ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(685) Monroe County
P. I. No. 0000685

OFFICE Preconstruction

DATE March 28, 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
Glenn Durrence
BOARD MEMBER

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(685) Monroe County
P.I. No. 0000685

OFFICE Preconstruction

DATE March 18, 2002

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

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

SUBJECT PROJECT CONCEPT REPORT

These combined projects are the replacement of two functionally obsolete and structurally deficient bridges on CR 59/Reedy Creek Road over Tobesofkee Creek and Tributary, south of the City of Forsyth, Georgia. The existing one lane bridges, constructed in 1970, consist of steel stringer multi-beam girder, steel main support, concrete wall foundation, and timber decks. The sufficiency ratings are 46 for Tobesofkee Creek and 6 on the Tributary bridge. The existing approaches consist of a two lane dirt roadbed (18'-20') on a variable 60'-80' of existing right-of-way. Reedy Creek Road/CR 59 is functionally classified as a rural minor collector. Traffic is projected to be 200 VPD and 350 VPD in the year 2006 and 2026 respectively. The proposed speed design is 45 MPH.

The construction proposes to construct a new 220' x 24' bridge over Tobesofkee Creek and a double 10' x 8' concrete box culvert over Tobesofkee Creek Tributary at the existing bridge sites. The approaches will consist of two, 11' asphalt concrete lanes with 6' rural shoulders. Monroe County is currently developing plans to pave the existing road outside the project limits. The existing bridges will be closed and thru traffic will be detoured on local streets.

It is recommended that project BR-0000-00(686) be combined with project BR-0000-00(685). The new project will be BR-0000-00(685), P.I. No. 0000685, and will include Tobesofkee Creek and Tributary.

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.

BR-0000-00(685) Monroe
March 18, 2002

The estimated costs for this project are:

	PROPOSED	APPROVED	PROG DATE	LET DATE
Construction (includes E&C and inflation)	$$2,299,000	$1,231,000	2004	FY-04
Right-of-Way & Utilities*	Local	Local		

*Monroe County signed LGPA on 5-10-00 for right-of-way, utilities, detours and 10% of construction costs.

These projects are in the STIP. I recommend this project concept be approved and the project description be revised to reflect the project described herein.

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 BR-0000-00(685) Monroe
P.I.No. 0000685
C.R. 59/ Reedy Creek Rd.
over Tobesofkee Creek Trib.

OFFICE Thomaston

DATE March 1, 2002

FROM Glenn W. Durrence, P.E., District Engineer

TO Wayne Hutto, P.E., Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT / CONSTRUCTION COST ESTIMATE**

Attached is the Project Concept Report / Construction Cost Estimate on the above project for your review and further handling.

If additional information is needed, contact Bill Rountree, P.E., District Design Engineer, at (706) 646-6604.

WJR:CDC

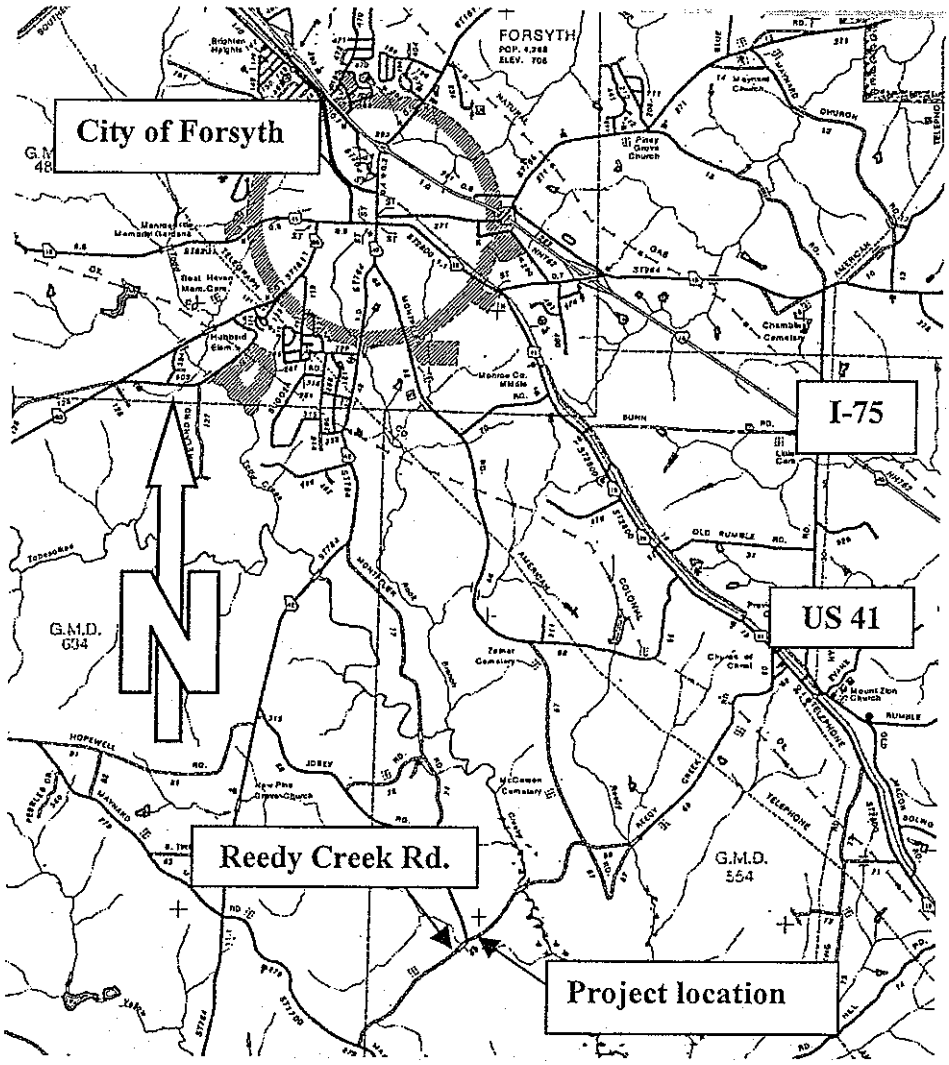
Cc: David Mulling
Debra Benton
Harvey Keepler
Tommy Cleveland
David Millen
Greg Mayo
Ethel White
Keith Rohling
Phillip Allen
Marta Rosen
Herman Griffin
Paul Liles

RECEIVED
MAR - 5 2002
BRIDGE DESIGN

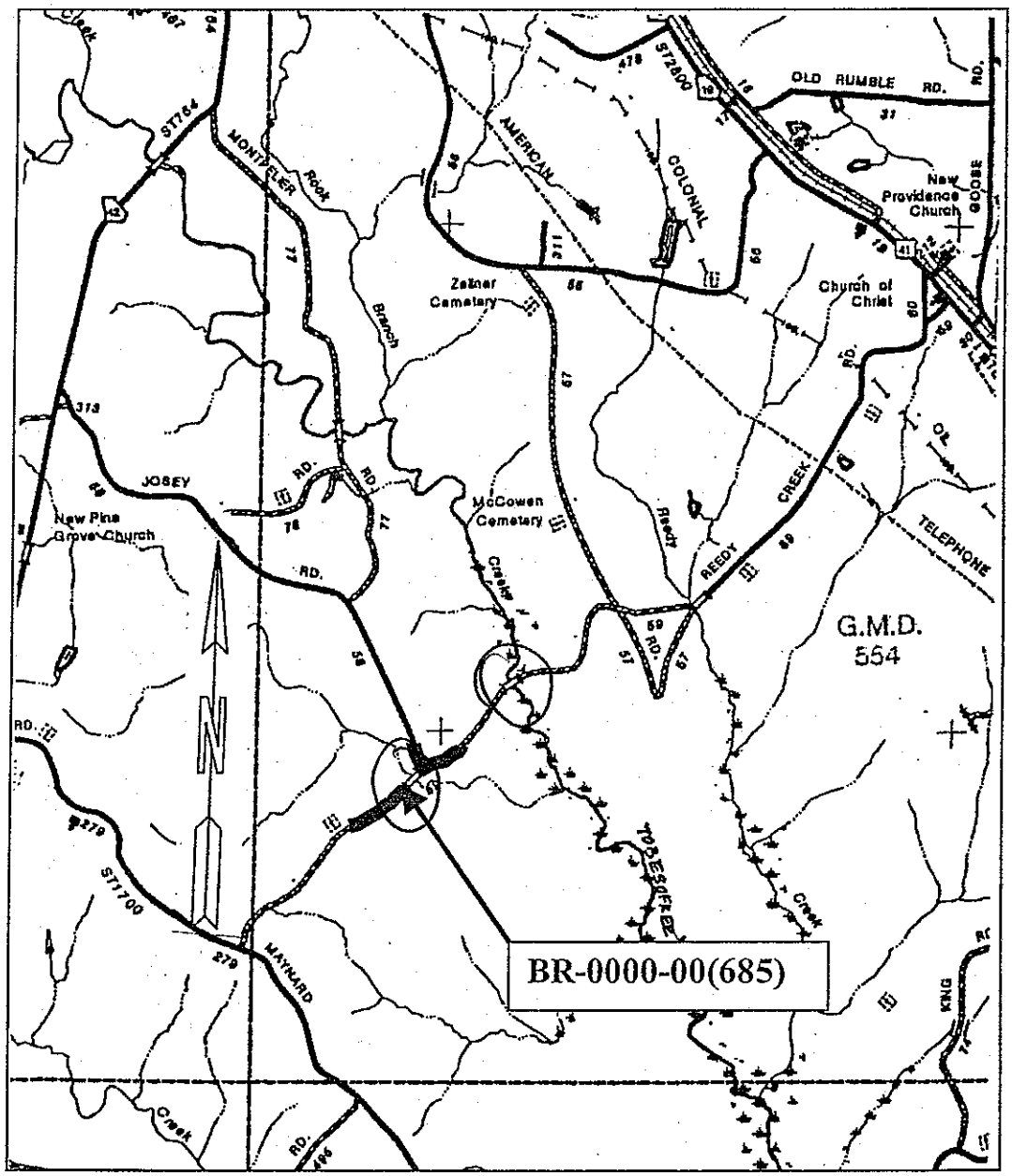
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF DISTRICT THREE DESIGN
PROJECT CONCEPT REPORT

C.R. 59/Reedy Creek Rd. @ Tobesofkee Creek Tributary
Project Number: BR 0000-00(685)
County: Monroe
P. I. Number: 0000685

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



Project Location Map



Scale: Not to scale

Project: BR-0000-00(685) Monroe County, PI No.: 0000685
Description: C.R. 59/Reedy Creek Rd. @ Tobesofkee Creek Tributary

Need and Purpose: Bridge project BR-0000-00(685) will replace the structurally deficient bridge located on Reedy Creek Road/CR 59 over Tobesofkee Creek. Reedy Creek Road is currently a two-lane dirt road approximately 20 feet wide with some crushed stone paving. The existing bridge structure is a single lane bridge. The bridge's sufficiency rating is 6.0. 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 reinforced box culvert.

Reedy Creek Road/CR 59 is functionally classified as a rural minor collector roadway and is not a designated school bus route. Presently there is no posted speed limit along this section of Reedy Creek Road/CR 290. Development along Reedy Creek Road is continuing with primarily residential housing. Monroe County is currently in the process of developing plans to pave the remaining portion of Reedy Creek Road. The bridge is located seven miles south of Forsyth and was constructed in 1970. The Average Daily Traffic (ADT) along this section of roadway is 150 in 2006. The projected (2026) ADT for this section of roadway is 350 with 2 percent trucks.

