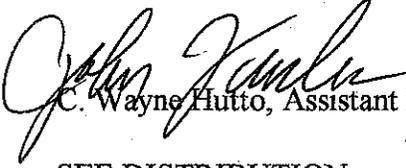


ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1143(2) Wayne County **OFFICE** Preconstruction
P. I. No. 542425
DATE April 2, 2002
FROM  C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

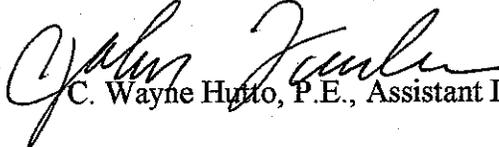
David Mulling
Harvey Keeper
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Gary Priester
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-1143(2) Wayne County **OFFICE** Preconstruction
P.I. No. 542425

DATE March 19, 2002

FROM  C. Wayne Hutto, P.E., Assistant Director of Preconstruction

TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on SR 203 over Reedy Creek, 1.1 miles east of the Appling county line. The existing bridge, constructed in 1957, is load limited with a sufficiency rating of 53. The original design load capacity is H-15. In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement. State Route 203 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. Traffic is projected to be 1,400 VPD and 2,550 VPD in the years 2009 and 2029 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to relocate SR 203 south of its present location, extending a total of 0.54 mile. The proposed new bridge will be 200' x 40' and will be located just south of the existing bridge structure. The relocated SR 203 will consist of two, 12' lanes with 10' rural shoulders (2' paved). Traffic will be maintained on the existing bridge while the proposed bridge is constructed.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$1,194,000	\$1,100,000	2007	05-07
Right-of-Way	\$ 10,000	\$ 10,000		
Utilities*	LGPA	LGPA		

*Wayne County signed LGP for utilities 5-30-00.

Frank L. Danchetz
Page 2

BRST-1143(2) Wayne
March 19, 2002

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

CWH:JDQ/cj

Attachment

CONCUR Thomas L. Turner
Thomas L. Turner, P.E., Director of Preconstruction

APPROVE Frank L. Danchetz
Frank L. Danchetz, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE **BRST-1143(2) Wayne County**
SR 203 over Reedy Creek 1.1 mi E of Appling County Line
P.I. No. 542425-

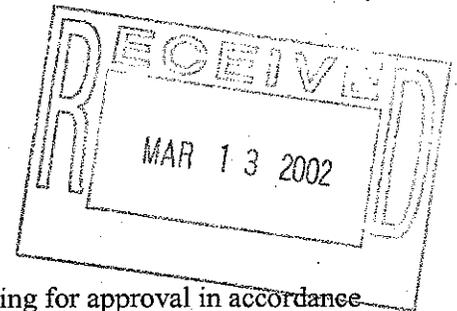
OFFICE Atlanta

FROM *James B. Buchan*
James B. Buchan, State Consultant Design Engineer

DATE March 12, 2002

TO Wayne Hutto, Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**



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

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

If you have any questions or require further information please call Otis Clark at (404)463-6265 or Rodney Givens of Parsons Transportation Group, Inc. at (404) 893-9950.

Distribution:

David Mulling, Project Review Engineer
Harvey Keeper, State Environmental/Location Engineer
Phillip Allen, State Traffic Safety and Design Engineer
Marta Rosen, State Transportation Planning Administrator
Herman Griffin, Office of Financial Management Administrator
Gary Priester, District Engineer – Jesup
Paul Liles, State Bridge & Structural Engineer

JBB
JBB:MBA:OC

cc: Parsons Transportation Group, Inc.

March 6, 2002

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

Project Concept Report

Project Number: BRST-1143 (2)
County: Wayne
P. I. Number: 542425

Federal Route Number:
State Route Number: 203

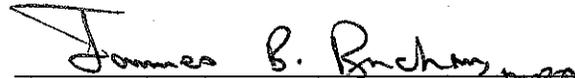
Recommendation for Approval:

