

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0005572, Wayne County **OFFICE** Preconstruction
BR-0005-00(572)
Bridge Replacement SR 203 over Dry Creek **DATE** October 4, 2006
FROM *John Kumbly* Genetha Rice-Singleton, Assistant Director of Preconstruction
TO *GRS* SEE DISTRIBUTION

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
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Glenn Durrence
- BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0005572, Wayne County **OFFICE** Preconstruction
 BR-0005-00(572)
 SR 203 over Dry Creek **DATE** September 20, 2006

FROM *Cybil Kinnels*
 Genetha Rice-Singleton, 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 SR 203 over Dry Creek, 5.7 miles northwest of Screven, Georgia. The existing bridge, constructed in 1957, is load limited with a sufficiency rating of 44. State Route 203 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. This section of SR 203 is functionally classified as a rural major collector. Traffic is projected to be 1400 VPD and 2550 VPD in the years 2010 and 2030 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 90' x 40' concrete bridge over Dry Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (4' paved). Traffic will be maintained during construction utilizing an on-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)	\$1,348,000	\$1,347,000	LICO	2012
Right-of-Way	\$ 16,500	-----	LICO	2009
Utilities*	\$ 50,000			

*LGPA sent requesting Wayne County do utilities 12-6-02; recision letter sent to Wayne County 6-8-05.

David Studstill

Page 2

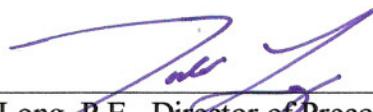
P. I. No. 0005572, Wayne
September 20, 2006

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

NOTICE OF LOCATION AND DESIGN APPROVAL

Project Name	Project Number	P.I. Number	County
SR203 @ Dry Creek Bridge Replacement	BR-0005-00(572)	0005572	Wayne

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 OCTOBER 4, 2006

Descriptions of the Proposed Project:

This project is located in Wayne County in the 1st U.S. Congressional District, in Land Lots 341 and 342 of the 4th Land District of Wayne County.

Descriptions of the Proposed Construction:

The proposed bridge replacement on State Route 203 over Dry Creek in Wayne County will have a total length of approximately 2000 feet with existing bridge located near the center of the project. The existing bridge has a length of 85 feet. The replacement bridge will have a length of 90 feet. The existing roadway has two 12-foot lanes with 6-foot grassed shoulders. The proposed roadway will be constructed with two 12-foot lanes and 10-foot shoulders, 4-foot paved and 6-foot grassed. A temporary detour will be constructed south of the existing roadway during the bridge replacement.

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:

Michelle Wright, Area Engineer
michelle.wright@dot.state.ga.us
739 East Barnard Street
Glennville, GA 30427
Telephone: (912) 285-2940/4814

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:

Glenn Durrence, District
glenn.durrence@dot.state.ga.us
P.O. Box 610
Jesup, GA 31598
Telephone (912) 427-5711

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
Office of Program Delivery and Consultant Design**

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0005-00(572)

County: Wayne

Project P.I. Number: 0005572

Federal Route Number: N/A

State Route Number: 203

S.R. 203 @ Dry Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: 9/13/06

Yun Tang, PE
Project Manager

Date: 9/13/06

M. Babs Abubakari
State Consultant Design and Program Delivery Engineer

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: 9/18/06

James T. Simpson
State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Operations Engineer

Date: _____

District 5 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: BR-0005-00(572)

County: Wayne

Project P.I. Number: 0005572

Federal Route Number: N/A

State Route Number: 203

S.R. 203 @ Dry Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: 9/13/06

Yun Tang, PE
Project Manager

Date: 9/13/06

M. Babs Abubakari
State Consultant Design and Program Delivery Engineer

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: 9/18/06

[Signature]
State Transportation Planning Administrator

Date: _____

State Transportation Financial Management Administrator

Date: _____

State Environmental/Location Engineer

Date: _____

State Traffic Operations Engineer

Date: _____

District 5 Engineer

Date: _____

State Project Review Engineer

Date: _____

Bridge Design

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. # 0005572

OFFICE: Environment/Location

DATE: October 4, 2006


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

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT
BR-0005-00(572)/Wayne County
SR 203 @ Dry Creek Bridge Replacement**

The above subject concept report has been reviewed. We will need six months to get the permit. I anticipate the need for Section 7 consultation for Eastern Indigo Snakes and Woodstork, which would lengthen the time required to obtain environmental approval.

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

HDK/sdw

Attachment

cc: Brian Summers
Babs Abubakari
Keith Golden
Joseph Palladi
Jamie Simpson

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

PROJECT CONCEPT REPORT

PROJECT NUMBER: BR-0005-00(572)

County: Wayne

Project P.I. Number: 0005572

Federal Route Number: N/A

State Route Number: 203

S.R. 203 @ Dry Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: 9/13/06

Yun Tang, PE
Project Manager

Date: 9/13/06

M. Babs Abubakari
State Consultant Design and Program Delivery Engineer

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: 10.2.06

[Signature]
State Environmental/Location Engineer

Date: _____

State Traffic Operations Engineer

Date: _____

District 5 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: BR-0005-00(572)