There is a bridge replacement project located within the immediate project area. There are no other projects located in this area in the Department's long-range Construction Work Program. The proposed project is in an area where there is a limited amount of pedestrian traffic therefore no sidewalk will be included in the project design. Also, Reedy Creek Road/CR 59 is not included in the Georgia Bicycle Statewide Network.

The proposed roadway width is 22 feet with 6 foot grassed shoulders for a total width of 34 feet, which will be the width across the proposed concrete box culvert. Replacing the bridge will bring it up to current AASHTO geometric design standards and in doing so will improve the operation and safety of this roadway. The reinforced box culvert would be designed for future widening should it become necessary.

Description of the proposed project: The approximate project length is 0.376 miles. The project is located in Monroe County, south of the city of Forsyth, on Reedy Creek Road at an unnamed tributary to Tobesofkee Creek, near the intersections of Reedy Creek Road with Josey Road and Chambless Road.

The proposed project calls for the replacement of the existing bridge with a concrete box culvert and raising the grade and paving Reedy Creek Road. The proposed culvert would replace the existing single lane wood deck bridge.

The existing road is an approximately 20 foot wide dirt road with some crushed stone paving. The proposed road will raise the grade of the existing road and pave this section of Reedy Creek Road with asphaltic concrete paving. The proposed roadway width is 22 feet with 6 foot wide grassed shoulders. The proposed horizontal and vertical geometries will be designed to meet a 45 MPH speed design.

The east and west ends of the project will tie into the existing dirt road. Monroe County is currently developing plans to pave the existing road outside the project limits. Therefore, this project on Reedy Creek Road may tie into a paved road depending on Monroe County's schedule for paving.

The east tie point is approximately 0.27 miles from another bridge replacement project, BR-0000-00(686), Monroe Co., P.I. No. 0000686, C.R. 59/Reedy Creek Rd @ Tobesofkee Creek. The gap between the projects is proposed to be paved by Monroe County.

Josey Road will be realigned to create a more 90-degree intersection angle with Reedy Creek Road. The length of construction along Josey Road is approximately 0.12 miles.

Chambless Road will follow its current horizontal alignment. It will be adjusted vertically to tie to Reedy Creek Road. The length of construction along Chambless Road is approximately 0.13 miles.

The proposed revisions to the geometry of the mainline and side streets and the replacement of the existing structure will increase the level of service of the roadway and provide a safer driving environment on the paved road.

Is the project located in a Non-attainment area? _____**Yes** ___X_**No.**

PDP Classification: Minor

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

Functional Classification: Rural Minor Collector

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

Traffic (AADT):

Current Year: (2006) 200 Design Year: (2026) 350
K = 9 %
D = 60 %
T = 5 %
24 hr T = 7%
SU = 3.5%
Comb = 3.5%

Existing design features:

- Typical Section: Two lane dirt / gravel road (20 ft wide).
- Posted speed: Not posted Maximum degree of curvature: 12°
- Maximum grade: 9 %
- Width of right of way: 60 - 80 ft.
- Major structures: 30 ft x 14ft single lane bridge over Tobesofkee Creek tributary, with concrete abutments, steel beams and wooden deck.
- Major interchanges or intersections along the project: Reedy Creek Rd. and Josey Rd, Reedy Creek Rd. and Chambless Rd.

Proposed Design Features:

- Proposed typical section(s): Two 11 ft lanes, with 6 ft rural type grass shoulder.
- Proposed Design Speed Mainline: 45 mph
- Proposed Design Speed Side Street: 35 mph (Chambless Rd)
- Proposed Maximum grade Mainline 7.5 % Maximum grade allowable 7.5 %.

- Proposed Maximum grade Side Street 8.0% Maximum grade allowable 8.5 %
- Proposed Maximum grade driveway N/A
- Proposed Maximum degree of curve 3° (Reedy Creek Rd.) Maximum degree allowable 9° 45'
- Proposed Maximum degree of curve 9°45' (Josey Rd.) Maximum degree allowable 9° 45'
- Proposed Maximum degree of curve 12° (Chambless Rd.) Maximum degree allowable 12°
- Right of way
  - Total width 100ft – 180ft
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other (X).
  - Number of parcels: 14 Number of displacements: 0
- Structures:
  - Bridges - None
  - Retaining walls – None anticipated
  - Double 10ft x 8ft concrete box culvert on Tobesofkee Creek tributary
- Major intersections and interchanges: Reedy Creek Rd. and Josey Rd, Reedy Creek Rd. and Chambless Rd.
- Traffic control during construction: Part of the roadway under construction will be open only to local traffic. Existing bridge will be closed and thru traffic will be detoured on local streets. Temporary driveway will be provided for properties off Chambless Rd.
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
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 expected
- Environmental concerns: To be determined by GDOT for Tobesofkee Creek tributary. Do not anticipate any UST, hazardous waste, or historical impacts.

- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements: Power (Lamar E.M.C.), Telephone (Bell South)

Project responsibilities:

- Design - GDOT
- Right of Way Acquisition – Monroe Co.
- Relocation of Utilities – Utility Owners / Monroe Co.
- Letting to contract - GDOT
- Supervision of construction - GDOT
- Providing material pits – Monroe Co.
- Providing detours - Monroe Co.

Coordination

- Initial Concept Meeting date and brief summary. – 11/26/01
- Concept meeting date and brief summary - 01/10/02
- P. A. R. meetings, dates and results - None
- FEMA, USCG, and/or TVA - None
- Public involvement. None required.
- Local government comments – LGPA has been signed between GDOT and Monroe Co. on May 10, 2000. Based on that, Monroe Co. is responsible for R/W purchasing, utility relocation, providing detours and covering 10% of project construction cost.
- Other projects in the area
  1) BR-0000-00(686). Monroe Co., P.I. No. 0000686, CR59/Reedy Creek Rd @ Tobesofkee Creek.
  2) Monroe County contract project to pave Reedy Creek Road (parts of the road not covered by projects PI No. 0000686 and 0000685).
- Other coordination to date – None.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 1 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 3 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: 0 Months.

Other alternates considered: No build - This does not meet the need for improvements of Reedy Creek Road.

Comments: None

Attachments:

1. Cost Estimates:
   a. Construction including E&C,
   b. Utilities.
2. Sketch location map,
3. Typical section,
4. Minutes of Initial Concept and Concept meetings,
5. LGPA

6. Bridge inventory sheet
7. Notice of Location and Design approval
8. Concept rating form

Project Number: BR-0000-00(685)
P. I. Number: 0000685
County: Monroe

PRELIMINARY COST ESTIMATE

PREPARED BY: J. Domiter, Arcadis PROJECT LENGTH: 0.376 miles

ESTIMATED LETTING DATE:

☐PROGRAMMING PROCESS ☒CONCEPT DEVELOPMENT ☐DURING PROJECT DEV.

PROJECT COST		
A. RIGHT-TO-WAY		
1. PROPERTY (LAND & EASEMENT)		
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0		
3. OTHER COST (ADM./COST, INFLATION)		
PAID FOR BY MONROE COUNTY	SUBTOTAL: A	LPGA
B. UTILITIES		
1. REIMBURSABLE UTILITIES		
a. RAILROAD		
b. TRANSMISSION LINES		$ 1,221.00
c. SERVICES		
$1,221 PAID FOR BY MONROE COUNTY	SUBTOTAL: B-1	LPGA
2. NON-REIMBURSABLE UTILITIES		
a. WATER & SEWER		
b. TELECOMMUNICATION – BELL SOUTH		$ 22,000.00
(COST TO BE COVERED BY THE UTILITY OWNER)	SUBTOTAL: B-2	$ 22,000.00
C. CONSTRUCTION:		
1. MAJOR STRUCTURES		
a. CONCRETE BOX CULVERT (110 lf @ $2,050 / lf)		$ 225,500.00
b. OTHER		$ 0.00
	SUBTOTAL: C-1	$ 225,500.00
2. GRADING AND DRAINAGE:		
a. EARTHWORK (66,000 cy @ $4.00/cy)		$ 264,000.00
b. DRAINAGE:		
1) Cross Drain Pipe (LUMP)		$ 35,000.00

PROJECT COST		
2) Curb and Gutter	$	0.00
3) Longitudinal System (include catch basins)	$	0.00
SUBTOTAL: C-2	$	299,000.00
3. BASE AND PAVING:		
a. AGGREGATE BASE (4,600 Tons @ $23.00/ Ton) SUBTOTAL: C-3.a	$	105,800.00
b. ASPHALT PAVING:		
Surface (700 Ton @ $42.00/ Ton)	$	29,400.00
Binder (1000 Ton @ $40.00/ Ton)	$	40,000.00
SUBTOTAL: C-3.b	$	69,400.00
c. CONCRETE PAVING	$	0.00
d. OTHER (Bituminous Tack coat: 600 Gal @ $1.00/ Gal)	$	600.00
SUBTOTAL: C-3	$	175,800.00
4. LUMP ITEMS:		
a. GRASSING (7 ac @ $2,000/ ac)	$	14,000.00
b. CLEARING AND GRUBBING (9 ac @ $4,000/ ac)	$	36,000.00
c. LANDSCAPING	$	0.00
d. EROSION CONTROL (LUMP)	$	40,000.00
e. TRAFFIC CONTROL	$	10,000.00
SUBTOTAL: C-4	$	100,000.00
5. MISCELLANEOUS:		
a. LIGHTING ( )	$	0.00
b. SIGNING - MARKING	$	4,300.00
c. SIGNAL INSTALLATIONS	$	0.00
d. GUARDRAIL – (4,200 ft @ $12.50/ ft)	$	52,500.00
e. OTHER	$	0.00
SUBTOTAL: C-5	$	56.800.00
6. SPECIAL FEATURES: SUBTOTAL: C-6	$	0.00

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	LGPA
B. UTILITIES	
1. REIMBURSABLE UTILITIES	LGPA
2. NON-REIMBURSABLE UTILITIES ($22,000)	Local utility owner
C. CONSTRUCTION	
1. MAJOR STRUCTURES	$ 225,500
2. GRADING AND DRAINAGE	$ 299,000
3. BASE AND PAVING	$ 175,800
4. LUMP ITEMS	$ 100,000
5. MISCELLANEOUS	$ 56,800
6. SPECIAL FEATURES	$ 0
SUBTOTAL CONSTRUCTION COST	$ 857,100
E. & C. (10%)	$85,710
INFLATION (5% PER YEAR) – 2 YEARS	$87,853
TOTAL CONSTRUCTION COST	$1,030,663
GRAND TOTAL PROJECT COST	**$1,030,663**

This project is 100 percent in congressional district 8.

