

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0000684, Lowndes County **OFFICE** Preconstruction
BR-0000-00(684)
CS 1191/Tucker Road over Dukes Bay Canal
Bridge Replacement **DATE** January 31, 2007

FROM *Cybil Vumbe*
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

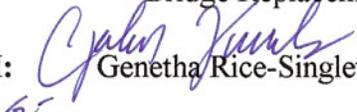
DISTRIBUTION:

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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0000684, Lowndes County **OFFICE:** Preconstruction
 BR-0000-00(684)
 CS1191/Tucker Road over Dukes Bay Canal
 Bridge Replacement **DATE:** January 24, 2007

FROM:  Genetha Rice-Singleton, Assistant Director of Preconstruction

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

SUBJECT: PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CS 1191/Tucker Road over Dukes Bay Canal, 1.5 miles southwest of Valdosta, Georgia. The existing bridge, constructed in 1955, is load limited with a sufficiency rating of 27. CS 1191/Tucker Road at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. Traffic is projected to be 950 VPD and 1500 VPD in the years 2010 and 2030 respectively. The posted speed and the design speed are 45 MPH.

The construction proposes to relocate CS 1191/Tucker Road south of its present location, extending a total of 0.43 mile. The proposed new bridge will be 150' x 32' and will be located just south of the existing bridge structure. The relocated CS 1191/Tucker road will consist of two, 12' lanes with 6' rural shoulders. The existing bridge will be closed during construction, traffic will be maintained via an off-site detour.

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

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	\$1,207,000	\$1,399,000	LICO	2009
Right-of-Way & Utilities*	Local	Local	Local	

*Valdosta signed LGPA on 8-4-00 for PE, right-of-way and utilities.

David Studstill
Page 2

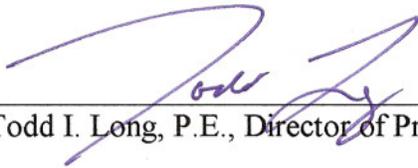
P. I. No. 0000684, Lowndes
January 24, 2007

I recommend this project concept be approved.

GRS:JDQ/cj

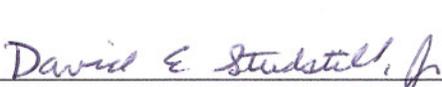
Attachment

CONCUR



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

APPROVE

 ^{ALR}

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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BR-0000-00(684) Lowndes
P.I. No. 0000684
Tucker Road @ Dukes Bay Canal

OFFICE: Engineering Services

DATE: January 17, 2007

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

TO: Genetha Rice Singleton, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted December 20, 2006 and have no comments:

The costs for this project are:

Construction	\$1,096,698
Inflation	\$0.00
E & C	\$109,670
Reimbursable Utilities	Not provided
Right of Way	Not provided

REW

c: Joe Sheffield, Attn.: Sandy Griffin

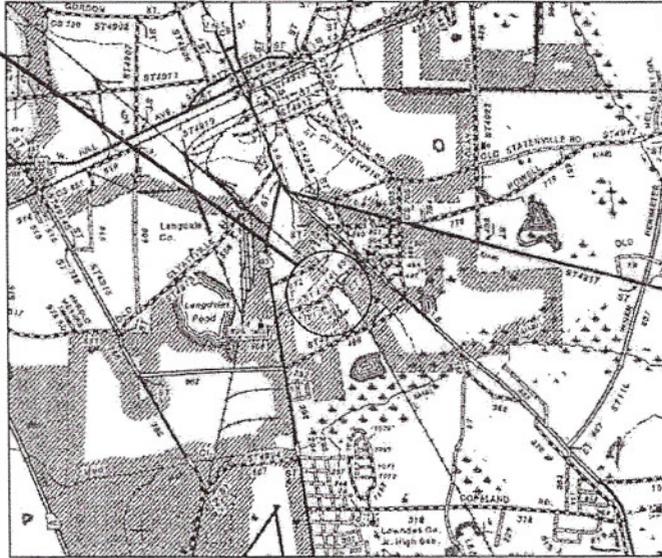
14 December, 2006
Project Concept Report Page: 1
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes

State of Georgia Department of
Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Project Concept Report

Project Location



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

Bridge Replacement on CS 1191/Tucker Road @ Dukes Bay Canal
Recommended for approval:

DATE: 12-19-06

DATE: 12-19-06

Ralph D. [Signature]
Project Manager
Joe W. Sheffield
District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: 11/17/07

Bruce K. Sumner *RLW*
Project Review Engineer

DATE: _____

State Bridge Design Engineer

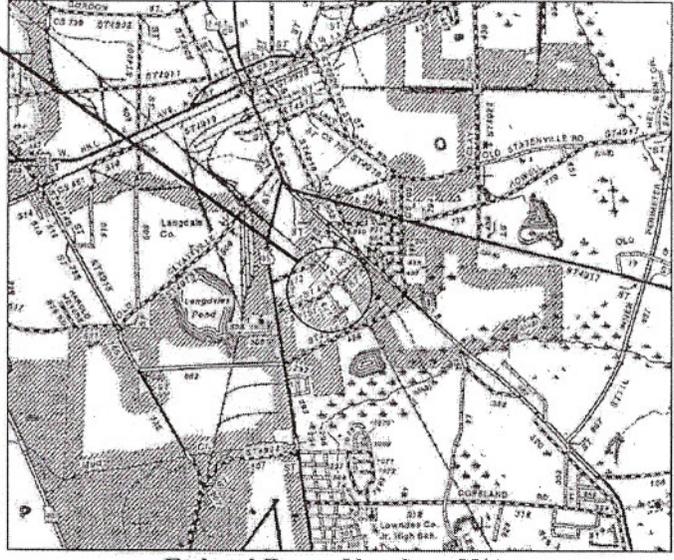
14 December, 2006
Project Concept Report Page: 1
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes

State of Georgia Department of
Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Project Concept Report

Project Location



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

Bridge Replacement on CS 1191/Tucker Road @ Dukes Bay Canal
Recommended for approval:

DATE: 12-19-06
DATE: 12-19-06

Ralph S. [Signature]
Project Manager
Ge W. Sheffield
District Engineer

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

DATE: _____
DATE: 1-3-07
DATE: _____
DATE: _____
DATE: _____
DATE: _____

State Transportation Planning Administrator
James T. Simpson
Financial Management Administrator