DATE 3-12-02



Project Manager

DATE 3-12-02


State Consultant Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

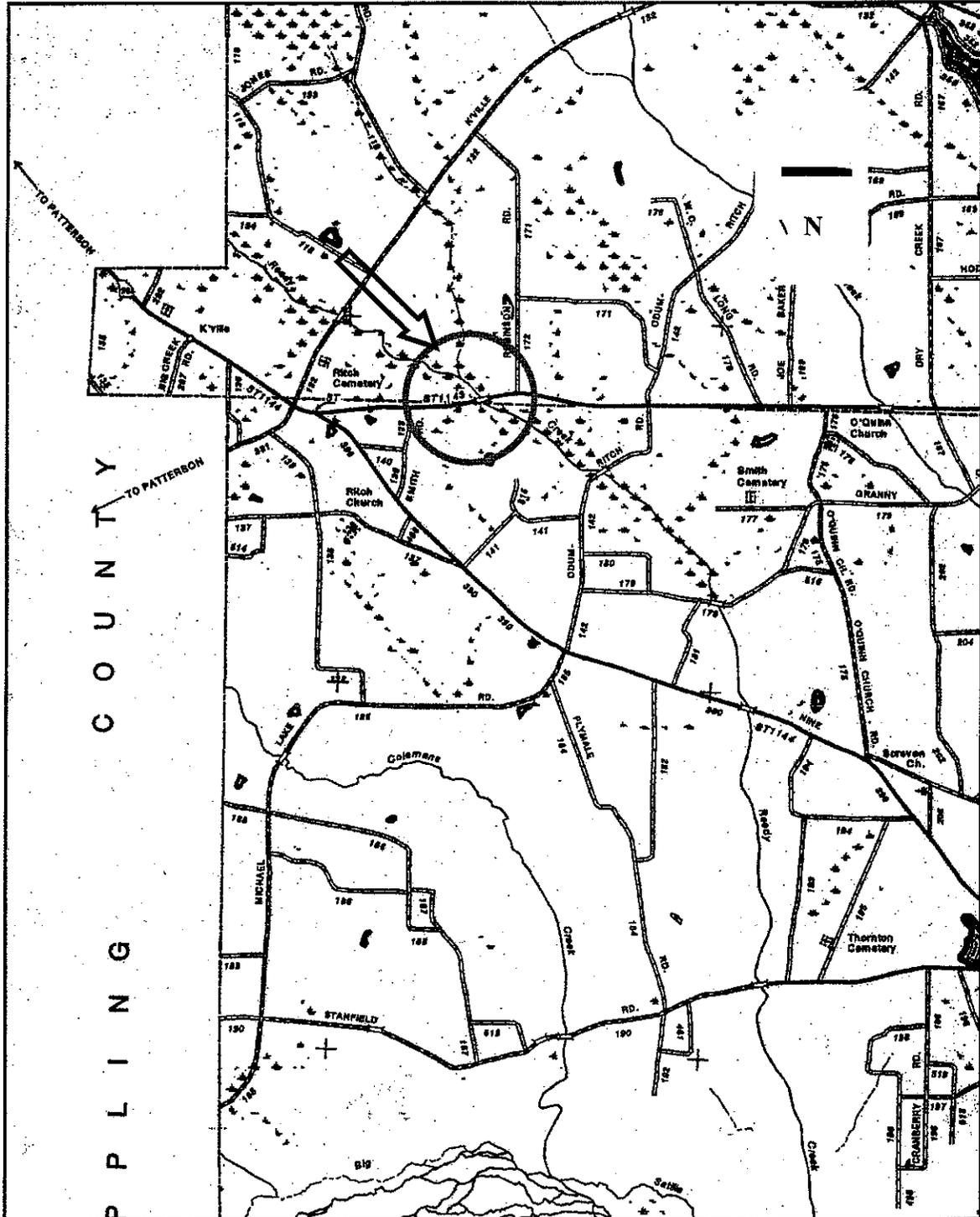
DATE _____

State Bridge Design Engineer

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 2
Project Number: BRST-1143(2)
P.I. Number: 542425
County: Wayne



Scale: 1 inch = 1 mile

Location Map

Project: BRST-1143(2) WAYNE County PI No.: 542425-
Description: SR 203 @ REEDY CREEK 1.1 MI E OF APPLING CO LINE

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 3
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

NEED AND PURPOSE:

Bridge project BRST-1143(2) proposes to replace the structurally deficient bridge that is located on State Route 203 over Reedy Creek, 1.1 miles east of the Appling County line. The existing bridge has a design live load of H-15 and therefore does not meet current standards under GDOT policy 2405-1. In addition to replacing the existing bridge (that has a temporary shored structure) with a structurally adequate bridge, the existing 32.2 feet bridge deck width will be replaced with a new bridge meeting the GDOT policy 4265-10 requiring a bridge width clear distance of 40 feet.

This section of SR 203 is functionally classified as a rural major collector, is a designated school bus route, and has a posted speed limit of 55 MPH. The existing bridge was constructed in 1957 and is not on a route identified in GDOT's Statewide Bicycle & Pedestrian Plan. Land use along this project is primarily agricultural. There are no other GDOT projects in the area.

The average annual daily traffic (AADT) on this section of roadway was 814 in the year 2000. Ten percent of the traffic volume is truck traffic. The year 2009 AADT is expected to be 1,400 which represents a Level of Service "A". The projected year 2029 traffic is 2,550 AADT which represents a Level of Service "B".

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%.

Replacing this bridge will bring it up to current design standards.

DESCRIPTION OF THE PROPOSED PROJECT:

The proposed project is approximately 0.65 miles long, beginning at mile 3.03 and ending at mile 2.38 along SR 203, and is located 1.1 mile east of Appling County line.

The new bridge will be constructed on new alignment to the south of the existing bridge with a centerline-to-centerline offset of nearly 60 feet and is to be constructed while maintaining traffic on the existing roadway. The termini of the project were determined to provide sufficient length for the proposed road to connect the new structures and the existing tangents, and for a smooth transition from new to existing pavement.

This concept satisfies the Need and Purpose by replacing the existing structure with a 40-foot gutter to gutter) bridge of adequate structural integrity and capacity for the projected 2029

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Project Concept Report Page 4
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

AADT in accordance to MOG 2450-1, the Structural Evaluation Rating, and the Sufficiency Rating procedure.

IS THE PROJECT LOCATED IN A NON-ATTAINMENT AREA? No.

PDP Classification : Major _____ Minor X

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

Functional Classification: _____ Rural Major Collector

U.S. Route Number(s): _____ **State Route Number(s):** 203

Traffic (AADT):
Current Year: (2009) 1400 Design Year: (2029) 2550

EXISTING DESIGN FEATURES:

Typical Section: Two 12-foot rural lanes, with 50 feet of right-of-way on both sides of the roadway.

Posted Speed 55 mph Maximum degree of curvature: 3° 00'

Maximum grade Mainline: 3.5 %

Maximum grade Crossroads: N/A %

Maximum grade Driveways: N/A %

Major Structures: The existing bridge consists of eighteen 34-foot concrete I-beam spans.