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: **BR-0000-00(685) Monroe County, P.I. #0000685**
Bridge Replacement on Reedy Creek Road
@ Tobesofkee Creek Trib

DATE: February 7, 2002

FROM: Glenn W. Durrence, District Engineer

OFFICE: Thomaston

TO: David Millen, District Preconstruction Engineer
ATTN: Bill Rountree

SUBJECT: UTILITY COST ESTIMATE

The following is a ballpark utility cost estimate for facilities located within the scope of the above referenced project:

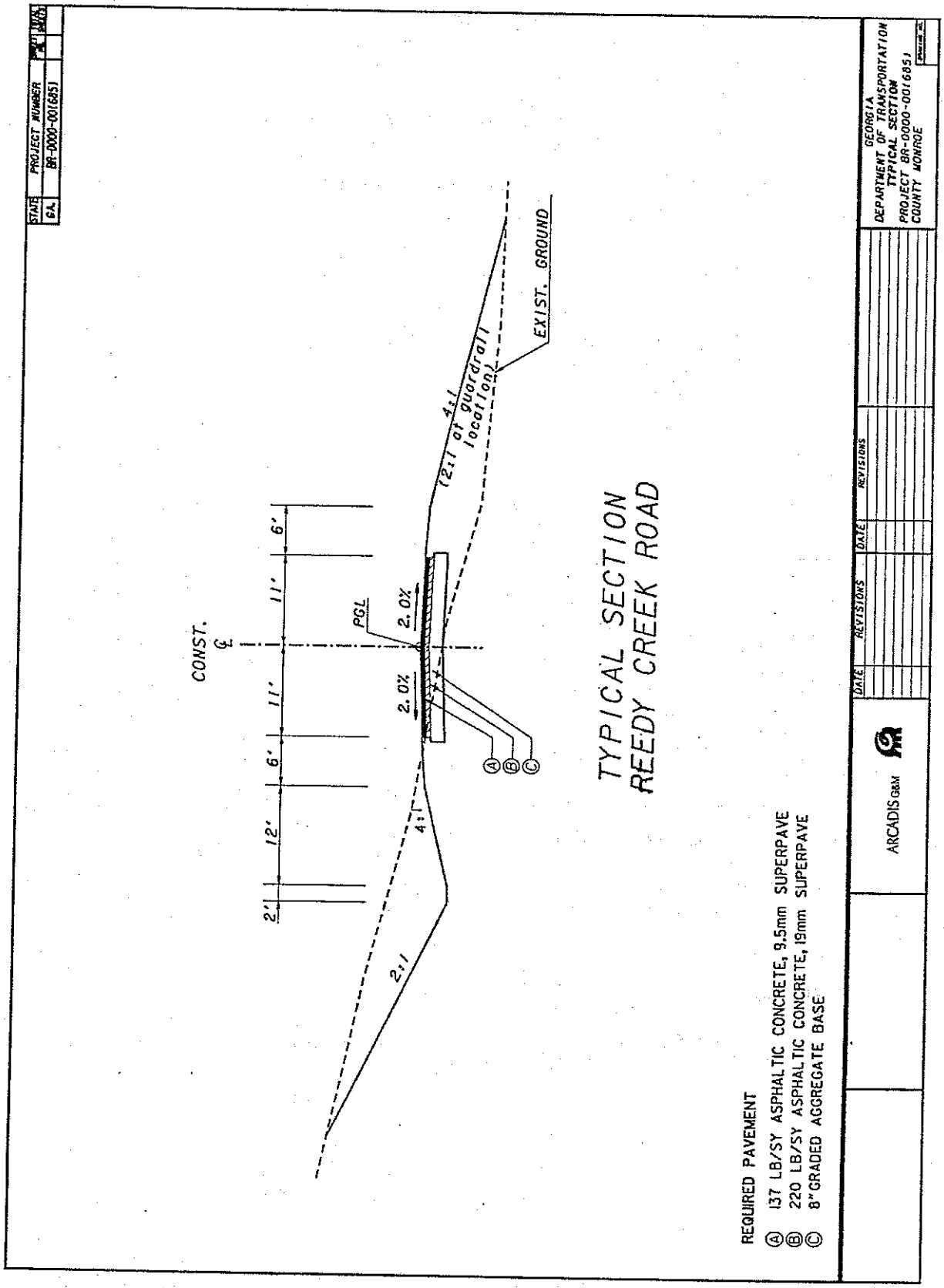
UTILITY OWNER	PRIVATE OR PUBLIC	TYPE OF UTILITY	REIMBURSABLE COSTS	NON-REIMBURSABLE COSTS
Lamar EMC	Private	Electric	1,221	0
BellSouth Telecommunications, Inc.	Private	Tel Comm	0	22,000
TOTAL			$1,221	$22,000

If you have any questions, please call Glenn A. Williams at 706-646-6549.

KG:GAW:pls

cc: Jeff Baker, P.E., State Utilities Engineer *(via: e-mail to Scott Greene)*
Herman Griffin, P.E., State Programming Engineer

715 Andrews Drive, Thomaston, Georgia 30286-4524, Telephone (706) 646-6550, Fax (706) 646-6384


STATE
GA.
PROJECT NUMBER
BR-0000-0016(685)
CONST. ℄
2'
12'
6'
11'
11'
6'
PGL
2.0%
2.0%
4:1
2:1
4:1
(2:1 at guardrail location)
EXIST. GROUND
A
B
C
TYPICAL SECTION
REEDY CREEK ROAD
REQUIRED PAVEMENT
A 137 LB/SY ASPHALTIC CONCRETE, 9.5mm SUPERPAVE
B 220 LB/SY ASPHALTIC CONCRETE, 19mm SUPERPAVE
C 8" GRADED AGGREGATE BASE
ARCADIS G&M
DATE
REVISIONS
DATE
REVISIONS
GEORGIA
DEPARTMENT OF TRANSPORTATION
TYPICAL SECTION
PROJECT BR-0000-0016(685)
COUNTY MONROE

MEETING REPORT

Participants:
Jim Ham, Monroe Co.
Sid Banks, Monroe Co.
Bill Rountree, GDOT
Chuck Coogler, GDOT
Tommy Cleveland, GDOT
Rickey Wall, GDOT
Glenn A. Williams, GDOT
Brink Stokes, GDOT
Geraldine Trice, GDOT
Brad Thompson, GDOT
J.D. Stallings, GDOT
J. Howard Bach, Moreland Altobelli
Cooter Waller, Moreland Altobelli
Alex Wiley, ARCADIS G&M
Jan Domiter, ARCADIS G&M

Copies:
Participants

ARCADIS G&M, Inc.
2849 Paces Ferry Road
Suite 400
Atlanta
Georgia 30339
Tel 770 431 8666
Fax 770 435 2666

TRANSPORTATION

Place/date of meeting:
Reedy Creek Road at Tobesofkee Creek Bridge,
Monroe County, Georgia
November 26, 2001

Minutes by:
Jan Domiter

Subject:
Project Kickoff Meeting
BR-0000-00(685) and (686)
Monroe County
P.I. Nos. 0000685 and 0000686

ARCADIS G&M Project No.:
GA63020.0205 and
GA63020.0206

This document should be reviewed by all recipients. Any additions, revisions, or deletions should be called to the attention of the writer within ten (10) days.

General Comments for Both Projects

1. The existing road is a two-lane dirt road with some crushed stone paving. There are numerous corrugations and rutting of the existing roadway.

2. The two bridges are single-span bridges with concrete abutments on each end. The bridges have steel beams with wood decking. Each is a single-lane bridge.

3. The existing vertical geometry of the road appears to have relatively short vertical curves with limited sight distance. Woods line both sides of the project with a few residences and no apparent businesses.

4. It was noted that Monroe County has contracted the services of Moreland Altobelli to provide plans for paving Reedy Creek Road. Their proposed work will tie into the bridge replacement projects. GDOT is to provide them with a point to begin or end their project(s) on Reedy Creek Road.

5. It was noted that Monroe County will be acquiring the right-of-way for this project.

6. Mr. Rountree stated that GDOT would be preparing the right-of-way and construction plans for both projects. ARCADIS G&M (ARCADIS) is only doing the concept work for the projects.

7. Mr. Ham stated that anything the Department could do to expedite the project would be greatly appreciated. He said that he would like to see the paving and bridge replacement projects begin as soon as possible.

8. Mr. Rountree stated that a concept team meeting would be held in a few weeks to review the proposed concepts for both projects and solicit comments. He said that in addition to GDOT personnel, Monroe County would be invited to the meeting.

Project BR-0000-00(685), Reedy Creek Road over Tobesofkee Creek

1. Mr. Banks noted that Tobesofkee Creek has flooded in the area of Reedy Creek Road and overtopped the roadway. He stated that the creek would spread well beyond the width of the normal stream channel.

2. GDOT provided ARCADIS with a set of proposed roadway plans for this section of Reedy Creek Road. The plans were prepared by GDOT in the late 1980s and were ready for construction of the bridge replacement project. In reviewing those plans it was decided that the proposed horizontal and vertical alignment looked acceptable. However, ARCADIS is to verify that the plan's horizontal and vertical geometries meet the speed design required. ARCADIS will evaluate the speed design of the roadway plans and advise GDOT of the results within approximately one week.

3. The original roadway plans were designed based on a speed design of 55 mph. The design met the criteria for a 55 mph roadway at the time they were prepared. They may not meet current design standards for 55 mph. Monroe County stated that they thought that 45 mph would be an acceptable speed design for the corridor. Mr. Rountree requested that Monroe County provide a letter to GDOT stating that 45 mph should be used for the design of the project.

4. It was agreed that if the review of the original plans indicates that the speed design is acceptable, Moreland Altobelli can use the end point of the original project plans for a tie point to begin their proposed paving plans. Mr. Cleveland stated that he could provide them with the coordinates of the tie point. Moreland Altobelli is to coordinate this with GDOT.

5. The proposed typical section of the new roadway will consist of two 11-foot-wide lanes and 6-foot grassed shoulders.

6. GDOT will provide a copy of the original proposed roadway plans to Monroe County/Moreland Altobelli.

7. The utility conflicts should be minimal for this project. Lamar E.M.C. and Bell South are the only known utilities in the corridor. Both of these are aerial.

8. This project is currently scheduled for construction to begin in state fiscal year 2004.

Project BR-0000-00(686), Reedy Creek Road Over an Unnamed Tributary to Tobesofkee Creek

1. GDOT delivered to ARCADIS copies of the survey field books for this project.

2. This project will have the same typical section as the previous one. The section will consist of two 11-foot-wide lanes and 6-foot grassed shoulders.

3. The utility conflicts should be minimal for this project. Lamar E.M.C. and Bell South are the only known utilities in the corridor. Both of these are aerial.

4. The existing alignment has a slight jog in it from the east approach to the bridge. It was suggested that this alignment be straightened and allow for only one horizontal curve. This was sketched on a plan sheet. This would keep a tangent at the bridge crossing. It would impact one property owner by taking their barn and would require a substantial amount of excavation from the south side of the road on the east side of the bridge. ARCADIS will review this alignment.

5. It was recommended that Josey Road be realigned to come into Reedy Creek Road at more of a 90-degree intersection.

6. It was noted that the grade on the west side of the creek seems to be steep. ARCADIS is to verify that the slope does not exceed design standards.

MEETING REPORT

Participants:
Bill Rountree, GDOT
Chuck Coogler, GDOT
Rickey Wall, GDOT
John Moretto, GDOT
Renee Arnold, GDOT
Windy Bickers, GDOT
Debra Benton, GDOT
Lesa Walker, GDOT
Glenn A. Williams, GDOT
Tommy Cleveland, GDOT
Brink Stokes, GDOT
Lamar M. Pruitt, GDOT
Geraldine Trice, GDOT
Brad Thompson, GDOT
J.D. Stallings, GDOT
Todd Repass, GDOT
Jim Hoskins, GDOT
Sid Banks, Monroe Co.
Jeff Turner, Monroe Co. Board of Education
Mell Redd, BellSouth
Cooter Waller, Moreland Altobelli
Bruce McBee, Moreland Altobelli
Alex Wiley, ARCADIS
Jess Billmeyer, ARCADIS
Touré Moody, ARCADIS
Jan Domiter, ARCADIS

Copies:
Participants

Place/date of meeting:
GDOT Signal Shop Building,
Thomaston, Georgia
January 10, 2002

Minutes by:
Jan Domiter

Subject:
Concept Team Meeting
BR-0000-00(685) and (686)
Monroe County
P.I. Nos. 0000685 and 0000686

ARCADIS G&M Project Nos.:
GA63020.0205 and
GA63020.0206

Project Introduction and General Comments

Bill Rountree of the Georgia Department of Transportation (GDOT) started the meeting with an introduction and purpose for the meeting. He also asked the participants to introduce themselves and identify the organization they were representing.

