

ORIGINAL TO GENERAL FILES

D.O.T. 66

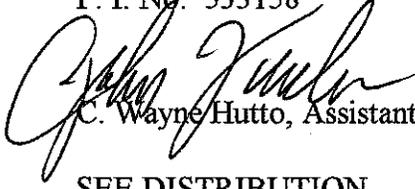
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-073-1(11) Brantley County
P. I. No. 533158

OFFICE Preconstruction

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:

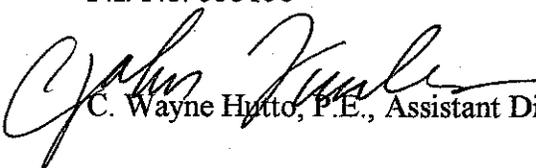
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Gary Priester
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRST-073-1(11) Brantley County **OFFICE** Preconstruction
P.I. No. 533158

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 15 over Dix Branch at the north city limits of Hoboken, Georgia. The existing bridge, constructed in 1948, is load limited with a sufficiency rating of 43. State Route 15 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. This section of SR 15 is functionally classified as a rural minor arterial. Traffic is projected to be 4,550 VPD and 6,750 VPD in the years 2008 and 2028 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 90' x 44' concrete bridge over Dix Branch at the existing bridge site. The approaches will consist of two, 12' lanes with 10' rural shoulders (2' 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 is not required; 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)	\$966,000	\$1,100,000	2006	04-07
Right-of-Way	\$ 10,000	\$ 10,000		
Utilities*	LGPA	LGPA		

*Brantley County and the City of Hoboken signed LGPA for utilities.

Frank L. Danchetz

Page 2

BRST-073-1(11) Brantley

March 19, 2002

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

CWH:JDQ/cj

Attachment

CONCUR


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

APPROVE


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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE **BRST-073-1(11) Brantley County**
 SR 15@ Dix Branch in City Limits of Hoboken
 P.I. No. 533158-

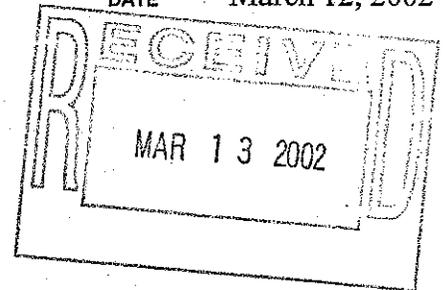
FROM *James B. Buchan*
 James B. Buchan, State Consultant Design Engineer

TO Wayne Hutto, Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

OFFICE Atlanta

DATE March 12, 2002



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 Keepler, 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

MBA
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-073-1 (11)

County: Brantley

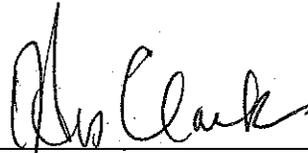
P. I. Number: 533158

Federal Route Number:

State Route Number: 15

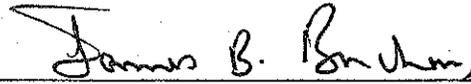
Recommendation for Approval:

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

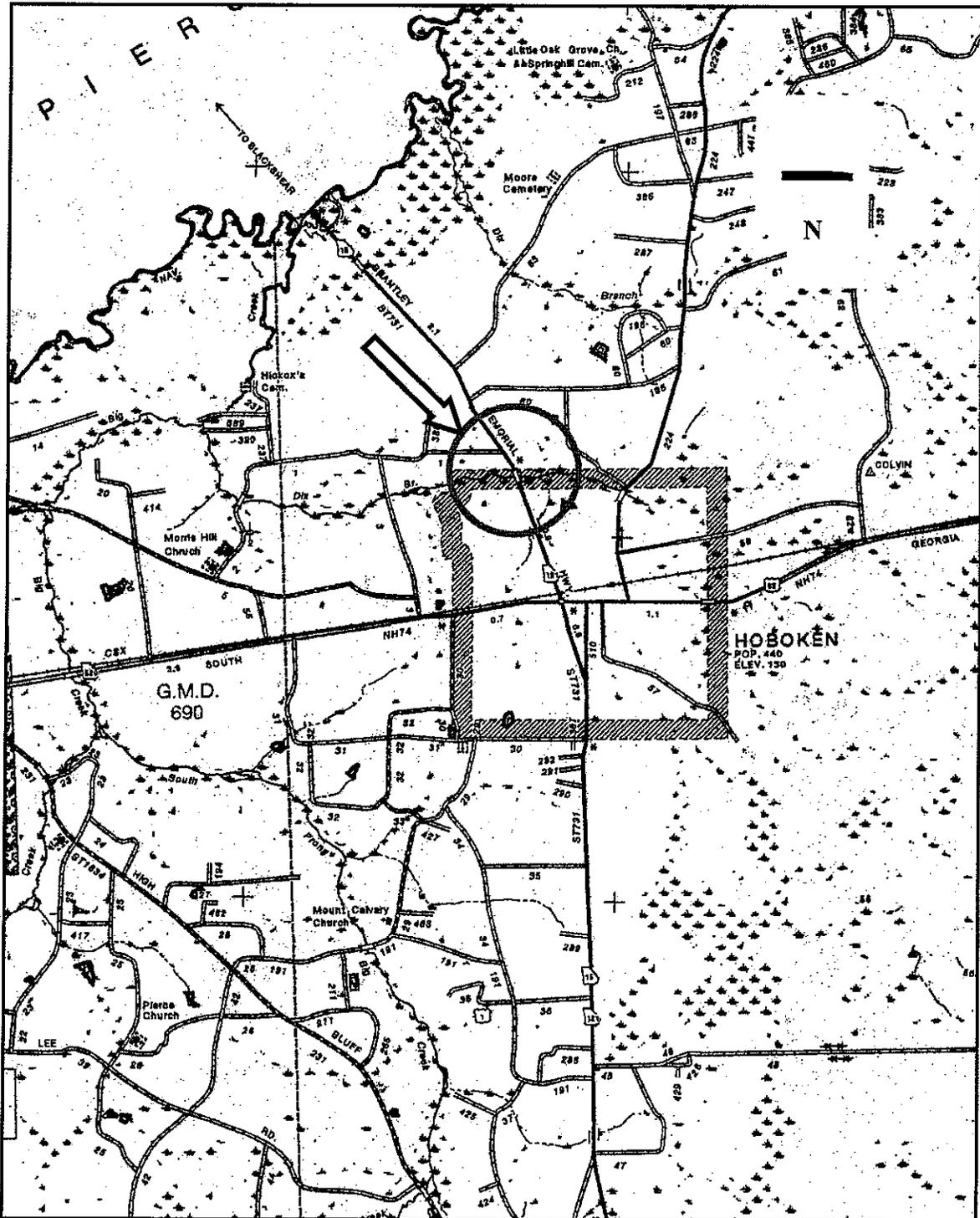
DATE _____

State Bridge Design Engineer

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 2
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley



Scale: 1 inch = 1 mile

Location Map

Project: BRST-073-1(11) Brantley County PI No.: 533158-
Description: SR 15@ Dix Branch in City Limits of Hoboken

March 6, 2002

State of Georgia
Department Of Transportation

Project Concept Report Page 3
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

NEED AND PURPOSE:

Bridge project BRST-073-1(11) proposes to replace the structurally deficient bridge that is located on SR 15 over Dix Branch in the city of Hoboken. The existing bridge has a design live load of H-15 and therefore does not meet current standards under GDOT policy 2405-1. The existing bridge also has a sufficiency rating of 43.0, which is less than a 50 rating and therefore recommended for replacement by the Office of Bridge Maintenance. Besides replacing the existing bridge with a structurally adequate bridge, the existing 32 feet bridge deck width will be replaced with a new bridge meeting the GDOT policy 4265-10 requiring a bridge width clear distance of 44 feet.