State Environmental/Location Engineer

State Traffic Safety and Design Engineer

Project Review Engineer

State Bridge Design Engineer

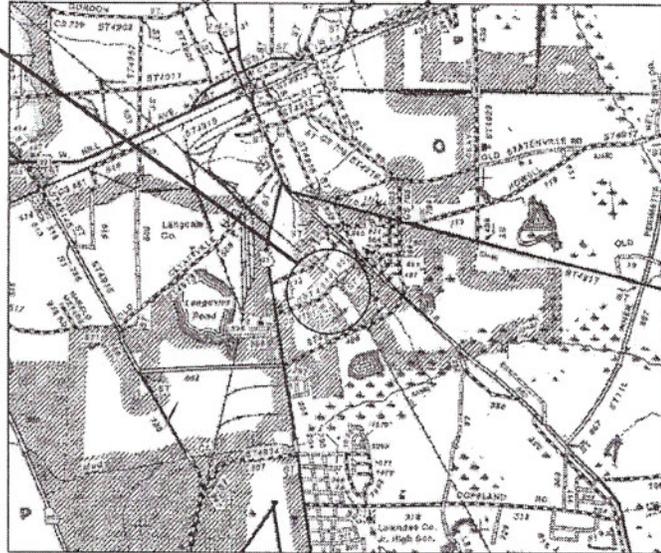
14 December, 2006
Project Concept Report Page: 1
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes

State of Georgia Department of
Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Project Concept Report

Project Location



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

Bridge Replacement on CS 1191/Tucker Road @ Dukes Bay Canal
Recommended for approval:

DATE: 12-19-06

DATE: 12-19-06

Ralph S. [Signature]
Project Manager

Joe W. Sheffield
District Engineer

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DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

Heed Bold
State Environmental/Location Engineer

DATE: 12-21-06

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

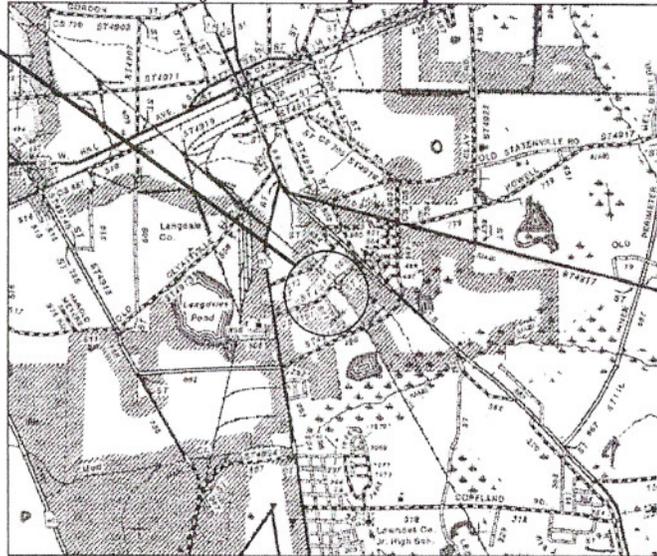
14 December, 2006
 Project Concept Report Page: 1
 Project Number: BR-0000-00(684)
 P. I. Number: 0000684
 County: Lowndes

State of Georgia Department of
 Transportation

DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA

Project Concept Report

Project Location



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

Bridge Replacement on CS 1191/Tucker Road @ Dukes Bay Canal
 Recommended for approval:

DATE: 12-19-06

DATE: 12-19-06

Ralph S. [Signature]
 Project Manager
Joe W. [Signature]
 District Engineer

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

DATE: 1/2/07

Angela J. Alexander
 State Transportation Planning Administrator

DATE: _____

 Financial Management Administrator

DATE: _____

 State Environmental/Location Engineer

DATE: _____

 State Traffic Safety and Design Engineer

DATE: _____

 Project Review Engineer

DATE: _____

 State Bridge Design Engineer

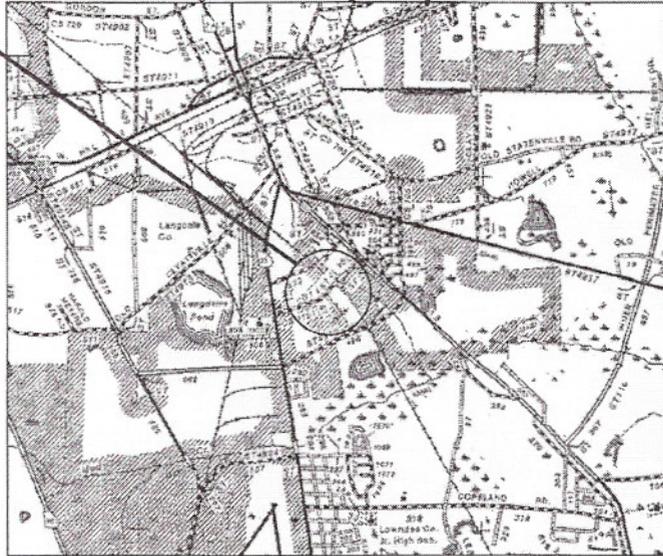
14 December, 2006
Project Concept Report Page: 1
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes

State of Georgia Department of
Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Project Concept Report

Project Location



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

Bridge Replacement on CS 1191/Tucker Road @ Dukes Bay Canal/
Recommended for approval:

DATE: 12-19-06

DATE: 12-19-06

Ralph S. [Signature]
Project Manager

Joe W. Sheffield
District Engineer

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DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: 1/4/07

Paul V. [Signature]
State Bridge Design Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number: BR-0000-00(684)		County: Lowndes		PI No.: 0000684	
Report Date: December 19, 2006		Concept By: DOT Office: District 4			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	100				
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

NOTICE OF LOCATION AND DESIGN APPROVAL

**BR-0000-00(684), Lowndes County
PI No. 0000684**

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 date of location approval is JANUARY 31, 2007.

Description of the project:

This project is the replacement of the narrow and structurally deficient bridge on City Street 1191/Tucker Road at Dukes Bay Canal approximately 1.5 miles southwest of Valdosta, Georgia, in the 11th Land District, Land Lot No. 78, and 109; this is located in Georgia Militia District 663. The proposed project will be approximately 0.43 miles in length.

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:

Jerry Hughes, Area Engineer
jerry.hughes@dot.state.ga.us
1411 Madison Hwy
Valdosta, GA 31601
(229) 333-5287

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:

Ralph S. Griffin, District Design Engineer
sandy.griffin@dot.state.ga.us
Georgia Department of Transportation
PO Box 7510
Tifton, GA 31793
(229) 386-3300

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.

