

D.O.T. 66

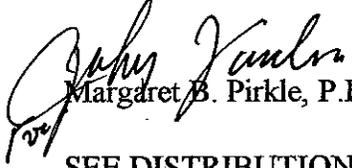
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-1004(3) Gilmer County
P. I. No. 642070

OFFICE Preconstruction

DATE July 7, 2003

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

David Mulling
Harvey Keepler
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Joe Palladi
Paul Liles
Brent Story
Kent Sager
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-1004(3) Gilmer County **OFFICE** Preconstruction
P.I. No. 642070

DATE June 23, 2003

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

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

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of four (4) passing lanes on SR 382 between SR 136 and Old SR 5 in Gilmer County. The proposed passing lanes are as follows:

Site 1	MP 0.0 - MP 1.35	Eastbound
Site 2	MP 2.7 - MP 4.4	Westbound
Site 3	MP 5.3 - MP 6.7	Eastbound
Site 4	MP 8.4 - MP 10.05	Westbound

State Route 382 between SR 136 and Old SR 5 has rolling terrain with passing prohibited along long segments of the route. This project will provide safe passing eastbound (Sites 1 and 3) and westbound (Sites 2 and 4) in a relatively high volume area and improve the functional capacity and safety of the route. Accident data between 1995 and 1997 indicate the fatality rate exceeded the statewide average for similar type roads. The existing roadway consists of two, 12' lanes with 3' rural shoulders on 100' of existing right-of-way. The base year traffic (2002) is 3,600 VPD and the design year traffic (2030) is 6,400 VPD. The posted speed and the design speed are 55 MPH.

The proposed construction will provide three, 12' lanes with 10' rural shoulders (2' paved) on 120' of minimum proposed right-of-way at all four sites. Traffic will be maintained utilizing staging during construction.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion is anticipated; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$5,665,000	\$4,618,000	LR	LR
Right-of-Way	\$ 735,000	\$ 735,000		
Utilities*	\$ 200,000	---		

Frank L. Danchetz

Page 2

STP-1004(3) Gilmer

June 23, 2003

*LGPA to be sent.

I recommend this project concept be approved.

MBP:JDQ/cj

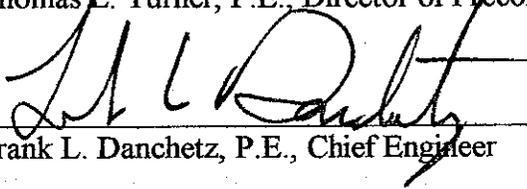
Attachment

CONCUR



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

APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-1004(3) Gilmer
P.I. Number 642070
S.R. 382 Passing Lanes

OFFICE: Engineering Services

DATE: June 5, 2003

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the concept report submitted May 23, 2003 by the letter from Kent Sager dated May 12, 2003, and have the following comments.

- The area of the Concept Report (Page 4) dealing with potential Design Exceptions should include a brief description of the potential deviation requiring a Design Exception on this project. A design exception must be granted for sub standard features. *CORNG WILL BE REDUCED FROM 10' TO 8' => MAX ALLOWED @ 55MPH = 8'*
- Estimated quantity of Earthwork and a unit cost should be included in the cost estimate. Other items should be broken up with quantities where possible i.e., paving quantities, culvert quantities, etc.

The costs for this project are:

Construction	\$4,681,900
Inflation	\$468,190
E&C	\$515,009
Reimbursable Utilities	\$200,000
Right of Way	\$735,000

REW

c: Kent Sager, Attn: David Moore

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-1004(3)		County: Gilmer		PI No.: 642070		
Report Date: May 12, 2003		Concept By: DOT Office: District 6				
<input checked="" type="checkbox"/> Concept Stage		Consultant:: N/A				
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input checked="" type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous		
FOCUS AREAS	SCORE	RESULTS				
Presentation	90	Clarification of sub standard feature requiring a design exception was not given. Estimated quantities and unit costs was not included for several items in Cost Estimate.				
Judgement	100					
Environmental	100					
Right of Way	100					
Utility	100					
Constructability	100					
Schedule	100					

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE *STP-1004(3), Gilmer Co.* **OFFICE** *Cartersville, Ga.*
 P.I. No.:642070
 Four Passing on SR382 **DATE** *May 12, 2003*
 Between SR136 & Old SR5

FROM *Kent L. Sager, District Engineer – District Six*

TO *Meg Pirkle, Assistant Division Director of Preconstruction*

SUBJECT *Project Concept Report For Approval*

Attached is a copy of the concept report for project STP-1004(3) Gilmer County. Copies have been forwarded to the appropriate offices for review and comment.

