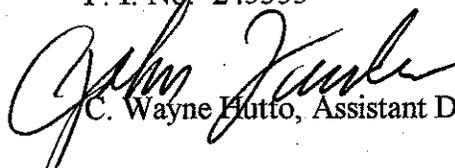


ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRST-0573(17) Dodge County **OFFICE** Preconstruction  
P. I. No. 245355  
**DATE** March 18, 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  
Mike Thomas  
**BOARD MEMBER**



Frank L. Danchetz  
Page 2

BRST-0572 (17) Dodge County  
March 4, 2002

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

CWH:JDQ/cj/klp

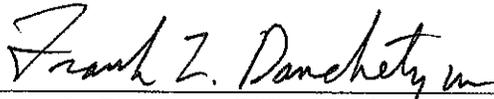
Attachment

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-0573(17) Dodge County**  
SR 87/Eastman-Rhine Hwy over Sugar Creek 1.8 mi S of Eastman  
P.I. No. 245355-

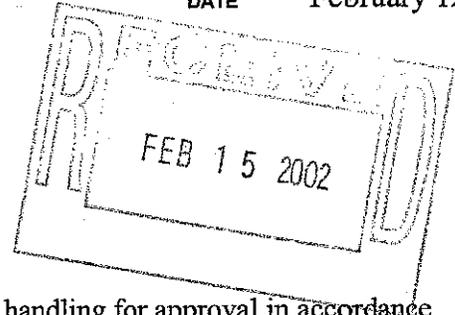
**OFFICE** Atlanta

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

**DATE** February 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 Ted Cashin at (404)463-6135 or Ron Morris of PBS&J, Inc. at (770) 933-0280.

*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
- Mike Thomas, District Engineer – Tennille
- Paul Liles, State Bridge & Structural Engineer

*MBA*  
JBB:MBA:EJC

cc: PBS&J, Inc.

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
*Office of Consultant Design*

PROJECT CONCEPT REPORT

Project Number: BRST-0573(17)

County: Dodge

P. I. Number: 245355

Federal Route Number: S00573

State Route Number: 87

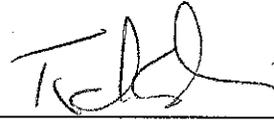
Recommendation for approval:

2-12-02

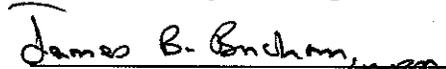
DATE

2-12-02

DATE



Project Manager



State Consultant Design Engineer

The 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

\_\_\_\_\_  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Office of Financial Planning Administrator

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Traffic Safety & Design Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Engineer