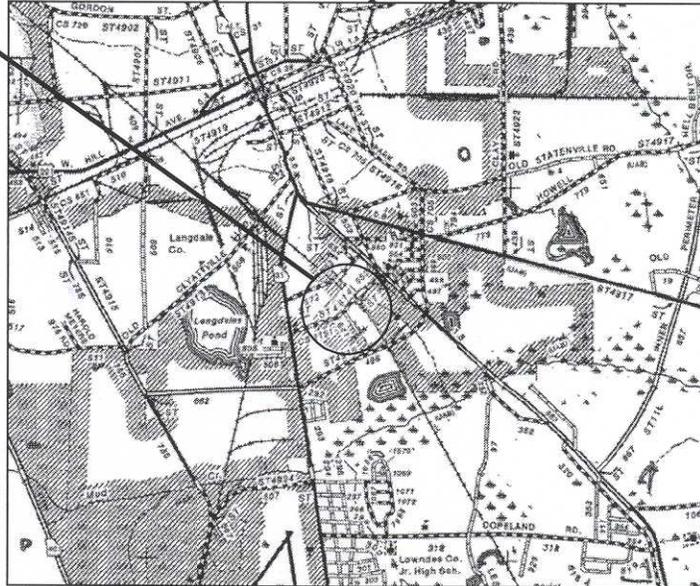
14 December, 2006
 Project Concept Report Page: 1
 Project Number: BR-0000-00(684)
 P. I. Number: 0000684
 County: Lowndes

State of Georgia Department of
 Transportation

DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA

Project Concept Report

Project Location



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

Bridge Replacement on CS 1191/Tucker Road @ Dukes Bay Canal
 Recommended for approval:

DATE: 12-19-06

DATE: 12-19-06

Ralph S. [Signature]
 Project Manager
Joe W. Sheffield
 District Engineer

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

DATE: _____

 State Transportation Planning Administrator

DATE: _____

 Financial Management Administrator

DATE: _____

 State Environmental/Location Engineer

DATE: _____

 State Traffic Safety and Design Engineer

DATE: _____

 Project Review Engineer

DATE: _____

 State Bridge Design Engineer

14 December, 2006
State of Georgia Department of Transportation
Project Concept Report Page: 2
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes



Project Location

14 December, 2006

State of Georgia Department of Transportation

Project Concept Report Page: 3

Project Number: BR-0000-00(684)

P. I. Number: 0000684

County: Lowndes

**NEED AND PURPOSE
PROJECT BR-0000-00(684) LOWNDES COUNTY
P.I. NO 0000684
Bridge Replacement
CS 1191/Tucker Road @ Dukes Bay Canal**

The existing bridge on CS-1191/Tucker Road, located immediately south of Valdosta and connecting SR-31/Madison Hwy (on the west) to SR-7 (on the east), carried an average of 800 vehicles per day (vpd) in the year 2004, which included school bus traffic. This traffic volume represents a Level-of-Service "A", which is acceptable. This two-lane bridge was constructed in 1955 and is not on a state or locally designated bike route.

The substructure condition rating for the bridge is a 1, and the sufficiency rating is 27.25. In accordance with GDOT MOG 2405-1, a substructure condition appraisal rating of 4 or less and a sufficiency rating less than 50 requires the bridge to be replaced. Therefore, this bridge meets the policy for replacement.

For the year 2010 (no build), traffic volumes are projected to be 950 vpd, and in 2030 (no-build) it is projected to be 1,500 vpd. For both scenarios the Level-of-Service will be "A", which is acceptable.

Because the bridge is considered structurally deficient, GDOT has proposed project BR-0000-00(684) to replace the existing bridge with a new structure. This project does not disproportionately burden or benefit any particular community. The land use within the project's vicinity is commercial and residential. Within the project's vicinity, there are two census tracts, CT 13185010800 and CT 13185011402. The minority population in 2000 (for census tract 13185010800) was 91.40%, and for 46.99% for CT013185011402. In 2000, the minority population for the state of Georgia was 34.9% and for Lowndes County minorities accounted for 38% according to the 2000 Census Data.

The project is considered to benefit to all of the communities that use this bridge for their daily commute.

Description of the project:

This project is the replacement of the narrow and structurally deficient bridge on City Street 1191/Tucker Road at Dukes Bay Canal approximately 1.5 miles southwest of Valdosta, Georgia, in the 11th Land District, Land Lot No. 78, and 109; this is located in Georgia Militia District 663. The proposed project will be approximately 0.43 miles in length.

14 December, 2006
State of Georgia Department of Transportation
Project Concept Report Page: 4
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes

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

PDP Classification: Major Minor
Federal Oversight: Full Oversight Exempt State Funded or
Others

Functional Classification: Urban Collector Street

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

Traffic (AADT):

Base Year: (2010) 950

Design Year: (2030) 1500

Existing Design Features:

- Typical Section:
CS 1191 – Urban roadway – two 12’ travel lanes total width, 5’ grass shoulders, open ditches
 - Posted Speed: 45 mph
 - Maximum degree curvature: None
 - Maximum Grade: 1.97 %
 - Width of right of way: 60 ft
 - Major structures: 24’ X 48’ Concrete Bridge
 - Major interchanges or intersections along the project: None
 - Existing length of roadway segment and the beginning mile logs for each county segment: Project begins at MP 0.11 and extends northward approximately 0.43 miles.

Proposed Design Features:

- Proposed typical section(s): Two 12 ft travel lanes, 6 ft grass shoulders, open ditches
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 1.10% Maximum grade allowable: 7 %
- Proposed Maximum grade Side Street: N/A % Maximum grade allowable: N/A %
- Proposed Maximum grade driveway: 10 %
- Proposed Maximum degree of curve: 5°00’ Maximum degree allowable: 9°45’

- Right of way

Width: Varies 90 ft. to 205 ft.

Easements: Temporary Permanent Utility Others

Type of access control: Full Partial By Permit Others

Number of parcels:

Number of displacements:

⇒ Business: 0

⇒ Residents: 0

⇒ Mobile homes: 0

⇒ Others: 0

- Structures:
 Bridges: One 32'x 150' Reinforced Concrete Bridge
- Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Roadway will be closed during construction..
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SITE DISTANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Design Variances: None anticipated

Environmental concerns: Wetland impact.

- Level of environmental analysis:
 - ⇒ Are Time Saving Procedures appropriate? Yes No
 - ⇒ Categorical Exclusion:
 - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) or
 - ⇒ Environmental Impact Statement (EIS) .