This section of SR 15 is functionally classified as a rural minor arterial, is a designated school bus route, and has a posted speed limit of 55 MPH. The existing bridge was constructed in 1948 and is not on a route identified in GDOT's Statewide Bicycle & Pedestrian Plan. Land use along this project is low density residential. There are no other GDOT projects in the area.

The average annual daily traffic (AADT) on this section of roadway was 3,900 in the year 2000. Fifteen percent of the traffic volume is truck traffic. The year 2008 AADT is expected to be 4,550 which represents a Level of Service "B". The projected year 2028 traffic is 6,750 AADT which represents a Level of Service "C".

Brantley County's population grew by 32.1% between 1990 and 2000 to a total population of 14,629. In the year 2000, Brantley County had a minority population of 5.6%, 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 18.8% of Brantley 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 0.39 miles long, beginning at mile 12.41 and ending at mile 12.80 along SR 15, and is located in city limits of Hoboken.

The new bridge will be constructed on same alignment as the existing bridge and is to be constructed while maintaining traffic by using an on-site temporary detour.

This concept satisfies the Need and Purpose by replacing the existing structures with 44-foot (gutter to gutter) bridge of adequate structural integrity and capacity for the projected 2028 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.

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Project Concept Report Page 4
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

PDP Classification : Major _____ Minor X

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

Functional Classification: _____ Rural minor arterial

U.S. Route Number(s): _____ **State Route Number(s):** 15

Traffic (AADT):
Current Year: (2008) 4550 Design Year: (2028) 6750

Existing Design Features:

Typical Section: Two 12-foot rural lanes, with 100 feet of right-of-way on both sides of the roadway.

Posted Speed 55 mph Maximum degree of curvature: 0° 00'

Maximum grade Mainline: 1.91 %

Maximum grade Crossroads: N/A %

Maximum grade Driveways: N/A %

Major Structures: The existing bridge consists of three 27-foot concrete I-beam spans.

S. RTG: 43.0 LENGTH: 81 feet WIDTH: 25.8 feet

MAJOR INTERCHANGES OR INTERSECTIONS: Dix Branch intersects the bridge structure itself. SR 15 intersects US Highway 82 approximately 0.9 miles south of the existing bridge.

MILE POINT REFERENCE:

BEGIN 12.41 END 12.80

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) The proposed detour roadway will consist of two 12-foot travel lanes with 6-foot wide shoulders. See typical section attached.

Proposed Design Speed Mainline: 55 mph

Proposed Design Speed Detour: 45 mph

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Project Concept Report Page 5
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

Proposed Maximum grade Mainline: 2.0 % Maximum grade allowable: 3.5 %

Proposed Maximum grade Detour: 1.9 % Maximum grade allowable: 4.5 %

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

Proposed Maximum grade Driveway: N/A %

Proposed Maximum degree of curve: 0°00' Maximum degree allowable: 6° 00'

Proposed Maximum degree of curve Detour: 3°49'11" Maximum degree allowable: 9° 52'30"

RIGHT OF WAY

Width varies between 130 feet and 200 feet

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

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

Number of Parcels: 4.0 Number of displacements:

Business: None

Residences: None

Mobile homes: None

Other: None

STRUCTURES: The proposed bridge will be 44-feet (gutter to gutter) wide, consisting of two 12-foot travel lanes and 10-foot shoulders. The bridge is expected to be approximately 90 feet long. The proposed temporary bridge on the detour will be 24-feet (gutter to gutter) wide, consisting of two 12-foot travel lanes. The bridge is expected to be approximately 140 feet long.

MAJOR INTERSECTIONS AND INTERCHANGES: The project on SR 15 intersects US Highway 82 approximately 0.9 miles south of the of the existing bridge.

TRAFFIC CONTROL DURING CONSTRUCTION: Two-way traffic will be maintained on the detour while the proposed bridge is constructed. Once the proposed structure and approaches are complete, the temporary bridge will be demolished.