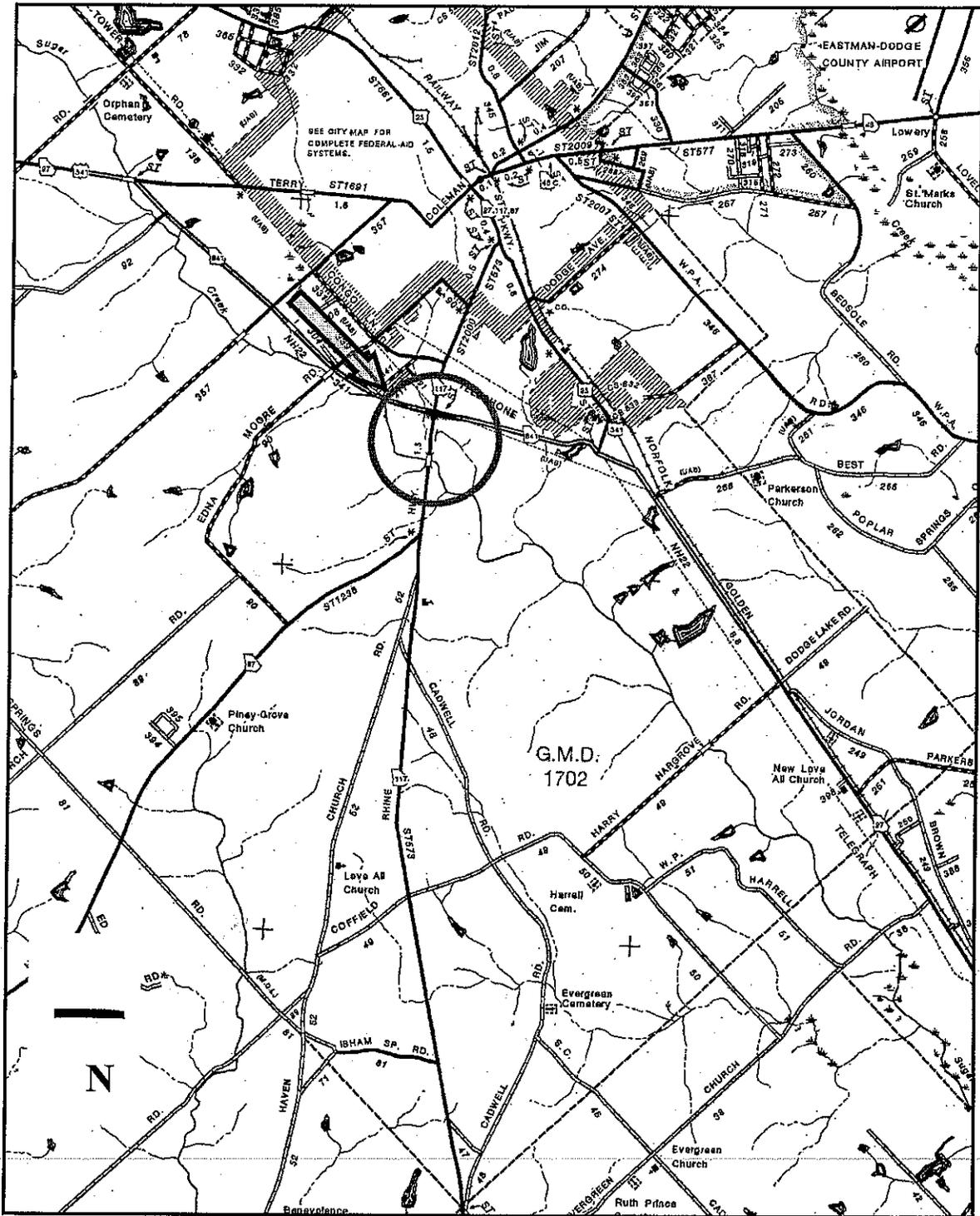
\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Review Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer

# PROJECT CONCEPT REPORT



Scale: 1 inch = 1 mile

## Location Map

Project: BRST-0573(17) Dodge County PI No.: 245355-

Description: SR 87/Eastman-Rhine Hwy over Sugar Creek 1.8 mi S of Eastman

# PROJECT CONCEPT REPORT

PROJECT: BRST-0785(15)

<b>PROJECT LOCATION &amp; DESCRIPTION</b>	
This project is located Dodge County on S.R. 87/Eastman-Rhine Highway over Sugar Creek, 1.8 miles south of Eastman.	
<b>PROJECT LENGTH:</b>	$\frac{0.29}{0.29}$ miles (gross length) $\frac{0.29}{0.29}$ miles (net length)

<b>TRAFFIC</b>			
<u>YEAR</u>	<u>CURRENT</u>	<u>YEAR</u>	<u>PROJECTED</u>
2007	AADT 4000	2027	AADT 6000

<b>PDP CLASSIFICATION</b>	<b>FUNCTIONAL CLASSIFICATION</b>
Minor, Existing Location	Rural Major Collector

FOS ( )	CA ( )	EXEMPT (X)	SF ( )
---------	--------	------------	--------

<b>PROJECT NEED AND PURPOSE</b>
<p>Bridge Project No. BRST-0573(17) will replace the structurally deficient bridge located on State Highway 87 over Sugar Creek, 1.8 miles south of Eastman, Georgia. The bridge's sufficiency rating is 44.2. The Office of Bridge Maintenance has determined that any structure with a sufficiency rating less than 50 should be replaced rather than improved. This project will replace the existing bridge with a structurally adequate bridge.</p> <p>State Highway 87 is functionally classified as a rural major collector. The posted speed limit along 87 is 55 mph. The section where the proposed bridge project improvement would take place, is a school bus route. SR 87 is not part of the Statewide Bicycle Plan. The bridge is located 1.8 miles south of Eastman and was constructed in 1948. Sidewalks are not proposed on the new bridge. Trucks represent 16% of the traffic of SR 87. The projected Average Daily Traffic (ADT) for this section of highway is 6,000. Currently, no roadway improvements are in the Construction Work Program for SR 87 in this vicinity.</p> <p>Replacing this bridge will bring it up to current design standards and in doing so will improve the operation and safety of this roadway.</p>