- Utility involvement:
 - The City of Valdosta
 - Atlanta Gas & Light
 - Colquitt EMC
 - Georgia Power Distribution
 - Mediacom
 - Windstream

14 December, 2006

State of Georgia Department of Transportation

Project Concept Report Page: 6

Project Number: BR-0000-00(684)

P. I. Number: 0000684

County: Lowndes

Project responsibilities:

- ⇒ Design: GDOT
- ⇒ Right of Way Acquisition: The City of Valdosta
- ⇒ Relocation of Utilities: Utility Owners
- ⇒ Letting to contract: GDOT
- ⇒ Supervision of construction: GDOT
- ⇒ Providing material pits: N/A
- ⇒ Providing detours: The City of Valdosta

Coordination:

- Initial Concept Meeting Date:

- Concept Meeting Date: Sept. 18, 2006

- P. A. R. Meeting Date: _____
- Public involvement: PIOH Detour meeting
- Local government comments: None
- Other projects in area: None
- Other coordination to date: None
- Railroads: Norfolk Southern

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 15 Months.
- Time to complete preliminary construction plans: 10 Months.
- Time to complete right of way plans: 4 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 10 Months.
- Time to complete to purchase right of way: 10 Months.
- List other major items that will affect the project schedule: Railroad involvement and coordination

14 December, 2006
State of Georgia Department of Transportation
Project Concept Report Page: 7
Project Number: BR-0000-00(684)
P. I. Number: 0000684
County: Lowndes

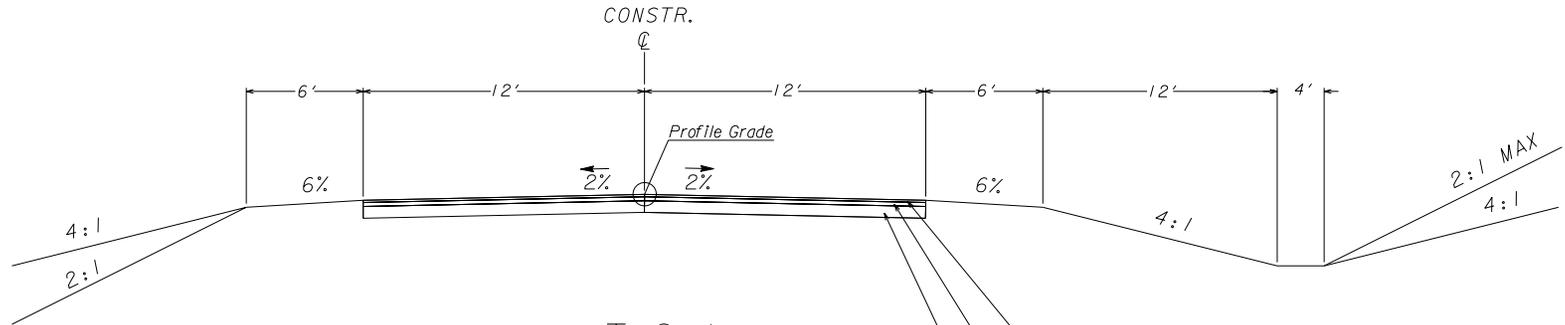
Other alternates considered:

Using the existing alignment and closing the road during construction was originally considered but this alternate would require a superelevated curve at the at grade railroad crossing; the existing curve does not contain superelevation which does not meet current standards and guidelines. This alternate was abandoned and replaced with a proposed roadway realignment providing a perpendicular at grade railroad crossing which will provide a safer at grade crossing. The roadway will remain closed during construction.

Comments:

Attachments:

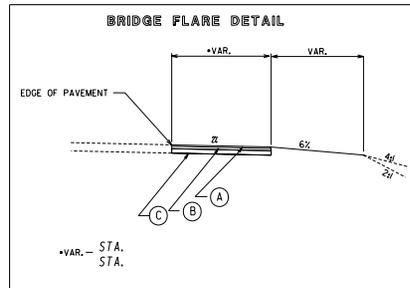
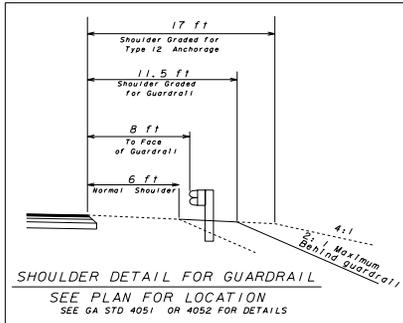
- 1. Typical Sections**
- 2. Cost Estimates**
- 3. Accident Summaries**
- 4. Traffic Assignments**
- 5. Bridge Inventory**
- 6. Minutes of Concept Meeting**
- 7. LGPA**
- 8. Location and Design Notice**
- 9. Preliminary Plan Layout**



T. S. 1
FULL DEPTH
STA. TO

SLOPE CONTROLS - FEET		
SLOPE	BACKSLOPE	FILL
4:1	0-5.0'	0-12.0'
3:1	--	--
2:1	> 5.0'	> 12.0'

NOTE:
CUT SLOPES MAY BE A MAXIMUM OF 2:1 TO REMAIN WITHIN THE RIGHTS OF WAY LIMITS. FILL SLOPES STEEPER THAN 4:1 WILL REQUIRE GUARDRAIL.



- (A) 125 LBS/SQ YD ASPHALT CONCRETE 9.5 mm TYPE 1 SUPERPAVE
- (B) 220 LBS/SQ YD ASPHALT CONCRETE 19 mm SUPERPAVE
- (C) 8 IN. GRADED AGGREGATE BASE

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE:
TYPICAL SECTIONS

Estimate Report for file "BR-0000-00(684)"

Section Roadway					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	Lump	LS	15000.00	TRAFFIC CONTROL - BR-0000-00(684)	15000.00
210-0100	Lump	LS	200000.00	GRADING COMPLETE - BR-0000-00(684)	200000.00
310-5080	4334	SY	15.07	GR AGGR BASE CRS, 8 INCH, INCL MATL	65313.38
318-3000	100	TN	17.21	AGGR SURF CRS	1721.00
402-1812	200	TN	58.91	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	11782.00
402-3131	350	TN	75.00	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	26250.00
402-3192	477	TN	72.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	34344.00
413-1000	250	GL	1.84	BITUM TACK COAT	460.00
433-1200	204	SY	178.97	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	36509.88
441-0301	2	EA	1876.27	CONC SPILLWAY, TP 1	3752.54
500-3101	2	CY	578.66	CLASS A CONCRETE	1157.32
550-2180	330	LF	28.99	SIDE DRAIN PIPE, 18 IN, H 1-10	9566.70
550-3618	10	EA	601.55	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	6015.50
576-1018	200	LF	26.13	SLOPE DRAIN PIPE, 18 IN	5226.00
634-1200	12	EA	104.82	RIGHT OF WAY MARKERS	1257.84
641-1100	84	LF	51.47	GUARDRAIL, TP T	4323.48
641-1200	456	LF	18.54	GUARDRAIL, TP W	8454.24
641-5001	2	EA	617.35	GUARDRAIL ANCHORAGE, TP 1	1234.70
641-5012	2	EA	1871.80	GUARDRAIL ANCHORAGE, TP 12	3743.60
Section Sub Total:					\$436,112.18