If additional information is needed, please call David P. Moore at 770-387-3622. As always, your assistance is greatly appreciated.

By: *David P. Moore*
District Design Engineer

KLS:DPM:stm

Attachments:

CC: *David Mulling, Project Review Engineer*
 Harvey Keeper, State Environmental/Location Engineer
 Carla Holmes, State Traffic Operations Engineer
 Marta Rosen, State Transportation Planning Administrator
 Percy Middlebrooks, Financial Management Administrator
 State Transportation Programming Engineer
 Main File
 File

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 6

PROJECT CONCEPT REPORT

Project Number: STP-1004(3)

County: Gilmer

P. I. Number: 642070

Federal Route Number: N/A

State Route Number: 382

SR 382 passing lanes between SR 136 and Old SR 5 in Gilmer
County
From MP 0.00 to MP 10.05
East Bound from MP 0.00 to MP 1.35
East Bound from MP 5.30 to MP 6.70
West Bound from MP 2.70 to MP 4.40
West Bound from MP 8.4 to MP 10.05

Recommendation for approval:

DATE 6-3-2003

Curtis D. Combs

Project Manager

DATE 6/3/03

[Signature]
Office Head/District 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 the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

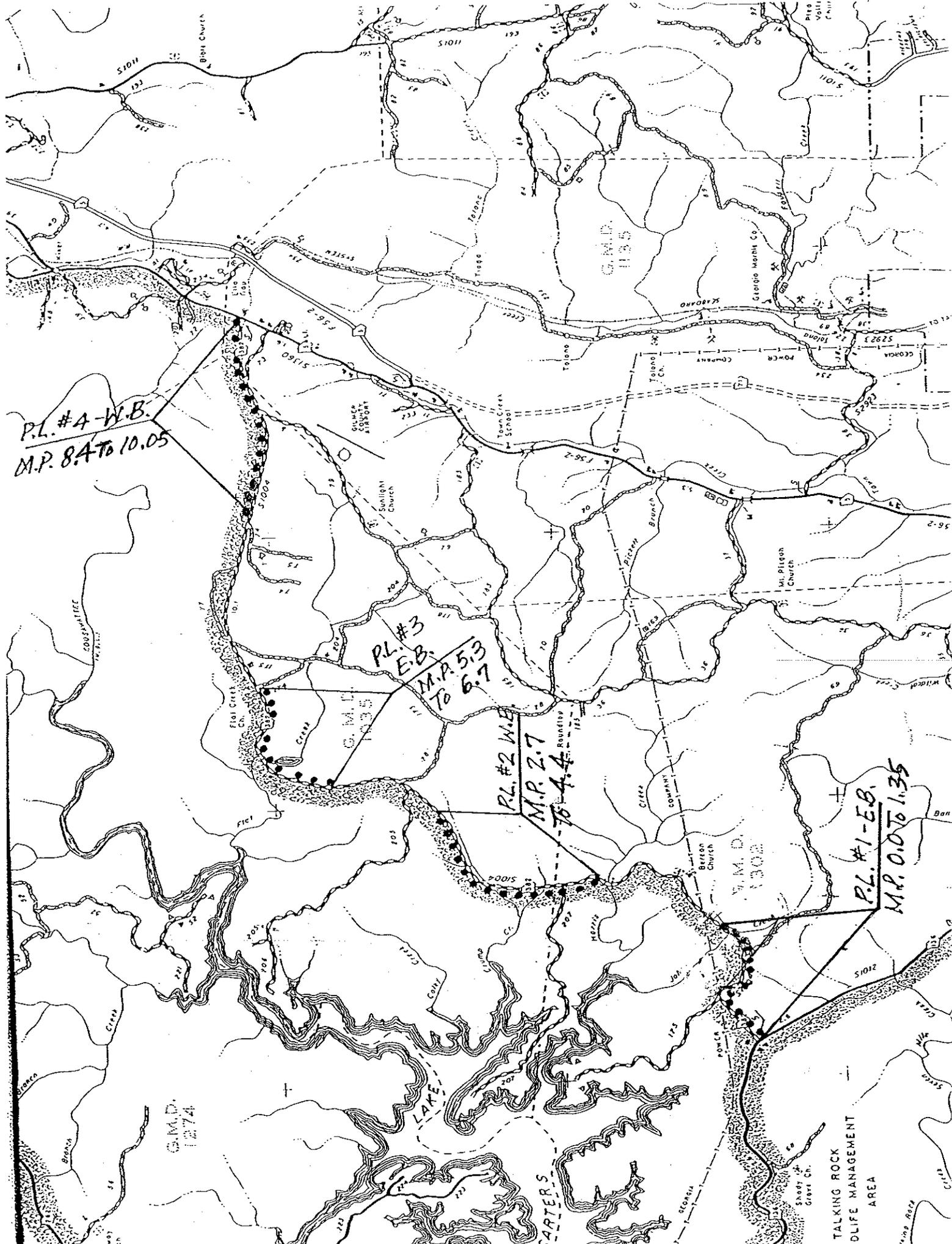
State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