# PROJECT CONCEPT REPORT

<b>EXISTING ROADWAY</b>			
<b>TYPICAL SECTION:</b> The existing roadway is a two lane rural section with 12-foot travel lanes, shoulders and side ditches.			
<b>R/W WIDTH:</b> varies 100' min., 200' max. (at existing bridge)			
<u><b>POSTED SPEED:</b></u> 55 mph	<u><b>MAX DEGREE OF CURVE</b></u> N/A	<u><b>MAXIMUM GRADE</b></u> 1.3%	
<b>MAJOR STRUCTURES:</b>	<u><b>Length</b></u>	<u><b>Width</b></u>	<u><b>Suff. Rating</b></u>
Structure No. 091-0014-0 Sugar Creek	162'	24'	44.2

<b>PROPOSED ROADWAY</b>			
<b>TYPICAL SECTION:</b> The proposed roadway will consists of two 12-foot travel lanes with 10-foot shoulders (2 feet paved) and rural side ditch sections. The proposed bridge will have an approximate length of 200 ft. The width of the structures will be 44 ft.			
<u><b>DESIGN SPEED</b></u> 55 MPH	<u><b>MAX DEGREE OF CURVE</b></u> Allowable: 6° 00' 00" Proposed: No Curve	<u><b>MAX GRADE</b></u> Allowable: 7% Proposed: 1.3%	
<b>MAJOR STRUCTURES:</b>	<u><b>Length</b></u>	<u><b>Width</b></u>	
Project No. BRST-0573(17) Structure at Sugar Creek	200'	44'	



# PROJECT CONCEPT REPORT

## MISCELLANEOUS

**TRAFFIC CONTROL DURING CONSTRUCTION:** Temporary detour bridge and runaround parallel to existing alignment. Detour to be 35 mph design with 12 foot travel lanes and 6 foot graded shoulders.

**LEVEL OF ENVIRONMENTAL ANALYSIS:** CE Anticipated

**DESIGN VARIATIONS REQUIRED:** none

	YES	NO	UNDETERMINED
SUBST HORIZ ALIGNMENT	( )	(X)	( )
SUBST ROADWAY WIDTH	( )	(X)	( )
SUBST SHOULDER WIDTH	( )	(X)	( )
SUBST VERT GRADES	( )	(X)	( )
SUBST CROSS SLOPES	( )	(X)	( )
SUBST STOPPING SIGHT DIST	( )	(X)	( )
SUBST SUPERELEV RATES	( )	(X)	( )
SUBST HORIZ CLEARANCE	( )	(X)	( )
SUBST SPEED DESIGN	( )	(X)	( )
SUBST VERTICAL CLEARANCE	( )	(X)	( )
SUBST BRIDGE WIDTH	( )	(X)	( )
SUBST BR STRUCT CAPACITY	( )	(X)	( )

**UNDERGROUND STORAGE TANKS:** None identified

**HAZARDOUS SITES:** None identified

## ALTERNATIVES CONSIDERED

- 1) Replace existing bridge with an approximate 200 ft. X 44 ft. bridge at existing location with on-site detour to the east of existing alignment.
- 2) Replace existing bridge with an approximate 200 ft. X 44 ft. bridge on a parallel alignment to the west of the existing structures - eliminated due to length of realignment required to meet design speed and unfavorable geometry.
- 3) Replace existing bridge on existing alignment with off-site detour - no feasible detour exists.
- 4) Replace existing bridge on existing alignment with stage construction - eliminated due to required grade change.
- 5) Concrete Box Culvert - preliminary hydraulics indicates a box culvert will not be adequate.
- 6) No Build

**SELECTED ALTERNATE:** New structures will be constructed on the existing alignment. The detour will be constructed 70 feet east of the existing alignment.

