ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-2946(2)/STP-0000-00(291) Bartow County **OFFICE** Preconstruction
P. I. Nos. 621415 / 0000291

DATE September 5, 2000

FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT **REVISED PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

Tom Turner
David Mulling
David Studstill (ATTN: Harvey Keepler)
Jerry Hobbs
Herman Griffin
Georgene Geary (ATTN: Michael Henry)
Marion Waters
Marta Rosen
Jimmy Chambers (ATTN: Ted Cashin)
Kent Sager

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-2946(2) & STP-0000-00(291) Bartow County
P.I. NUMBERS 621415 & 0000291

OFFICE Preconstruction
DATE June 12, 2000

FROM DeWayne Comer - District 6 / Preconstruction Engineer

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

SUBJECT Revised Project Concept Report - Old Alabama Road Bypass

Project STP-2946(2) was the original project that extended from C.R. 699 widening about the existing Old Alabama Road then continuing northeast on new location through an existing mining operation bridging over S.R. 293 and CSX Railroad. Then continuing in a northeast direction bridging over U.S. 41 and connecting to the I-75 interchange at Red Top Mountain Road. . Project length for STP-2946(2) is 3.13 miles.

The project PDP Classification is new and existing location with a Functional Classification of Major Rural Arterial. The design speed remains at 55 mph with a maximum degree of curve of 4 degrees 30 minutes and maximum grade of 6 percent. The proposed width of right-of-way will be a minimum of 200 feet. This project will consist of a 4-lane rural roadway with a 44' grassed median, including 12' graded outside shoulders with 8' paved and 6' graded inside shoulders with 2' paved.

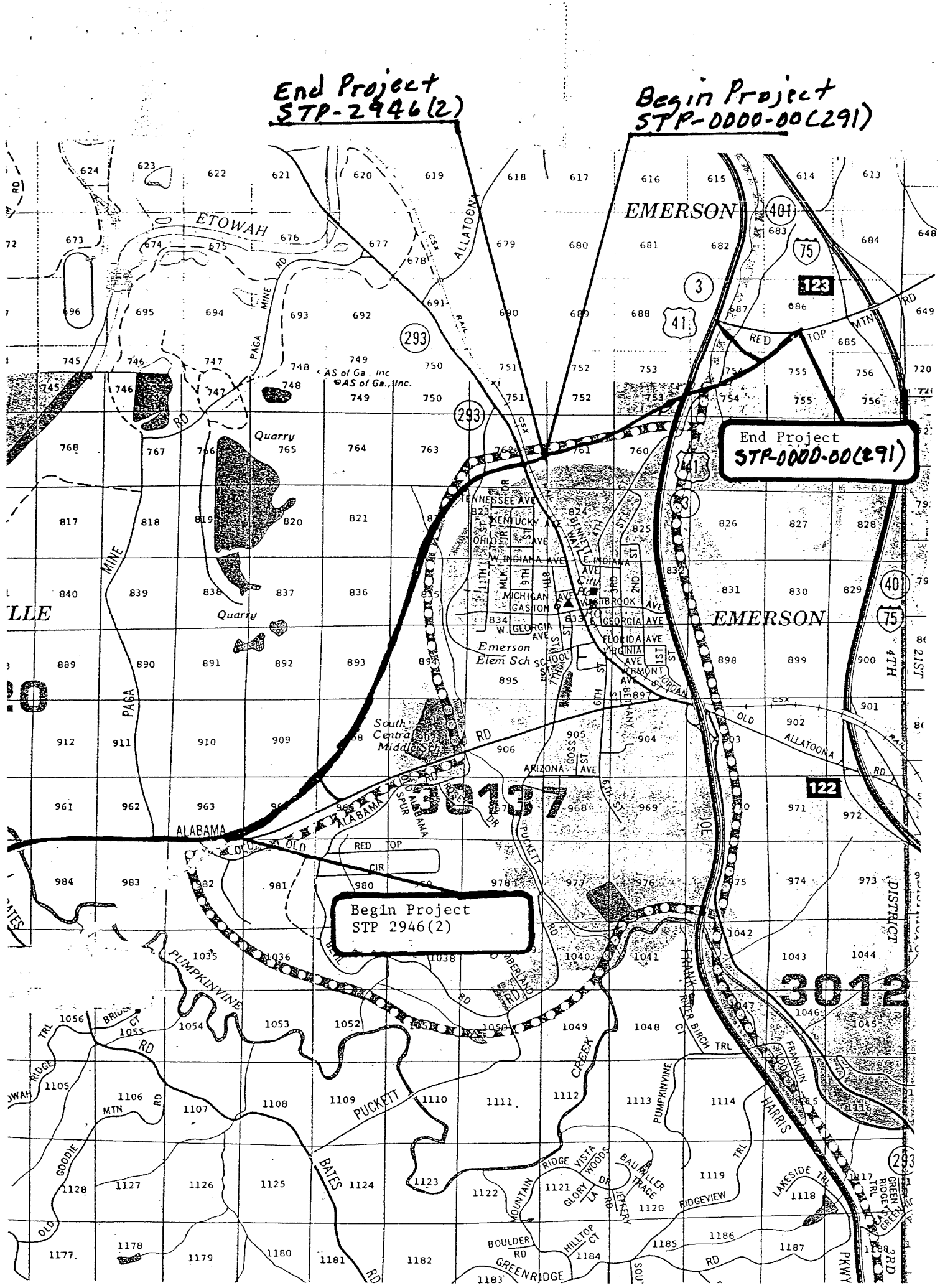
This office requests that project STP-2946(2) be divided into two construction contract phases to match the projects as currently programmed. Phase I - STP-0000-00(291) - Beginning east of CSX Railroad's right-of-way on new location in a northeast direction bridging over U.S. 41 and connecting to the I-75 interchange at Red Top Mountain Road. The existing Red Top Mountain Road will "T" intersect into the proposed Old Alabama Road Bypass. Phase II - STP-2946(2) - Beginning at C.R. 699 widening the Old Alabama Road then northeast on new location bridging over S.R. 293 and CSX Railroad. Project length for STP-2946(2) is 1.97 miles and project length for STP-0000-00(291) is 1.16 miles. STP-2946(1) project limits will remain the same from S.R.113 to C.R. 699.