Jan Domiter of ARCADIS then briefly described the two projects. He described the existing conditions, proposed design features, typical section, maintenance of traffic, construction cost and other design and construction related issues that the designers encountered during the concept preparation phase.

Project No. BR-0000-00(686)

1. The concept was based on construction plans completed in December 1986. ARCADIS verified that the horizontal and vertical alignment met a 45 mph design speed. The proposed typical section consists of two 11-foot lanes and 6-foot grassed shoulders. The vertical alignment and the proposed bridge elevation were set based on the flood level of Tobesofkee Creek. This raised the roadway up to approximately 20 feet above the existing terrain at the creek

crossing. The proposed bridge is 220 feet long and 24 feet wide. This will replace the existing one-lane wood deck bridge. ARCADIS stated that because of the extensive earthwork associated with this project, the roadway would be closed to through traffic during construction. Local residents would be provided access to their properties.

2. Monroe County stated that it has a great interest in the completion of this project and has asked GDOT to get the project under construction as soon as possible. Purchasing the right-of-way by Monroe County could be the limiting factor in this process. The county's contract for paving Reedy Creek Road is underway and ties to this project. The county has received the tie-in points between its project and this one.

Project No. BR-0000-00(685)

9. ARCADIS presented the proposed layout of the roadway improvements for Reedy Creek Road and the two intersecting side roads, Josey Road and Chambless Road. The objective of the project is to replace the existing bridge and improve the alignment of Reedy Creek Road at the Tobesofkee Creek tributary crossing. It is also to tie in the existing side roads at a near 90 degree intersection. The typical section and speed design were the same as project BR-0000-00(686). Prior to this meeting the proposed layout was sent to GDOT for review. Mr. Rountree presented a slightly modified alignment at the meeting. ARCADIS was given a copy of the revised layout at the meeting with instructions to review the alignment and incorporate it into the final concept.

10. ARCADIS stated that the existing 9 percent slope of Reedy Creek Road on the west side of the project exceeds the AASHTO maximum slope of 7.5 percent for this road type and speed design. The slope difference greatly affects the vertical design of this project and the roadway past the project. Outside the project limits, the proposed road design is the responsibility of Monroe County and its paving contract. The county will have to coordinate the grade and tie-in point with GDOT. They may request a design exception for the grade.

11. ARCADIS noted that the proposed profile elevation of the road as currently designed is about 20 feet above the existing road at the creek crossing and at the Chambless Road intersection. This not only increases the project limits but it also affects the construction staging. A temporary road/driveway will need to be provided for residents on Chambless Road during construction. The proposed right-of-way will need to account for this driveway. Since the proposed roadway crosses the creek at the location of the existing bridge, it will not be possible to keep the bridge open during construction of the bridge and the high fill. Traffic will need to be detoured. Local residents will still be provided access to their properties during construction. This will be coordinated during the preparation of the staging plans for the project.

12. ARCADIS stated that based on the preliminary storm drainage calculations, the bridge could be replaced with a double 10-foot by 8-foot concrete box culvert. The exact size of the culvert will need to be determined during the design of the construction plans.

Comments on the Concept Report

1. After the presentation and discussion of the concept layout by Mr. Domiter, Mr. Rountree took over the meeting and went through the concept reports page by page. Both project reports were reviewed at the same time because they were very similar and were almost next to each other.

2. Cover sheet – The P.I. Number needs to be changed to show four zeros instead of 3 (i.e., 0000686 and 0000685).

3. Page 2

   a. Remove the word "Improvement" from Regional Transportation Improvement Program and change the abbreviation to say RTP.

   b. Add *State Bridge and Structural Design Engineer* to the signature list.

4. Page 4 – Need and purpose statement – Lesa Walker of the GDOT planning office stated that she would provide more information to be included in the need and purpose statements on these two projects within a week. Ms. Walker indicated that the bridge sufficiency ratings for the two existing bridges would need to be included in the report.

5. Page 5

   a. Traffic information – The current traffic for the report should be year 2006 instead of 2001.

   b. Existing features – The typical section should read as follow: *Two-lane dirt/gravel road (by feet wide)*. The crushed stone paving should be omitted.

   c. The posted speed should be revised from N/A mph to *not posted*.

   d. On project no. BR-0000-00(686) the existing right-of-way along the existing road is only dedicated and is not deeded. Therefore, the width shown for the existing right-of-way should be changed to *None*.

   e. Change N/A at the maximum driveway slope to *Undetermined*.

   f. Proposed design features – Distinguish between design of mainline and side roads for the maximum degree of curvature. Also include the design speed if it is different than the mainline.

   g. Right-of-way should say *Total width*, instead of *Width*. It includes the existing right-of-way and the proposed right-of-way to be acquired.

6. Page 6

   a. Design exceptions – As discussed previously, existing slope of Reedy Creek Road at the beginning of project BR-0000-00(685) does not meet the design criteria. Monroe County may submit letter asking for a design exception. Therefore, vertical grades should be checked as *Undetermined*.

   b. Project Responsibilities – Based on the information about signed LPGA between GDOT and Monroe County (see "c" below) the following will apply:

      i) Utilities will be the responsibility of both utility companies and Monroe County.

      ii) Providing material pits and detours is also the responsibility of Monroe County.

   c. Coordination – Local government comments – LGPA was signed between GDOT and Monroe County on May 10, 2000. Monroe County is responsible for the purchasing of right-of-way, utility relocations, providing detours, and covering 10 percent of the project construction cost.

   d. GDOT and Monroe County would prefer to let the two projects together, in order to possibly reduce construction cost. Currently, the projects are scheduled for construction in fiscal year 2004. However, they can also be constructed separately, in which case Monroe County would prefer that project BR-0000-00(686), Reedy Creek Road over Tobesofkee Creek, be constructed as the earlier of the two.

7. Page 7 – Scheduling

   a. Change the time to complete the right-of-way plans from 3 months to 1 month.

   b. ARCADIS will revise the list of attachments in the concept report.

   c. Other projects in the area – add *Monroe County Contract Project to pave Reedy Creek Road* to replace Monroe County project in the original description.

   d. Signature for Approval, Exempt projects, will be removed from the report.

8. Page 8

   a. Preliminary cost estimate –Substitute the price for right-of-way and utilities to be paid in accordance with the signed LGPA.

b. Add $20,000 to the cost estimate for cross-drain pipes on project BR-0000-00(686).

c. Correct rounding of quantities should be used throughout the cost estimate.

9. Page 11 – Typical section – Add the description *at guardrail location* to 2:1 slope.

Comments from Meeting Participants

After the review of the concept report, Mr. Rountree asked all participants to provide their comments on the two projects. The following are the only comments noted:

7. Glenn Williams from the GDOT utilities office stated that from a construction standpoint there would be minimal conflict with utilities on both projects.

8. Monroe County wants to add a 12-inch waterline to the bridge over Tobesofkee Creek, project BR-0000-00(686), so they asked GDOT to take this into consideration when designing the bridge. The county will send an official letter to GDOT regarding this issue.

9. Monroe Co. representatives were given copies of each project drawing for their use and record.

There were no more comments. Mr. Rountree adjourned the meeting.

District Engineer 3
GENERAL FILES

MAY 2000 Station Dept. 6 RECEIVED DISTRICT 3 THOMASTON

Department of Transportation

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

MAY 15 2000

April 11, 2000

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

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

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

BILLY F. SHARP
TREASURER
(404)656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, MONROE County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0000-00(685) MONROE CO., PI # 0000685:

BRIDGES
CR 59/REEDY CREEK ROAD @ TOBESOFKEE CREEK TRIB.

[x] 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.

[x] 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.

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

[x] 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.

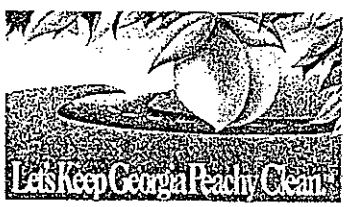
[x] OTHER: Monroe County to pay 10% towards construction cost.

This 10th *day of* May, 2000

APPROVED _____

City/County Official

TO		DATE
	D.E.	
	Constr.	
	Adm.	
	St. Aid	
	Maint.	
3	Precon	DM
	Loc.	
	T & S	
7	Util.	
	EEO	
	Safety	
	Matls.	
	Design	
	Crs.	
	R/W	
Return to:		



```
---- 1: LOCATION AND GEOMETRIC DATA                          26-FEB-2002
BRIDGE IN MONROE COUNTY                  | SERIAL NUMBER      : 5009-0
---------- FACILITY CARRIED ----------   | YEAR CONSTRUCTED   : 1970
     REEDY CREEK ROAD                    | YEAR RECONSTRUCTED: None
-------------- LOCATION --------------   | DATE INSEPCTED     : December 2000
     7 MI S OF FORSYTH                   | DESIGN LOAD        : Other or Unknown
-------- FEATURES INTERSECTED --------   | NATIONAL TRUCK RTE: OFF NETWORK
     TOBESOFKEE CREEK TRIB.              | SCHOOL BUS ROUTE   : NO
TYPE SERVICE ON    : Highway
TYPE SERVICE UNDER: Waterway.
STRUCTURE    : Steel Stringer Multi-beam; Girder
SURFACE      : Timber.
DECK         : Timber
MAIN SUPPORT: Steel
SUBSTRUCTURE: Concrete
FOUNDATION   : Concrete wall.
---- 2: SIGNS AND ATTACHMENT DATA
GUARDRAIL REAR         : None.
GUARDRAIL FORWARD      : None.
GUARDRAIL REAR OPP DIR: None.
GUARDRAIL FOR. OPP DIR: None.
---- 3: PROGRAMMING DATA
CONTARCT DATE      : 02/01/04
RANKING NUMBER     : 0 Priority rating
TOTAL PROJECT COST: $512,000 (1990 IMPROVEMENT COST ESTIMATE)
LAST PROJECT #     : UNKNOWN
PROPOSED PROJECT #: BR-0000-00 (685)
PROPOSED WORK      : Replace; substandard load capacity or geometry.
RECONSTRCT. STATUS: Not eligible for Federal Bridge Replacement Funds.
---- 4: HYDRAULIC DATA
SCOUR CRITICAL: Scour calculations not yet made
---- 5: MEASURMENT DATA
NUMBER OF LANES ON:  1  UNDER:  0
STRUCTURE LENGTH   : 29 FT        BRIDGE ROADWAY WIDTH: 13.0 FT
CLEARANCE (FT-IN)  : OVER: 99-99  UNDER: 00-00  HORIZONTAL: 15.6 FT
SIDEWALK OR CURB   : 0.5 FT (LT) 0.5 FT (RT)
BRIDGE RAILING     : Safety feature required; none provided.
APPROACH GUARDRAIL: Safety feature required; none provided.
---- 6: RATING DATA
INVENTORY    : Indefinite safe use HS loading of 04 tons.
OPERATING    : Over 39.9% below legal load limit.
SUFFICIENCY  : 5.7
STRUCTURE    : Intolerable requiring high priority of replacement.
DECK         : FAIR, sound primary elements, possible minor defects.
MAIN SUPPORT: POOR, advanced section loss, deterioration, spalling, scour.
SUBSTRUCTURE: GOOD, some minor problems.
SCOUR        : NEGLIGIBLE - structure function unaffected.
CHANNEL PROT: Eroded banks and restricted channel, major damage.
---- 7: POSTING DATA
STRUCTURE POSTED : Open; posting recomended but not implemented.
TEMPORARY POSTING: No temporary conditions exist.
ACTUAL POSTINGS  : [H: 07  TONS] [TRI: NP  TONS] [3S2: NP  TONS]
```

NOTICE OF LOCATION AND DESIGN APPROVAL

BR-0000-00(685), Monroe County
P. I. NUMBER 0000685

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 this project.