Section Tempory Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	3	AC	571.97	TEMPORARY GRASSING	1715.91
163-0240	87	TN	183.84	MULCH	15994.08
163-0300	4	EA	2872.37	CONSTRUCTION EXIT	11489.48
163-0520	400	LF	16.16	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	6464.00
163-0530	1500	LF	3.67	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	5505.00
165-0030	1125	LF	1.83	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	2058.75
165-0070	750	LF	2.29	MAINTENANCE OF BALED STRAW EROSION CHECK	1717.50
165-0101	4	EA	660.01	MAINTENANCE OF CONSTRUCTION EXIT	2640.04
167-1000	2	EA	1349.35	WATER QUALITY MONITORING AND SAMPLING	2698.70
167-1500	18	MO	1035.76	WATER QUALITY INSPECTIONS	18643.68
171-0030	2250	LF	3.84	TEMPORARY SILT FENCE, TYPE C	8640.00
Section Sub Total:					\$77,567.14

Section Permanent Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	6	AC	906.91	PERMANENT GRASSING	5441.46
700-7000	6	TN	58.05	AGRICULTURAL LIME	348.30
716-2000	600	SY	1.15	EROSION CONTROL MATS, SLOPES	690.00
Section Sub Total:					\$6,479.76

Section Signing & Marking					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	300	SF	20.72	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	6216.00
636-2070	112	LF	8.75	GALV STEEL POSTS, TP 7	980.00
652-5451	4200	LF	0.26	SOLID TRAFFIC STRIPE, 5 IN, WHITE	1092.00
652-5452	4200	LF	0.22	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	924.00
657-1054	300	LF	4.82	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	1446.00

657-5014	4	EA	861.70	PREFORMED PLASTIC PVMT MKG, WORDS AND/OR SYM,WHITE, TP PB	3446.80
657-8054	300	GLF	3.25	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	975.00
Section Sub Total:					\$15,079.80

Section Bridge No. 1					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	Lump	LS	28800.00	REMOVAL OF EXISTING BR, STA NO -	28800.00
543-9000	Lump	Lump Sum	480000.00	CONSTRUCTION OF BRIDGE COMPLETE	480000.00
603-2024	900	SY	53.68	STN DUMPED RIP RAP, TP 1, 24 IN	48312.00
603-7000	900	SY	4.83	PLASTIC FILTER FABRIC	4347.00
Section Sub Total:					\$561,459.00

Total Estimated Cost: \$1,096,697.88

Subtotal Construction Cost \$1,096,697.88

E&C Rate 10.0 % \$109,669.79

Inflation Rate 0.0 % @ 0.0 Years \$0.00

Total Construction Cost \$1,206,367.67

Right Of Way \$0.00

ReImb. Utilities \$0.00

Grand Total Project Cost \$1,206,367.67

QUERY SUMMARY

For Year(s): 2002,2003,2004,2005

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
2002	Lowndes	City Street	011910	000.00	999.99	0	0	0	0
2002 SubTotal						0	0	0	0
2003	Lowndes	City Street	011910	000.00	999.99	0	0	0	0
2003 SubTotal						0	0	0	0
2004	Lowndes	City Street	011910	000.00	999.99	0	0	0	0
2004 SubTotal						0	0	0	0
2005	Lowndes	City Street	011910	000.00	999.99	0	0	0	0
2005 SubTotal						0	0	0	0
All Year(s)Total						0	0	0	0

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(684), Lowndes County **OFFICE** Environment/Location
P.I. # 0000684
DATE February 2, 2006

FROM Harvey D. Keeper, State Environment/Location Engineer

TO Joe Sheffield, District Engineer
Attn: Ralph Griffin

SUBJECT Traffic Assignment for CS 1191/Tucker Rd. @ Dukes Bay Canal in S.
Valdosta.

We are furnishing estimated traffic assignment for the above project as follows:

Existing 2004 ADT = 800
2010 ADT = 950
2030 ADT = 1500
D = 50%
K = 11%
T = 2%
24 HR. T. = 3.5%
S.U. = 2%
COMB. = 1.5%

If you have any questions concerning this information please contact Rhonda Niles @ 404-699-4460.

HDK/RFN

Bridge Inventory Data Listing Georgia Department of Transportation.

Structure ID: 185-0084-0

Lowndes

SUFF. RATING: 21.70

Location & Geography				Signs & Attachements	
* Structure ID:	185-0084-0	*104Highway System:	0	225Expansion Joint Type:	02
200 Bridge Information:	06	*26 Functional Classification:	17	242Deck Drains:	1
*6A Feature Int:	DUKES BAY CANAL	*204Federal Route Type:	M No. 04914	243Parapet Location:	3.00
*6B Critical Bridge:	0	105Federal Lands Highway:	0	Height:	1.00
*7A Route Number Carried:	CS01191	*110Truck Route:	0	Width:	0.70
*7B Facility Carried:	TUCKER ROAD	206School Bus Route:	1	238Curb Height:	0.0
*9 Location:	VALDOSTA -SOUTH SECTION	217Benchmark Elevation:	0200.00	Curb Material:	0
2 DOT District:	4	218Datum:	1	239Handrail:	0 0
207 Year Photo:	2006	*19 Bypass Length:	01	*240Median Barrier Rail:	0
*91 Inspection Frequency:	24 Date: 1/25/2006	*20 Toll:	3	241Bridge 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	230Guardrail Loc. Dir. Rear:	0
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	*31 Design Load:	1	Fwd:	0
*4 Place Code:	78800	37 Historical Significance:	5	Oppo. Dir. Rear:	0
*5 Inventory Route (O/U):	1	205Congressional District:	02	Oppo. Fwd:	0
Type:	5	27 Year Constructed:	1955	244Approach Slab:	0
Designation:	1	106Year Reconstructed:	0000	224Retaining Wall:	0
Number:	04914	33 Bridge Median:	0	233Posted Speed Limit:	45
Direction:	0	34 Skew:	00	236Warning Sign:	0
*16 Latitude:	30 - 48.7300 HMMS Prefix:	35 Structure Flared:	0	234Delineator:	0
*17 Longitude:	083 - 16.0300 HMMS Suffix:	38 Navigation Control:	0	235Hazzard Boards:	0
	MP:0.00	213Special Steel Design:	0	237Utilities - Gas:	00
98 Border Bridge:	000 % Shared: 00	267Type of Paint:	1	Water:	00
99 ID Number:	0000000000000000	*42 Type of Service on:	1	Electric:	00
*100 STRAHNET:	0	Type of Service under:	5	Telephone:	00
12 Base Highway Network:	1	214Movable Bridge:	0	Sewer:	00
13ALRS Inventory Route:	1853119113	203Type Bridge:	C K M O	247Lighting - Street:	0
13BSub Inventory Route:	0	259Pile Encasement:	3	Navigation:	0
101 Parallel Structure:	N	*43 Structure Type Main:	3 02	Aerial:	0
*102 Direction of Traffic:	2	45 No. Spans Main:	003	*248County Continuity No.:	00
*264 Road Inventory Mile Post:	000.19	44 Structure Type Appr:	0 00		
*208 Inspection Area:	04 Initials: BCN	46 No. Spans Appr:	0000		
Engineer's Initial:	sgm	226Bridge Curve Horz:	0 Vert: 0		
		111Pier Protection:	0		
		107Deck Structure Type:	1		
* Location I.D. No.:	185-04914M-000.51E	108Wearing Surface Type:	1		
		Membrane Type:	0		
		Deck Protection:	8		