Estimated Costs:		Proposed	Approved	Prog. Date	Let Date
Constr.(Infl. & E&C) –	STP-2946(2)	$11,936,000	$12,034,000	2003	02-07
	STP-0000-00(291)	$ 7,890,000	$ 7,890,000	2002	02-01
Right-of-Way –	STP-2946(2)	$2,078,000	$ 2,078,000		
	STP-0000-00(291)	$1,322,000	$ 1,322,000		
Utilities –	STP-2946(2)	$ 154,000			
	STP-0000-00(291)	$ 217,800			

It is recommended that the revision to this concept report be approved for implementation.

Concur: _____
Director of Preconstruction

Approve: _____
Chief Engineer


End Project
STP-2946(2)
Begin Project
STP-0000-00(291)
End Project
STP-0000-00(291)
Begin Project
STP 2946(2)
EMERSON
ETOWAH
ALLATOONA
PAGA MINE RD
Quarry
Emerson Elem Sch
South Central Middle Sch
ALABAMA
PUMPKINVINE
PUCKETT
CREEK
BATES
GREENRIDGE
HARRIS
JOE
FRANK
DISTRICT
30137
3012
123
122
293
401
75
41
3

STP-2946(2) - ESTIMATED COST			
CONSTRUCTION:	$ 10,334,190	RIGHT-OF-WAY:	$ 2,078,000
E & C (10) :	$ 1,085,100	ACQUIRED BY :	Georgia D.O.T
INFLATION :	$ 516,710	UTILITIES :	$ 154,000
		ADJUSTED BY :	LGPA
TOTAL CONSTRUCTION COST:		**$ 11,936,000**	

STP-0000-00(291) - ESTIMATED COST			
CONSTRUCTION:	$ 6,831,160	RIGHT-OF-WAY:	$ 1,322,000
E & C (10) :	$ 717,280	ACQUIRED BY :	Georgia D.O.T
INFLATION :	$ 341,560	UTILITIES :	$ 217,800
		ADJUSTED BY :	LGPA
TOTAL CONSTRUCTION COST:		**$ 7,890,000**	

COMMENTS:

ATTACHMENTS: cost estimate

STP-2946(2) - PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-2946(2) COUNTY: BARTOW COUNTY

DATE: June 12, 2000 ESTIMATED LETTING DATE: February 2000

PREPARED BY: Jordan, Jones & Goulding, Inc. PROJECT LENGTH: 1.95 miles

( )PROGRAMMING PROCESS ( )CONCEPT DEVELOPMENT ( )DURING PROJECT DEV.

PROJECT COST STP-2946(2)	
A. RIGHT-TO-WAY:	
1. PROPERTY (LAND & EASEMENT)	$ 1,908,000
2. DISPLACEMENTS; RES:6, BUS;0, M.H.:0	$ 170,000
3. OTHER COST (ADM./COST, INFLATION)	$
SUBTOTAL:A	$ 2,078,000
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	$ 25,000
2. TRANSMISSION LINES	$ 32,000
3. SERVICES	$ 97,000
SUBTOTAL:B	$ 154,000
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	$
a. OVERPASSES - S.R. 293 - Bridge over CSX Railroad	$ 3,676,000
b. OTHER - 2 Box Culverts	$ 400,000
SUBTOTAL:C-1	$ 4,076,000
2. GRADING AND DRAINAGE:	
a. EARTHWORK	$ 3,311,000
b. DRAINAGE:	$ 289,000
1) Cross Drain Pipe	$ 156,500
2) Curb and Gutter	$