County: Wayne

Project P.I. Number: 0005572

Federal Route Number: N/A

State Route Number: 203

S.R. 203 @ Dry Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: 9/13/06

Yun Tang, PE
Project Manager

Date: 9/13/06

M. Babs Abubakari
State Consultant Design and Program Delivery Engineer

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 Operations Engineer

Date: _____

District 5 Engineer

Date: _____

State Project Review Engineer

Date: 11-19-06

Paul V. Tules Jr.
Bridge Design

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE **PROJECT NUMBER: BR-0005-00(572) PI No. 0005572** **OFFICE**
Wayne County Consultant Design
S.R. 203 @ Dry Creek Bridge Replacement

M. Babs Abubakari

FROM Babs Abubakari, P.E., State Consultant Design Engineer **DATE** Sep 14, 2006

TO Genetha Rice-Singleton., Assistant Director of Preconstruction

SUBJECT *PROJECT CONCEPT REPORT*

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

People on the distribution list below should review the Concept Report and send comments and/or signature page to the Preconstruction office within 10 days as per the PDP.

Distribution:

Brian Summers -- State Project Review Engineer
Harvey Keepler -- State Environment/ Location Engineer
Carla Holmes -- State Traffic Operations Engineer
Joseph Palladi -- State Transportation Planning Administrator
Jamie Simpson -- State Transportation Financial Management Administrator
Glenn Durrence -- District 5 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: BR-0005-00(572)

County: Wayne

Project P.I. Number: 0005572

Federal Route Number: N/A

State Route Number: 203

S.R. 203 @ Dry Creek Bridge Replacement

[see page 3 for location sketch]

Recommendation for Approval:

