

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0005571, Walker County **OFFICE** Preconstruction
BR-0005-00(571)
SR 136 over W. Chickamauga Creek –
Bridge Replacement **DATE** March 21, 2007

FROM *John J. [Signature]* Genetha Rice-Singleton, Assistant Director of Preconstruction

TO *for - [Signature]* 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
Kent Sager
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0005571, Walker County **OFFICE:** Preconstruction
BR-0005-00(571)
SR 136 over W. Chickamauga Creek -
Bridge Replacement **DATE:** March 8, 2007

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

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

SUBJECT: PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on SR 136 over W. Chickamauga Creek, 5.7 miles northwest of Lafayette, Georgia. The existing bridge, constructed in 1941, is load limited with a sufficiency rating of 32. State Route 136 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. This section of SR 136 is functionally classified as a rural major collector. Traffic is projected to be 3,000 VPD and 4,000 VPD in the years 2012 and 2032 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 300' x 40' concrete bridge over W. Chickamauga Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (4' paved). Traffic will be detoured via an on-site drainage structure and temporary detour road constructed parallel and north of the existing bridge.

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:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	\$2,969,000	\$2,969,000	LICO	LR
Right-of-Way	\$ 50,000	\$ 50,000	LICO	2008
Utilities*	\$ 120,000			

*Walker County signed LGPA for utilities 12-19-02; rescission letter sent to Walker County 12-15-05.

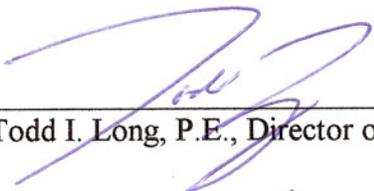
P. I. No. 0005571, Walker
March 8, 2007

I recommend this project concept be approved.

GRS:JDQ/cj

Attachment

CONCUR



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

APPROVE



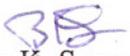
David E. Studstill, Jr., P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BR-0005-00(571) Walker County **OFFICE:** Engineering Services
P.I. No. 0005571
Bridge Replacement on SR 136 over W. Chickamauga Creek

DATE: February 22, 2007

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

TO: Genetha Rice-Singleton Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report received February 21, 2007 from Yun Tang, and have the following comments.

The right of way costs must be reviewed and approved by the Office of Right of Way.

The costs for this project are:

Construction	\$2,827,625
E & C	\$ 141,381
Reimbursable Utilities	\$ 120,000
Right of Way	\$ 49,800

BKS

c: Babs Abubakari, Attn.: Yun Tang

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BRST-0005-00(571)

County: Walker

Project P.I. Number: 0005571

Federal Route Number: N/A

State Route Number: 136

S.R. 136 Over Chickamauga Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: Feb 21, 2007

Yun Tang
Project Manager

Date: Feb 21, 2007

M. Babs Abubakari

This 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 Program (STIP).

Date: _____

State Transportation Planning Administrator

Date: 2-26-07

James T. Simpson
State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Safety and Design Engineer

Date: _____

District Engineer

Date: _____

State Project Review Engineer

Date: _____

Bridge Design

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0005571

OFFICE: Environment/Location

DATE: March 2, 2007

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

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**
BRST-0005-00(571) / Walker County
S.R. 136 over W. Chickamauga Creek Bridge Replacement

The above subject concept report has been reviewed. Project is located with NR eligible M^cLemore Cover. Possibly 4F concerns, but we need to assure that Design and Environmental work together to avoid adverse effect.

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

HDK:lc

Attachment

cc: Brian Summers
Babs Abubakari
Keith Golden
Angela Alexander
Jamie Simpson
Kent sager
Paul Liles

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BRST-0005-00(571)

County: Walker

Project P.I. Number: 0005571

Federal Route Number: N/A

State Route Number: 136

S.R. 136 Over Chickamauga Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: Feb 21, 2007

Yun Tang
Project Manager

Date: Feb 21, 2007

M. Babs Abubakari

This 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 Program (STIP).

Date: _____

State Transportation Planning Administrator

Date: _____

State Transportation Financial Management Administrator

Date: 3/2/07

[Signature]
State Environmental/Location Engineer

Date: _____

State Traffic Safety and Design Engineer

Date: _____

District Engineer

Date: _____

State Project Review Engineer

Date: _____

Bridge Design

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BRST-0005-00(571)

County: Walker

Project P.I. Number: 0005571

Federal Route Number: N/A

State Route Number: 136

S.R. 136 Over Chickamauga Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: Feb 21, 2007

Yun Tang
Project Manager

Date: Feb 21, 2007

M. Babs Abubakari

This 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 Program (STIP).

Date: _____

State Transportation Planning Administrator

Date: _____

State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Safety and Design Engineer

Date: _____

District Engineer

Date: _____

State Project Review Engineer

Date: 3/12/07

Paul V. Tiller Jr
Bridge Design

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BRST-0005-00(571)

County: Walker

Project P.I. Number: 0005571

Federal Route Number: N/A

State Route Number: 136

S.R. 136 Over Chickamauga Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: Feb 21, 2007

Yun Tang
Project Manager

Date: Feb 21, 2007

M. Babs Abubakari

This 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 Program (STIP).

Date: 3-9-07

Gayle S. Akwad
State Transportation Planning Administrator

**pending comments attached*

*INCLUDED IN
REPORT
JDL
3/14/07*

Date: _____

State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Safety and Design Engineer

Date: _____

District Engineer

Date: _____

State Project Review Engineer

Date: _____

Bridge Design

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BRST-0005-00(571)

County: Walker

Project P.I. Number: 0005571

Federal Route Number: N/A

State Route Number: 136

S.R. 136 Over Chickamauga Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: Feb 21, 2007

Yun Tang
Project Manager

Date: Feb 21, 2007

M. Babs Abubakari

This 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 Program (STIP).