PROJECT COST STP-2946(2)		
3) Longitudinal System(include catch basins)		$
SUBTOTAL:C-2		$ 3,756,500
3. BASE AND PAVING:		
a. AGGREGATE BASE		$ 633,000
b. ASPHALT PAVING: Surface	$ 265,500	
Binder	$ 345,000	
Base	$ 435,000	
SUBTOTAL:C-3.b		$ 1,045,500
c. CONCRETE PAVING		$ 12,000
d. OTHER		$
SUBTOTAL:C-3		$ 1,690,500
4. LUMP ITEMS:		
a. GRASSING		$ 60,000
b. CLEARING AND GRUBBING		$ 277,000
c. LANDSCAPING		$ 62,190
d. EROSION CONTROL		$ 135,500
e. TRAFFIC CONTROL		$ 90,500
SUBTOTAL:C-4		$ 625,190
5. MISCELLANEOUS:		
a. LIGHTING		$
b. SIGNING - MARKING		$ 66,000
c. GUARDRAIL – MODIFY END OF BRIDGE AND HANDRAIL		$ 120,000
d. SIDEWALK		$
SUBTOTAL:C-5		$ 186,000
6. SPECIAL FEATURES SUBTOTAL:C-6		$

ESTIMATE SUMMARY STP-2946(2)		
A. RIGHT-OF-WAY	$ 2,078,000	
B. REIMBURSABLE UTILITIES	$ 154,000	
C. CONSTRUCTION		
1. MAJOR STRUCTURES	$ 4,076,000	
2. GRADING AND DRAINAGE	$ 3,756,500	
3. BASE AND PAVING	$ 1,690,500	
4. LUMP ITEMS	$ 625,190	
5. MISCELLANEOUS	$ 186,000	
6. SPECIAL FEATURES	$	
SUBTOTAL CONSTRUCTION COST	$ 10,334,190	
E. & C. (10%)	$ 1,085,100	
INFLATION (5% PER YEAR)	$ 516,710	
NUMBER OF YEARS 1		
TOTAL CONSTRUCTION COST		**$ 11,936,000**
GRAND TOTAL PROJECT COST		

STP-0000-00(291) - PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-0000-00(291) COUNTY: BARTOW COUNTY

DATE: June 12, 2000 ESTIMATED LETTING DATE: April 2003

PREPARED BY: Jordan, Jones & Goulding, Inc. PROJECT LENGTH: 1.18 miles

( )PROGRAMMING PROCESS ( )CONCEPT DEVELOPMENT ( )DURING PROJECT DEV.

PROJECT COST STP-0000-00(291)	
A. RIGHT-TO-WAY:	
1. PROPERTY (LAND & EASEMENT)	$ 1,322,000
2. DISPLACEMENTS; RES:0, BUS;0, M.H.:0	$
3. OTHER COST (ADM./COST, INFLATION)	$
SUBTOTAL:A	$ 1,322,000
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	$
2. TRANSMISSION LINES	$ 104,000
3. SERVICES	$ 113,800
SUBTOTAL:B	$ 217,800
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	$
a. OVERPASSES - Bridge over U.S. 41	$ 2,617,160
b. OTHER -	$
SUBTOTAL:C-1	$ 2,617,160
2. GRADING AND DRAINAGE:	
a. EARTHWORK	$ 1,750,000
b. DRAINAGE:	$ 320,000
1) Cross Drain Pipe	$ 150,000
2) Curb and Gutter	$ 20,000

PROJECT COST STP-0000-00(291)		
3) Longitudinal System(include catch basins)		$
SUBTOTAL:C-2		$ 2,240,000
3. BASE AND PAVING:		
a. AGGREGATE BASE		$ 500,000
b. ASPHALT PAVING: Surface	$ 200,000	
Binder	$ 290,000	
Base	$ 370,000	
SUBTOTAL:C-3.b		$ 860,000
c. CONCRETE PAVING		$ 4,000
d. OTHER		$
SUBTOTAL:C-3		$ 1,364,000
4. LUMP ITEMS:		
a. GRASSING		$ 70,000
b. CLEARING AND GRUBBING		$ 130,000
c. LANDSCAPING		$ 72,000
d. EROSION CONTROL		$ 120,000
e. TRAFFIC CONTROL		$ 90,000
SUBTOTAL:C-4		$ 482,000
5. MISCELLANEOUS:		
a. LIGHTING		$
b. SIGNING - MARKING		$ 68,000
c. GUARDRAIL – MODIFY END OF BRIDGE AND HANDRAIL		$ 60,000
d. SIDEWALK		$
SUBTOTAL:C-5		$ 128,000
6. SPECIAL FEATURES SUBTOTAL:C-6		$

ESTIMATE SUMMARY STP-0000-00(291)		
A. RIGHT-OF-WAY	$ 1,908,000	
B. REIMBURSABLE UTILITIES	$ 170,000	
C. CONSTRUCTION		
1. MAJOR STRUCTURES	$ 2,617,160	
2. GRADING AND DRAINAGE	$ 2,240,000	
3. BASE AND PAVING	$ 1,364,000	
4. LUMP ITEMS	$ 482,000	
5. MISCELLANEOUS	$ 128,000	
6. SPECIAL FEATURES	$	
SUBTOTAL CONSTRUCTION COST	$ 6,831,160	
E. & C. (10%)	$ 717,280	
INFLATION (5% PER YEAR)	$ 341,560	
NUMBER OF YEARS 3		
TOTAL CONSTRUCTION COST		**$ 7,890,000**
GRAND TOTAL PROJECT COST		