Structure ID: 185-0084-0

Programming Data		Measurements		Ratings	
201Project No.:	BUILT BY COUNTY	*29 ADT:	000780 Year: 2006	65 Inventory Rating Method:	2
202Plans Available:	0	109% Trucks:	2	63 Operating Rating Method:	2
249Prop. Proj. No.:	BR-0000-00 (684)	*28 Lanes On:	02 Under: 00	66 Inventory Type:	2 Rating: 01
250Approval Status:	0 0 0 0	210No. Tracks On:	00 Under: 00	64 Operating Type:	2 Rating: 02
251P.I. No.:	0000684	*48 Max. Span Length:	0016	231 Calculated Loads	
252Contract Date:	2/1/2006	*49 Structure Length:	48	H-Modified:	11 1
260Seismic No.:	00000	51 Br. Rwdy. Width:	24.20	HS-Modified:	19 1
75 Type Work:	31 1	52 Deck Width:	25.30	Type 3:	15 1
94 Bridge Imp. Cost:	\$70	*47 Tot. Horiz. Cl:	24.20	Type 3s2:	21 1
95 Roadway Imp. Cost:	\$52	50 Curb / Sidewalk Width:	0.00 / 0.00	Timber:	19 1
96 Total Imp Cost:	\$142	32 Approach Rdwy. Width:	021	Piggyback:	00 0
76 Imp. Length:	000259	*229Shoulder Width:		261 H Inventory Rating:	10
97 Imp. Year:	1990	Rear Lt:	6.1 Type: 8 Rt: 6.3	262 H Operating Rating:	14
114Future ADT:	001170 Year: 2026	Fwrd Lt:	5.8 Type: 8 Rt: 6.4	67 Structural Evaluation:	1
		Pavement Width:		58 Deck Condition:	5
		Rear:	20.6 Type: 2	59 Superstructure Condition:	5
			20.8 Type: 2	*227 Collision Damage:	0
		Intersection Rear:	1 Fwrd: 0	60ASubstructure Condition:	1
Hydraulic Data		36 Safety Features Br. Rail:	0	60BScour Condition:	7
215Waterway Data		Transition:	0	60CUnderwater Condition:	N
Highwater Elev.:	0192.1 Year: 1977	App. G. Rail:	0	71 Waterway Adequacy:	5
Flood Elevation:	0000.0 Freq.: 00	App. Rail End:	0	61 Channel Protection Cond.:	5
Avg. Streambed Elev.:	0186.2	53 Minimum Cl. Over:	99' 99 "	68 Deck Geometry:	4
Drainage Area:	00000	Under:	N 00' 00 "	69 UnderClr. Horz/Vert:	N
Area of Opening:	000450	*228Minimum Vertical Cl		72 Appr. Alignment:	7
113Scour Critical:	U	Act. Odm Dir.:	99' 99 "	62 Culvert:	N
216Water Depth:	02.0 Br. Height: 14.0	Oppo. Dir:	99' 99 "		
222Slope Protection:	6	Posted Odm. Dir:	00' 00 "	Posting Data	
221Spur Dikes Rear:	0 Fwrd: 0	Oppo. Dir:	00' 00 "	70 Bridge Posting Required:	0
219Fender System:	0	55 Lateral Undercl. Rt:	N 99.9	41 Struct Open, Posted, CL:	P
220Dolphin:	0	56 Lateral Undercl. Lt:	0.0	*103 Temporary Structure:	T
223Culvert Cover:	000	*10 Max Min Vert Cl:	99' 99 " Dir: 0	232 Posted Loads	
Type:	0	39 Nav Vert Cl:	000 Horiz: 0000	H-Modified:	11
No. Barrels:	0	116Nav Vert Cl Closed:	000	HS-Modified:	19
* Width:	0.00 Height: 0.00	245Deck Thickness Main:	6.00	Type 3:	15
* Length:	0 Apron: 0	Deck Thick. Approach:	0.00	Type 3s2:	21
265U/W Insp. Area:	0 Diver: ZZZ	246Overlay Thickness:	0.00	Timber:	19
		212Year Last Painted:	Sup: 1955 Sub: 0000	Piggyback:	00
Location I.D. No.:	185-04914M-000.51E			253 Notification Date:	2/1/1901
				258 Fed Notify Date:	2/1/1901

**Department of Transportation
State of Georgia**

**Concept Meeting Minutes
September 18, 2006**

Project No.: BR-0000-00(684), Lowndes County
PI No.: 0000684
Description: Bridge Replacement in Valdosta, GA CS 1191/Tucker Rd @ Dukes Bay Canal

A concept meeting for the subject project was held on September 18, 2006. The meeting was requested and conducted by Ralph Griffin, GDOT Project Manager. The meeting was held at the GDOT District Office in Tifton and began at 11:00 am. The meeting began with an outline of the Draft Concept Report. A sign in sheet was passed around and will be made a part of the minutes. Tracy Bullard read the need and purpose of the project.

Joe Burns, District Environmental Engineer, stated that the level of Environmental Analysis will be a Categorical Exclusion, and a USACOE 404 Nationwide Permit will be required. Mr. Burns stated that he did not anticipate any historical impacts on the project; however, he suggested that historical site surveys be conducted. He also stated that this project may need a mussel survey and that there would be wetland impacts.