Date: _____

State Transportation Planning Administrator

Date: _____

State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Safety and Design Engineer

Date: _____

District Engineer

Date: 2/22/07

[Signature]
State Project Review Engineer

Date: _____

Bridge Design

SCORING RESULTS AS PER MOG 2440-2

Project Number: BR-0005-00(571)		County: Walker		PI No.: 0005571	
Report Date: February 21, 2007		Concept By: DOT Office: OCD			
<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				

NOTICE OF LOCATION AND DESIGN APPROVAL

Project Name	Project Number	P.I. Number	County
SR136 Over Chickamauga Creek Bridge Replacement	BRST-0005-00(571)	0005571	Walker

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 and design approval is MARCH 21, 2007

Description of the Proposed Project:

This project is located in Walker County in the 10th U.S. Congressional District, in Land Lots 110, 111, 142, and 143 of the 8th District of the 4th Section of Walker County.

Description of the Proposed Construction:

The proposed bridge replacement on SR 136 over Chickamauga Creek will have a total length of approximately 1,650 linear feet with the existing bridge located near the center of the project. SR136 is currently signed at 55 mph and will be designed at that speed. The existing bridge has a length of 293'. The replacement bridge will have an approximate length of 300'. The alignment will remain in the existing location. An on-site detour bridge is proposed for this project.

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:

Devon Brooks, Area Engineer
Devon.brooks@dot.state.ga.us
313 North Tibbs Road
Dalton, GA 30720
Telephone: (706) 272-2211

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:

Kent Sager, District Engineer
Kent.sager@dot.state.ga.us
500 Joe Frank Harris Parkway
PO Box 10
Cartersville, GA 30120
Telephone (770) 387-3602

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**

INTERDEPARTMENT CORRESPONDENCE

FILE **PROJECT NUMBER: BRST-0005-00(571) PI No. 0005571**
Walker County
SR136 Over W Chickamauga Creek Bridge Replacement

M. Babs Abubakari

OFFICE Consultant Design

FROM Babs Abubakari, P.E., State Consultant Design and Program Delivery
Engineer

DATE February 21, 2007

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

Attached is the electronic copy of the Final Concept for your further handling and approval in accordance with the Plan Development Process (PDP).

Distribution:

Brian Summers -- State Project Review Engineer
Harvey Keeper -- State Environment/ Location Engineer
Keith Golden -- State Traffic Operations Engineer
Angela Alexander -- State Transportation Planning Administrator
Jamie Simpson -- State Transportation Financial Management Administrator
Kent Sagar -- District 6 Engineer
Paul Liles, Jr. -- State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BRST-0005-00(571)

County: Walker

Project P.I. Number: 0005571

Federal Route Number: N/A

State Route Number: 136

S.R. 136 Over Chickamauga Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: Feb 21, 2007

Yun Tang
Project Manager

Date: Feb 21, 2007

M. Babs Abubakari

This 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 Program (STIP).

Date: _____

State Transportation Planning Administrator

Date: _____

State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Safety and Design Engineer

Date: _____

District Engineer

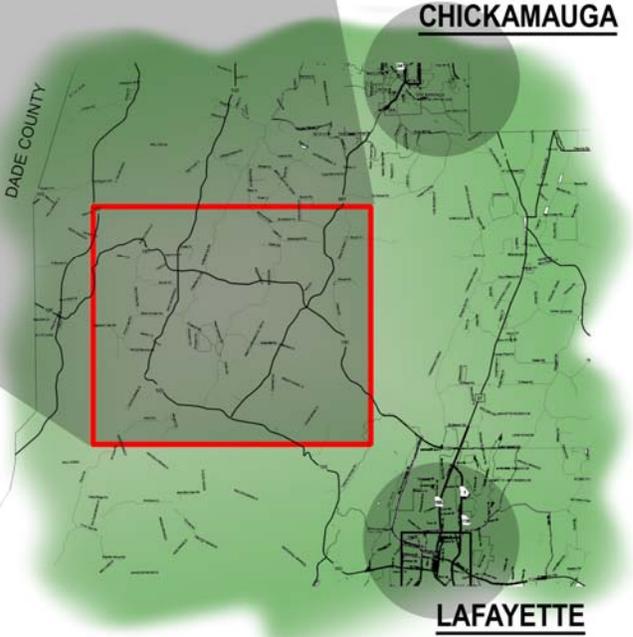
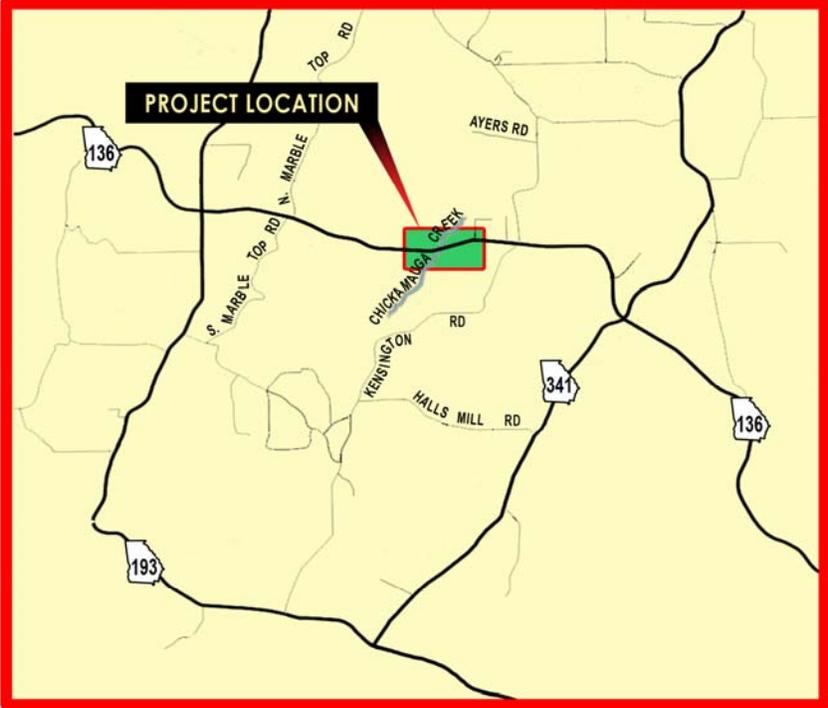
Date: _____