**ATTACHMENTS:** Cost Estimate, Typical Sections, Notice of Location and Design Approval, Traffic Data, Concept Meeting Minutes and Bridge Inventory Data

# PROJECT CONCEPT REPORT

## PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BRST-0573(17) COUNTY: Dodge

DATE: January 2, 2002

ESTIMATED LETTING DATE:

PREPARED BY: PBS&J

PROJECT LENGTH: 0.29 miles

PROGRAMMING  
PROCESS

CONCEPT  
DEVELOPMENT

DURING PROJECT  
DEVELOPMENT

PROJECT COST	
<b>A. RIGHT-OF-WAY: (LGPA)</b>	
1. PROPERTY (LAND & EASEMENT)	\$10,000.00
2. DISPLACEMENTS; RES:0, BUS;0, M.H.:0	\$0.00
3. OTHER COST (ADM./COST, INFLATION)	\$10,000.00
<b>SUBTOTAL A:</b>	<b>\$20,000.00</b>
<b>B. REIMBURSABLE UTILITIES: (LGPA)</b>	
1. RAILROAD	\$0.00
2. TRANSMISSION LINES	\$0.00
3. SERVICES	\$0.00
<b>SUBTOTAL B:</b>	<b>\$0.00</b>
<b>CONSTRUCTION</b>	
<b>C. MAJOR STRUCTURES:</b>	
1. RETAINING WALLS	\$0.00
2. BRIDGE - SUGAR CREEK (200' x 44')	\$604,500.00
3. EXTEND EXISTING CULVERTS	\$0.00
<b>SUBTOTAL C:</b>	<b>\$604,500.00</b>

## PROJECT CONCEPT REPORT

<b>D. GRADING AND DRAINAGE</b>		
1. EARTHWORK		
a. BORROW: (4,770 cu.yd. @ \$6.00)		\$28,600.00
b. EXCAVATION: (4,000 cu.yd. @ \$4.00)		\$16,000.00
	SUBTOTAL D-1:	\$44,600.00
2. DRAINAGE		
a. SLOPE DRAIN PIPE (160 ft of 15 in @ \$20)		\$3,200.00
b. SPILLWAY TYPE 1: (4 each @ \$1150)		\$4,600.00
	SUBTOTAL D-2:	\$7,800.00
	<b>SUBTOTAL D:</b>	<b>\$52,400.00</b>
<b>E. BASE AND PAVING</b>		
1. AGGREGATE BASE (1850 sq. yd. of 8" @ \$8)		\$14,800.00
2. SURFACE AGGREGATE (100 tons @ \$15)		\$1,500.00
3. ASPHALT PAVING		
a. Surface (380 tons @ \$35)		\$13,300.00
b. Binder (210 tons @ \$40)		\$8,400.00
c. Base (420 tons @ \$42)		\$17,600.00
d. Leveling (700 tons @ \$36)		\$25,200.00
e. Tack Coat (500 gals @ \$1)		\$500.00
	SUBTOTAL E-3:	\$65,000.00
4. CONCRETE PAVING - Approach Slabs (310 sq yd @ \$90)		\$27,900.00
	<b>SUBTOTAL E:</b>	<b>\$109,200.00</b>