Date: 9/13/06

Yun Tang, PE
Project Manager

Date: 9/13/06

M. Babs Abubakari
State Consultant Design and Program Delivery Engineer

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 Operations Engineer

Date: _____

District 5 Engineer

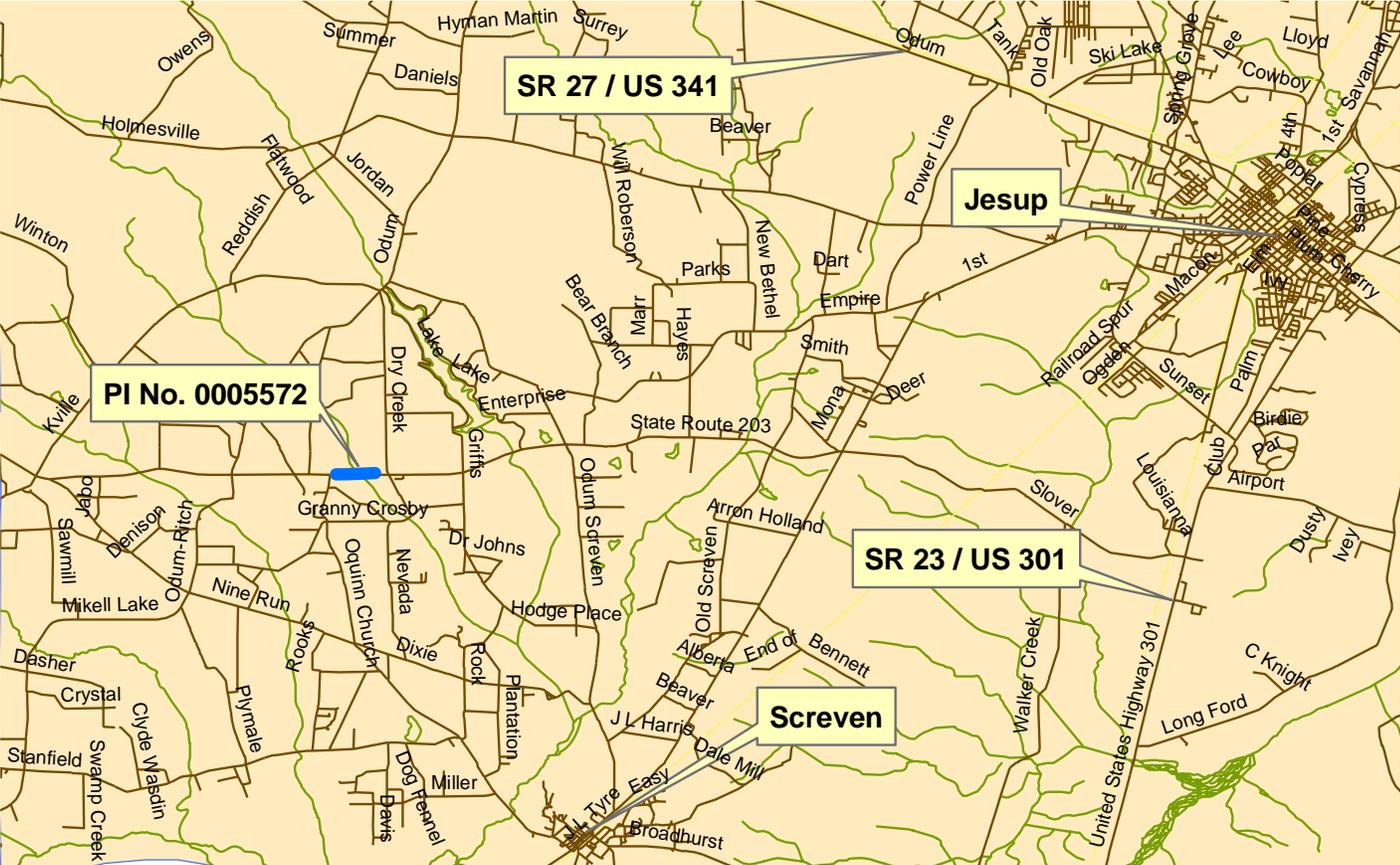
Date: _____

State Project Review Engineer

Date: _____

Bridge Design

SITE LOCATION MAP



Need and Purpose: The existing bridge on State Route 203 over Dry Creek 5.7 miles north west of Screven carried an average of 1100 vehicles per day in the year 2004, which includes school bus traffic. This traffic volume represents a Level-of -Service of “A”, which is acceptable.

This two lane bridge was constructed in 1957 and is not on a state or locally designated bike route. The bridge consists of metal shell pile bents, a concrete T-beam superstructure and concrete deck. The original design load capacity is H-15 and the bridge is in poor condition. The sufficiency rating on the structure is 44.2, and the bridge is classified as Structurally Deficient and requires replacement. This bridge also qualifies for federal replacement BR funding.

For the year 2010, the traffic volume is projected to be 1400 vehicles per day. By the year 2030, traffic volume is projected to grow to 2550 vehicles per day. For both conditions, the Level-of-Service will be “A”, which is acceptable.

Because the bridge is considered structurally deficient, GDOT has a proposed project BR-0005-00(572) to replace the bridge with a new structure. There are no other associated projects in the area and this project has independent utility.

Wayne County’s population grew by 18.8% between 1990 and 2000 to a total population of 26,565. In the year 2000, Wayne County had a minority population of 23.3%, compared to a statewide average of 34.9% (the U.S. Census defines a minority population as Black/African-American, Hispanic/Latino, Asian/Pacific Islander, or American Indian/Alaska Native). The U.S. Census estimated in 1997 that 21.6% of Wayne County residents lived below the poverty level, compared to a statewide average of 14.7%.

This project does not disproportionately burden or benefit any particular community. The project is surrounded by mainly wooded/agricultural/residential land. The project is considered to be a benefit to all of the communities that use the bridge because of the improved bridge condition.

Description of the proposed project: The proposed bridge replacement on State Route 203 over Dry Creek in Wayne County will have a total length of approximately 2000 feet with existing bridge located near the center of the project. The existing bridge has a length of 85 feet. The replacement bridge will have a length of 90 feet. The existing roadway has two 12-foot lanes with 6-foot grassed shoulders. The proposed roadway will be constructed with two 12-foot lanes and 10-foot shoulders, 4-foot paved and 6-foot grassed. A temporary detour will be constructed south of the existing roadway during the bridge replacement.

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: 203

Traffic (AADT – 2004 counts) – 1100 v.p.d.

Traffic Projections (AADT) - Base Year 2010 – 1400 v.p.d.

Traffic Projections (AADT) - Design Year 2030 – 2550 v.p.d.

Existing Design Features:

- SR 203 is a two-lane rural roadway with a 55 mph speed limit. The adjacent land use is mainly agricultural in the form of tree farms.
- Typical Section: Two 12-foot travel lanes with 6-foot unpaved shoulders. Slopes vary from 2:1 to 4:1.
- Posted Speed: 55 mph
- Maximum Radius: 10,000 feet
- Maximum Grade (mainline): 0.8%
- Maximum Grade (driveway): 20%
- Width of Right-Of-Way: 100 feet
- Major Structures: Bridge, Structure ID 305-0021-0, 84' long, 32.20' deck width, 44.15 Suff. rating
- Major interchanges or intersections along the project: none
- Existing length of roadway segment: 0.47 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: 1.0%
- Maximum Grade Allowable: 9%
- Proposed Maximum Grade (Driveway): 20%
- Proposed Minimum Radius: 10,000' (mainline), 2,220 (detour)
- Minimum Radius Allowable: 960'
- Right of Way
 - Width: Varies 100-140 feet
 - Easements: Temporary () Permanent (X) Utility () Other ()
 - Type of access Control: Full () Partial () By Permit (X) Other ()
 - Number of Parcels: 4
 - Number of Displacements:
 - Business: 0
 - Residences: 0
 - Mobile Homes: 0
 - Other: 0
- Structures: Bridge approximately 90 feet long and 40 feet wide
- Major intersections and interchanges: N/A

- Traffic control during construction: A temporary detour bridge to the south of the existing bridge will be constructed. 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			N/A
Bridge Width			N/A
Bridge Structural Capacity			N/A

- 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
 - SATILLA RURAL EMC

Project Responsibilities:

- Design – Office of Consultant Design and Program Delivery
- 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: TBD
- Concept meeting date: 8/3/06
- 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