State Project Review Engineer

Date: _____

Bridge Design

SITE LOCATION MAP



Need and Purpose: Project BRST-0005-00(571) will provide for the replacement of a bridge on SR 136 over Chickamauga Creek in Walker County. The bridge is located 5.7 miles southwest of Lafayette.

The bridge meets GDOT’s policy 2405-1 requirements to be replaced. The policy allows bridges with a sufficiency rating below 50 and on the Highway Bridge Replacement Rehabilitation Program (HBRRP) list to be replaced. The bridge is on the required HBRRP list, and the bridge has a sufficiency rating of 32.06.

The AADT along SR 136 at the bridge was 2,460 in 2003 and is expected to be 3,200 AADT in 2030. The LOS along this section of roadway was B in 2003 and is expected to remain LOS B through 2030.

Other transportation plans were also reviewed to determine their involvement with the proposed bridge project. SR 136 is not a part of the GDOT’s Statewide Bicycle Plan. The route, however, is on a school bus route. The bridge project lies within the area of Project STP-184-1(6). Under Project STP-184-1(6), passing lanes will be added along SR 136 at various locations (see table below). Passing lanes will not be located on the bridge. The bridge project can be constructed independently of the passing lane project.

	Project #	Type of Work	Description	PE	ROW	CST
STP-184-1(6)	621650	Passing Lane	SR 136 - EB MP 21.4-22.8-25.7-26.6, WB 4.12-5.22-26.6-28.0	1992	LR	LR

Project BR-005-00(571) lies within Census Tracts 205.02 and 208. The total population in census tract 205.02 is 5,592 persons, 2.1% of the population is Black and 0.6% is Hispanic. There are 1,670 families living in this census tract and about 4.4% of the families live below the poverty level. The total population in census tract 208 is 3,015 persons, 8.4% of the population is Black and 0.5% is Hispanic. There are 1,138 families living in this census tract and about 12.2% of the families live below the poverty level. Land use in the area is mix residential, commercial, and manufacturing.

Description of the proposed project: The proposed bridge replacement on SR 136 over Chickamauga Creek will have a total length of approximately 1,650 linear feet with the existing bridge located near the center of the project. SR136 is currently signed at 55 mph and will be designed at that speed. The existing bridge has a length of 293’. The replacement bridge will have an approximate length of 300’. The alignment will remain in the existing location. An on-site detour bridge is proposed for this project.

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

PDP Classification: Major Project () Minor Project (X)

Project Designation: Full Oversight () Exempt (X) State Funded () Other ()

Functional Classification: Rural Major Collector

U.S. Route Number: N/A **State Route Number:** 136

Traffic (AADT – 2004 counts) – 2500 v.p.d.
Traffic Projections (AADT) – Base Year 2012 – 3000 v.p.d.

Traffic Projections (AADT) – Design Year 2032 – 4000 v.p.d.

Existing Design Features:

- SR 136 is a two-lane rural roadway with a 55 mph speed limit. The adjacent land use is mainly residential.
- Typical Section: Two 12-foot travel lanes with 2-foot unpaved shoulders. Slopes vary from 2:1 to 4:1.
- Posted Speed: 55 mph
- Maximum Radius: 5571 feet
- Maximum Grade (mainline): 0.43%
- Maximum Grade (driveway): 20%
- Width of Right-Of-Way: 80 feet
- Major Structures: Bridge, Structure ID 295-0010-0, 293’ long, 26.00’ deck width, 32.06 Suff. rating
- Major interchanges or intersections along the project: none
- Existing length of roadway segment: 0.26 miles

Proposed Design Features:

- Proposed Typical Sections: One 12-foot through lane in each direction with a 10-foot shoulder, 4-foot paved and 6-foot grassed. Slopes will vary from 2:1 in areas with guardrail to 4:1 in areas without guardrail.
- Proposed Design Speed: 55 mph
- Proposed Maximum Grade: 0.53%
- Maximum Grade Allowable: 9%
- Proposed Maximum Grade (Driveway): 25%
- Proposed Minimum Radius: 5374’
- Minimum Radius Allowable: 960’
- Right of Way
 - Width: Varies 80-165 feet
 - Easements: Temporary (X) Permanent () Utility () Other ()
 - Type of access Control: Full () Partial () By Permit (X) Other ()
 - Number of Parcels: 12
 - Number of Displacements:
 - Business: 0
 - Residences: 0
 - Mobile Homes: 0
 - Other: 0
- Structures: Bridge approximately 300 feet long and 42 feet-10 inches wide
- Major intersections and interchanges: N/A
- Traffic control during construction: An on-site detour is proposed for this project. All driveway access will be maintained during construction.
- 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 Site Distance			X
Super Elevation Rates			X
Horizontal Clearance			X
Speed Design			X
Vertical Clearance			X
Bridge Width			X
Bridge Structural Capacity			X