Other Offices as Required, such as Bridge Design, etc.



P.L. #4-W.B.
M.P. 8.4 To 10.05

P.L. #3
E.B.
M.P. 5.3
To 6.7

P.L. #2 W.E.
M.P. 2.7
To 4.4

P.L. #1-EB,
M.P. 0.0 To 1.35

G.M.D.
1274

G.M.D.
1135

G.M.D.
1302

TALKING ROCK
WILDLIFE MANAGEMENT
AREA

CARTERS
LAKE

CONSTITUTION
1787

Bible Church

Sunlight Church

GILMER COUNTY AIRPORT

Roundly

Branch

Company

Berren Church

Shady Grove Ch.

St. Pious Church

Need and Purpose: See Attachment "A"

Is the project located in a Non-attainment area? _____ Yes X No

PDP Classification: Major _____ Minor X

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

Functional Classification: Rural Major Collector

U. S. Route Number(s): N/A **State Route Number(s):** 382

Traffic (AADT): Current Year (2002) 3600 Design Year (2030) 6400

Existing design features:

- Typical Section: Two 12-ft lanes with 3-ft grass shoulder
- Posted Speed: 55 mph
- Maximum Degree of Curvature: 10
- Maximum Grade: 7%
- Width of Right of Way: 100 ft
- Major Structures: NONE
- Major Interchanges or Intersections along the Project: NONE
- Existing Length of Roadway Segment and Beginning Mile Logs for each County Segment: 10.05 mi, see above project description for mile logs

Proposed Design Features:

- Proposed Typical Section(s): Three 12-ft lanes with 10-ft shoulders
- Proposed Design Speed Mainline: 55 mph
- Proposed Maximum Grade Mainline: 6%
- Maximum Grade Allowable: 9%
- Proposed Maximum Degree of Curve: 8
- Maximum Degree Allowable: 6
- Right of way
 - Width: 120 ft
 - Easements: Temporary (X), Permanent (), Utility (X), Other ()
 - Type of Access Control: Full (), Partial (X), By Permit (), Other ()
 - Number of Parcels: 80
 - Number of Displacements: Business: NONE
 Residences: NONE
 Mobile Homes: NONE
 Other: NONE
- Structures:
 - Bridges: NONE
 - Retaining Walls: NONE
- Major Intersections and Interchanges: NONE
- Traffic Control During Construction: Traffic will be maintained during construction using stage construction
- Design Exceptions to Controlling Criteria Anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	0	(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 Anticipated
- Environmental Concerns: Section 404 and Water Quality

Project Concept Report Page 5
Project Number: STP-1004(3)
P. I. Number: 642070
County: Gilmer

- Level of Environmental Analysis:
 - Are Time Saving Procedures Appropriate? Yes (X) No ()
 - Categorical Exclusion (X)
 - Environmental Assessment: Finding of No Significant Impact/FONSI () or Environmental Impact Statement/EIS ()

- Utility Involvements: Ellijay Water & Sewer, Ellijay Telephone Co., Amicalola EMC, Eagle Mountain Water, Georgia Power, and Atlanta Gas Light Co.