## PROJECT CONCEPT REPORT

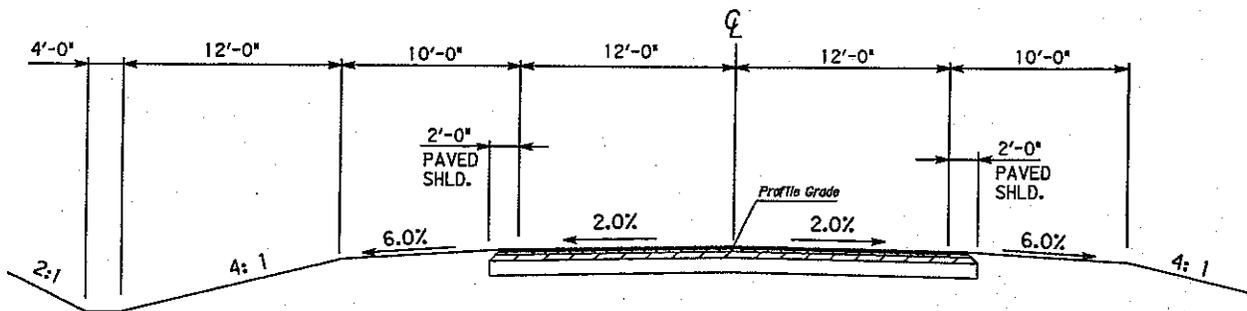
<b>F. LUMP ITEMS</b>	
1. TRAFFIC CONTROL	\$20,000.00
2. CLEARING AND GRUBBING	\$20,000.00
3. GRASSING	\$6,000.00
4. EROSION CONTROL	\$10,000.00
5. TEMP. EROSION CONTROL	\$20,000.00
<b>SUBTOTAL F:</b>	<b>\$76,000.00</b>
<b>G. MISCELLANEOUS</b>	
1. SIGNING	
a. SIGNS	\$1,500.00
b. POSTS	\$900.00
SUBTOTAL G-1:	\$2,400.00
2. STRIPING	
a. 5 IN WHITE SOLID (6000 FT @ \$0.10)	\$600.00
b. 5 IN YELLOW SOLID (6000 FT @ \$0.10)	\$600.00
SUBTOTAL G-2:	\$1,200.00
3. GUARDRAIL	
a. TYPE W (1000 FT @ \$12)	\$12,000.00
b. TYPE T (84 FT @ \$35)	\$3,000.00
c. TYPE 12 ANCHORS (2 @ \$1600)	\$3,200.00
d. TYPE 1 ANCHORS (2 @ \$450)	\$900.00
SUBTOTAL G-3:	\$19,100.00
<b>SUBTOTAL G:</b>	<b>\$22,700.00</b>

## PROJECT CONCEPT REPORT

<b>H. DETOUR</b>		
1. DETOUR BRIDGE – SUGAR CREEK (110' X 24')	\$41,000.00	
2. EARTHWORK		
a. BORROW (10570 CY @ \$6)	\$63,400.00	
b. EXCAVATION (2500 CY @ \$4)	\$10,000.00	
3. BASE AND PAVING		
a. AGGREGATE BASE (3000 SY OF 8" @ \$8)	\$24,000.00	
b. ASPHALT PAVING		
1. SURFACE (260 TONS @ \$35)	\$9,100.00	
2. BINDER (350 TONS @ \$40)	\$14,000.00	
c. TACK COAT (200 GAL @ \$1)	\$200.00	
<b>SUB-TOTAL H:</b>		<b>\$154,200.00</b>

# PROJECT CONCEPT REPORT

<b>ESTIMATE SUMMARY</b>	
<b>A. RIGHT-OF-WAY</b>	\$20,000.00
<b>B. REIMBURSABLE UTILITIES</b>	\$0.00
<b>CONSTRUCTION</b>	
<b>C. MAJOR STRUCTURES</b>	\$604,500.00
<b>D. GRADING AND DRAINAGE</b>	\$52,400.00
<b>E. BASE AND PAVING</b>	\$109,200.00
<b>F. LUMP ITEMS</b>	\$76,000.00
<b>G. MISCELLANEOUS</b>	\$22,700.00
<b>H. DETOUR</b>	\$161,700.00
<b>SUBTOTAL CONSTRUCTION COST</b>	\$1,026,500.00
<b>INFLATION (5% PER YEAR)</b>	\$105,200.00
<b>NUMBER OF YEARS</b>	<b>2</b>
<b>E. &amp; C. (10%)</b>	\$102,700.00
<b>TOTAL CONSTRUCTION COST</b>	<b>\$1,234,400.00</b>
<b>GRAND TOTAL PROJECT COST</b>	<b>\$1,254,400.00</b>



TYPICAL SECTION

**SR 87 / EASTMAN-RHINE HWY OVER  
SUGAR CREEK  
PROJECT NO. BRST-0573(17)  
P.I. NO. 245355  
DODGE CO.**

# NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRST-0573(17) - Dodge County  
P.I. Number 245355

Notice is hereby given in compliance with Georgia code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is MARCH 18, 2002.