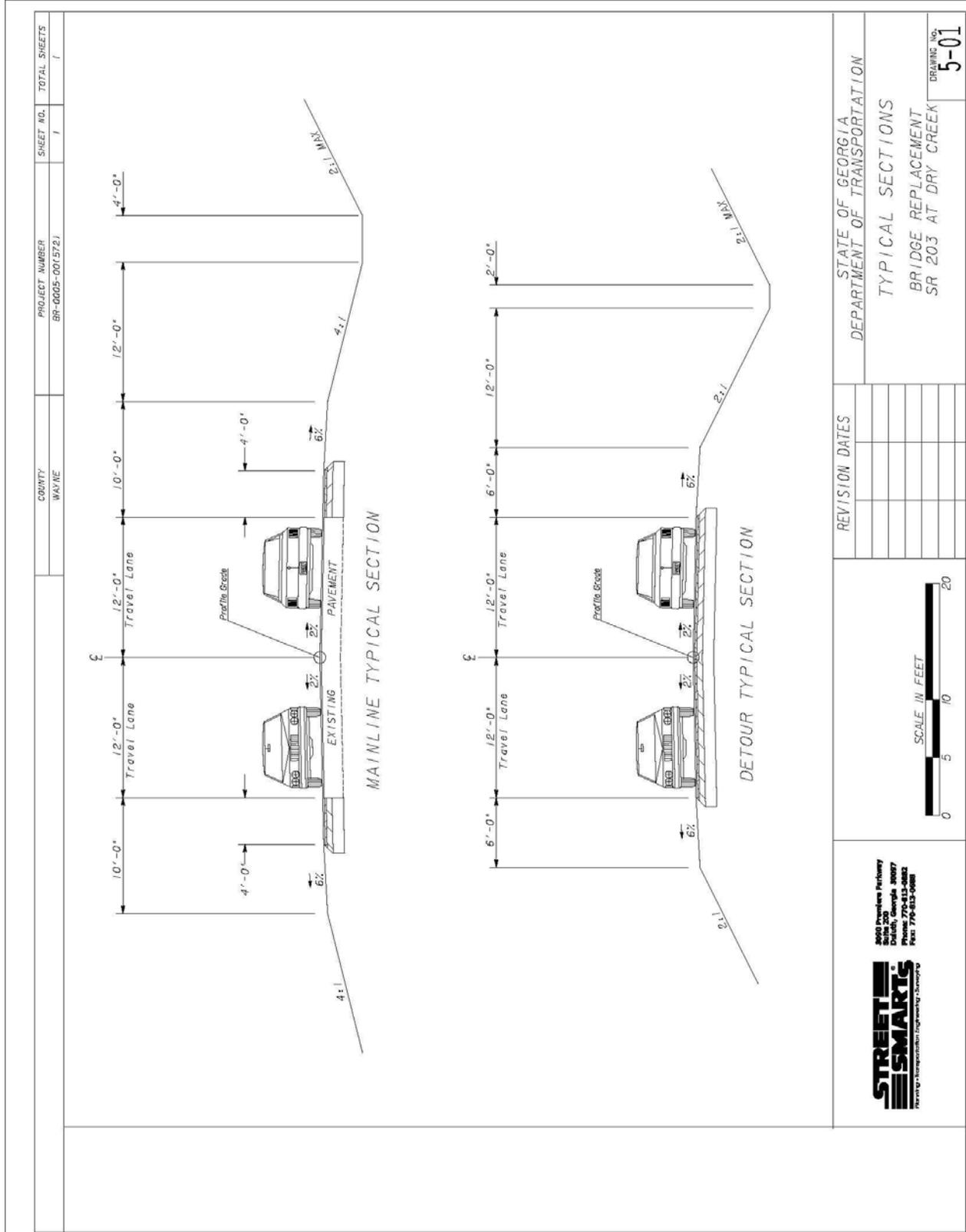
List other major items that will affect the project schedule: None

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 SR203 and build a new bridge parallel to the existing bridge. The existing alignment of SR203 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 Team Meeting Notes
4. Concept Plan
5. Detour Plan
6. Traffic Volumes
7. Bridge Inventory Data Listing
8. Cost Estimate
9. Notice of Location and Design



PROJECT NUMBER BR-0005-00(572)	COUNTY WAYNE	SHEET NO. 1	TOTAL SHEETS 1
-----------------------------------	-----------------	----------------	-------------------

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
BRIDGE REPLACEMENT
SR 203 AT DRY CREEK

DRAWING NO.
5-01

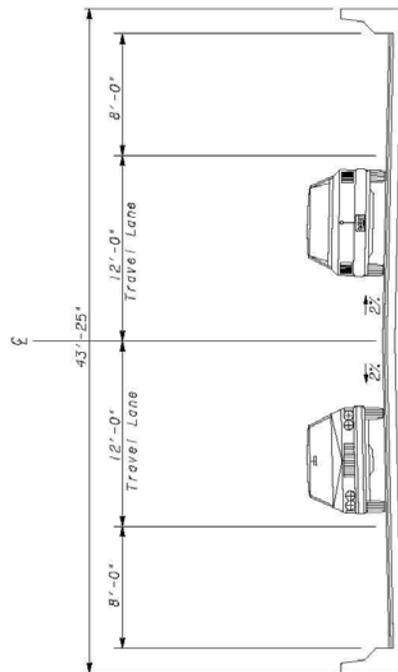
REVISION DATES

SCALE IN FEET

STREET SMARTS
Planning • Transportation Engineering • Construction

5650 Peachtree Parkway
 Suite 200
 Duluth, Georgia 30097
 Phone: 770-451-0422
 Fax: 770-451-0428

PROJECT NUMBER BR-0005-00(572)	COUNTY WAYNE	SHEET NO. 2	TOTAL SHEETS 2
-----------------------------------	-----------------	----------------	-------------------