Project Responsibilities:

- Design: GDOT
- Right of Way Acquisition: GDOT
- Relocation of Utilities: GDOT
- Letting to Contract: GDOT
- Supervision of Construction: GDOT
- Providing Material Pits: Contractor
- Providing Detours: N/A

Coordination

- Concept Meeting Date:
- P.A.R. Meetings, Dates and Results: N/A
- FEMA, USCG and/or TVA: N/A
- Public Involvement:
- Local Government Comments: NONE
- Other Projects in the Area: NONE

Scheduling – Responsible Parties' Estimate

- Time to Complete the Environmental Process: 24 Months
- Time to Complete Preliminary Construction Plans: 9 Months
- Time to Complete Right of Way Plans: 6 Months
- Time to Complete the Section 404 Permit: 12 Months
- Time to Complete Final Construction Plans: 6 Months
- Time to Complete Purchase of Right of Way: 12 Months

Project Concept Report page ____6____

Project Number: STP-1004(3)

P. I. Number: 642070

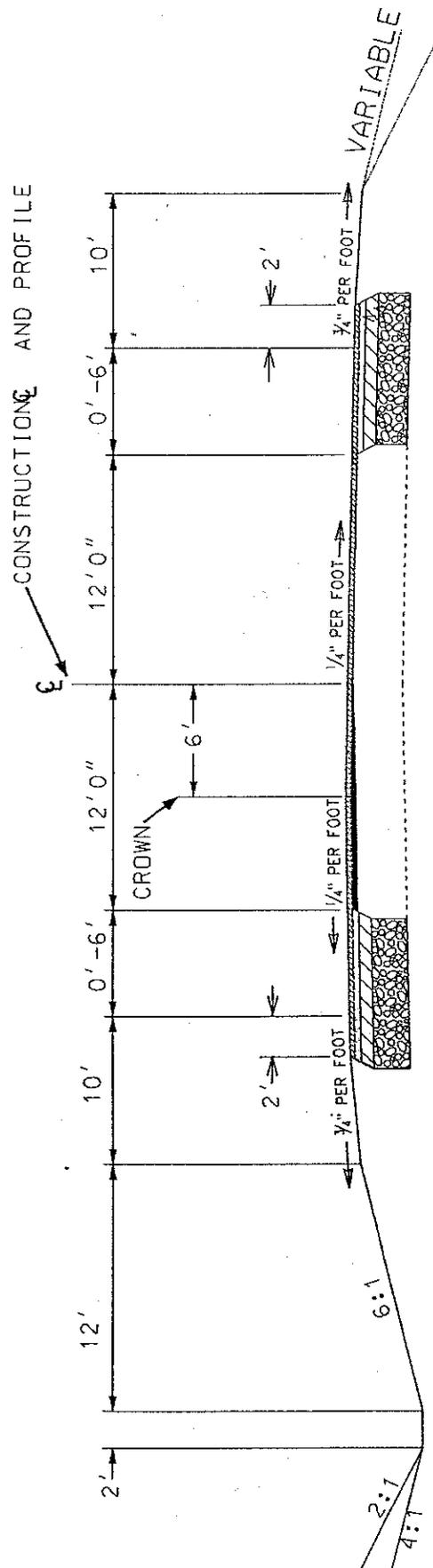
County: Gilmer

Other alternates considered: No build.