S. RTG: 53.3 LENGTH: 102 feet WIDTH: 25.7 feet

MAJOR INTERCHANGES OR INTERSECTIONS: Reedy Creek intersects the bridge structure itself. SR 203 intersects Smith Road west of the beginning of the bridge and Robinson Road east of the bridge.

MILE POINT REFERENCE:

BEGIN 3.03 END 2.38

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Project Concept Report Page 5
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

PROPOSED DESIGN FEATURES:

PROPOSED TYPICAL SECTION(S): The proposed roadway will consist of two 12-foot travel lanes with 10-foot wide shoulders.(2-ft paved and 8-ft unpaved) See typical section attached.

Proposed Design Speed Mainline: 55 mph

Proposed Maximum grade Mainline: 3.5 % Maximum grade allowable: 5.5 %

Proposed Maximum grade Side Street: N/A % Maximum grade allowable: N/A %

Proposed Maximum grade Driveway: N/A %

Proposed Maximum degree of curve: 2° 18' Maximum degree allowable: 6° 00'

RIGHT OF WAY

Width varies between 70 feet and 50 feet

Easements: Temporary (X), Permanent (X), Utility (), Other ().

Type of access control: Full (), Partial (), By Permit (X), Other ()

Number of Parcels: 9.0 Number of displacements:

Business: None

Residences: None

Mobile homes: None

Other: None

STRUCTURES: The proposed bridge will be 40-foot (gutter to gutter) wide, consisting of two 12-foot travel lanes and 8-foot shoulders. The bridge is expected to be approximately 200 feet long.

MAJOR INTERSECTIONS AND INTERCHANGES: The project on SR 203 intersects Reedy Creek intersects the bridge structure itself. SR 203 intersects Smith Road west of the bridge and Robinson Road east of the bridge.

TRAFFIC CONTROL DURING CONSTRUCTION: Two-way traffic will be maintained on the existing bridge while the proposed bridge is constructed. Once the proposed structure and

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Department Of Transportation

Project Concept Report Page 6
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

approaches are complete, the old bridge will be demolished.

Design Exceptions to controlling criteria anticipated: No

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

Design Variances: None

ENVIRONMENTAL CONCERNS: Environmental study in process.

Permits

Corp of Engineers Section 404 Permit,
Federal Emergency Management Agency (FEMA),

Probable locations of USTS: None identified.

Probable location of hazardous waste: None identified.

Utility involvements: *(Communications, Power, etc.)*

Buried telephone cable located on the north side of the bridge. Other utilities to be determined.

Local government commitments: Wayne County signed for the utilities on 5-30-00

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State of Georgia
Department Of Transportation

Project Concept Report Page 7
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

Project responsibilities:

Design, Parsons Transportation Group
Right of Way Acquisition, GDOT
Relocation of Utilities, LGPA (Wayne County)
Letting of contract, GDOT
Supervision of construction, GDOT
Providing material pits, Contractor
Providing detours, Parsons Transportation Group

COORDINATION

CONCEPT TEAM MEETING DATE: 02/04/2002

CONFORMS TO TIP/STIP? Yes

MEETS LOGICAL TERMINI REQUIREMENTS? Yes

P.A.R. MEETING: None

LEVEL OF ENVIRONMENTAL ANALYSIS: CE Anticipated

PUBLIC INVOLVEMENT: None

TIME SAVINGS PROCEDURES APPROPRIATE: Yes

OTHER PROJECTS IN THE AREA: None

RAILROADS: None

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State of Georgia
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Project Concept Report Page 8
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

SCHEDULING

Time to complete the environmental process:	9 Months
Time to complete preliminary construction plans:	3 Months
Time to complete right of way plans:	3 Months
Time to complete the Section 404 Permit:	3 Months
Time to complete final construction plans:	3 Months
Time to complete to purchase right of way:	9 Months

OTHER ALTERNATES CONSIDERED:

- (1) Build proposed bridge on same alignment as existing bridge by using an on-site temporary detour to maintain existing traffic
- (2) Build proposed bridge on same alignment as the existing bridge by using an off site detour route to maintain existing traffic.
- (3) No Build.

COMMENTS: Alternate (1) was eliminated due to higher costs resulting from construction of the temporary bridge and due to the high volume of truck traffic (See cost estimate attached.) Alternate (2) was eliminated due to public inconvenience. An off site detour would re-route traffic for approximately 3 miles, disrupting the highly traveled truck traffic. Also, a significant fee would be incurred due to the daily monitoring and maintenance of detour and construction warning signs and barriers. Alternate (3) was eliminated due to long-term maintenance cost of structurally deficient bridge.

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Project Concept Report Page 9
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

ATTACHMENTS:

1. Cost Estimates-Proposed:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Cost Estimates-Alternate (1) Temporary Detour
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
3. Cover Sheet,
4. Typical Sections,
5. Bridge Inventory,
6. Notice of Location and Design Approval,
7. LGPA, Wayne County
8. Minutes of Meeting

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State of Georgia
Department Of Transportation

Project Concept Report Page 10
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

Attachment 1

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BRST-1143(2)

COUNTY: Wayne

DATE: February 26, 2002

ESTIMATED LETTING DATE:

PREPARED BY: Parsons Transportation Group

PROJECT LENGTH: 0.65 miles

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT) 3.10 Acres @ 2,000 / Non-commercial acre	\$ 10,000
2. DISPLACEMENTS: RES:0; BUS:0; M.H.:0	\$ -
3. OTHER COST (ADM./COST, INFLATION)	\$ -
SUBTOTAL A:	\$ 10,000
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	
2. TRANSMISSION LINES	\$ 12,000
3. SERVICES	
SUBTOTAL B:	\$ 12,000
C. CONSTRUCTION	
1. MAJOR STRUCTURES	
a. BRIDGE- SR 203 Bridge over Reedy Creek (200' L X 40' W) @ \$53 / SF	\$ 424,000
b. BRIDGE - SR 203 Existing Bridge Demolition (102' L X 32' W) @ \$10 / SF	\$ 32,640
SUBTOTAL C-1:	\$ 456,640
2. GRADING AND DRAINAGE:	
a. EARTHWORK-- 29414 CuYds--S.R. 203 @ \$2.44	\$ 72,644
b. DRAINAGE:	
1) 40'-18" RCP & 2 Drop Inlets	\$ 4,144
SUBTOTAL C-2:	\$ 76,788

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Project Concept Report Page 11
Project Number: BRST--1143(2)
P.I. Number: 542425
County: Wayne

Attachment 1 (cont'd)

3. BASE AND PAVING:		
a. ASPHALT PAVING: 1.5" Asph. Surface- 824.56 TN @ \$36.06/TN	\$	29,734
4" Asphalt Surface--2198.83 TN--@\$38.22/T	\$	84,039
Tack Coat-- 1049.44 gallons @ \$0.91	\$	637
Gross Aggr Base: 6"-- 10728 SY--@ \$7.00/SY	\$	75,096
SUBTOTAL C-3.b		\$ 189,506
b. Reinforce Concrete Approach Slab 283.34 SY@ \$116.83/SY	\$	33,103
c. PERMANENT GRASSING--3.95 Ac @ \$41.53/lb (30 LB/Ac)	\$	4,921
d. AG. LIME--3.95 Ac @ \$53.92/TN (3.0 TN/Ac)	\$	639
e. Fertilizer mixed grade--3.95 Ac @ \$235.39/TN (0.9TN/Ac)	\$	837
f. Fertilizer Nitrogen Content-- 3.95 Ac @ \$1.85/LB (50 LB/Ac)	\$	365
SUBTOTAL C-3:		\$ 229,371
4. LUMP ITEMS:		
a. EROSION CONTROL	\$	38,878
b. TRAFFIC CONTROL	\$	150,000
SUBTOTAL C-4:		\$ 188,878
5. MISCELLANEOUS:		
a. SIGNING -MARKING	\$	7,772
b. GUARDRAIL - Install new guardrail 500 LF @ \$49.51/LF	\$	24,755
SUBTOTAL C-5:		\$ 32,527
6. SPECIAL FEATURES-		\$ -
SUBTOTAL C-6:		
SUBTOTAL C:		\$ 984,204

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 12
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

Attachment 1 (cont'd)

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		
	\$	10,000
B. REIMBURSABLE UTILITIES		
	\$	12,000
C. CONSTRUCTION		
1. MAJOR STRUCTURES		
	\$	456,640
2. GRADING AND DRAINAGE:		
	\$	76,788
3. BASE AND PAVING:		
	\$	229,371
4. LUMP ITEMS:		
	\$	188,878
5. MISCELLANEOUS:		
	\$	32,527
6. SPECIAL FEATURES		
	\$	-
SUBTOTAL CONSTRUCTION		
	\$	984,204
INFLATION (5% PER YEAR)		
	\$	100,881
NUMBER OF YEARS	2.0	
E. & C. (10%)		
	\$	108,509
TOTAL CONSTRUCTION COST		
	\$	1,193,594
GRAND TOTAL PROJECT COST		
	\$	1,215,594

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 13
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

Attachment 2

ALTERNATIVE COST ESTIMATE (ON SITE DETOUR)

PROJECT NUMBER: BRST-1143(2)

COUNTY: Wayne

DATE: February 26, 2002

ESTIMATED LETTING DATE:

PREPARED BY: Parsons Transportation Group

PROJECT LENGTH: 1826 ft (0.31 miles)

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT) 1.32 Acres @ 2,000 / Non-commercial acre	\$ 3,000
2. DISPLACEMENTS: RES:0; BUS:0; M.H.:0	\$ -
3. OTHER COST (ADM./COST, INFLATION)	\$ -
SUBTOTAL A:	\$ 3,000
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	
2. TRANSMISSION LINES	\$ 12,000
3. SERVICES	
SUBTOTAL B:	\$ 12,000
C. CONSTRUCTION	
I. MAJOR STRUCTURES	
a. BRIDGE- SR 203 Bridge over Reedy Creek (200' L X 40' W) @ \$53 / SF	\$ 424,000
b. BRIDGE - SR 203 Existing Bridge Demolition (102' L X 32' W) @ \$10 / SF	\$ 32,640
c. TEMPORARY BRIDGE - SR 203 (120' L X 32' W) @ \$30 / SF	\$ 115,200
SUBTOTAL C-1:	\$ 571,840
2. GRADING AND DRAINAGE:	
a. EARTHWORK-- 24766 CuYds--S.R. 203 @ \$2.44	\$ 60,429
b. DRAINAGE: 40'-18" RCP & Drop Inlet (4144)	
	\$ -
SUBTOTAL C-2:	\$ 64,573

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 14
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

Attachment 2 (cont'd)