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Project Concept Report Page 6
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

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.)*

Overhead power lines located on the west side of the bridge. Other utilities to be determined.

Local government commitments: Brantley County signed for the utilities on 07-27-99.
Hoboken City signed for the utilities on 07-09-99.

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State of Georgia
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Project Concept Report Page 7
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

Project responsibilities:

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

COORDINATION

CONCEPT TEAM MEETING DATE: 02/04/02

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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Project Concept Report Page 8
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

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 new alignment while maintaining traffic on existing road.
- (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 to avoid the introduction of curves in the alignment and to minimize right-of-way impacts and traffic interruption. Alternate (2) was eliminated due to public inconvenience. An off site detour would re-route traffic for approximately 23 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 a structurally deficient bridge.

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Project Concept Report Page 9
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

ATTACHMENTS:

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

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Project Concept Report Page 10
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

Attachment 1

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BRST-073-1(11)

COUNTY: Brantley

DATE: February 2002

ESTIMATED LETTING DATE:

PREPARED BY: Parsons Transportation Group

PROJECT LENGTH: 0.39 miles

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT) 0.3 Acres @ 600 / 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- SR15 @ Dix Branch in City Limits of Hoboken (90' L X 44' W) @ \$53 / SF	\$ 209,880
b. BRIDGE - SR 15 Existing Bridge Demolition (81' L X 25.8' W) @ \$10 / SF	\$ 20,898
c. BRIDGE - SR 15 Detour Bridge (140' L X 24' W) @ \$25 / SF	\$ 84,000
SUBTOTAL C-1:	\$ 314,778
2. GRADING AND DRAINAGE:	
a. EARTHWORK-- 12,499 CuYds--S.R. 23 @ \$2.44	\$ 30,498
b. DRAINAGE:	
1) 40'-18" RCP & 2 Drop Inlets	\$ 4,144
SUBTOTAL C-2:	\$ 34,642

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Project Concept Report Page 11
Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

Attachment 1 (cont'd)

3. BASE AND PAVING:		
a. ASPHALT PAVING: 1.5" Asph. Surface- 1124 TN @ \$36.06/TN	\$	40,531
4" Asphalt Surface--2545 TN--@\$38.22/T	\$	99,181
Tack Coat-- 810 gallons @ \$0.91	\$	737
Gross Aggr Base: 6"-- 11656 SY--@ \$7.00/SY	\$	80,956
SUBTOTAL C-3.b		\$ 221,405
b. Reinforce Concrete Approach Slab 310 SY@ \$116.83/SY	\$	36,217
c. PERMANENT GRASSING--0.74 Ac @ \$41.53/TN (30 LB/Ac)	\$	922
d. AG. LIME--0.74 Ac @ \$53.92/TN (3.0 TN/Ac)	\$	120
e. Fertilizer mixed grade--0.74 Ac @ \$235.39/TN (0.9TN/Ac)	\$	157
f. Fertilizer Nitrogen Content-- 0.74 Ac @ \$1.85/LB (50 LB/Ac)	\$	68
SUBTOTAL C-3:		\$ 258,889
4. LUMP ITEMS:		
a. EROSION CONTROL	\$	15,443
b. TRAFFIC CONTROL	\$	150,000
SUBTOTAL C-4:		\$ 165,443
5. MISCELLANEOUS:		
a. SIGNING - MARKING	\$	6,540
b. GUARDRAIL - Install new guardrail 325 LF @ \$49.51/LF	\$	16,091
SUBTOTAL C-5:		\$ 22,631
6. SPECIAL FEATURES-	\$	-
SUBTOTAL C-6:		
SUBTOTAL C:		\$ 796,383