The project consists of improvements of S.R. SR 87/Eastman-Rhine Highway over Sugar Creek, located in Dodge County, 15th District, Land Lots 28, 29, 32 & 33.

The improvement project includes replacing the existing bridge over Sugar Creek.

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.

*Michael Shriver*  
*michael.schrivier@dot.state.ga.us*  
*611 Firetower Road*  
*Dublin, Georgia 31021*  
*(478) 275-6596*

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,*  
*State Consultant Design Engineer*  
*ben.buchan@dot.state.ga.us*  
*No. 2 Capitol Square*  
*Atlanta, Georgia 30334*  
*(404) 463-6133*

Any written requests or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.

# Department of Transportation State of Georgia

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## INTERDEPARTMENT CORRESPONDENCE

**FILE** BRST-0573(17), Dodge County  
P.I. # 245355

**OFFICE** Environment/Location

**DATE** June 14, 2001

**FROM** Harvey D. Keeper., State Environment/Location Engineer

**TO** Jimmy Chambers, State Consultant Design Engineer.  
Attn. Ted Cashin

**SUBJECT** S.R. 87/Eastman-Rhine Hwy. At Sugar Creek 1.8 MI S of Eastman in  
Dodge County.

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

2000 AADT = 3450  
2007 AADT = 4000  
2027 AADT = 6000  
K = 9%  
D = 60%  
T. = 8%  
24 HOUR T = 10%  
S.U. = 3.5%  
COMB. = 6.5%

If you have any questions concerning this information please  
contact Abby Ebodaghe at (404) 699-4461.

---

# Concept Team Meeting Minutes

---

Project: BRST-0573(17), Dodge County  
P.I. No.: 245355  
SR 87/Eastman-Rhine Highway over Sugar Creek

Date: February 1, 2002

On January 25, 2002 at 9:30 a.m., a project team concept meeting was held at the GDOT District Office in Tennille, Georgia to review the concept report for project number BRST-0573(17). The following were in attendance:

	<u>GDOT</u>	<u>PBS&amp;J</u>
Ted Cashin	Debbie Pennington	Ron Morris
Todd Price	Phillip Scarborough	Mickey Michalski
Jimmy Holly	Rusty Merritt	Daniel McDuff
Nick Everett		
Jim Kitchings		
Jamie Lindsey		

Ron Morris presented the project and the following comments were made:

## General Comments

- On Concept signature page, change "State Transportation Programming Engineer" to "Office of Financial Planning Administrator".

## Typical Sections

- Adjust all slopes to percent instead of inches per foot.

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

SUFF. RATING: 44.2

Structure ID: 091-0014-0  
 Location & Geography

Dodge County

## Signs & Attachments

<p>* Structure I.D. No.: 091-0014-0                  * 200 Bridge Information: 06                  * 6A Feature Int.: SUGAR CREEK                  * 6B Critical Bridge: 0                  * 7A Route Number Carried: SR00087                  * 7B Facility Carried: EASTMAN-RHINE HWY                  * 9 Location: 1.8 MIS OF EASTMAN                    2 DOT District: 2                  * 207 Year Photo: 1998                  * 91 Inspection Frequency: 24 Date: 12/08/1999                  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: 00087                    Direction: 0                  * 16 Latitude: 32-10.2                  * 17 Longitude: 83 -11.0                  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: 014.23                  * 208 Inspection Area: 10 Initials: DLC                  * Location I.D. No: 091-00087D-014:23N                  * XReferen I.D. No: 000-000000-000.000</p>	<p>* 104 Highway System: 0                  * 26 Functional Classification: 07                  * 204 Federal Route Type: S No: 00573                  * 110 Truck Route: 0                  206 School Bus Route: 1                  217 Benchmark Elevation: 303.77                  218 Datum: 2                  * 19 Bypass Length: 3                  * 20 Toll: 3                  * 21 Maintenance: 01                  * 22 Owner: 01                  * 31 Design Load: 2                  37 Historical Significance: 5                  205 Congressional District: 08                  * 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: E-N-M-O                  259 Pile Encasement: 2                  * 43 Structure Type Main: 4 02                  45 No. Spans Main: 006                  44 Structure Type Appr: 0 0                  46 No. Spans Appr: 0000                  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</p>	<p>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: 1                  234 Delineator: 1                  235 Hazard Boards: 1                  237 Utilities Gas: 00                    Water: 00                    Electric: 00                    Telephone: 22                    Sewer: 00                  247 Lighting Street: 0                    Navigation: 0                    Aerial: 0                  * 248 County Continuity No: 00</p>
--	--	--