3. BASE AND PAVING:		
a. ASPHALT PAVING: 1.5" Asph. Surface- 900 TN @ \$36.06/TN	\$	32,454
4" Asphalt Surface--2198 TN--@\$38.22/T	\$	84,008
Tack Coat-- 1050 gallons @ \$0.91	\$	956
Gross Aggr Base: 6"-- 10728 SY--@ \$7.00/SY	\$	75,096
	SUBTOTAL C-3.b	\$ 192,514
b. Reinforce Concrete Approach Slab 284 SY@ \$116.83/SY	\$	33,180
c. PERMANENT GRASSING--3.5 Ac @ \$41.53/lb (30 LB/Ac)	\$	4,361
d. AG. LIME--3.5 Ac @ \$53.92/TN (3.0 TN/Ac)	\$	566
e. Fertilizer mixed grade--3.5 Ac @ \$235.39/TN (0.9TN/Ac)	\$	742
f. Fertilizer Nitrogen Content-- 3.5 Ac @ \$1.85/LB (50 LB/Ac)	\$	324
	SUBTOTAL C-3:	\$ 231,687
4. LUMP ITEMS:		
a. EROSION CONTROL	\$	18,381
b. TRAFFIC CONTROL	\$	150,000
	SUBTOTAL C-4:	\$ 168,381
5. MISCELLANEOUS:		
a. SIGNING - MARKING	\$	7,888
b. GUARDRAIL - Install new guardrail 550 LF @ \$49.51/LF	\$	27,231
c. GUARDRAIL - Remove old guardrail 400 LF @ \$2.90/LF	\$	1,160
	SUBTOTAL C-5:	\$ 36,279
6. SPECIAL FEATURES-		\$ -
	SUBTOTAL C-6:	
	SUBTOTAL C:	\$ 1,072,760

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 15
Project Number: BRST—1143(2)
P.I. Number: 542425
County: Wayne

Attachment 2 (cont'd)

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		
	\$	3,000
B. REIMBURSABLE UTILITIES		
	\$	12,000
C. CONSTRUCTION		
1. MAJOR STRUCTURES		
	\$	571,840
2. GRADING AND DRAINAGE:		
	\$	64,573
3. BASE AND PAVING:		
	\$	231,687
4. LUMP ITEMS:		
	\$	168,381
5. MISCELLANEOUS:		
	\$	36,279
6. SPECIAL FEATURES		
	\$	-
SUBTOTAL CONSTRUCTION		
	\$	1,072,760
INFLATION (5% PER YEAR)		
	\$	109,958
NUMBER OF YEARS	2.0	
E. & C. (10%)		
	\$	118,272
TOTAL CONSTRUCTION COST		
	\$	1,300,990
GRAND TOTAL PROJECT COST		
	\$	1,315,990

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

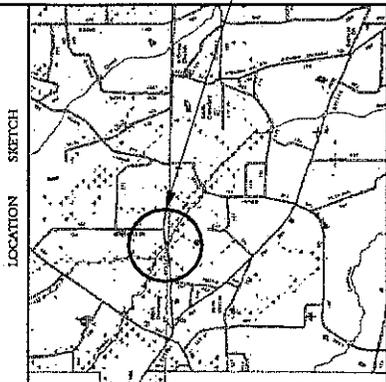
PLAN AND PROFILE OF PROPOSED BRIDGE REPLACEMENT ON S.R. 203 OVER REEDY CREEK 1.1 MILE EAST OF APPLING COUNTY LINE FEDERAL AID PROJECT BRST-1143(2)

MID POINT COORDINATES
 NORTH (Y) = 566346.6550
 EAST (X) = 675624.7000
 STA. 24+05.71

**PARSONS
 TRANSPORTATION GROUP**
 255 PEACHTREE ST., NE, SUITE 1710
 ATLANTA, GA 30303



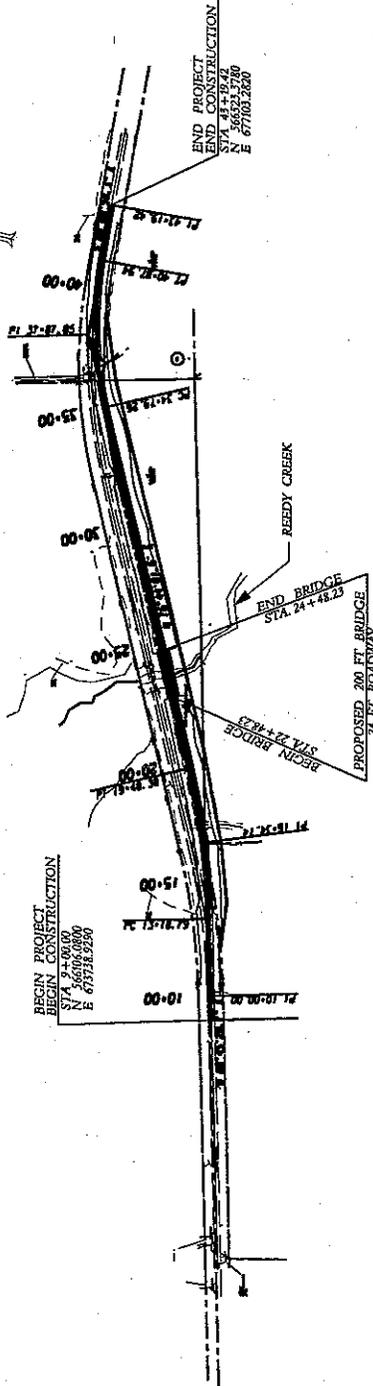
END PROJECT
 END CONSTRUCTION
 (SR 203) STA. 43+19.42 ±
 REEDY CREEK BRIDGE



NOTE: THE CO-ORDINATES LISTED ARE EAST ZONE
 GCS-8300 AND ARE BASED ON THE 1983 STATE PLANE
 CO-ORDINATE SYSTEM. SOURCE: DATUM 1983
 HORIZONTAL DATUM 1983