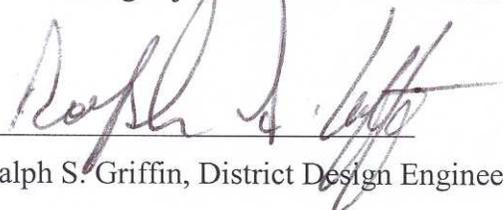
Tim Warren and Ken Cheek, representing the District Utility Department, stated that any existing easements needed to be shown on the plans. If any existing utilities needed to be re-located due to the new alignment, then reimbursements would be provided where needed.

Danny Gay, District Traffic Operations Manager, asked about the possibility of closing Tucker Road during construction and using Tucker Lane and Smith Avenue as a detour route. He asked Marty Carter, City of Valdosta, if there would be a problem with an off-site detour, and he said that would not be a concern.

Marty Carter, representing the city of Valdosta, said that there is an 8" sewer line running parallel with Tucker Road on the south side. The sewer pipe is exposed and has no support that is about 20-25' off the road.

Brent Thomas, District Preconstruction Engineer, mentioned to Danny Gay about contacting Norfolk Southern concerning the railroad intersection (lights, gates, bells, etc.). He also stated that using a design speed of 45 mph would help with the superelevation.

The meeting adjourned around 11:40 am.


Ralph S. Griffin, District Design Engineer

To J. Sko...
DCS

RECEIVED
APR 17 2000
DIST #4



Department of Transportation

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

April 11, 2000

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

FRANK L. DANCHETZ
CHIEF ENGINEER
(404)656-5277

STEVEN L. PARKS
DEPUTY COMMISSIONER
(404)656-5212

BILLY F. SHARP
TREASURER
(404)656-5224

Honorable James H. Rainwater
Mayor, City of VALDOSTA
P.O. Box 1125
Valdosta, Ga 31601

Dear Mayor Rainwater:

SUBJECT: LOCAL GOVERNMENT PROJECT AGREEMENT

**Project No. BR-0000-00(684) LOWNDES CO. PI # 0000684
REPLACE BRIDGE CS 1191/TUCKER ROAD @ DUKES BAY CANAL IN SOUTH VALDOSTA**

The Office of Programming has added the subject project to the Department's Construction Work Program. The City of VALDOSTA is requested to indicate support of this project by executing the attached Local Government Agreement and returning it to this office.

Any project not contained in the Transportation Improvement Plan (TIP) for your area and/or the Statewide Plan (STIP) will be submitted for addition. This action is required by Federal law in the Transportation Equity Act for the 21st Century (TEA-21). TEA-21 also requires that the cost of the projects in the TIP/STIP be balanced with available Federal funds.

If you choose not to commit to this project it may be delayed until additional funding can be found. If you commit but later are unable to keep this commitment or if you do not respond, this project will be delayed until it can be rescheduled in the TIP/STIP. The longer you wait to commit, the longer the project will be delayed. TEA-21 requires long range planning.

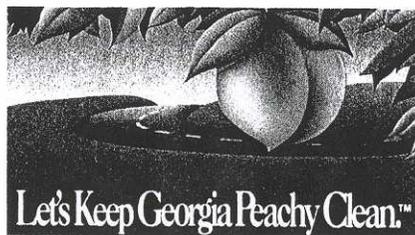
If you have any questions, feel free to call me at (404) 656-5320 or David Crim, District Engineer in Tifton at your convenience.

Sincerely yours,

Herman T. Griffin P. E.
State Transportation Programming Engineer

HTG/cs
Attachment
cc: David Crim
Tifton District

4-20-00
Copy to:
Utilities
Files





Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

April 11, 2000

WAYNE SHACKELFORD
COMMISSIONER
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TREASURER
(404)656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the City of VALDOSTA agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0000-00(684) LOWNDES CO., PI # 0000684:

BRIDGES

CS 1191/TUCKER ROAD @ DUKES BAY CANAL IN SOUTH VALDOSTA

Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

Furnish detours, local borrow & waste pits as needed.

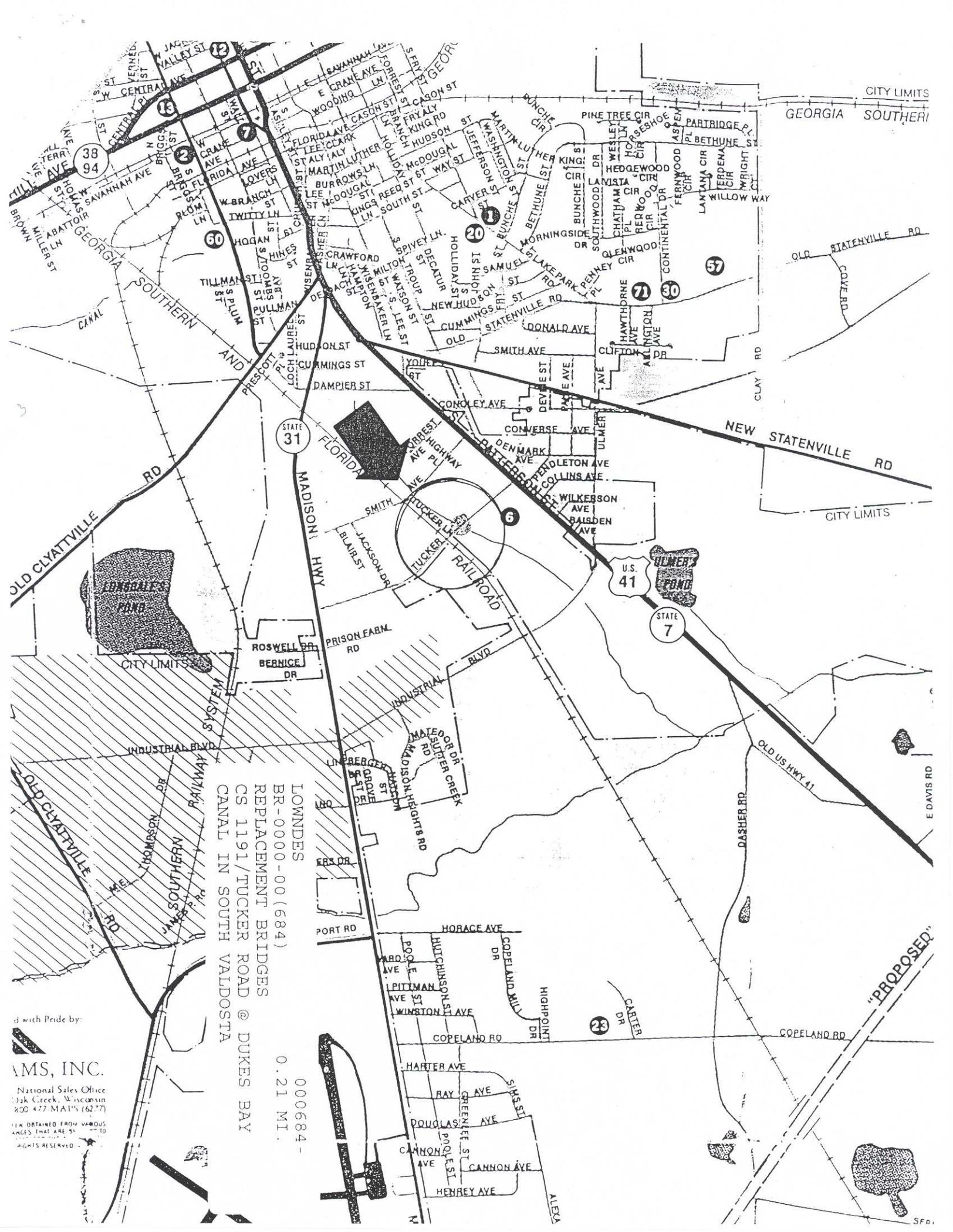
We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