- Design Variances: None
- Environmental Concerns: Stream Crossing, Wetland Area
- Level of Environmental Analysis:
 - Are Time Saving Procedures appropriate? Yes () No (X)
 - Categorical Exclusion? Yes (X) No ()
 - Environmental Assessment/Finding of No Significant Impact – N/A
 - Environmental Impact Statement – N/A
- Utility Involvements:
 - Windstream Communications
 - Bellsouth
 - Georgia Power
 - Charter Communications
 - North Georgia EMC
 - Walker County Water
 - Battlefield Cable
 - City of Chickamauga
 - City of Lafayette

Project Responsibilities:

- Design – GDOT
- Right-of-Way Acquisition – GDOT
- Relocation of Utilities – GDOT
- Letting to Contract – GDOT
- Supervision of Construction – GDOT
- Providing Material Pits – Contractor
- Providing Detours – GDOT

Coordination

- Initial Concept Meeting Date: N/A
- Concept meeting date and brief summary: 12/8/06
- P.A.R meetings, dates and results: N/A
- FEMA, USCG and/or TVA: TBD
- Public Involvement: N/A
- Local Government Comments: TBD
- Other Projects in the area: None
- Other Coordination to date: None

Scheduling – Responsible Parties Estimate

Time to complete environmental process: 6 months

Time to complete preliminary construction plans: 2 month

Time to complete right-of-way plans: 1 month

Time to complete the Section 404 permit: 2 months

Time to complete final construction plans: 1 month

Time to complete the purchase of right-of-way: 6 months

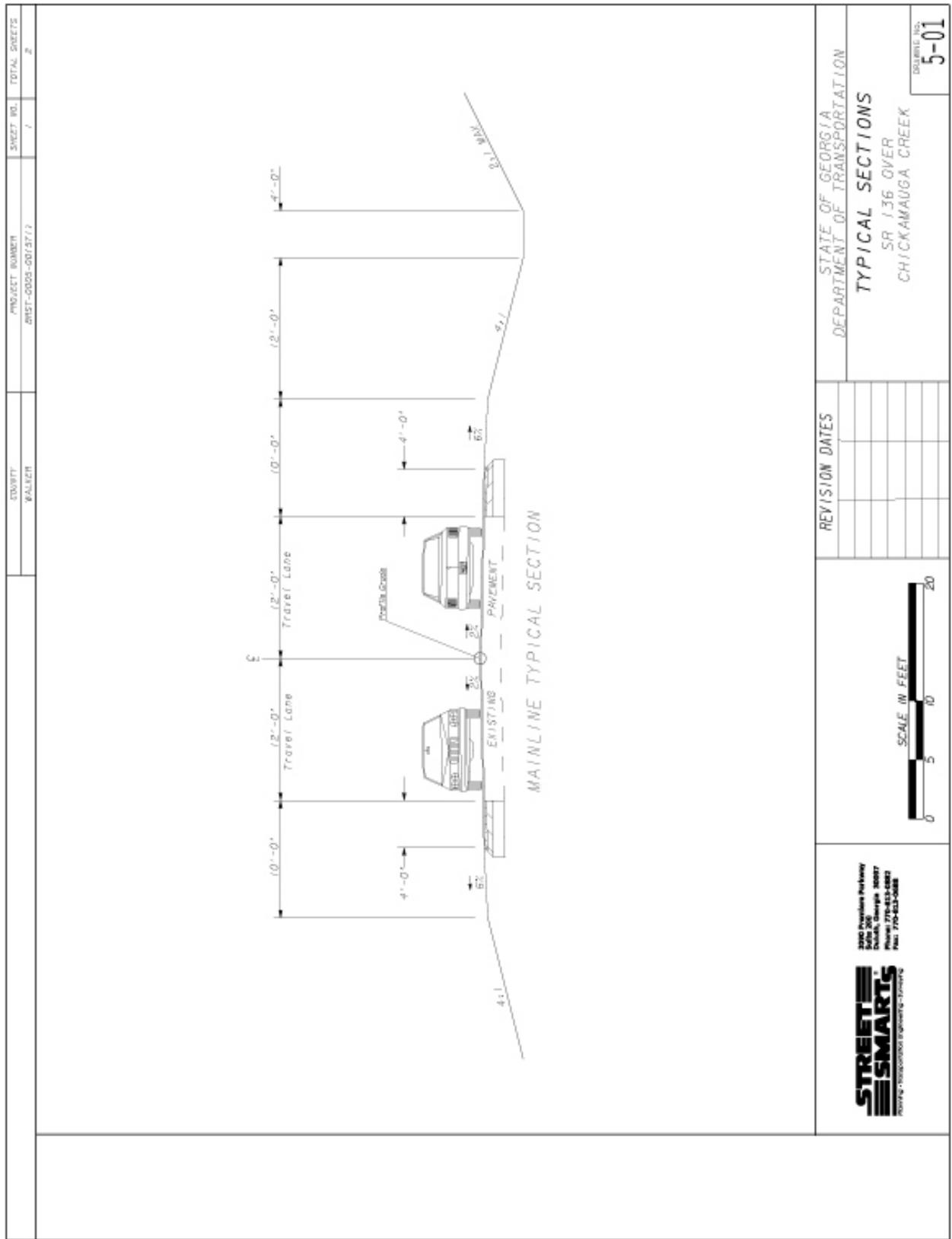
List other major items that will affect the project schedule: None