Report Date: 05/23/2001

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

SUFF. RATING: 44.2

Structure ID: 091-0014-0

Dodge County

## Ratings

66 Inventory Type: 2 Rating: 13  
 64 Operating Type: 2 Rating: 29  
 231 Calculated Loads  
     H-Modified: 14 1  
     HS-Modified: 22 0  
     Type 3: 18 1  
     Type 3s2: 33 0  
     Timber: 25 1  
     Piggyback: 00 0  
 261 H Inventory Rating: 10  
 262 H Operating Rating: 15  
 67 Structural Evaluation: 2  
 58 Deck Condition: 7  
 59 Superstructure Condition: 7  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 7  
 60B Scour Condition: 7  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 6  
 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: 3  
 41 Struct Open, Posted, Cl: P  
 \* 103 Temporary Structure: T  
 232 Posted Loads H-Modified: 15  
     HS-Modified: 00  
     Type 3: 27  
     Type 3S2: 00  
     Timber: 31  
     Piggyback: 00  
 253 Notification Date: 0000  
 253 Fed Notify Date: 0000

SIA - 2

## Measurements

\* 29 ADT: 003500 Year: 1998  
 109 % Trucks: 16  
 \* 28 Lanes On: 02 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0027  
 \* 49 Structure Length: 162  
 51 Br. Rdwy. Width: 23.8  
 52 Deck Width: 30.0  
 \* 47 Tot. Horz. Cl: 23.8  
 50 Curb/Sdewlk Width: 2.0/2.0  
 32 Approach Rdwy Width: 024  
 \* 229 Shlder Width:  
     Rear Lt: 4.0 Type: 8 Rt: 4.0  
     Fwd Lt: 4.0 Type: 8 Rt: 4.0  
     Pvment Width:  
         Rear: 24.0 Type: 2  
         Fwd: 24.0 Type: 2  
     Intersection Rear: 0 Fwd: 0  
 36 Safety Features Br. Rail: 2  
     Transition: 2  
     App. G. Rail: 2  
     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 Horz: 0000  
 116 Nav Vert Cl Closed: 7.0  
 245 Deck Thickness Main: 0.0  
     Deck Thick Approach: 0.0  
 246 Overlay Thickness: 0.0  
 211 Tons Structural Steel: 20.0  
 212 Year Last Painted: Sup: 1998 Sub: 1998

## Programming Data

201 Project No: S-117 (1)  
 202 Plans Available: 1  
 249 Prop. Proj No: BRST-0573 (17)  
 250 Approval Status: 0000  
 251 P.I. No: 245355  
 252 Contract Date: 02/01/2004  
 260 Seismic No: 00000  
 75 Type Work: 34 1  
 94 Bridge Imp. Cost: \$ 174  
 95 Roadway Imp. Cost: \$ 48  
 96 Total Imp. Cost: \$ 298  
 76 Imp. Length: 000373  
 97 Imp. Year: 1990  
 114 Future ADT: 005250 Year: 2018

## Hydraulic Data

215 Waterway Data  
 Highway Elev: 0295.8 Year: 0000  
 Flood Elev: 0000.0 Freq: 00  
 Avg. Streambed Elev: 0291.2  
 Drainage Area: 00000  
 Area of Opening: 000000  
 113 Scour Critical: 6  
 216 Water Depth: 03.1 Br Height: 09.9  
 222 Slope Protection: 6  
 221 Spur Dikes Rear: 0 Fwd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
     Type: 0  
     No Barrels: 0  
     Width: 0.0  
     Height: 0.0  
     Length: 0  
     Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No: 091-00087D-014.23N  
 \* XReferen I.D. No: 000-000000-000.000

Report Date: 05/23/2001

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
*Office of Consultant Design*

PROJECT CONCEPT REPORT

Project Number: BRST-0573(17)

County: Dodge

P. I. Number: 245355

Federal Route Number: S00573

State Route Number: 87

Recommendation for approval:

2-12-02

DATE

2-12-02

DATE



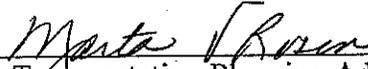
Project Manager

James B. Bonham, MSCE  
State Consultant Design Engineer

The 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).