March 6, 2002

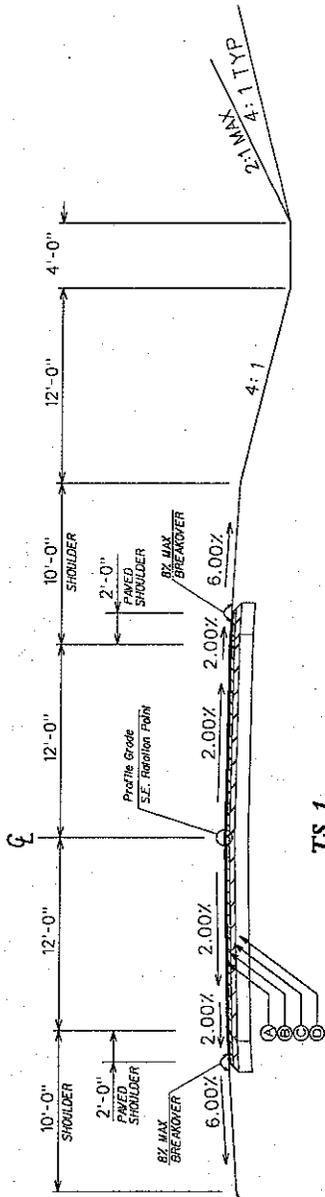
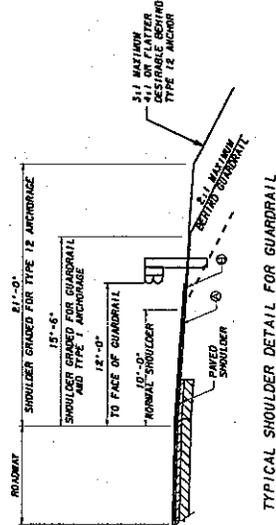
State of Georgia
Department Of Transportation

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Project Number: BRST-073-1(11)
P.I. Number: 533158
County: Brantley

Attachment 1 (cont'd)

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY	\$	10,000
B. REIMBURSABLE UTILITIES	\$	12,000
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$	314,778
2. GRADING AND DRAINAGE:	\$	34,642
3. BASE AND PAVING:	\$	258,889
4. LUMP ITEMS:	\$	165,443
5. MISCELLANEOUS:	\$	22,631
6. SPECIAL FEATURES	\$	-
SUBTOTAL CONSTRUCTION	\$	796,383
INFLATION (5% PER YEAR)	\$	81,629
NUMBER OF YEARS	2.0	
E. & C. (10%)	\$	87,801
TOTAL CONSTRUCTION COST	\$	965,814
GRAND TOTAL PROJECT COST	\$	987,814

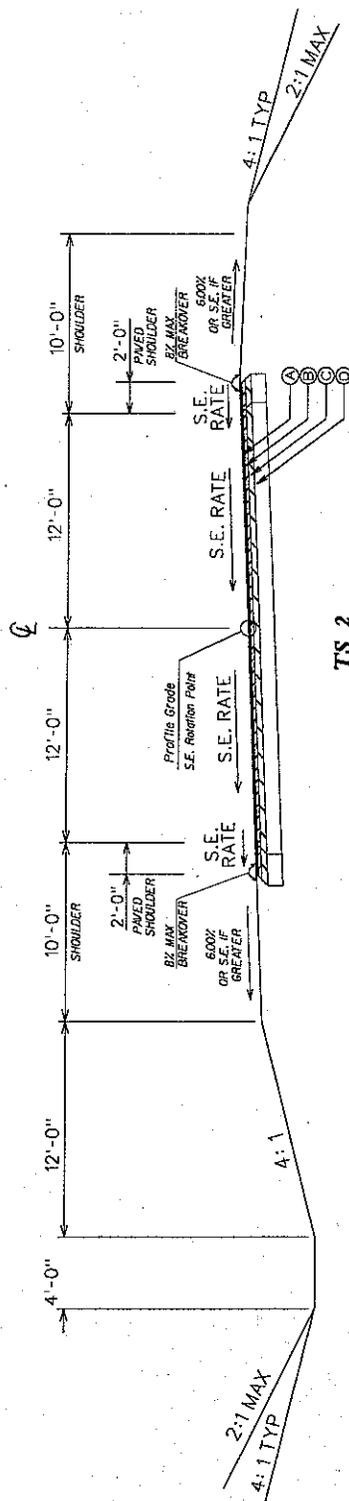
STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GA	BST-023-WD		
	REVISION DATES		



