99" Dir: 0	41 Struct Open, Posted, CL:	p
No. Barrels:	0	39 Nav Vert Cl:	000 Horiz: 0000	* 103 Temporary Structure:	T
* Width:	0.00 Height: 0.00	116 Nav Vert Cl. Closed:	000	232 Posted Loads	
* Length:	0 Apron: 0	245 Deck Thickness Main:	9.00	H-Modified:	10
265 U/W Insp. Area:	0 Diver: ZZZ	Deck Thick. Approach:	0.00	HS-Modified:	00
		246 Overlay Thickness:	2.50	Type 3:	12
Location I.D. No.:	097-00201X-001.75N	212 Year Last Painted:	Sup: 1996 Sub: 1926	Type 3s2:	21
				Timber:	16
				Piggyback:	00
				253 Notification Date:	2/1/1901
				258 Fed. Notify Date:	2/1/1901

Weight Limits

	10 T		16 T
	12 T		21 T

Attachment: 4

Concept Team Meeting Minutes
Bridge Replacement at Mason Creek/CR 201 over Mobley Creek
CSBRG-0006-00(324)
County: Douglas
P.I. Number: 0006324
July 21, 2006

Meeting notes from July 21, 2006 concept meeting at the District Seven Preconstruction Room, Archives Building for the Bridge Replacement at Mason Creek/CR 201 over Mobley Creek.

Attendees:

Mike Lobdell	GDOT-D7	(404) 463-4947
Nebiat Abraham	GDOT-D7	(404) 463-4947
Mike Coleman	GDOT-D7	(404) 463-4947
Charles Stewart	GDOT-D7	(404) 463-4954
Randy Hulsey	DOUGLAS COUNTY (DOT)	(770) 920-7508
Keary Lord	DOUGLAS COUNTY (DOT)	(678) 715-5377
Jerry Watkins	DOUGLAS COUNTY (DOT)	(770) 930-4945
Lee Maxfield	MAAI	(770) 489-7515
Lyonel Francois	MAAI	(770) 489-7596

Meeting Notes:

- Nebiat Abraham opened meeting and gave an overview of the project layout.
- Douglas County is working on reducing the speed limit from 45 MPH to 35 MPH to meet the AASTHO standard for the existing roadway configuration.
- Douglas County is planning on making the intersection of Cowan Mill Road @ Mason Creek Road an all way stop due to the sight distance issue.
- Randy Hulsey (Douglas County) addressed drainage issue. GDOT-D7 will evaluate existing drainage issue and determine if the proposed design will address problems.
- Douglas County will provide two options of route for detour during Construction to GDOT-D7. 1st option is closing Cowan Mill Road & 2nd is without closing Cowan Mill Road. GDOT-D7 will choose the appropriate one for the project and produce detour plans.
- Mike Lobdell (GDOT) asked about the LGPA; Mr. Randy said LGPA is not approved yet.
- Keary Lord (Douglas County) will provide the latest truck percentage data.
- GDOT-D7 will provide Douglas County with R.O.W cost estimate.
- Construction cost estimate needs to be updated.

Attachment: 6