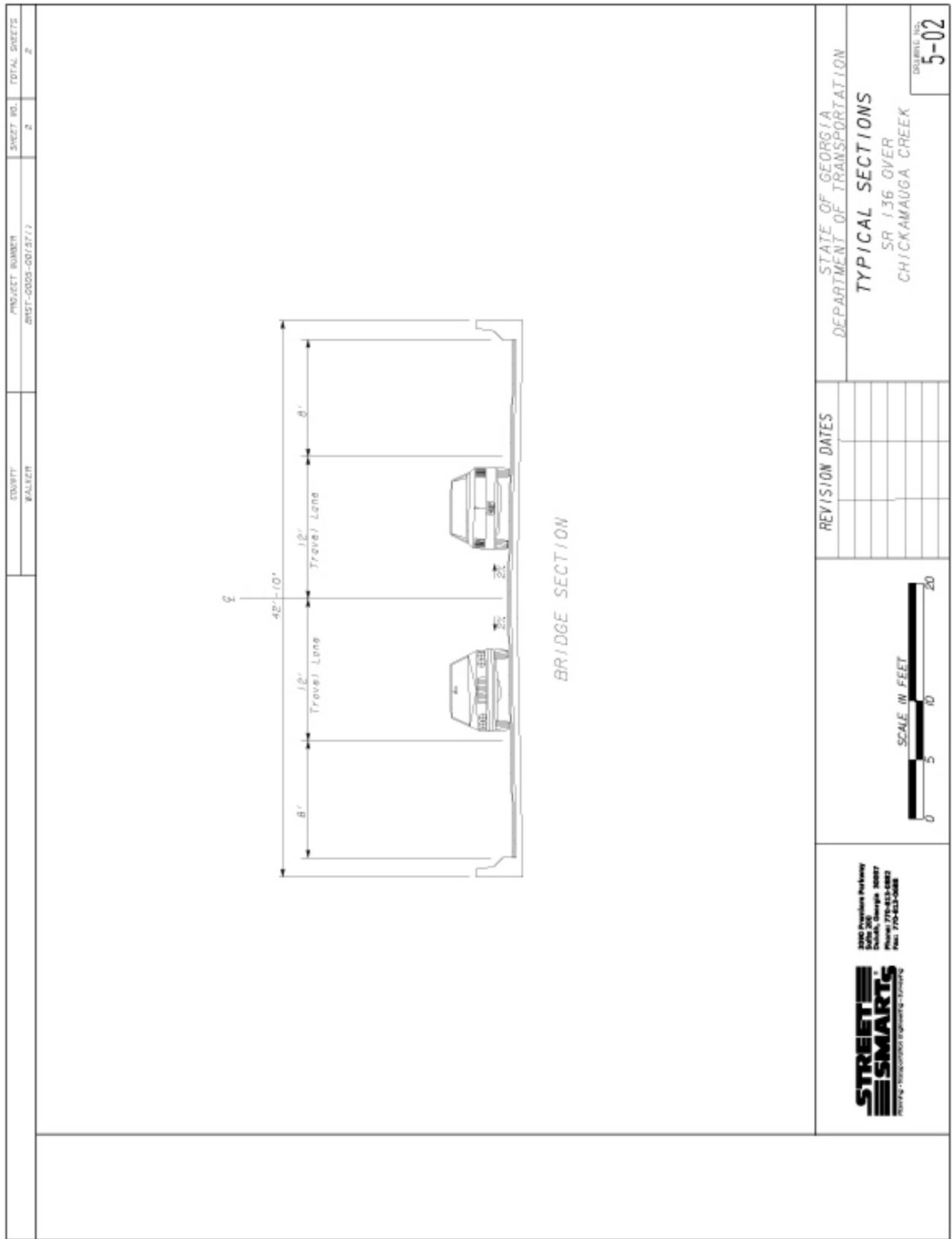
Other Alternates Considered:

1. No Build. The No Build option is not a viable one since it does not address the structural deficiencies in the bridge and therefore does not meet the need and purpose of the project
2. Realign SR 136 and build a new bridge parallel to the existing bridge. The existing alignment of SR136 has no sharp curves. Introducing two sets of reverse curves would decrease the safety of the roadway.

Attachments:

1. Roadway Typical Section
2. Bridge Typical Section
3. Concept Plan
4. Detour Concept Plan
5. Traffic Volumes
6. Bridge Inventory Data Listing
7. Cost Estimate
8. Notice of Location and Design