TS 1
TANGENT SECTION
PROPOSED SR 15

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 15

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

NOT TO SCALE

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 025-0001-0

Brantley County

SUFF. RATING: 43.0

Location & Geography

* Structure I.D. No.: 025-0001-0
 * 200 Bridge Information: 07
 * 6A Feature Int.: DIX BRANCH
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00015
 * 7B Facility Carried: SR 15
 * 9 Location: IN CITY LIMITS OF HOBOKEN
 2 DOT District: 5
 207 Year Photo: 1997
 * 91 Inspection Frequency: 24 Date: 10/21/1999
 92A Fract Crit Insp Freq: 0 00 Date: 0000
 92B Underwater Insp Freq: 1 60 Date: 04/17/2000
 92C Other Spc. Insp Freq: 0 00 Date: 0000

* 4 Place Code: 39216

* 5 Inventory Route (O/U): 1
 Type: 3
 Designator: 1
 Number: 00015
 Direction: 0

* 16 Latitude: 31-11.5
 * 17 Longitude: 82-08.4

98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000

* 100 Defense Highway: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 012.65

* 208 Inspection Area: 05 Initials: JEC

* Location I.D. No: 025-00015D-012.65N
 * XReferen I.D. No: 000-0000000-000.000

Signs & Attachments

* 104 Highway System: 0
 * 26 Functional Classification: 06
 * 204 Federal Route Type: F No: 073-1
 * 110 Truck Route: 0
 206 School Bus Route: 1
 217 Benchmark Elevation: 0.00
 218 Datum: 0
 * 19 Bypass Length: 27
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 01
 * 27 Year Constructed: 1948
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 2
 * 42 Type Service On: 1 Under: 5
 214 Movable Bridge: 00
 203 Type Bridge: D-O-M-O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 4 02
 45 No. Spans Main: 002
 44 Structure Type Appr: 3 3
 46 No. Spans Appr: 0001
 226 Bridge Curve Horiz: 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 Fwrd: 3 Oppo Dir Rear: 0 Fwrd: 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: 01

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 025-0001-0

Brantley County

SUFF. RATING: 43.0

Programming Data

201 Project No: F-2718 (3)
 202 Plans Available: 0
 249 Prop. Proj No: BRST-073-1 (11)
 250 Approval Status: 0000
 251 P.I. No: 533158
 252 Contract Date: 02/01/2005
 260 Seismic No: 00000
 75 Type Work: 34.1
 94 Bridge Imp. Cost: \$ 79
 95 Roadway Imp. Cost: \$ 230
 96 Total Imp. Cost: \$ 366
 76 Imp. Length: 001401
 97 Imp. Year: 1990
 114 Future-ADT: 005550 Year: 2019

Measurements

* 29 ADT: 003700 Year: 1999
 109 % Trucks: 4
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0027
 * 49 Structure Length: 81
 51 Br. Rdwy. Width: 25.8
 52 Deck Width: 32.0
 * 47 Tot. Horz. Cl: 25.8
 50 Curb/Sdewlk Width: 2.0/2.0
 32 Approach Rdwy Width: 028
 * 229 Shlder Width:
 Rear Lt: 2.0 Type: 2 Rt: 2.0
 Fwrd Lt: 2.0 Type: 2 Rt: 2.0
 Pvmnt Width:
 Rear: 24.0 Type: 2
 Fwrd: 24.0 Type: 2
 Intersection Rear: 0 Fwrd: 0
 36 Safety Features Br. Rail: 2
 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: 6.0
 Deck Thick Approach: 6.0
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 9.0
 212 Year Last Painted: Sup: 1995 Sub: 0000