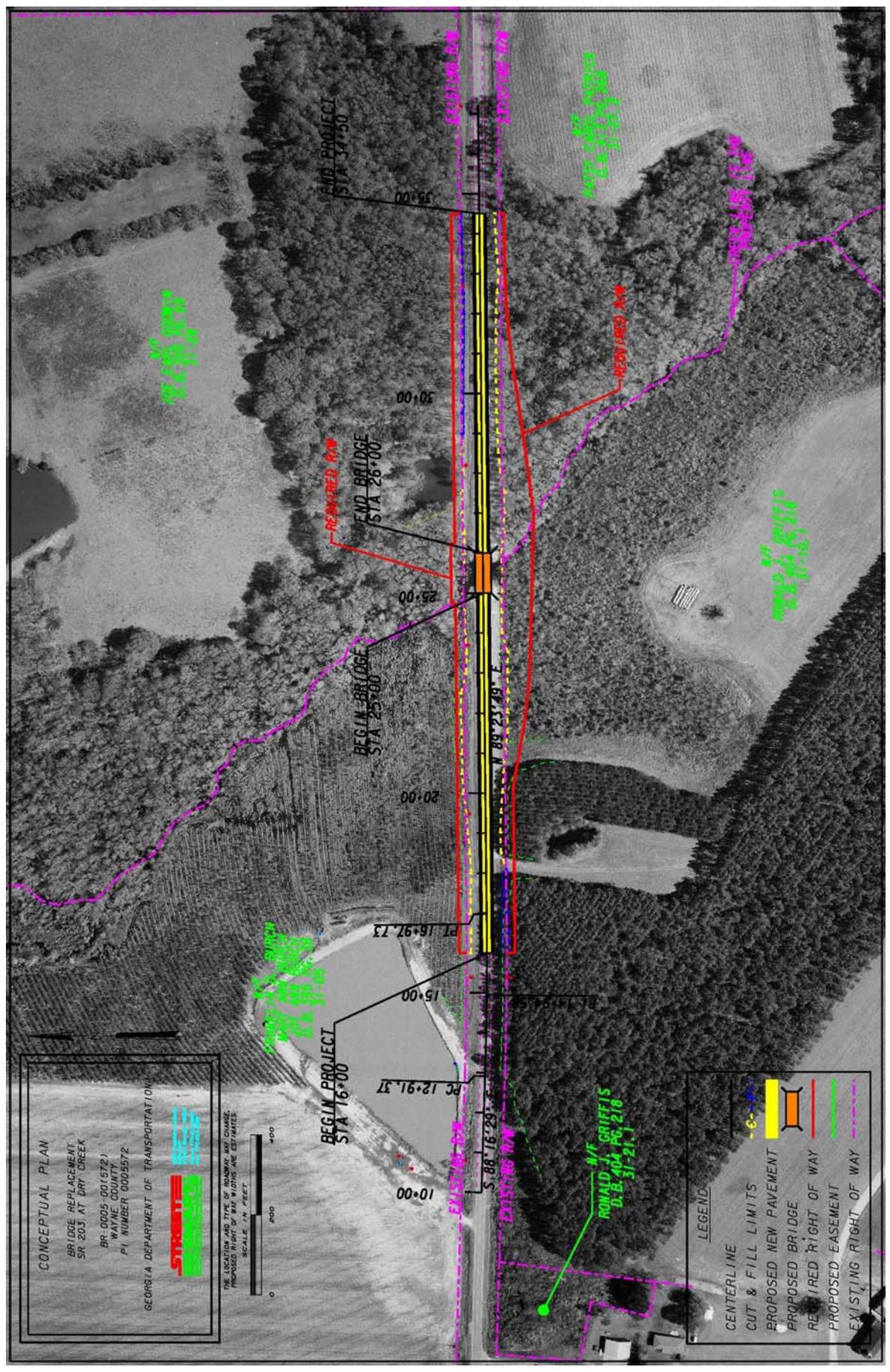
BRIDGE SECTION

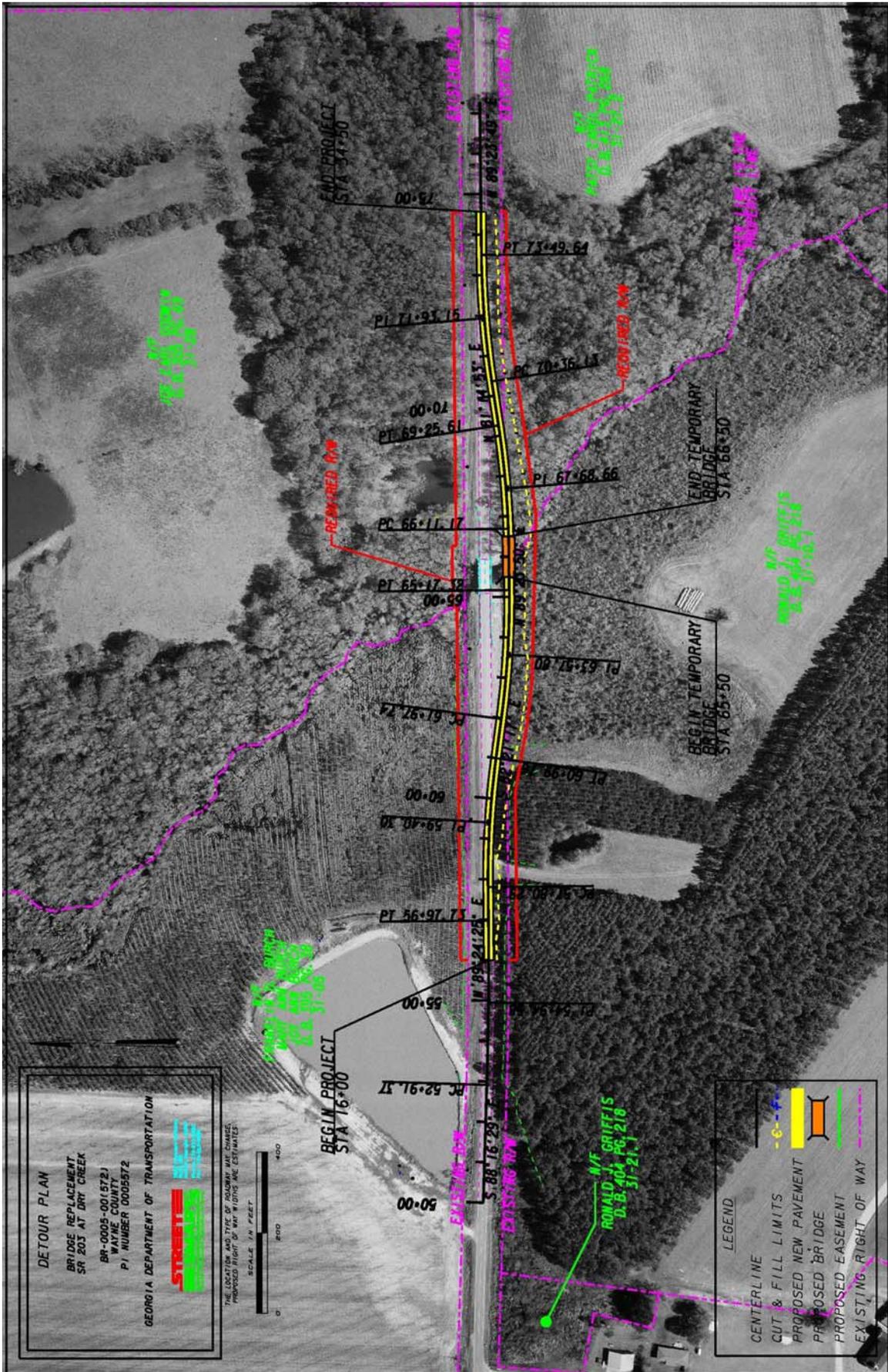
STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	REVISION DATES	TYPICAL SECTIONS BRIDGE REPLACEMENT SR 203 AT DRY CREEK	DRAWING NO. 5-02
SCALE IN FEET 			

Concept Team Meeting Notes

Name	E-Mail Address	Phone Number	Organization
Yun Tang	yun.tang@dot.state.ga.us	404-463-0290	GDOT
Tony Collins	tony.collins@dot.state.ga.us	912-427-5715	GDOT
Stephen Thomas	stephen.thomas@dot.state.ga.us	912-427-5754	GDOT
Will Murphy	will.murphy@dot.state.ga.us	912-427-5733	GDOT
Billy J. Smith	bill.smith@dot.state.ga.us	912-472-5764	GDOT
Ron Nelson	ron.nelson@dot.state.ga.us	912-654-2940	GDOT
Michelle Wright	michelle.wright@dot.state.ga.us	912-654-2940	GDOT
Nancy Jones	njones@co.wayne.ga.us	912-427-5900	Wayne County
Elton Aspinwall	easpinwall@co.wayne.ga.us	912-427-5900	Wayne County
William Dial	williamd@streetsmarts.us	770-813-0882	Street Smarts
Andy Anderson	andya@streetsmarts.us	770-813-0882	Street Smarts

1. Andy Anderson presented the project.
2. Bridge width should be verified with the GDOT Bridge Department.
3. All easements should be labeled to be used as Construction and Maintenance of Slopes and Utilities.
4. District would prefer ROW to easements.
5. Provide more ROW for the relocation of the Power Poles.
6. Power line will be moved first. Provide at least 50' min from EOP to ROW.





Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0005-00(572), **OFFICE** Environment/Location
Wayne County
P.I. # 0005572 **DATE** November 9, 2004

FROM Harvey Keeper, State Environment/Location Engineer

TO Brent Story, P.E., State Consultant Design Engineer
Attn. Yun Tang

SUBJECT Traffic Volume for S.R. 203 @ Dry Creek 5.7 Miles NW of Screven

Traffic Volume for the above project is attached below:

2004 ADT = 1100
2010 ADT = 1400
2030 ADT = 2550
D = 58%
K = 10%
T = 9%
24 HR. T. = 11%
S.U. = 5%
COMB. = 6%

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: 305-0021-0		Wayne		SUFF. RATING		44.15	
Location & Geography				Signs & Attachments			
* Structure ID/No:	305-0021-0	* 104 Highway System:	0	* 225 Expansion Joint Type:	02		
* 200 Bridge Information	07	* 26 Functional Classification:	07	* 242 Deck Drains:	1		
* 6A Feature Int:	DRY CREEK	* 204 Federal Route Type:	S	* 243 Parapet Location:	0		
* 6B Critical Bridge:	0	* 105 Federal Lands Highway:	0	Height:	0.00		
* 7A Route Number Carried:	SR00203	* 110 Truck Route:	0	Width:	0.00		
* 7B Facility Carried:	SR 203	* 206 School Bus Route:	1	* 238 Curb:	1.20	1	
* 9 Location:	5.7 MI NW OF SCREVEN	* 217 Benchmark Elevation:	0113.87	* 239 Handrail:	1	1	
* 2 DOT District:	5	* 218 Datum:	2	* 240 Median Barrier Rail:	0		
* 207 Year Photo:	2005	* 19 Bypass Length:	02	* 241 Bridge Median Height:	0.00		
* 91 Inspection Frequency:	24 Date: 03/22/2005	* 20 Toll:	3	Width:	0.00		
* 92A Fract Crtr Insp Freq:	00 Date: 02/01/1901	* 21 Maintenance:	01	* 230 Guardrail Loc Dir Rear:	3		
* 92B Underwater Insp Freq:	00 Date: 02/01/1901	* 22 Owner:	01	Fwrd:	3		
* 92C Other Spc. Insp Freq:	00 Date: 02/01/1901	* 31 Design Load:	2	Oppo Dir Rear:	0		
* 4 Place Code:	00000	* 37 Historical Significance:	5	Fwrd:	0		
* 5 Inventory Route (O/U):	1	* 205 Congressional District:	01	* 244 Approach Slab:	3		
Type:	3	* 27 Year Constructed:	1957	* 224 Retaining Wall:	0		
Designation:	1	* 106 Year Reconstructed:	0000	* 233 Posted Speed Limit:	55		
Number:	00203	* 33 Bridge Median:	0	* 236 Warning Sign:	0		
Direction:	0	* 34 Skew:	00	* 234 Delineator:	1		
* 16 Latitude:	31-33.2	* 35 Structure Flared:	0	* 235 Hazard Boards:	1		
* 17 Longitude:	82-03.6	MMS Prefix: SR		* 237 Utilities Gas:	00		
* 18 Border Bridge:	000	MMS Suffix: 00		W	00		
* 98 Border Bridge:	000	%Shared: 00		Ele	00		
* 99 ID Number:	0000000000000000	* 267 Type of Paint:	3	Telephone:	00		
* 100 STRAHNET:	0	* 42 Type of Service on:	1	S	00		
12 Base Highway Network:	1	* 214 Movable Bridge:	0	* 247 Lighting Street:	0		
13A LRS Inventory Route:	3051020300	203 Type Bridge:	G-N-O-O	Navigation:	0		
13B Sub Inventory Route:	0	* 259 Pile Encasement:	3	Aerial:	0		
* 101 Parallel Structure:	N	* 43 Structure Type Main:	1	* 248 County Continuity No.:	00		
* 102 Direction of Traffic:	2	45 No. Spans Main:	003				
* 264 Road Inventory Mile Post:	005.38	* 44 Structure Type Appr:	0				
* 208 Inspection Area:	05	46 No. Spans Appr:	0000				
Engineer's Initial:	jal	* 226 Bridge Curve Horiz:	0				
* Location I.D. No.:	305-00203D-005.28N	111 Pier Protection:	0				
		* 107 Deck Structure Type:	1				
		* 108 Wearing Surface Type:	1				
			8				
			F				
			8				