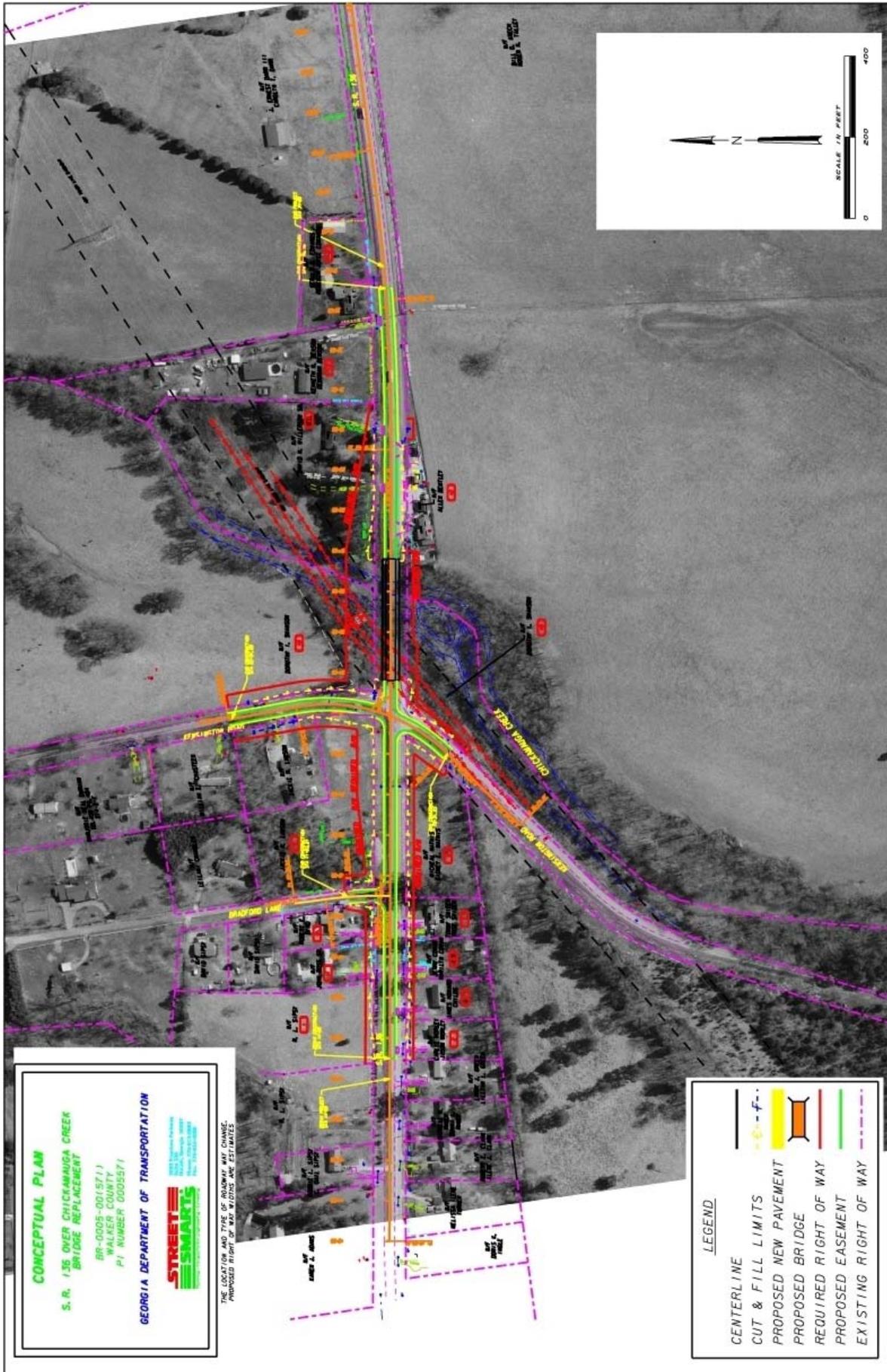
Walker County BRST-0005-00(571) Concept Team Meeting Notes

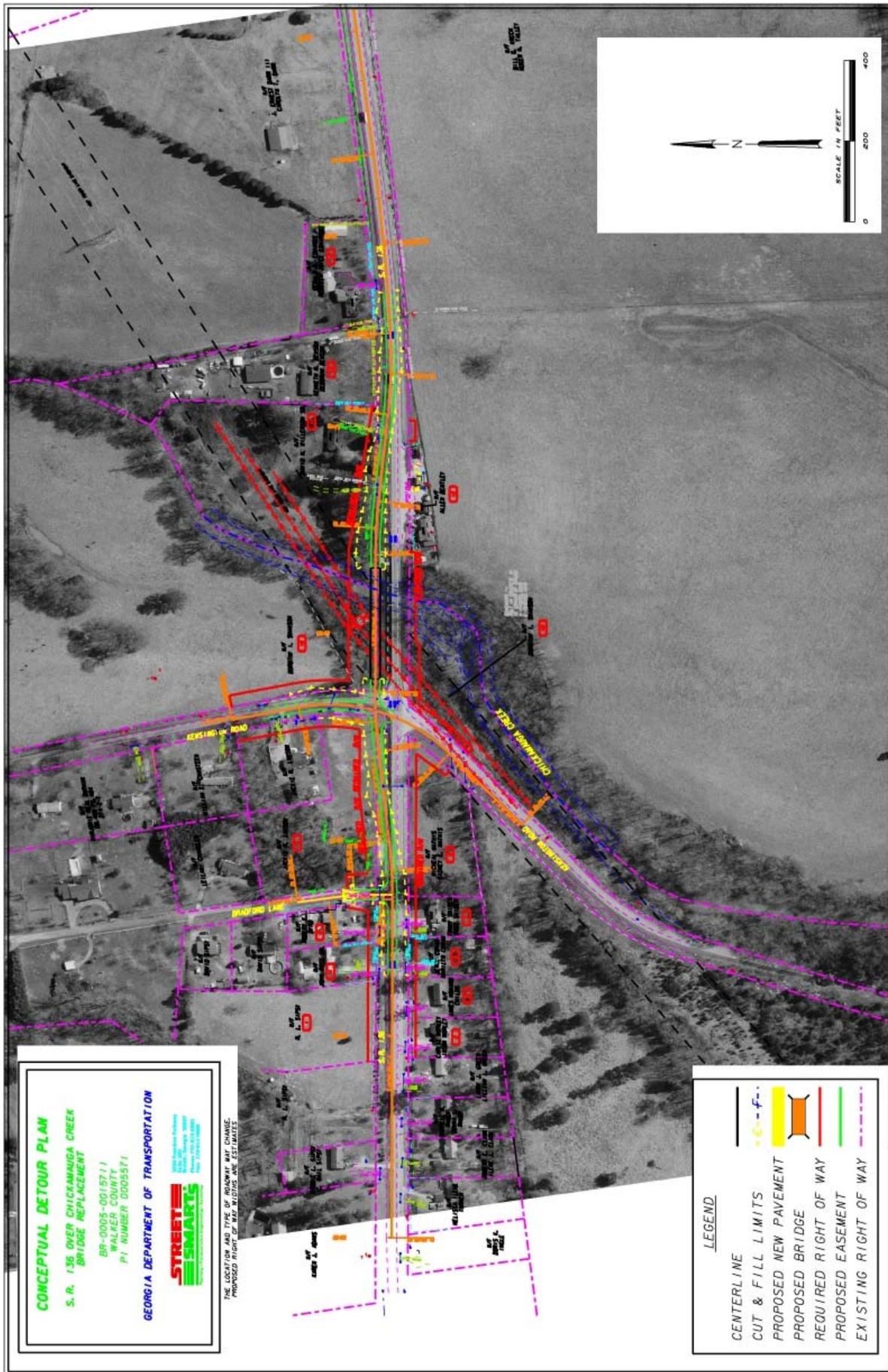
Name	E-Mail Address	Phone Number	Organization
Yun Tang	yun.tang@dot.State.Ga.Us	404-463-0290	GDOT
Terry McCollister	jerry.milligan@dot.state.ga.us	770-532-5580	GDOT ROW
Harlan Conley	harlan.conley@dot.state.ga.us	770-532-5530	GDOT
Stanley McCorley	stanley.mccorley@dot.state.ga.us	770-532-5520	GDOT District 6 Traffic Operations
Royce Turner	royce.turner@dot.state.ga.us	770-532-5510	GDOT District 6 Utilities
Nikki Townsend	ntownsend@ngemc.com	770-532-5563	North Georgia EMC
William Dial	williamd@Streetsmarts.Us	770-813-0882	Street Smarts
Ray Goodwin	raicesg@Streetsmarts.Us	770-813-0882	Street Smarts