Ratings

66 Inventory Type: 2 Rating: 23
 64 Operating Type: 2 Rating: 38
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 26 0
 Type 3s2: 40 0
 Timber: 34 0
 Piggyback: 40 0
 261 H Inventory Rating: 15
 262 H Operating Rating: 23
 67 Structural Evaluation: 5
 58 Deck Condition: 6
 59 Superstructure Condition: 5
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: 7
 60C Underwater Condition: 6
 71 Waterway Adequacy: 8
 61 Channel Protection Cond: 7
 68 Deck Geometry: 2
 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 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

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: 08.0 Br Height: 10.0
 222 Slope Protection: 6
 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: 2 Diver: RMO
 * Location I.D. No: 025-00015D-012.65N
 * XReferen I.D. No: 000-000000-000.000

March 25, 2002

State of Georgia
Department Of Transportation

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-073-1(11)

P.I. No. 533158

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. 15 over Dix Branch in city limits of Hoboken, located in Brantley County. The improvement project includes replacing the existing two-lane bridge.

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



ORIGINAL

Department of Transportation

State of Georgia
#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002
June 28, 1999

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, BRANTLEY County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRST-073-1(1.1) BRANTLEY CO., PI # 533158-2:

BRIDGES

SR 15 @ DIX BRANCH IN CITY LIMITS OF HOBOKEN

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.

NOTE: A similar agreement has been sent to the City of Hoboken.

This 27th day of July, 1999

APPROVED Harry Riggins Chairman

City/County Official



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 Urgan, Parsons

Stephen Thomas, GDOT-Utilities

Howell Clements, GDOT-Utilities

J. Cory Knox, GDOT Waycross

Woody Rehberg, Brantley County

Projects : BRST-073-1(11) Brantley County

P.I.No. 644902

SR 15@ Dix Branch in City Limits of Hoboken

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..... 2006

2. Conceptual Layout prepared by PTG has been accepted with the following comments;
 - GDOT Utilities Office recommended to construct the temporary bridge on the west side of the existing roadway to avoid disturbing the existing utilities on the east side.

March 6, 2002

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Consultant Design

Project Concept Report

Project Number: BRST-073-1 (11)

County: Brantley

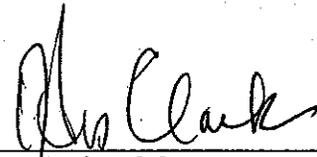
P. I. Number: 533158

Federal Route Number:

State Route Number: 15

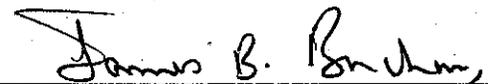
Recommendation for Approval:

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-073-1 (11)
County: Brantley
P. I. Number: 533158

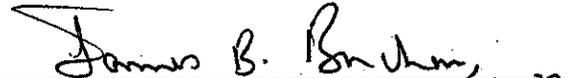
Federal Route Number:
State Route Number: 15

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).

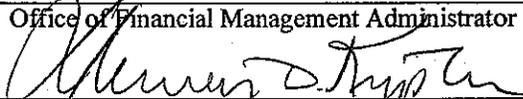
DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE 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

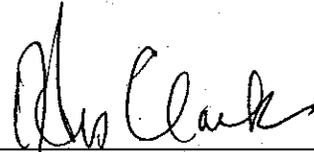
Project Concept Report

Project Number: BRST-073-1 (11)
County: Brantley
P. I. Number: 533158

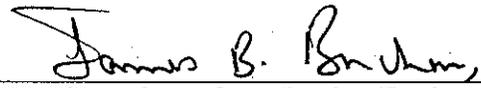
Federal Route Number:
State Route Number: 15

Recommendation for Approval:

DATE 3-12-02


Project Manager

DATE 3-12-02

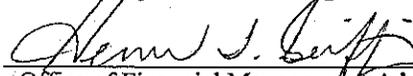

State Consultant Design Engineer ^{MSA}

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