This 13th day of June, 2000

APPROVED

City/County Official





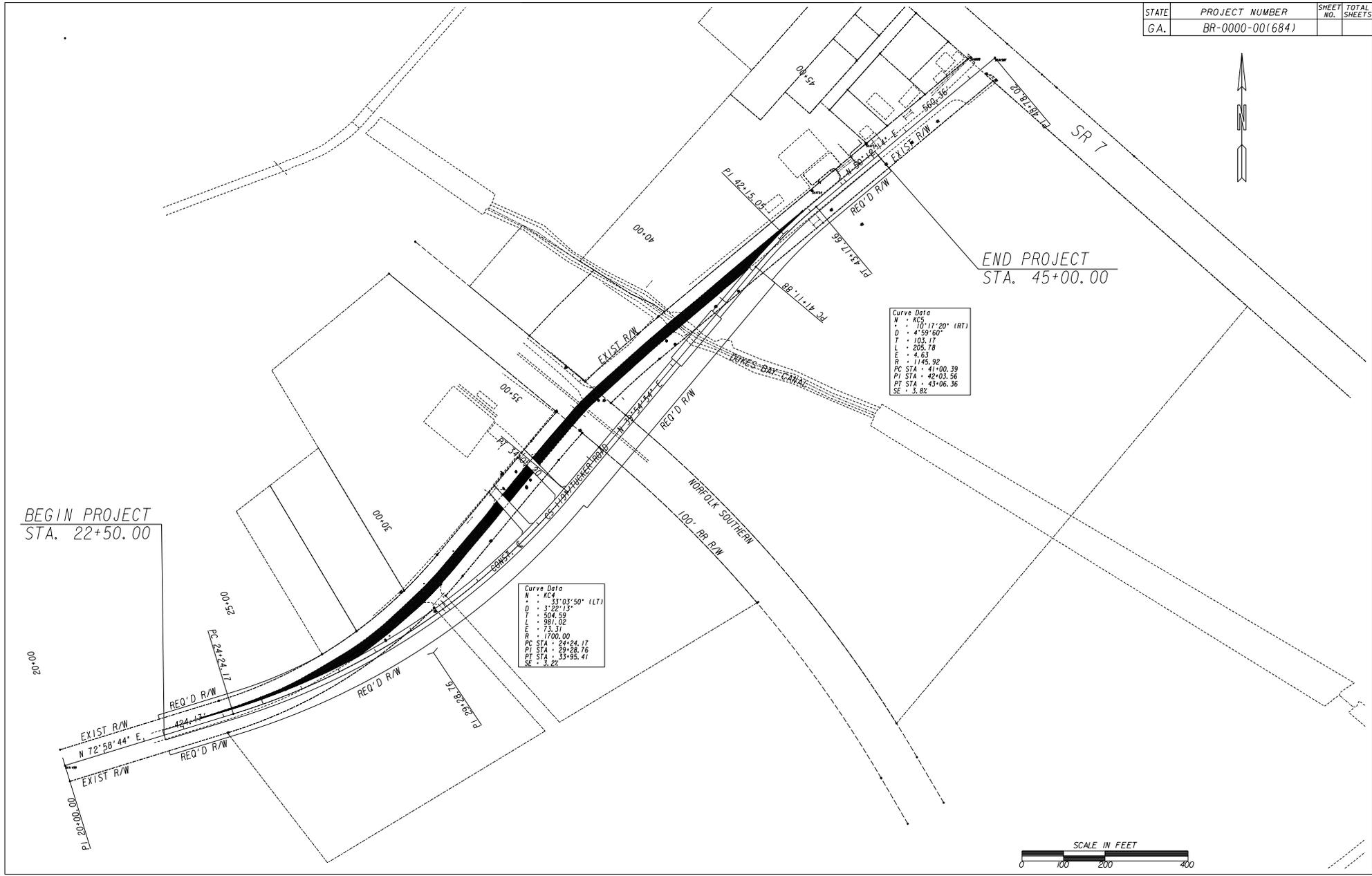
LOWNDES
 BR-0000-00 (684)
 REPLACEMENT BRIDGES
 CS 1191/TUCKER ROAD @ DUKES BAY
 CANAL IN SOUTH VALDOSTA

000684-
 0.21 MI.

with Pride by:
AMS, INC.
 National Sales Office
 Oak Creek, Wisconsin
 800 477-MAINS (6277)
 INFORMATION OBTAINED FROM VARIOUS
 SOURCES THAT ARE 5'
 1" = 100'
 RIGHTS RESERVED

"PROPOSED"

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
G.A.	BR-0000-00(684)		



BEGIN PROJECT
STA. 22+50.00

END PROJECT
STA. 45+00.00

Curve Data

N	• KC5
A	• 10°17'20" (RT)
D	• 4°59'60"
T	• 103.17
L	• 205.78
E	• 4.63
R	• 1145.92
PC STA	• 41+00.39
PI STA	• 42+03.56
PT STA	• 43+06.36
SE	• 3.8%

Curve Data

N	• KC4
A	• 33°03'50" (LT)
D	• 3°22'13"
T	• 504.59
L	• 981.02
E	• 73.3
R	• 1700.00
PC STA	• 24+24.17
PI STA	• 29+28.76
PT STA	• 33+95.41
SE	• 5.2%



SHOWDATE TIME*****
DGN#SPEC IF ICATION*****