1. William Dial (Street Smarts) presented the project and the Concept Report
2. Add alternatives to detour.
 - a. Alternate location of detour bridge
 - b. Offsite detour route alternative
3. GDOT District 6 liaison requested an additional \$25,000 be added to the utility cost estimate.

Comments on Current Design

1. Lessen impact to service station parking
 - a. Modify X-Sec if possible





INTERDEPARTMENT CORRESPONDENCE

FILE BR-0005-00(571), **OFFICE** Environment/Location

Walker County

P.I. # 0005571

DATE February 7, 2005

FROM Harvey Keepler, State Environment/Location Engineer

TO Babs Abubakari, P.E., State Program Delivery and Consultant
Design Engineer.

Attn. Yun Tang

SUBJECT Traffic Volume for S.R. 136 @ West Chickamauga Creek 5.7 Miles NW
Of Lafayette (Mile Post 7.65)

Traffic Volume for the above project is attached below:

2004 ADT = 2500

2012 ADT = 3000

2032 ADT = 4000

D = 60%

K = 9%

T = 9%

24 HR. T. = 11%

S.U. = 6%

COMB. = 5%

If you have any questions concerning this information please contact
Soli Shakshuki at (404) 699-4458

HDK/SMS

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID:	295-0010-0	Walker	SUFF. RATING	32.06
Location & Geography				
* Structure I.D.No:	295-0010-0			
* 200 Bridge Information	07			
* 6A Feature Int:	WEST CHICKAMAUGA CRK			
* 6B Critical Bridge:	0			
* 7A Route Number Carried:	SR00136			
* 7B Facility Carried:	SR 136			
* 9 Location:	5.7 MI SW OF LAFAYETTE			
2 DOT District:	6			
207 Year Photo:	2005			
* 91 Inspection Frequency:	24	Date: 01/27/2005		
92A Fraet Crit Insp Freq:	00	Date: 02/01/1901		
92B Underwater Insp Freq:	00	Date: 02/01/1901		
92C Other Sp. Insp Freq:	00	Date: 02/01/1901		
* 4 Phase Code:	00000			
* 5 Inventory Route (OU):	1			
Type:	3			
Designation:	1			
Number:	00136			
Direction:	0			
* 16 Latitude:	34-48.2	MMS Prefix: SR		
* 17 Longitude:	85-20.8	MMS Suffix: 00	MP:	7.78
98 Border Bridge:	000	%Shared: 00		
99 ID Number:	0000000000000000			
* 100 STRAHNET:	0			
12 Base Highway Network:	1			
13A LRS Inventory Route:	2951013600			
13B Sub Inventory Route:	0			
* 101 Parallel Structure:	N			
* 102 Direction of Traffic:	2			
* 264 Road Inventory Mile Post:	007.63			
* 208 Inspection Area:	06	Initials: DEM		
Engineer's Initial:	jal			
* Location I.D. No.:	295-00136D-007.78E			
Signs & Attachments				
225 Expansion Joint Type:	02			
242 Deck Drains:	1	No.: 02941		
243 Parapet Location:	0			
Height:	0.00			
Width:	0.00			
238 Curb:	1.10			
239 Handrail:	1			
* 240 Median Barrier Rail:	0			
241 Bridge Median Height:	0.00			
Width:	0.00			
* 230 Guardrail Loc Dir Rear:	3			
Fwd:	3			
Oppo Dir Rear:	0			
Fwd:	0			
244 Approach Slab:	0			
224 Retaining Wall:	0			
233 Posted Speed Limit:	55			
236 Warning Sign:	0			
234 Delineator:	1			
235 Hazard Boards:	1			
237 Utilities Gas:	00			
W	00			
Ele	00			
Telephone:	00			
Sx	00			
247 Lighting Street:	0			
Navigation:	0			
Aerial:	0			
* 248 County Continuity No.:	00			
Mk	0			
F	0			