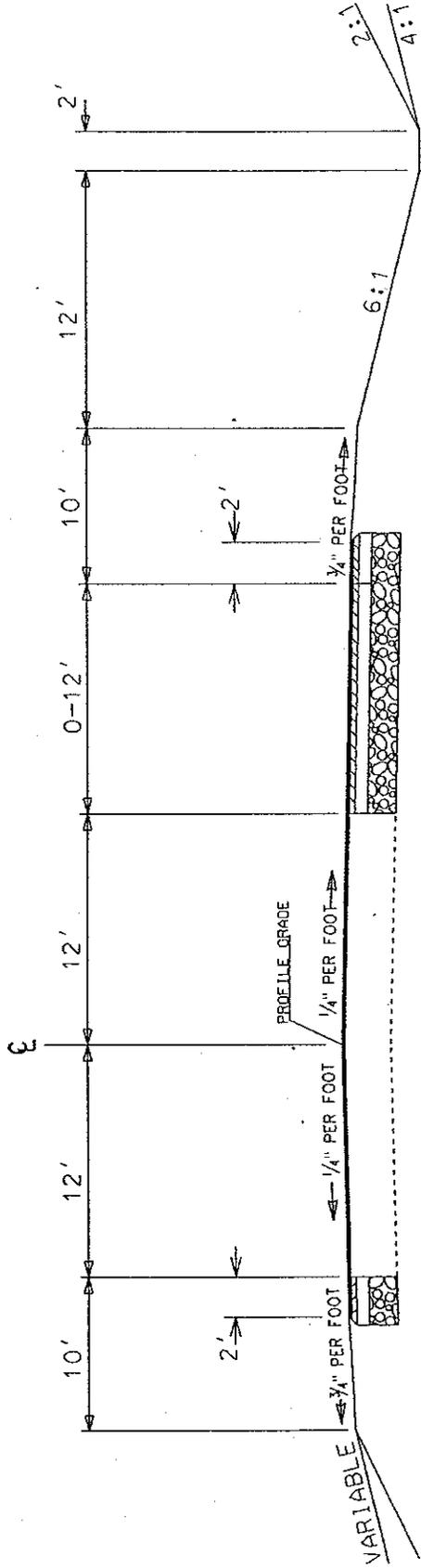
Comments: None

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Accident summaries,
5. Minutes of Initial Concept and Concept meetings,
6. "A"
7. Location and Design notice



TYPICAL SITE 1



TYPICAL SITE 2, SITE 3 & SITE 4

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-1004 (30)
 P.I. No. 642070

OFFICE Cartersville

FROM Kerry D. Bonner
 District Utilities Engineer

DATE March 18, 2003

TO DeWayne Comer
 District Pre Construction Engineer

ATTN Steve Malinak

SUBJECT PRELIMINARY UTILITY COST ESTIMATE

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimates for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON- REIMBURSABLE	REIMBURSABLE	LOCAL GOVT. COST
Georgia Power		\$84,000.00	
Atlanta Gas Light		No Facilities	
Gilmer County Water Auth.	\$264,000.00		
Amicalola	\$48,000.00		
Ellijay Telephone	\$40,000.00		
Georgia Power Transmission		\$91,000.00	
Totals	\$352,000.00	\$175,000.00	

Total Preliminary Utility Cost Estimate \$527,000.00

If you have any questions, please contact Stan Horton 770-387-3616.

KDB/lsh

**C: Jeff Baker, State Utilities Engineer;
Herman Griffin, Office of Programming;
James Chastain, Area Engineer
File/Estimating Book**

RIGHT OF WAY COST BREAKDOWN SHEET

Date: 2/25/03
 Project: STP-1004(3) Gilmer
 P.I. No. : 642070
 No. of Parcels: 80 +/-
 Project Description: Passing Lanes on SR 382