The date of location approval is _____.

Project BR 0000-00(685) is the replacement of an existing bridge on Reedy Creek Road, C.R. 59, over an unnamed tributary to Tobesofkee Creek. The project is located south of the city of Forsyth in Monroe County. The project is approximately 0.4 miles long.

The proposed project calls for the replacement of the existing single lane wood deck bridge with a reinforced concrete box culvert. The proposed roadway is a 22 feet wide asphalt roadway with 6 foot grassed shoulders on each side. The proposed construction will bring the horizontal and vertical alignments up to a 45 mph speed design.

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:

Brink Stokes, Area Engineer
Brink.Stokes@dot.state.ga.us
4499 Riverside Dr.
Macon, Georgia 31210
(978) 757-2601

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:

William J. Rountree, P.E., District Design Engineer
Department Of Transportation
Thomaston District Office
Bill.Rountree@dot.state.ga.us
715 Andrews Drive
Thomaston, Georgia 30286-4524
(706) 646-6604

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0000-00(686) Monroe
P.I.No. 0000686
C.R. 59/ Reedy Creek Rd.
over Tobesofkee Creek

OFFICE Thomaston

DATE March 1, 2002

FROM Glenn W. Durrence, P.E., District Engineer

TO Wayne Hutto, P.E., Assistant Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT / CONSTRUCTION COST ESTIMATE**

Attached is the Project Concept Report / Construction Cost Estimate on the above project for your review and further handling.

If additional information is needed, contact Bill Rountree, P.E., District Design Engineer, at (706) 646-6604.

WJR:CDC

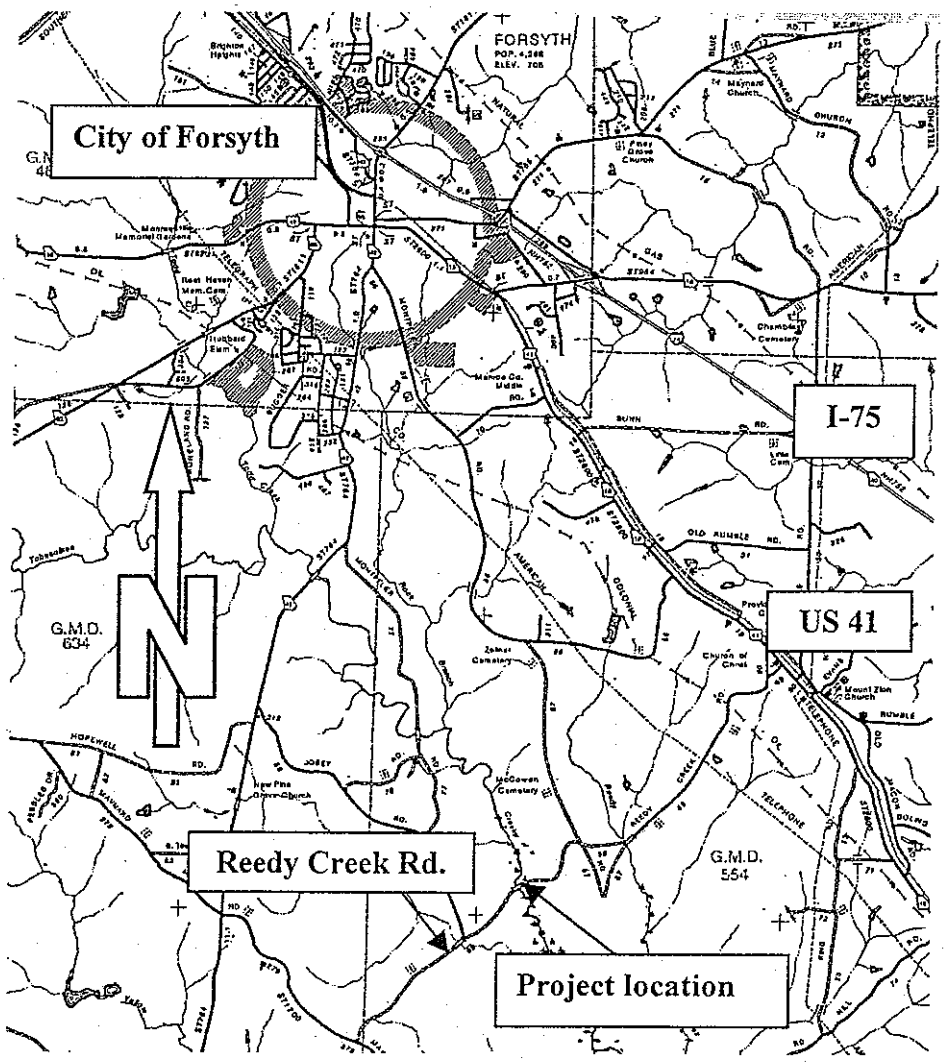
Cc: David Mulling
Debra Benton
Harvey Keepler
Tommy Cleveland
David Millen
Greg Mayo
Ethel White
Keith Rohling
Phillip Allen
Marta Rosen
Herman Griffin
Paul Liles

RECEIVED
MAR - 5 2002
BRIDGE DESIGN
DEPT. OF TRANSPORTATION

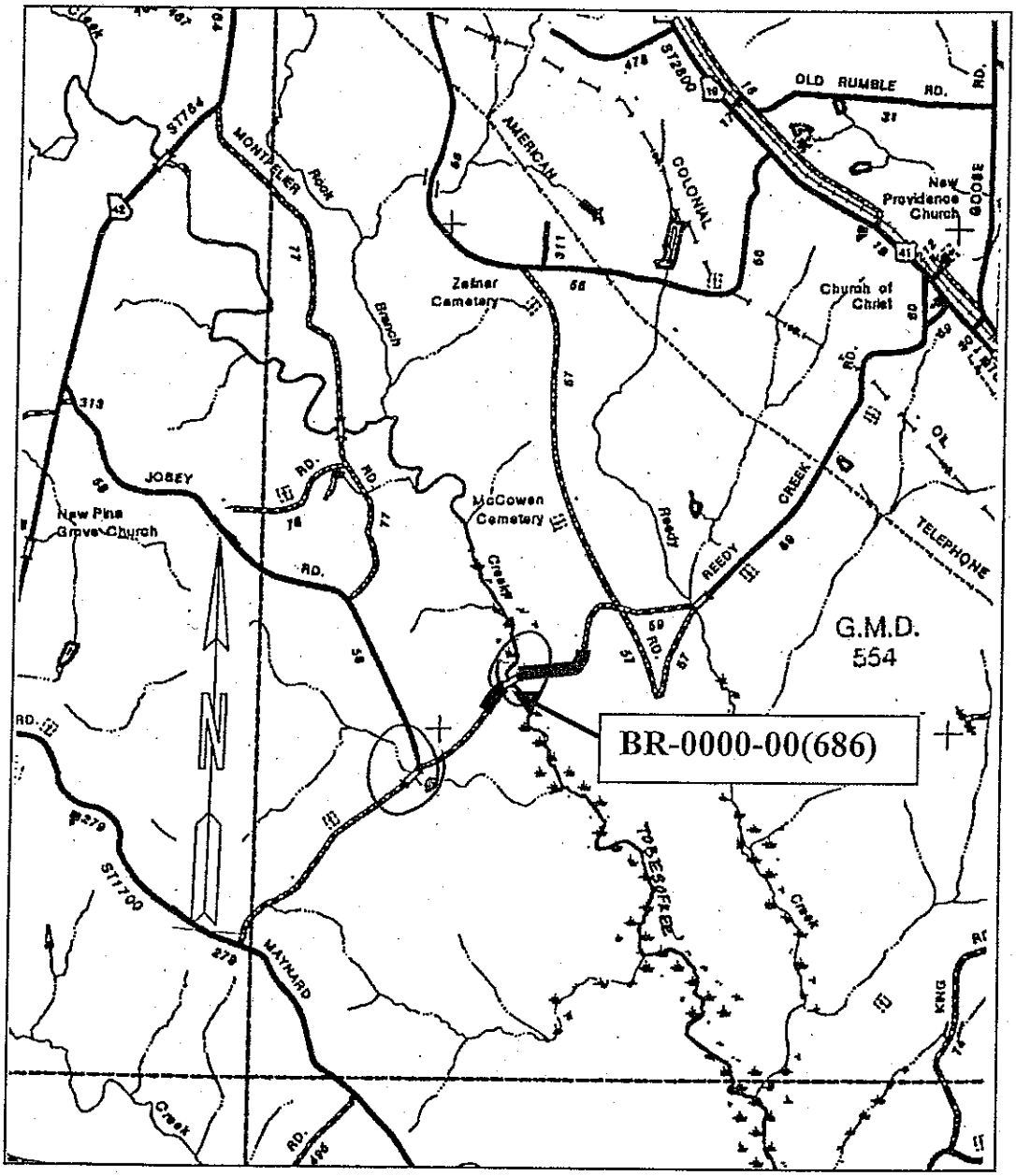
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF DISTRICT THREE DESIGN
PROJECT CONCEPT REPORT

C.R. 59/Reedy Creek Rd. @ Tobesofkee Creek South of Forsyth
Project Number: BR 0000-00(686)
County: Monroe
P. I. Number: 0000686

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



Project Location Map



Scale: Not to scale

Project: BR-0000-00(686) Monroe County, PI No.: 0000686
Description: C.R. 59/Reedy Creek Rd. @ Tobesofkee Creek South of Forsyth

Need and Purpose: Bridge project BR-0000-00(686) will replace the structurally deficient bridge located on Reedy Creek Road/CR 59 over an unnamed tributary to Tobesofkee Creek. Reedy Creek Road is currently a two-lane dirt road approximately 18 feet wide with some crushed stone paving. The existing bridge structure is a single lane bridge. The bridge's sufficiency rating is 46. 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.

Reedy Creek Road/CR 59 is functionally classified as a rural minor collector roadway and is not a designated school bus route. Presently there is no posted speed limit along this section of Reedy Creek Road/CR 59. Development along Reedy Creek Road is continuing with primarily residential housing. Monroe County is currently in the process of developing plans to pave the remaining portion of Reedy Creek Road. The bridge is located five miles south of Forsyth and was constructed in 1970. The Average Daily Traffic (ADT) along this section of roadway is 150 in 2006. The projected (2026) ADT for this section of roadway is 350 with 2 percent trucks.

There is another bridge project located within the immediate project area. There are no other projects located in this area in the Department's long-range Construction Work Program. The proposed project is in an area where there is a limited amount of pedestrian traffic therefore no sidewalk will be included in the project design. Also, Reedy Creek Road/CR 59 is not included in the Georgia Bicycle Statewide Network.

The desired width for bridges on rural two-lane sections with design year traffic volumes under 1,000 ADT is 28 feet. The desired width is based on Georgia MOG #4265-9 that is in accordance with the AASHTO policy regarding geometric design. Replacing this bridge will bring it up to current AASHTO geometric design standards and in doing so will improve the operation and safety of this roadway. The replacement bridge would be designed for future widening should it become necessary.

Description of the proposed project: The approximate project length is 0.625 miles. The project is located in Monroe County, south of the city of Forsyth, on Reedy Creek Road over Tobesofkee Creek.

The proposed project calls for the replacement of the existing bridge over Tobesofkee Creek and raising the grade and paving Reedy Creek Road. The existing bridge is a single lane wood deck bridge. The proposed bridge is a 2-lane concrete bridge.