GEORGIA D.O.T. P.L. No. 54645
 STATE ROUTE No. 203
 CERTIFICATION ACCEPTANCE PROJECT



SCALE IN FEET

0	250	500	1000
---	-----	-----	------

BRST-1143(2)	COUNTY NO.	54
WAYNE COUNTY	COUNTY NAME	WAYNE
PI NUMBER 54205	PI NUMBER	54205
5.4	LENGTH OF PROJECT	5.4
0.617	NET LENGTH OF ROADWAY	0.617
0.039	NET LENGTH OF PROJECT	0.039
0.09	NET LENGTH OF BRIDGES	0.09
0.15	BRIDGE LENGTH OF PROJECT	0.15

FUNCTIONAL CLASSIFICATION

URBAN ARTERIAL

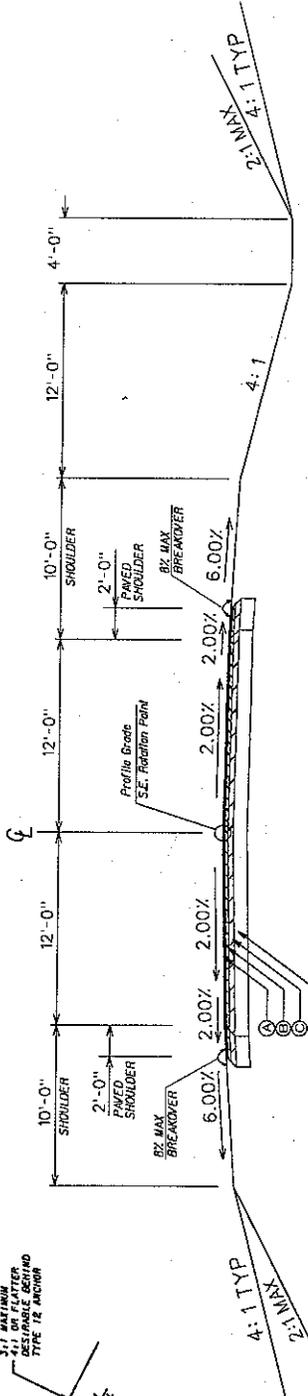
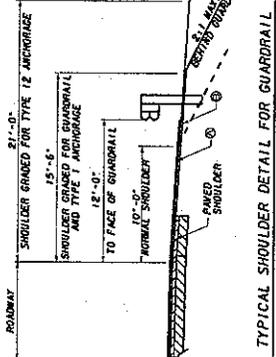
DESIGN DATA:	(2009) S.R. 203	(2029) S.R. 203
TRAFFIC A.D.T.:	1400	2550
TRAFFIC DIV.:	2550	EACH WAY
DIRECTIONAL DIST.:	50%	
% TRUCKS:	70 %	(74 HRS)
DESIGN SPEED:	55	MPH
RAISED BRIDGE:	MPH	
LOOP RAMP BRIDGE:	MPH	

THIS PROJECT IS LOCATED 100% IN WAYNE COUNTY AND CONGRESSIONAL DISTRICT 5.

NOTE: ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, SHALL BE TO THE PROJECT NUMBER AND SHEET NUMBER OF THIS DRAWING, UNLESS OTHERWISE SPECIFIED. THE DEPARTMENT OF TRANSPORTATION, GEORGIA STATE HIGHWAY DEPARTMENT, HIGHWAY DEPARTMENT OR DEPARTMENT WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA MEAN, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION. THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS, OR IN ANY WAY INDICATED THEREBY, WHETHER BY CHANGE OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF THE ACTUAL CONDITIONS OF THE PROJECT. THE ATTENTION OF THE USER IS SPECIFICALLY DIRECTED TO SUGGESTIONS (2024, 1024, 1024, 1024) OF TRANSPORTATION IN ANY WAY, THE ATTENTION OF THE USER IS SPECIFICALLY DIRECTED TO SUGGESTIONS (2024, 1024, 1024, 1024) AND 104.03 OF THE STANDARD SPECIFICATIONS OF THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, FOR THE CONSTRUCTION OF ROADS AND BRIDGES, DATED CURRENT EDITION AND ANY MODIFICATION THEREOF, WHICH WILL BE A PART OF THIS CONTRACT.

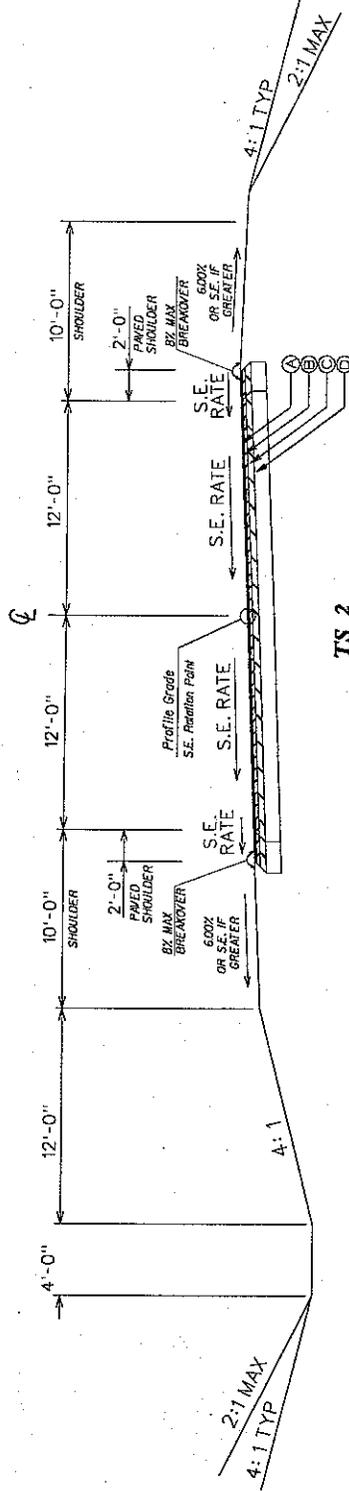
PROJECT NO. BRST-1143(2), WAYNE COUNTY

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	644904	3-01	3-01
REVISION DATES			