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID:	305-0021-0	Wayne	001580	Year:	2004	SUFF. RATING	44.15
Programming Data							
201 Project No.:	S-1143 (1)						
202 Plans Available:	1						
249 Prop. Proj. No.:	BR-0005-00 (572)						
250 Approval Status:	0000						
251 P.L. No.:	0005572						
252 Contract Date:	02/01/2008						
260 Seismic No.:	00000						
75 Type Work:	34 1						
94 Bridge Imp. Cost:	\$ 64						
95 Roadway Imp. Cost:	\$ 41						
96 Total Imp Cost:	\$ 143						
76 Imp. Length:	000295						
97 Imp. Year:	1990						
114 Future ADT:	002370	Year:	2024				
Measurements							
* 29 ADT:	001580	Year:	2004				
109 % Trucks:	10						
* 28 Lanes On:	02	Under:	00				
210 No. Tracks On:	00	Under:	00				
* 48 Max. Span Length:	0028						
* 49 Structure Length:	84						
51 Br. Rwdy. Width:	25.80						
52 Deck Width:	32.20						
* 47 Tot. Horz. Cl:	25.80						
50 Curb/Sidewlk Width:	2.00/2.00						
* 32 Approach Rdwy Width:	026						
* 229 Shoulder Width:							
Rear Lt:	2.20	Type:	2	Rt:	3.40		
Fwd Lt:	2.20	Type:	2	Rt:	3.40		
Ratings							
65 Inventory Rating Method:							2
63 Inventory Rating Method:							2
66 Inventory Type:	2	Rating:	24				
64 Operating Type:	2	Rating:	40				
231 Calculated Loads							
H-Modified:	20	0					
HS-Modified:	25	0					
Type 3:	27	0					
Type 3s2:	40	0					
Timber:	36	0					
Piggyback:	40	0					
261 H Inventory Rating:	15						
262 H Operating Rating:	24						
67 Structural Evaluation:							4
58 Deck Condition:							4
59 Superstructure Condition:							4
* 227 Collision Damage:							0
60A Substructure Condition:							5
60B Scour Condition:							7
60C Underwater Condition:							N
71 Waterway Adequacy:							8
61 Channel Protection Cond:							8
68 Deck Geometry:							4
69 UnderClr. Horz/Vert:							N
72 Appr. Alignment:							8
62 Culvert:							N
Posting Data							
70 Bridge Posting Required:							5
41 Struct Open, Posted, Cl:							A
* 103 Temporary Structure:							0
232 Posted Loads							0
H-Modified:	00						
HS-Modified:	00						
Type 3:	00						
Type 3s2:	00						
Timber:	00						
Piggyback:	00						
253 Notification Date	02/01/1901						0
253 Fed Notify Date:	02/01/1901						
Hydraulic Data							
215 Waterway Data							
Highwater Elev.:	0000.0	Year:	1900				
Avg. Streambed Elev.:	0000.0	Freq.:	00				
Drainage Area:	00000						
Area Of Opening:	000000						
113 Scour Critical:	U						
216 Water Depth:	2.5	Br. Height:	9.7				
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	Diver:	ZZZ		
* 265 U/W Insp. Area:	0						
* Location I.D. No.:	305-00203D-005.28N						
212 Year Last Painted:	Sup: 0000	Sub: 1957					

COST ESTIMATE SUMMARY

A. Right-of-Way	\$16,500.00
B. Reimbursable Utilities	\$50,000.00
C. Construction	
1. Major Structures	\$312,000.00
2. Grading and Drainage	\$116,000.00
3. Base and Paving	\$140,200.00
4. Lump Items	\$70,000.00
5. Miscellaneous	\$21,800.00
6. Detour	\$404,500.00
Subtotal Construction Cost	\$1,064,500.00
E & C (5%)	\$53,225.00
Inflation (4 year @ 5% per year)	\$229,406.40
Total Construction Cost	\$1,347,131.40
Grand Total Project Cost	\$1,413,631.40

DETAILED CONCEPT COST ESTIMATE

A. Right-of-Way	
1. Property: ROW (2.75 acres @ \$6,000/acre)	\$16,500.00
Easement (0 Acres @ \$5,000/acre)	\$0.00
2. Displacements: Res: 0, Bus: 0, M.H.: 0	\$0.00
Subtotal A	\$16,500.00
B. Reimbursable Utilities	
1. Water	\$0.00
2. Electric	\$50,000.00
Subtotal B	\$50,000.00
C. Construction	
1. Major Structures: Bridge 90' x 40' @ \$70/sq. ft.	\$252,000.00
Remove Existing Bridge	\$60,000.00
Subtotal C-1	\$312,000.00
2. Grading and Drainage	
a. Earthwork (8000 cy @ \$8.00/cy)	\$64,000.00
b. Drainage	\$2,000.00
c. Clearing & Grubbing (5 acres @ \$10,000/acre)	\$50,000.00
Subtotal C-2	\$116,000.00
3. Base and Paving	
a. Aggregate Base (800 tons @ \$25.00/ton)	\$20,000.00
b. Asphalt Paving	
1 1/4" 9.5mm Superpave (490 tons @ \$100/ton)	\$49,000.00
2" 19mm Superpave (200 tons @ \$100/ton)	\$20,000.00
5" 25 mm Superpave (500 tons @ \$100/ton)	\$50,000.00
Milling (600 sq. yds. @ \$2.00/sq. yd.)	\$1,200.00
Subtotal C-3	\$140,200.00
4. Lump Items	
a. Grassing (5 ac @ \$1000/acre)	\$5,000.00
c. Erosion Control	\$65,000.00
Subtotal C-4	\$70,000.00
5. Miscellaneous	
a. Signing & Marking	\$9,000.00
b. Guardrail (800 lf @ \$16/lf)	\$12,800.00
Subtotal C-5	\$21,800.00
6. Detour	
a. Earthwork (15,000 cy @ \$8.00/cy)	\$120,000.00
b. Drainage	\$8,000.00
c. Aggregate Base (1260 tons @ \$25.00/ton)	\$31,500.00
d. Asphalt Paving	
1 1/4" 9.5mm Superpave (260 tons @ \$100/ton)	\$26,000.00
4" 25mm Superpave (840 tons @ \$100/ton)	\$84,000.00
e. Traffic Control	\$45,000.00
f. Temporary Bridge 24'x100'	\$90,000.00
Subtotal C-6	\$404,500.00