The existing road is an approximately 18 foot wide dirt road with some crushed stone paving. The proposed road will raise the grade of the existing road and pave both approaches to the bridge with asphaltic concrete paving. The proposed roadway width is 22 feet with 6 foot wide grassed shoulders. The proposed horizontal and vertical geometries will be designed to meet a 45 MPH speed design.

The east and west ends of the project will tie into the existing dirt road. Monroe County is currently developing plans to pave the existing road outside the project limits. Therefore, this project on Reedy Creek Road may tie into a paved road depending on Monroe County's schedule for paving.

The west tie point is approximately 0.27 miles from another bridge replacement project, BR-0000-

00(685), Monroe Co., PI 0000685, C.R. 59/Reedy Creek Rd @ Tobesofkee Creek tributary. The gap between the projects is proposed to be paved by Monroe County.

The proposed revisions to the geometry of the roadway and a new bridge structure will increase the level of service of the road, eliminate the roadway flooding problem, and provide a safer driving environment on the paved road.

Is the project located in a Non-attainment area? _____Yes ___X_No.

PDP Classification: Minor

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

Functional Classification: Rural Minor Collector

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

Traffic (AADT):

Current Year: (2006) 200 Design Year: (2026) 350
K = 9 %
D = 60 %
T = 5 %
24 hr T = 7%
SU = 3.5%
Comb = 3.5%

Existing design features:

- Typical Section: Two lane dirt / gravel road (18 ft wide).
- Posted speed: Not posted Maximum degree of curvature: 12°
- Maximum grade: 8 %
- Width of right of way: None
- Major structures: 35 ft x 14ft single lane bridge over Tobesofkee Creek, with concrete abutments, steel beams and wooden deck.
- Major interchanges or intersections along the project: N/A
- Existing length of roadway segment: 0.625 miles

Proposed Design Features:

- Proposed typical section(s): Two 11 ft lanes, with 6 ft rural type grass shoulder.
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 6.16 % Maximum grade allowable 7.5 %.
- Proposed Maximum grade Side Street: N/A Maximum grade allowable N/A
- Proposed Maximum grade driveway: N/A

- Proposed Max. Degree of curve Mainline: 7° Maximum degree allowable 9° 45'
- Right of way
  - Total width 120-250 ft
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other (X).
  - Number of parcels: 7 Number of displacements: 0
- Structures:
  - Bridges: Concrete bridge, 220 ft x 24 ft, 7 bents
  - Retaining walls – None anticipated
- Major intersections and interchanges: N/A
- Traffic control during construction: Part of the roadway under construction will be open only to local traffic. Thru traffic will be detoured on local streets.
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
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 expected
- Environmental concerns: To be determined by GDOT for Tobesofkee Creek. Do not anticipate any UST, hazardous waste, or historical impact.

- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements: Power (Lamar E.M.C.), Telephone (Bell South)

Project responsibilities:

- Design - GDOT
- Right of Way Acquisition – Monroe Co.
- Relocation of Utilities – Utility Owners / Monroe Co.
- Letting to contract - GDOT
- Supervision of construction - GDOT
- Providing material pits – Monroe Co.
- Providing detours - Monroe Co.

Coordination

- Initial Concept Meeting date and brief summary. – 11/26/01
- Concept meeting date and brief summary - 01/10/02

- P. A. R. meetings, dates and results - None
- FEMA, USCG, and/or TVA - None
- Public involvement. None required.
- Local government comments - LGPA has been signed between GDOT and Monroe Co. on May 10, 2000. Based on that, Monroe Co. is responsible for R/W purchasing, utility relocation, providing detours and covering 10% of project construction cost.

- Other projects in the area
  1) BR-0000-00(685). Monroe Co., P.I. No. 0000685, CR59/Reedy Creek Rd @ Tobesofkee Creek Tributary.
  2) Monroe County contract project to pave Reedy Creek Road (parts of the road not covered by projects PI No. 0000686 and 0000685).
- Other coordination to date – None.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 1 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 3 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None

Other alternates considered: No build - This does not meet the need for improvements of Reedy Creek Road.

Comments: None

Attachments:

1. Cost Estimates:
   a. Construction including E&C,
   b. Utilities.
2. Sketch location map,
3. Typical section,
4. Minutes of Initial Concept and Concept meetings,
5. LGPA
6. Bridge inventory sheet
7. Notice of Location and Design approval
8. Concept rating form.

Project Number: BR-0000-00(686)
P. I. Number: 0000686
County: Monroe

PRELIMINARY COST ESTIMATE

PREPARED BY: J. Domiter, Arcadis PROJECT LENGTH: 0.625 miles

ESTIMATED LETTING DATE:

☐PROGRAMMING PROCESS ☒CONCEPT DEVELOPMENT ☐DURING PROJECT DEV.

PROJECT COST		
A. RIGHT-TO-WAY (cost covered under LPGA)		
1. PROPERTY (LAND & EASEMENT)		
2. DISPLACEMENTS: RES: 0, BUS: 0, M.H.: 0		
3. OTHER COST (ADM./COST, INFLATION)		
PAID FOR BY MONROE COUNTY	SUBTOTAL: A	LGPA
B. UTILITIES		
1. REIMBURSABLE UTILITIES (cost covered under LPGA)		
a. RAILROAD		
b. TRANSMISSION LINES		$ 7,940.00
c. SERVICES		
$7,940 PAID FOR BY MONROE COUNTY	SUBTOTAL: B-1	LGPA
2. NON-REIMBURSABLE UTILITIES		
a. WATER & SEWER		
b. TELECOMMUNICATION – BELL SOUTH		$ 5,000.00
(COST TO BE COVERED BY THE UTILITY OWNER)	SUBTOTAL: B-2	$ 5,000.00
C. CONSTRUCTION:		
1. MAJOR STRUCTURES		
a. BRIDGE OVER TOBESOFKEE CREEK (220' x 28') @ $75/SF		$ 462,000.00
b. OTHER		$ 0.00
	SUBTOTAL: C-1	$ 462,000.00
2. GRADING AND DRAINAGE:		
a. EARTHWORK (65,000 cy @ $4.00/cy)		$ 260,000.00
b. DRAINAGE:		
1) Cross Drain Pipe		$ 20,000.00

PROJECT COST		
2) Curb and Gutter	$	0.00
3) Longitudinal System (include catch basins)	$	0.00
SUBTOTAL: C-2	$	280,000.00
3. BASE AND PAVING:		
a. AGGREGATE BASE (3,900 Tons @ $23.00/ Ton) SUBTOTAL: C-3.a	$	89,700.00
b. ASPHALT PAVING:		
Surface (600 Ton @ $42.00/ Ton)	$	25,200.00
Binder (900 Ton @ $40.00/ Ton)	$	36,000.00
SUBTOTAL: C-3.b	$	61.200.00
c. CONCRETE PAVING	$	0.00
d. OTHER (Bituminous Tack coat: 500 Gal @ $1.00/ Gal)	$	500.00
SUBTOTAL: C-3	$	151,400.00
4. LUMP ITEMS:		
a. GRASSING (11 ac @ $2,000/ ac)	$	22,000.00
b. CLEARING AND GRUBBING (14 ac @ $4,000/ ac)	$	56,000.00
c. LANDSCAPING	$	0.00
d. EROSION CONTROL (LUMP)	$	40,000.00
e. TRAFFIC CONTROL	$	10,000.00
SUBTOTAL: C-4	$	128,000.00
5. MISCELLANEOUS:		
a. LIGHTING ( )	$	0.00
b. SIGNING - MARKING	$	4,000.00
c. SIGNAL INSTALLATIONS	$	0.00
d. GUARDRAIL – (2,300 ft @ $12.50/ ft)	$	28,750.00
e. OTHER	$	0.00
SUBTOTAL: C-5	$	32,750.00
6. SPECIAL FEATURES: SUBTOTAL: C-6	$	0.00

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	LGPA
B. UTILITIES	
1. REIMBURSABLE UTILITIES	LGPA
2. NON-REIMBURSABLE UTILITIES ($ 5,000)	Local utility owner
C. CONSTRUCTION	
1. MAJOR STRUCTURES	$ 462,000
2. GRADING AND DRAINAGE	$ 280,000
3. BASE AND PAVING	$ 151,400
4. LUMP ITEMS	$ 128,000
5. MISCELLANEOUS	$32,750
6. SPECIAL FEATURES	$ 0
SUBTOTAL CONSTRUCTION COST	$ 1,054,150
E. & C. (10%)	$ 105,415
INFLATION (5% PER YEAR) – 2 YEARS	$ 108,051
TOTAL CONSTRUCTION COST	$ 1,267,616
GRAND TOTAL PROJECT COST	**$ 1,267,616**

This project is 100 percent in congressional district 8.

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: BR-0000-00(686) Monroe County, P.I. #0000686
Bridge Replacement Reedy Creek Rd @ Tobesofkee Creek

DATE: February 7, 2002

FROM: Glenn W. Durrence, District Engineer

OFFICE: Thomaston

TO: David Millen, District Preconstruction Engineer
attn: Bill Rountree

SUBJECT: UTILITY COST ESTIMATE - *REVISED*

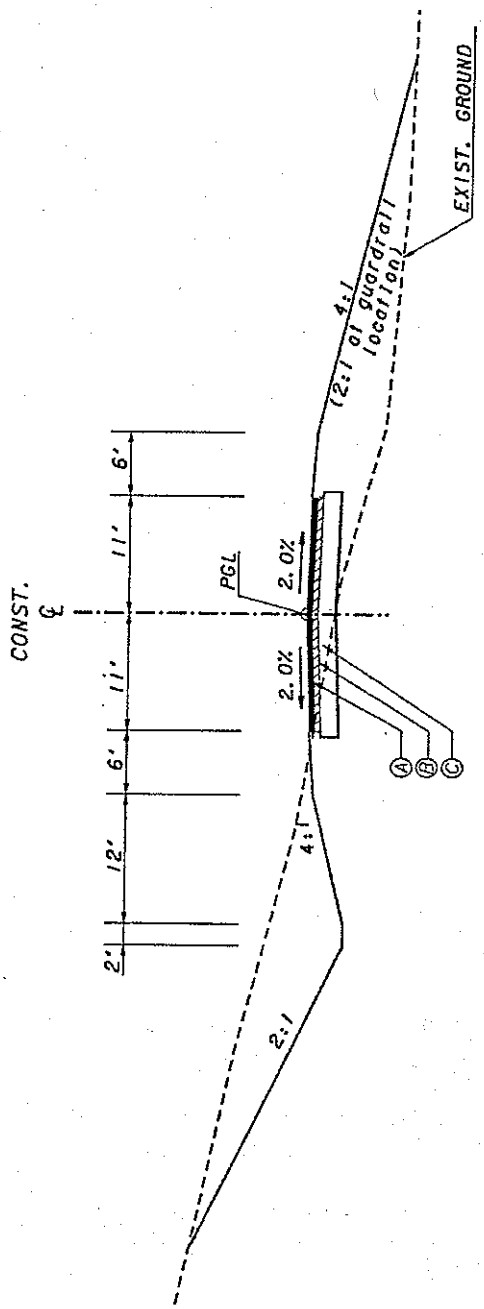
The following is a ballpark utility cost estimate for facilities located within the scope of the above referenced project:

UTILITY OWNER	PRIVATE OR PUBLIC	TYPE OF UTILITY	REIMBURSABLE COSTS	NON-REIMBURSABLE COSTS
Lamar EMC	Private	Electric	7,939.26	0
BellSouth	Private	Tele Comm	0	5,000.00
TOTAL			$7,939.26	$5,000.00

If you have any questions, please call Glenn A . Williams at 706-646-6549.