Land:	(Includes Fee Simple and Easements)		
	Residential: 17.6 Ac x 10,000/ac.	\$	
	Commercial:.	\$	\$ 176,000
Improvements:	(Includes related site improvements)		
	Single Family Residences	\$	
	Commercial Buildings	\$	\$
Relocation:		\$	
		\$	\$
Damages:	(Includes cost to cure)		
	Consequential		\$ _____
	Estimated cost of Right of Way		\$
	C/O, Condemnation Increase & Legal Cost (50% of R/W)		\$ 88,000
	Fee Acquisition Cost		\$ NA
	Fee Appraisal Cost		\$ 240,000
	Condemnation Cost (#(80) parcels x 10% x \$5,500)		\$ 44,000
	Incidentals (#(80) parcels x \$1,500)		<u>\$ 120,000</u>
	Estimated Cost of Fees		\$492,000
	Net Cost		\$668,000
	Inflation (10% rural; 25% urban)		
	\$10% x 668,000		\$66,800
Total Cost			\$735,000

PRELIMINARY COST ESTIMATE

DATE 4-14-2003

PROJECT ST-1004(3)

P.I. NO 642070

PROJECT DESCRIPTION Construct 4 passing lanes along a 10.05-mile stretch of SR 382 between SR 136 and Old SR 5. Site one will be an eastbound passing lane beginning at mile post (MP) 0.00 and ending at MP 1.00. Site two will be a westbound passing lane beginning at MP 2.70 and extending to MP 4.40. Site three will be an eastbound passing lane running from MP 5.30 to MP 6.70, and the final passing lane, site 4, will be westbound beginning at MP 8.80 and ending at MP 10.05.

TRAFFIC: Existing 3600 Design 4600

() PROGRAMMING PROCESS (x) CONCEPT DEVELOPMENT () DURING PROJECT DEVELOPMENT

A. RIGHT OF WAY	PROJECT COST
1. PROPERTY (Land and Easements)	\$ <u>735,000</u>
2. DISPLACEMENTS	\$ _____
3. OTHER COSTS	\$ _____
	SUBTOTAL \$ <u>735,000</u>
 B. REIMBURSABLE UTILITIES	
1. RAILROAD	\$ _____
2. TRANSMISSION LINES	\$ <u>200,000</u>
3. SERVICES	\$ _____
	SUBTOTAL \$ <u>200,000</u>
 C. MAJOR STRUCTURES	
1. WALLS	\$ _____
2. BRIDGE STREAM CROSSINGS	\$ _____
3. BRIDGE OVER/UNDERPASS	\$ _____
4. BOX CULVERTS	\$ <u>600,000</u>
	SUBTOTAL \$ <u>600,000</u>

D. GRADING AND DRAINAGE

1. EARTHWORK	\$ <u>904,000</u>
2. DRAINAGE	\$ <u>137,500</u>
a. Cross drain pipes (exc. box culverts)	\$ _____
b. Curb and Gutter	\$ _____
c. Longitudinal System (incl. Catch Basins)	\$ _____

SUBTOTAL	\$ <u>1,041,500</u>
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E. BASE AND PAVING

1. AGGREGATE BASE	\$ <u>780,000</u>
2. ASPHALT PAVING	\$ <u>995,100</u>
3. CONCRETE PAVING	\$ _____
4. OTHER	\$ _____

SUBTOTAL	\$ <u>1,775,100</u>
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F. LUMP ITEMS

1. TRAFFIC CONTROL	\$ <u>375,000</u>
2. CLEARING AND GRUBBING	\$ <u>137,300</u>
3. LANDSCAPING	\$ _____
4. EROSION CONTROL	\$ <u>372,000</u>
5. DETOURS (Incl. Temp. Bridges)	\$ <u>33,600</u>

SUBTOTAL	\$ <u>917,900</u>
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G. MISCELLANEOUS

1. LIGHTING	\$ _____
2. SIGNING & STRIPING	\$ <u>149,800</u>
3. GUARDRAIL	\$ <u>150,600</u>
4. OTHER	\$ <u>47,000</u>

SUBTOTAL	\$ <u>347,400</u>
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H. SPECIAL FEATURES