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID:	295-0010-0	Walker	SUFF. RATING	32.06
Programming Data				
201 Project No.:	UNKNOWN			
202 Plans Available:	0			
249 Prop. Proj. No.:	BR-0005-00 (571)			
250 Approval Status:	0000			
251 P.I. No.:	0005571			
252 Contract Date:	02/01/2011			
260 Seismic No.:	00000			
75 Type Work:	31 1			
94 Bridge Imp. Cost:	\$ 523			
95 Roadway Imp. Cost:	\$ 116			
96 Total Imp Cost:	\$ 753			
76 Imp. Length:	000504			
97 Imp. Year:	1990			
114 Future ADT:	003690	Year: 2024		
Measurements				
* 29 ADT:	002460	Year: 2004		
109 % Trucks:	10			
* 28 Lanes On:	02	Under: 00		
210 No. Trucks On:	00	Under: 00		
* 48 Max. Span Length:	0050			
* 49 Structure Length:	293			
51 Br. Rwdy. Width:	23.70			
52 Deck Width:	26.00			
* 47 Tot. Horz. Cl:	23.70			
50 Curb/Solewik Width:	1.00/1.00			
32 Approach Rdwy Width:	024			
* 229 Shoulder Width:				
Rear Lt:	5.00	Type: 8	Rt: 5.00	
Fwd Lt:	5.00	Type: 8	Rt: 5.00	
Pavement Width:				
Rear:	24.00	Type: 2		
Fwd:	24.00	Type: 2		
Intersection Rear:	1	Fwd: 0		
36 Safety Features Br. Rail:	2			
Transition:	2			
App. G. Rail:	1			
App. Rail End:	1			
53 Minimum Cl Over:	99 ' 99 "			
Under:	00 ' 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 Underl. Rt:	N	99.90		
56 Lateral Underl. Lt:		0.00		
* 10 Max Min Vert Cl:	99 ' 99 "	Dir: 0		
39 Nav Vert Cl:	000	Horz: 0000		
116 Nav Vert Cl Closed:	000			
245 Deck Thickness Main:	8.00			
Deck Thick Approach:	7.00			
246 Overlay Thickness:	1.50			
212 Year Last Painted:	Sup: 1981	Sub: 0000		
Hydraulic Data				
215 Waterway Data				
Highwater Elev.:	0000.0	Year: 1900		
Avg. Streambed Elev.:	0000.0	Freq: 00		
Drainage Area:	00073			
Area Of Opening:	000000			
113 Scour Critical:	U			
216 Water Depth:	03.9	Br. Height: 23.5		
222 Slope Protection:	1			
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		
Postings Data				
70 Bridge Posting Required:	5			
41 Street Open, Posted, Cl:	A			
* 103 Temporary Structure:	0			
232 Posted Loads	H-Modified: 00			
HS-Modified:	00			
Type 3:	00			
Type3s2:	00			
Timber:	00			
Piggyback:	00			
253 Notification Date	02/01/1901			
253 Fed Notify Date:	02/01/1901			0

COST ESTIMATE SUMMARY

A. Right-of-Way	\$49,800.00
B. Reimbursable Utilities	\$120,000.00
C. Construction	
1. Major Structures	\$999,500.00
2. Grading and Drainage	\$53,200.00
3. Base and Paving	\$665,300.00
4. Lump Items	\$77,150.00
5. Miscellaneous	\$57,800.00
6. Detour	\$974,675.00
Subtotal Construction Cost	\$2,827,625.00
E & C (5%)	\$141,381.25
Total Construction Cost	\$2,969,006.25
Grand Total Project Cost	\$3,138,806.25

DETAILED CONCEPT COST ESTIMATE

A. Right-of-Way	
1. Property: ROW (2.49 acres @ \$20,000/acre)	\$49,800.00
Easement (0.0 Acres @ \$18,000/acre)	\$0.00
2. Displacements: Res: 0, Bus: 0, M.H.: 0	
Subtotal A	\$49,800.00
B. Reimbursable Utilities	
1. Water	\$30,000.00
2. Electric	\$90,000.00
Subtotal B	\$120,000.00
C. Construction	
1. Major Structures: Bridge 300' x 42'-10" @ \$70/sq. ft.	\$899,500.00
Remove Existing Bridge	\$100,000.00
Subtotal C-1	\$999,500.00
2. Grading and Drainage	
a. Earthwork (1000 cy @ \$8.00/cy)	\$8,000.00
b. Drainage	\$5,000.00
c. Clearing & Grubbing (4.02 acres @ \$10,000/acre)	\$40,200.00
Subtotal C-2	\$53,200.00
3. Base and Paving	
a. Aggregate Base (6120 tons @ \$25.00/ton)	\$153,000.00
b. Asphalt Paving	
1 1/4" 9.5mm Superpave (623 tons @ \$100/ton)	\$62,300.00
2" 19mm Superpave (997 tons @ \$100/ton)	\$99,700.00
7" 25 mm Superpave (3491 tons @ \$100/ton)	\$349,100.00
Milling (600 sq. yds. @ \$2.00/sq. yd.)	\$1,200.00
Subtotal C-3	\$665,300.00
4. Lump Items	
a. Grassing (2.15 ac @ \$1000/acre)	\$2,150.00
c. Erosion Control	\$75,000.00
Subtotal C-4	\$77,150.00
5. Miscellaneous	
a. Signing & Marking	\$13,000.00
b. Guardrail (2800 lf @ \$16/lf)	\$44,800.00
Subtotal C-5	\$57,800.00
6. Detour	
a. Earthwork (6000 cy @ \$8.00/cy)	\$48,000.00
b. Drainage	\$0.00
a. Aggregate Base (5520 tons @ \$25.00/ton)	\$138,000.00
d. Asphalt Paving	
1 1/4" 9.5mm Superpave (623 tons @ \$100/ton)	\$62,300.00
4" 25 mm Superpave (1995 tons @ \$100/ton)	\$199,500.00
e. Traffic Control	\$45,000.00
f. Temporary Bridge 42'-10"x300' (\$37.50/sf)	\$481,875.00
Subtotal C-6	\$974,675.00