KG:GAW:pls

cc: Jeff Baker, P.E., State Utilities Engineer *(Via: e-mail to Scott Greene)*
Herman Griffin, P.E., State Programming Engineer



TYPICAL SECTION
REEDY CREEK ROAD

REQUIRED PAVEMENT

Ⓐ 137 LB/SY ASPHALTIC CONCRETE, 9.5mm SUPERPAVE
Ⓑ 220 LB/SY ASPHALTIC CONCRETE, 19mm SUPERPAVE
Ⓒ 8" GRADED AGGREGATE BASE

STATE	PROJECT NUMBER	PROJECT NO.	TOTAL SHEETS
GA.	BR-0000-001(686)		

DATE	REVISIONS	DATE	REVISIONS

ARCADIS G&M

GEORGIA
DEPARTMENT OF TRANSPORTATION
TYPICAL SECTION
PROJECT BR-0000-001(686)
COUNTY MONROE

MEETING REPORT

ARCADIS G&M, Inc.
2849 Paces Ferry Road
Suite 400
Atlanta
Georgia 30339
Tel 770 431 8666
Fax 770 435 2666

TRANSPORTATION

Participants:
Jim Ham, Monroe Co.
Sid Banks, Monroe Co.
Bill Rountree, GDOT
Chuck Coogler, GDOT
Tommy Cleveland, GDOT
Rickey Wall, GDOT
Glenn A. Williams, GDOT
Brink Stokes, GDOT
Geraldine Trice, GDOT
Brad Thompson, GDOT
J.D. Stallings, GDOT
J. Howard Bach, Moreland Altobelli
Cooter Waller, Moreland Altobelli
Alex Wiley, ARCADIS G&M
Jan Domiter, ARCADIS G&M

Copies:
Participants

Place/date of meeting:
Reedy Creek Road at Tobesofkee Creek Bridge, Monroe County, Georgia
November 26, 2001

Minutes by:
Jan Domiter

Subject:
Project Kickoff Meeting
BR-0000-00(685) and (686)
Monroe County
P.I. Nos. 0000685 and 0000686

ARCADIS G&M Project No.:
GA63020.0205 and
GA63020.0206

This document should be reviewed by all recipients. Any additions, revisions, or deletions should be called to the attention of the writer within ten (10) days.

General Comments for Both Projects

1. The existing road is a two-lane dirt road with some crushed stone paving. There are numerous corrugations and rutting of the existing roadway.

2. The two bridges are single-span bridges with concrete abutments on each end. The bridges have steel beams with wood decking. Each is a single-lane bridge.

3. The existing vertical geometry of the road appears to have relatively short vertical curves with limited sight distance. Woods line both sides of the project with a few residences and no apparent businesses.

4. It was noted that Monroe County has contracted the services of Moreland Altobelli to provide plans for paving Reedy Creek Road. Their proposed work will tie into the bridge replacement projects. GDOT is to provide them with a point to begin or end their project(s) on Reedy Creek Road.

5. It was noted that Monroe County will be acquiring the right-of-way for this project.

6. Mr. Rountree stated that GDOT would be preparing the right-of-way and construction plans for both projects. ARCADIS G&M (ARCADIS) is only doing the concept work for the projects.

7. Mr. Ham stated that anything the Department could do to expedite the project would be greatly appreciated. He said that he would like to see the paving and bridge replacement projects begin as soon as possible.

8. Mr. Rountree stated that a concept team meeting would be held in a few weeks to review the proposed concepts for both projects and solicit comments. He said that in addition to GDOT personnel, Monroe County would be invited to the meeting.

Project BR-0000-00(685), Reedy Creek Road over Tobesofkee Creek

1. Mr. Banks noted that Tobesofkee Creek has flooded in the area of Reedy Creek Road and overtopped the roadway. He stated that the creek would spread well beyond the width of the normal stream channel.

2. GDOT provided ARCADIS with a set of proposed roadway plans for this section of Reedy Creek Road. The plans were prepared by GDOT in the late 1980s and were ready for construction of the bridge replacement project. In reviewing those plans it was decided that the proposed horizontal and vertical alignment looked acceptable. However, ARCADIS is to verify that the plan's horizontal and vertical geometries meet the speed design required. ARCADIS will evaluate the speed design of the roadway plans and advise GDOT of the results within approximately one week.

3. The original roadway plans were designed based on a speed design of 55 mph. The design met the criteria for a 55 mph roadway at the time they were prepared. They may not meet current design standards for 55 mph. Monroe County stated that they thought that 45 mph would be an acceptable speed design for the corridor. Mr. Rountree requested that Monroe County provide a letter to GDOT stating that 45 mph should be used for the design of the project.

4. It was agreed that if the review of the original plans indicates that the speed design is acceptable, Moreland Altobelli can use the end point of the original project plans for a tie point to begin their proposed paving plans. Mr. Cleveland stated that he could provide them with the coordinates of the tie point. Moreland Altobelli is to coordinate this with GDOT.

5. The proposed typical section of the new roadway will consist of two 11-foot-wide lanes and 6-foot grassed shoulders.

6. GDOT will provide a copy of the original proposed roadway plans to Monroe County/Moreland Altobelli.

7. The utility conflicts should be minimal for this project. Lamar E.M.C. and Bell South are the only known utilities in the corridor. Both of these are aerial.

8. This project is currently scheduled for construction to begin in state fiscal year 2004.

Project BR-0000-00(686), Reedy Creek Road Over an Unnamed Tributary to Tobesofkee Creek

1. GDOT delivered to ARCADIS copies of the survey field books for this project.

2. This project will have the same typical section as the previous one. The section will consist of two 11-foot-wide lanes and 6-foot grassed shoulders.

3. The utility conflicts should be minimal for this project. Lamar E.M.C. and Bell South are the only known utilities in the corridor. Both of these are aerial.

4. The existing alignment has a slight jog in it from the east approach to the bridge. It was suggested that this alignment be straightened and allow for only one horizontal curve. This was sketched on a plan sheet. This would keep a tangent at the bridge crossing. It would impact one property owner by taking their barn and would require a substantial amount of excavation from the south side of the road on the east side of the bridge. ARCADIS will review this alignment.

5. It was recommended that Josey Road be realigned to come into Reedy Creek Road at more of a 90-degree intersection.

6. It was noted that the grade on the west side of the creek seems to be steep. ARCADIS is to verify that the slope does not exceed design standards.

MEETING REPORT

Participants:
Bill Rountree, GDOT
Chuck Coogler, GDOT
Rickey Wall, GDOT
John Moretto, GDOT
Renee Arnold, GDOT
Windy Bickers, GDOT
Debra Benton, GDOT
Lesa Walker, GDOT
Glenn A. Williams, GDOT
Tommy Cleveland, GDOT
Brink Stokes, GDOT
Lamar M. Pruitt, GDOT
Geraldine Trice, GDOT
Brad Thompson, GDOT
J.D. Stallings, GDOT
Todd Repass, GDOT
Jim Hoskins, GDOT
Sid Banks, Monroe Co.
Jeff Turner, Monroe Co. Board of Education
Mell Redd, BellSouth
Cooter Waller, Moreland Altobelli
Bruce McBee, Moreland Altobelli
Alex Wiley, ARCADIS
Jess Billmeyer, ARCADIS
Touré Moody, ARCADIS
Jan Domiter, ARCADIS

Copies:
Participants

Place/date of meeting:
GDOT Signal Shop Building,
Thomaston, Georgia
January 10, 2002

Minutes by:
Jan Domiter

Subject:
Concept Team Meeting
BR-0000-00(685) and (686)
Monroe County
P.I. Nos. 0000685 and 0000686

ARCADIS G&M Project Nos.:
GA63020.0205 and
GA63020.0206

Project Introduction and General Comments

Bill Rountree of the Georgia Department of Transportation (GDOT) started the meeting with an introduction and purpose for the meeting. He also asked the participants to introduce themselves and identify the organization they were representing.

Jan Domiter of ARCADIS then briefly described the two projects. He described the existing conditions, proposed design features, typical section, maintenance of traffic, construction cost and other design and construction related issues that the designers encountered during the concept preparation phase.

Project No. BR-0000-00(686)

1. The concept was based on construction plans completed in December 1986. ARCADIS verified that the horizontal and vertical alignment met a 45 mph design speed. The proposed typical section consists of two 11-foot lanes and 6-foot grassed shoulders. The vertical alignment and the proposed bridge elevation were set based on the flood level of Tobesofkee Creek. This raised the roadway up to approximately 20 feet above the existing terrain at the creek

crossing. The proposed bridge is 220 feet long and 24 feet wide. This will replace the existing one-lane wood deck bridge. ARCADIS stated that because of the extensive earthwork associated with this project, the roadway would be closed to through traffic during construction. Local residents would be provided access to their properties.

2. Monroe County stated that it has a great interest in the completion of this project and has asked GDOT to get the project under construction as soon as possible. Purchasing the right-of-way by Monroe County could be the limiting factor in this process. The county's contract for paving Reedy Creek Road is underway and ties to this project. The county has received the tie-in points between its project and this one.

Project No. BR-0000-00(685)

9. ARCADIS presented the proposed layout of the roadway improvements for Reedy Creek Road and the two intersecting side roads, Josey Road and Chambless Road. The objective of the project is to replace the existing bridge and improve the alignment of Reedy Creek Road at the Tobesofkee Creek tributary crossing. It is also to tie in the existing side roads at a near 90 degree intersection. The typical section and speed design were the same as project BR-0000-00(686). Prior to this meeting the proposed layout was sent to GDOT for review. Mr. Rountree presented a slightly modified alignment at the meeting. ARCADIS was given a copy of the revised layout at the meeting with instructions to review the alignment and incorporate it into the final concept.

10. ARCADIS stated that the existing 9 percent slope of Reedy Creek Road on the west side of the project exceeds the AASHTO maximum slope of 7.5 percent for this road type and speed design. The slope difference greatly affects the vertical design of this project and the roadway past the project. Outside the project limits, the proposed road design is the responsibility of Monroe County and its paving contract. The county will have to coordinate the grade and tie-in point with GDOT. They may request a design exception for the grade.

11. ARCADIS noted that the proposed profile elevation of the road as currently designed is about 20 feet above the existing road at the creek crossing and at the Chambless Road intersection. This not only increases the project limits but it also affects the construction staging. A temporary road/driveway will need to be provided for residents on Chambless Road during construction. The proposed right-of-way will need to account for this driveway. Since the proposed roadway crosses the creek at the location of the existing bridge, it will not be possible to keep the bridge open during construction of the bridge and the high fill. Traffic will need to be detoured. Local residents will still be provided access to their properties during construction. This will be coordinated during the preparation of the staging plans for the project.

12. ARCADIS stated that based on the preliminary storm drainage calculations, the bridge could be replaced with a double 10-foot by 8-foot concrete box culvert. The exact size of the culvert will need to be determined during the design of the construction plans.

Comments on the Concept Report

1. After the presentation and discussion of the concept layout by Mr. Domiter, Mr. Rountree took over the meeting and went through the concept reports page by page. Both project reports were reviewed at the same time because they were very similar and were almost next to each other.

2. Cover sheet – The P.I. Number needs to be changed to show four zeros instead of 3 (i.e., 0000686 and 0000685).

3. Page 2

   a. Remove the word "Improvement" from Regional Transportation Improvement Program and change the abbreviation to say RTP.

   b. Add *State Bridge and Structural Design Engineer* to the signature list.

4. Page 4 – Need and purpose statement – Lesa Walker of the GDOT planning office stated that she would provide more information to be included in the need and purpose statements on these two projects within a week. Ms. Walker indicated that the bridge sufficiency ratings for the two existing bridges would need to be included in the report.