SUBTOTAL	\$ _____
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ESTIMATE SUMMARY**ROW & UTILITIES COST SUMMARY**

A. RIGHT OF WAY	\$ <u>735,000</u>
B. REIMBURSABLE UTILITIES	\$ <u>200,000</u>
	SUBTOTAL \$ <u>935,000</u>

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	\$ <u>600,000</u>
D. GRADING AND DRAINAGE	\$ <u>1,041,500</u>
E. BASE AND PAVING	\$ <u>1,775,100</u>
F. LUMP ITEMS	\$ <u>917,900</u>
G. MISCELLANEOUS	\$ <u>347,400</u>
H. SPECIAL FEATURES	\$ <u>0</u>
	SUBTOTAL \$ <u>4,681,900</u>
	E & C (10%) \$ <u>468,190</u>
	INFLATION (5% PER YEAR) \$ <u>468,190</u>
	TOTAL CONSTRUCTION COST \$ <u>5,618,280</u>

GRAND TOTAL COST \$ 6,553,280

ANALYSIS REPORT 1

Go To
List of Routes
Query Summary
Year Selection

Number of Records: 12																				
Accident #	Date	County	Rt Type	Route Mile	Int Rt Type	Int Rt Ramp	Inj Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1	D2	VM1	VM2				
11910043	2001-06-06 00:00:00.0	Gilmer	State Route	038200 2.89			1	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Not Lighted	Dry	W			05				
13210358	2001-06-06 00:00:00.0	Gilmer	State Route	038200 2.89			1	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Not Lighted	Dry	W			05				
13910319	2001-12-09 00:00:00.0	Gilmer	State Route	038200 5.45			1	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Not Lighted	Wet	W			10				
13210659	2001-07-13 00:00:00.0	Gilmer	State Route	038200 5.59			1	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Not Lighted	Dry	W			05				
12180697	2001-07-13 00:00:00.0	Gilmer	State Route	038200 5.59			1	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Not Lighted	Dry	W			10				
10870198	2001-03-13 00:00:00.0	Gilmer	State Route	038200 9.21			2	0	Not A Collision With A Motor Vehicle	Off Roadway	Other Non-Collision	Daylight	Dry	E	W	05				
13230489	2001-10-03 00:00:00.0	Gilmer	State Route	038200 9.21			2	0	Not A Collision With A Motor Vehicle	On Shoulder	Embankment	Dark-Not Lighted	Dry	N		02				
11520652	2001-04-11 00:00:00.0	Gilmer	State Route	038200 9.21		2	0	0	Not A Collision With A Motor Vehicle	Off Roadway	Ditch	Daylight	Dry	W		01				
11520650	2001-04-10 00:00:00.0	Gilmer	State Route	038200 9.54			0	0	Not A Collision With A Motor Vehicle	On Roadway	Deer	Dark-Not Lighted	Dry	N		05				
11770680	2001-05-28 00:00:00.0	Gilmer	State Route	038200 9.66			0	0	Rear End	On Roadway	Motor Vehicle in Motion	Daylight	Wet	E	E	01				
13210266	2001-05-28 00:00:00.0	Gilmer	State Route	038200 9.66			0	0	Rear End	On Roadway	Motor Vehicle in Motion	Daylight	Wet	E	E	01				
13910085	2001-11-28 00:00:00.0	Gilmer	State Route	038200 9.66			0	0	Rear End	On Roadway	Motor Vehicle in Motion	Daylight	Dry	E	E	01				
Total Accidents: 12															Total Vehicles: 16		Total Injuries: 6		Total Fatalities: 0	

ANALYSIS REPORT 1

Go To
List of Routes
Query Summary
Year Selection

Number of Records: 1												
Accident #	Date	County Rt Type	Route Mile	Int Rt Type	Int Rt Ramp	Inj Fatal	Manner of Collision	LOC	First Harmful Event	Light Surface	D1 D2	VM1 VM2
999990080590914	1998-03-03 15:54:00.0	Glimmer Route	State Route 038200 9.21	2	007900	0	0	Sideswipe - Opposite Direction	On Roadway	Motor Vehicle in Motion	Daylight	Dry W E 01 05
				Total Accidents: 1			Total Vehicles: 2			Total Injuries: 0		
											Total Fatalities: 0	