2/20/02

Date



State Transportation Planning Administrator

Date

State Environmental/Location Engineer

Date

Office of Financial Planning Administrator

Date

State Traffic Safety & Design Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
*Office of Consultant Design*

**PROJECT CONCEPT REPORT**

Project Number: BRST-0573(17)

County: Dodge

P. I. Number: 245355

Federal Route Number: S00573

State Route Number: 87

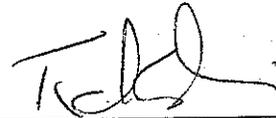
Recommendation for approval:

2-12-02

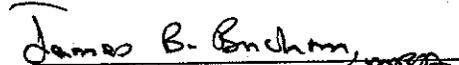
DATE

2-12-02

DATE



Project Manager

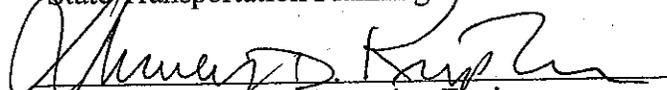
  
State Consultant Design Engineer

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\_\_\_\_\_  
Date

2/22/02  
Date

\_\_\_\_\_  
State Transportation Planning Administrator

  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Office of Financial Planning Administrator

\_\_\_\_\_  
Date

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State Traffic Safety & Design Engineer

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Date

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District Engineer

\_\_\_\_\_  
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\_\_\_\_\_  
Project Review Engineer

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\_\_\_\_\_  
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
*Office of Consultant Design*

**PROJECT CONCEPT REPORT**

Project Number: BRST-0573(17)  
County: Dodge  
P. I. Number: 245355

Federal Route Number: S00573  
State Route Number: 87

Recommendation for approval:

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Project Manager

James B. Buchanan  
State Consultant Design Engineer

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\_\_\_\_\_  
Date

\_\_\_\_\_  
State Transportation Planning Administrator

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Date

\_\_\_\_\_  
State Environmental/Location Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Office of Financial Planning Administrator

2/22/02  
Date

Phillip M. Allen  
State Traffic Safety & Design Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Review Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
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**PROJECT CONCEPT REPORT**

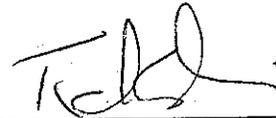
Project Number: BRST-0573(17)  
County: Dodge  
P. I. Number: 245355

Federal Route Number: S00573  
State Route Number: 87

Recommendation for approval:

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2-12-02  
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Project Manager

James B. Bonham, M.S.E.  
State Consultant Design Engineer

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\_\_\_\_\_  
Date

\_\_\_\_\_  
State Transportation Planning Administrator

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State Environmental/Location Engineer

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Date

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Office of Financial Planning Administrator

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Date

\_\_\_\_\_  
State Traffic Safety & Design Engineer

3/8/02  
Date

Michael L. Thomas  
District Engineer *MLT*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Review Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
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PROJECT CONCEPT REPORT

Project Number: BRST-0573(17)

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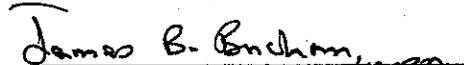
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Project Manager

  
State Consultant Design Engineer

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State Traffic Safety & Design Engineer

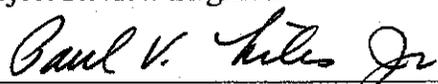
\_\_\_\_\_  
Date

\_\_\_\_\_  
District Engineer

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Date

\_\_\_\_\_  
Project Review Engineer

2/17/02  
Date

  
\_\_\_\_\_  
State Bridge & Structural Engineer