5. Page 5

a. Traffic information – The current traffic for the report should be year 2006 instead of 2001.

b. Existing features – The typical section should read as follow: *Two-lane dirt/gravel road (by feet wide)*. The crushed stone paving should be omitted.

c. The posted speed should be revised from N/A mph to *not posted*.

d. On project no. BR-0000-00(686) the existing right-of-way along the existing road is only dedicated and is not deeded. Therefore, the width shown for the existing right-of-way should be changed to *None*.

e. Change N/A at the maximum driveway slope to *Undetermined*.

f. Proposed design features – Distinguish between design of mainline and side roads for the maximum degree of curvature. Also include the design speed if it is different than the mainline.

g. Right-of-way should say *Total width*, instead of *Width*. It includes the existing right-of-way and the proposed right-of-way to be acquired.

6. Page 6

a. Design exceptions – As discussed previously, existing slope of Reedy Creek Road at the beginning of project BR-0000-00(685) does not meet the design criteria. Monroe County may submit letter asking for a design exception. Therefore, vertical grades should be checked as *Undetermined*.

b. Project Responsibilities – Based on the information about signed LPGA between GDOT and Monroe County (see "c" below) the following will apply:

i) Utilities will be the responsibility of both utility companies and Monroe County.

ii) Providing material pits and detours is also the responsibility of Monroe County.

c. Coordination – Local government comments – LGPA was signed between GDOT and Monroe County on May 10, 2000. Monroe County is responsible for the purchasing of right-of-way, utility relocations, providing detours, and covering 10 percent of the project construction cost.

d. GDOT and Monroe County would prefer to let the two projects together, in order to possibly reduce construction cost. Currently, the projects are scheduled for construction in fiscal year 2004. However, they can also be constructed separately, in which case Monroe County would prefer that project BR-0000-00(686), Reedy Creek Road over Tobesofkee Creek, be constructed as the earlier of the two.

7. Page 7 – Scheduling

a. Change the time to complete the right-of-way plans from 3 months to 1 month.

b. ARCADIS will revise the list of attachments in the concept report.

c. Other projects in the area – add *Monroe County Contract Project to pave Reedy Creek Road* to replace Monroe County project in the original description.

d. Signature for Approval, Exempt projects, will be removed from the report.

8. Page 8

a. Preliminary cost estimate –Substitute the price for right-of-way and utilities to be paid in accordance with the signed LGPA.

b. Add $20,000 to the cost estimate for cross-drain pipes on project BR-0000-00(686).

c. Correct rounding of quantities should be used throughout the cost estimate.

9. Page 11 – Typical section – Add the description *at guardrail location* to 2:1 slope.

Comments from Meeting Participants

After the review of the concept report, Mr. Rountree asked all participants to provide their comments on the two projects. The following are the only comments noted:

7. Glenn Williams from the GDOT utilities office stated that from a construction standpoint there would be minimal conflict with utilities on both projects.

8. Monroe County wants to add a 12-inch waterline to the bridge over Tobesofkee Creek, project BR-0000-00(686), so they asked GDOT to take this into consideration when designing the bridge. The county will send an official letter to GDOT regarding this issue.

9. Monroe Co. representatives were given copies of each project drawing for their use and record.

There were no more comments. Mr. Rountree adjourned the meeting.

Project Concept Report page 19
Project Number: BR-0000-00(686)
P. I. Number: 0000686
County: Monroe

GENERAL FILES

Department of Transportation

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

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

April 11, 2000

MAY 15 2000

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, MONROE County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0000-00(686) MONROE CO., PI # 0000686:

BRIDGES
CR 59/REEDY CREEK ROAD @ TOBESOFKEE CREEK 5 MI S OF FORSYTH

[x] 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.

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

[x] 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.

[x] OTHER: Monroe County to pay 10% towards construction cost.

This 10th *day of* May, 2000

APPROVED _____

City/County Official

Let's Keep Georgia Peachy Clean

```
---- 1: LOCATION AND GEOMETRIC DATA                          26-FEB-2002
BRIDGE IN MONROE COUNTY                  | SERIAL NUMBER      : 5010-0
---------- FACILITY CARRIED ----------   | YEAR CONSTRUCTED   : 1970
     REEDY CREEK ROAD                    | YEAR RECONSTRUCTED: None
-------------- LOCATION --------------   | DATE INSEPCTED     : December 2000
     5 MI S OF FORSYTH                   | DESIGN LOAD        : Other or Unknown
-------- FEATURES INTERSECTED --------  | NATIONAL TRUCK RTE: OFF NETWORK
     TOBESOFKEE CREEK                    | SCHOOL BUS ROUTE   : NO
TYPE SERVICE ON    : Highway
TYPE SERVICE UNDER: Waterway.
STRUCTURE    : Steel Stringer Multi-beam; Girder
SURFACE      : Timber.
DECK         : Timber
MAIN SUPPORT: Steel
SUBSTRUCTURE: Concrete
FOUNDATION   : Concrete wall.
---- 2: SIGNS AND ATTACHMENT DATA
GUARDRAIL REAR         : None.
GUARDRAIL FORWARD      : None.
GUARDRAIL REAR OPP DIR: None.
GUARDRAIL FOR. OPP DIR: None.
---- 3: PROGRAMMING DATA
CONTARCT DATE      : 02/01/04
RANKING NUMBER     : 0 Priority rating
TOTAL PROJECT COST: $562,000 (1990 IMPROVEMENT COST ESTIMATE)
LAST PROJECT #     : UNKNOWN
PROPOSED PROJECT #: BR-0000-00 (686)
PROPOSED WORK      : Replace; substandard load capacity or geometry.
RECONSTRCT. STATUS: Not eligible for Federal Bridge Replacement Funds.
---- 4: HYDRAULIC DATA
SCOUR CRITICAL: Scour calculations not yet made
---- 5: MEASURMENT DATA
NUMBER OF LANES ON:  1  UNDER:  0
STRUCTURE LENGTH   : 36 FT        BRIDGE ROADWAY WIDTH: 12.8 FT
CLEARANCE (FT-IN)  : OVER: 99-99  UNDER: 00-00  HORIZONTAL: 12.8 FT
SIDEWALK OR CURB   : 0.5 FT (LT) 0.0 FT (RT)
BRIDGE RAILING     : Safety feature required; none provided.
APPROACH GUARDRAIL: Safety feature required; none provided.
---- 6: RATING DATA
INVENTORY    : Indefinite safe use HS loading of 16 tons.
OPERATING    : 20 to 29.9% below legal load limit.
SUFFICIENCY  : 46.0
STRUCTURE    : Minimum tolerable limits to be left in place as is.
DECK         : FAIR, sound primary elements, possible minor defects.
MAIN SUPPORT: SATISFACTORY, structural elements show minor deterioration.
SUBSTRUCTURE: GOOD, some minor problems.
SCOUR        : SLIGHT - structural member function not yet affected.
CHANNEL PROT: Banks slump, widespread minor damage.
---- 7: POSTING DATA
STRUCTURE POSTED : Open; posting recomended but not implemented.
TEMPORARY POSTING: No temporary conditions exist.
ACTUAL POSTINGS  : [H: 05  TONS] [TRI: NP  TONS] [3S2: NP  TONS]
```

NOTICE OF LOCATION AND DESIGN APPROVAL

BR-0000-00(686), Monroe County
P. I. NUMBER 0000686

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 this project.

The date of location approval is _____.

Project BR 0000-00(686) is the replacement of an existing bridge on Reedy Creek Road, C.R. 59, over Tobesofkee Creek. The project is located south of the city of Forsyth in Monroe County. The project is approximately 0.6 miles long.

The proposed project calls for the replacement of the existing single lane wood deck bridge with a reinforced concrete bridge 28 feet in width. The proposed roadway on each approach is a 22 feet wide asphalt roadway with 6 foot grassed shoulders on each side. The proposed roadway and bridge deck will be raised to get the roadway out of the creek flooding. The proposed construction will bring the horizontal and vertical alignments up to a 45 mph speed design.

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:

Brink Stokes, Area Engineer
Brink.Stokes@dot.state.ga.us
4499 Riverside Dr.
Macon, Georgia 31210
(978) 757-2601

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:

William J. Rountree, P.E., District Design Engineer
Department Of Transportation
Thomaston District Office
Bill.Rountree@dot.state.ga.us
715 Andrews Drive
Thomaston, Georgia 30286-4524
(706) 646-6604

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

Project Concept Report page 2
Project Number: BR-0000-00(685)
P. I. Number: 0000685
County: Monroe

Prepared By: ARCADIS

Recommendation for approval:

DATE 2/27/02 — Project Manager – Bill Rountree, P.E.

DATE 2/27/02 — District Engineer

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

DATE_____ — State Transportation Planning Administrator

DATE_____ — Office of Financial Management Administrator

DATE_____ — State Environmental/Location Engineer

DATE_____ — State Traffic Operations Engineer

DATE 3/8/02 — State Bridge and Structural Design Engineer

DATE_____ — Project Review Engineer

Project Concept Report page 2
Project Number: BR-0000-00(685)
P. I. Number: 0000685
County: Monroe

Prepared By: ARCADIS

Recommendation for approval:

DATE 2/27/02 — Project Manager – Bill Rountree, P.E.

DATE 2/27/02 — District Engineer

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

DATE 3/12/02 — State Transportation Planning Administrator

DATE_____ — Office of Financial Management Administrator

DATE_____ — State Environmental/Location Engineer

DATE_____ — State Traffic Operations Engineer

DATE_____ — State Bridge and Structural Design Engineer

DATE_____ — Project Review Engineer

Project Concept Report page 2
Project Number: BR-0000-00(686)
P. I. Number: 0000686
County: Monroe

Prepared By: ARCADIS

Recommendation for approval:

DATE 2/27/02 — Project Manager – Bill Rountree, P.E.

DATE 2/27/02 — District Engineer

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

DATE 3/12/02 — State Transportation Planning Administrator

DATE_____ — Office of Financial Management Administrator

DATE_____ — State Environmental/Location Engineer

DATE_____ — State Traffic Operations Engineer

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Project Concept Report page 2
Project Number: BR-0000-00(686)
P. I. Number: 0000686
County: Monroe

Prepared By: ARCADIS

Recommendation for approval:

DATE 2/27/02 Project Manager – Bill Rountree, P.E.

DATE 2/27/02 District Engineer

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

DATE_____ State Transportation Planning Administrator

DATE 3/7/02 Office of Financial Management Administrator

DATE_____ State Environmental/Location Engineer

DATE_____ State Traffic Operations Engineer

DATE_____ State Bridge and Structural Design Engineer

DATE_____ Project Review Engineer

Project Concept Report page 2
Project Number: BR-0000-00(686)
P. I. Number: 0000686
County: Monroe

Prepared By: ARCADIS

Recommendation for approval:

DATE 2/27/02 — Project Manager – Bill Rountree, P.E.

DATE 2/27/02 — District Engineer

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Project Concept Report page 2
Project Number: BR-0000-00(685)
P. I. Number: 0000685
County: Monroe

Prepared By: ARCADIS

Recommendation for approval:

DATE 2/27/02 — Project Manager – Bill Rountree, P.E.

DATE 2/27/02 — District Engineer

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

DATE_____ — State Transportation Planning Administrator

DATE 3/7/02 — Office of Financial Management Administrator

DATE_____ — State Environmental/Location Engineer

DATE_____ — State Traffic Operations Engineer

DATE_____ — State Bridge and Structural Design Engineer

DATE_____ — Project Review Engineer