**TS 1
TANGENT SECTION
PROPOSED SR 203**

SLOPE CONTROL FILL & CUT	
SLOPE	HIGH FROM SHLD. PT.
4:1	0'-10'
2:1	OVER 10'
*GUARDRAIL IS REQUIRED ON FILL SECTION	



**TS 2
SUPERELEVATED SECTION
PROPOSED SR 203**

- REQUIRED PAVEMENT**
- Ⓐ ASPHALTIC CONCRETE "E", 1 1/2"
 - Ⓑ ASPHALTIC CONCRETE "B", 2"
 - Ⓒ ASPHALTIC CONCRETE BASE, 4"
 - Ⓓ GRADED AGGREGATE BASE, 6"

NOT TO SCALE

PARSONS TRANSPORTATION GROUP
 230 PEACHTREE ST., 16th FLOOR, SUITE 1710
 ATLANTA, GA 30303

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF URBAN DESIGN

TYPICAL SECTION
 S.R.203 OVER REEDY CREEK

DRAWING NO.
3-01

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 305-0020-0

Wayne County

SUFF. RATING: 53.3

Location & Geography

* Structure I.D. No.: 305-0020-0
 * 200 Bridge Information: 07
 * 6A Feature Int.: REEDY CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00203
 * 7B Facility Carried: SR 203
 * 9 Location: 1 MIE OF KVILLE
 2 DOT District: 5
 207 Year Photo: 1999
 * 91 Inspection Frequency: 24 Date: 04/04/2001
 92A Fract Crit Insp Freq: 0 00 Date: 0000
 92B Underwater Insp Freq: 0 00 Date: 0000
 92C Other Spc. Insp Freq: 0 00 Date: 0000
 * 4 Place Code: 00000
 * 5 Inventory Route (O/U): 1
 Type: 3
 Designator: 1
 Number: 00203
 Direction: 0
 * 16 Latitude: 31-33.2
 * 17 Longitude: 82-06.4
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 000000000000000000
 * 100 Defense Highway: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 002.78
 * 208 Inspection Area: 05 Initials: JEC
 * Location I.D. No: 305-00203D-002.67N
 * XReferen I.D. No: 000-000000-000.000

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 07
 * 204 Federal Route Type: S No: 01143
 * 110 Truck Route: 0
 206 School Bus Route: 1
 217 Benchmark Elevation: 114.10
 218 Datum: 2
 * 19 Bypass Length: 2
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 01
 * 27 Year Constructed: 1957
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Spectal Steel Design: 0
 267 Type of Paint: 3
 * 42 Type Service On: 1
 Under: 5
 214 Movable Bridge: 00
 203 Type Bridge: G-N-O-O
 259 Pile Encasement: 2
 * 43 Structure Type Main: 1 04
 45 No. Spans Main: 003
 44 Structure Type Appr: 0 0
 46 No. Spans Appr: 0000
 226 Bridge Curve Horz: 0 Vert: 0
 111 Pier Protection: 0
 107 Deck Structure Type: 1
 108 Wearing Surface Type: 1
 Membrane: 8
 Protection: 8
 223 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0
 Height: 0
 Width: 0
 238 Curb: 1.2 1
 239 Handrail: 1 1
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0
 Width: 0
 * 230 Guardrail Loc Dir Rear: 3
 Fwd: 3
 Oppo Dir Rear: 0
 Fwd: 0
 244 Approach Slab: 3
 224 Retaining Wall: 0
 233 Posted Speed Limit: 55
 236 Warning Sign: 0
 234 Delineator: 1
 235 Hazard Boards: 1
 237 Utilities Gas: 00
 Water: 00
 Electric: 00
 Telephone: 00
 Sewer: 00
 247 Lighting Street: 0
 Navigation: 0
 Aerial: 0
 * 248 County Continuity No: 00

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 305-0020-0

Wayne County

SUFF. RATING: 53.3

Programming Data

201 Project No: BRST-1143 (2)
 202 Plans Available: 1
 249 Prop. Proj No: 00000000000000000000000000000000
 250 Approval Status: 0000
 251 P.I. No: 542425
 252 Contract Date: 02/01/2006
 260 Seismic No: 00000
 75 Type Work: 34 1
 94 Bridge Imp. Cost: \$ 77
 95 Roadway Imp. Cost: \$ 42
 96 Total Imp. Cost: \$ 165
 76 Imp. Length: 000313
 97 Imp. Year: 1990
 114 Future ADT: 005100 Year: 2019

Measurements

* 29 ADT: 003400 Year: 1999
 109 % Trucks: 10
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0034
 * 49 Structure Length: 102
 51 Br. Rdwy. Width: 25.7
 52 Deck Width: 32.2
 * 47 Tot. Horz. Cl: 25.7
 50 Curb/Sdewlk Width: 2.0/2.0
 32 Approach Rdwy Width: 026
 * 229 Shlder Width:
 Rear Lt: 3.0 Type: 2 Rt: 3.0
 Fwrd Lt: 3.0 Type: 2 Rt: 3.0
 Pymnt Width:
 Rear: 20.0 Type: 2
 Fwrd: 20.0 Type: 2
 Intersection Rear: 0 Fwrd: 0
 36 Safety Features Br. Rail:
 Transition: 2
 App. G. Rail: 1
 App. Rail End: 2
 53 Minimum Cl. Over: 99' 99"
 Under: N 00' 00"
 * 228 Min. Vert. Cl
 Act. Odm. Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 0.0
 * 10 Max Min Vert Cl: 99' 99" Dir: 0
 39 Nav Vert Cl: 000 Horiz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 5.0
 Deck Thick Approach: 0.0
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 0.0
 212 Year Last Painted: Sup: 0000 Sub: 1991

Ratings

66 Inventory Type: 2 Rating: 22
 64 Operating Type: 2 Rating: 38
 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: 25
 67 Structural Evaluation: 5
 58 Deck Condition: 5
 59 Superstructure Condition: 5
 * 227 Collision Damage: 0
 60A Substructure Condition: 5
 60B Scour Condition: 8
 60C Underwater Condition: N
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 7
 68 Deck Geometry: 2
 69 Under-Clr. Horz/Vert: N
 72 Appr. Alignment: 8
 62 Culvert: N

Hydraulic Data

215 Waterway Data
 Highwater Elev: 0000.0 Year: 0000
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0000.0
 Drainage Area: 00000
 Area of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 01.3 Br Height: 10.2
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwrd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No Barrels: 0
 Width: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No: 305-00203D-002.67N
 * XReferen I.D. No: 000-000000-000.000

Posting Data

70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: A
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type 3S2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date: 0000
 253 Fed Notify Date: 0000 0

March 25, 2002

State of Georgia
Department Of Transportation

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-1143(2)

P.I. No. 542425

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.

This project consists of improvements of S.R. 203 over Reedy Creek, located in Wayne County. The improvement project includes replacing the existing two-lane bridge over Reedy.

Date of Location Approval: APRIL 2, 2002

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

Cory Knox
Georgia Department of Transportation
Area 2 Office 104 North Nichols Street
Waycross, GA 31501
(912) 285-6009

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 :

James B. Buchan
Georgia Department of Transportation
No. 2 Capital Square
Atlanta, Georgia 30334
(404) 463-6133

Any written request in reference to this Notice SHOULD include the PROJECT AND P.I. NUMBERS AS NOTED AT THE TOP OF THIS NOTICE.



Department of Transportation JUN 11 2000

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

May 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

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, WAYNE County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRST-1143(2) WAYNE CO., PI # 542425-:

BRIDGES

SR 203 @ REEDY CREEK 1.1 MI E OF APPLING CO LINE

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 30th day of May 2000

APPROVED Lancy Jones, County Administrator

City/County Official

DEV

MGT

SCHED

Chen'su



MEETING MINUTES

Meeting Date: February 4, 2002

Attendees: Elton Aspinwall, Wayne County

Gary Sands, GDOT

Donnie Boyd, GDOT

Teresa Scott, GDOT-Preconstruction

Tony Collins GDOT-Preconstruction

Aykut Urgen, Parsons

Stephen Thomas, GDOT-Utilities

Howell Clements, GDOT-Utilities

Donnie Williams, GDOT Glennville

Michelle Wright, GDOT Glennville

Paul Conner, Alltell

Projects : BRST-1143(2) Wayne County

P.I.No. 542425

SR 203 Over Reedy Creek 1.1 Mile East of Appling County Line

On February 4, 2002, at 1:30 p.m., a meeting for the above referenced project was held in Georgia Department of Transportation District 5, Jesup Office. The following items were discussed during the meeting;

1. Estimated schedule for this project has been identified by GADOT representatives as follows;
 - Approval of R/W Plans..... 2004
 - Beginning of Construction..... 2007

2. Conceptual Layout prepared by PTG has been accepted with the following comments;
 - GDOT advised PTG to extend the beginning of the project to the west to maintain an overlay section for better tie-in to the existing pavement.

March 6, 2002

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

Project Concept Report

Project Number: BRST-1143 (2)

County: Wayne

P. I. Number: 542425

Federal Route Number:

State Route Number: 203

Recommendation for Approval:

DATE 3-12-02



Project Manager

DATE 3-12-02



State Consultant Design Engineer

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

DATE 3-19-02



State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Design Engineer

March 6, 2002

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

Project Concept Report

Project Number: BRST-1143 (2)

County: Wayne

P. I. Number: 542425

Federal Route Number:

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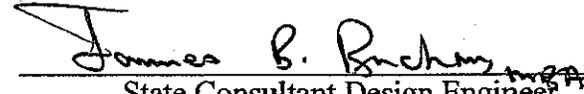
Recommendation for Approval:

DATE 3-12-02



Project Manager

DATE 3-12-02



State Consultant Design Engineer

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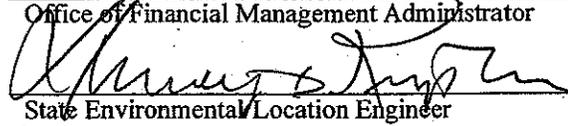
DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE 3/20/02



State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Design Engineer

March 6, 2002

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

Project Concept Report

Project Number: BRST-1143 (2)

County: Wayne

P. I. Number: 542425

Federal Route Number:

State Route Number: 203

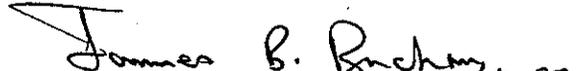
Recommendation for Approval:

DATE 3-12-02



Project Manager

DATE 3-12-02

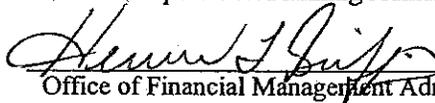

State Consultant Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 3/15/02



Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge Design Engineer