ANALYSIS REPORT 1

Go To
List of Routes
Query Summary
Year Selection

Number of Records: 3																			
Accident #	Date	County	Rt Type	Route Mile	Int Rt Type	Int Rt Ramp	Inj	Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1 D2 VMI VM2					
999990072510196	1997-09-16 18:30:00.0	Gilmer	State Route	038200 2.99	2	020700	1	0	Not A Collision With A Motor Vehicle	On Shoulder	Embankment	Daylight	Dry	W S 05 02					
999990071520131	1997-06-25 20:45:00.0	Gilmer	State Route	038200 9.21	2	007900	1	0	Not A Collision With A Motor Vehicle	On Shoulder	Embankment	Daylight	Dry	W 01					
999990073370016	1997-12-23 11:20:00.0	Gilmer	State Route	038200 9.21	2	007900	2	0	Rear End	On Roadway	Motor Vehicle in Motion	Daylight	Dry	W W 05 09					
Total Accidents: 3					Total Vehicles: 5					Total Injuries: 4					Total Fatalities: 0				

ANALYSIS REPORT 1

Go To
List of Routes
Query Summary
Year Selection

Accident #	Date	County	Rt Type	Route	Mile	Int Rt Type	Int Rt	Int Ramp	Inj Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1	D2	VM1	VM2	
999990061900191	1996-08-05 12:00:00.0	Gilmer	State Route	038200	6.00				0	0	Sideswipe - Same Direction	On Roadway	Motor Vehicle in Daylight	Dry	E	E	10	01	
Total Accidents: 1										Number of Records: 1									
Total Accidents: 1										Total Vehicles: 2									
Total Accidents: 1										Total Injuries: 0									
Total Accidents: 1										Total Fatalities: 0									

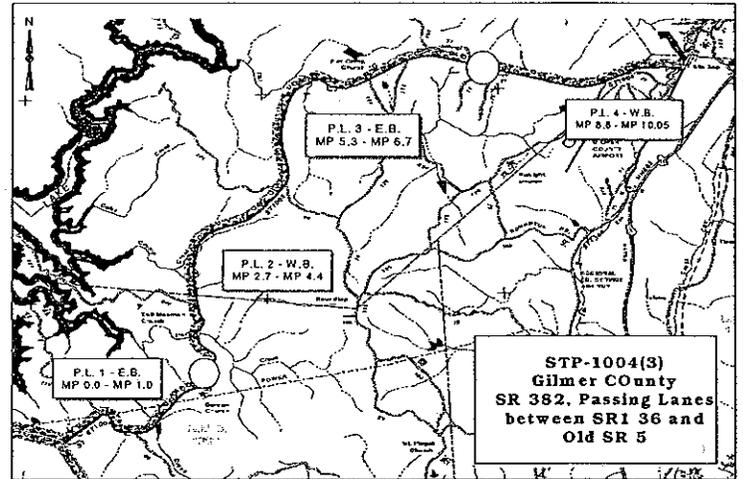
ANALYSIS REPORT 1

Go To
List of Routes
Query Summary
Year Selection

Number of Records: 5														
Accident #	Date	County	Rt Type	Route Mile	Int Rt Type	Int Rt	Ramp Inj	Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1 D2 VMI VM2
999990051560118	1995-07-21 12:39:00.0	Gilmer	State Route	038200 2.74			1	0	Not A Collision With A Motor Vehicle	Off Roadway	Overturn	Daylight	Wet	E 10
999990051800661	1995-08-12 14:44:00.0	Gilmer	State Route	038200 2.98			2	0	Not A Collision With A Motor Vehicle	On Roadway	Overturn	Daylight	Dry	W 10
999990050850262	1995-04-02 16:26:00.0	Gilmer	State Route	038200 3.79			0	0	Rear End	On Roadway	Motor Vehicle in Motion	Daylight	Dry	E E 10 10
999990050380673	1995-02-16 14:15:00.0	Gilmer	State Route	038200 9.57			0	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Wet	E N 05 05
999990052300342	1995-10-20 11:45:00.0	Gilmer	State Route	038200 9.66			0	0	Sideswipe - Opposite Direction	On Roadway	Motor Vehicle in Motion	Daylight	Wet	W E 10 10
Total Accidents: 5 Total Vehicles: 8 Total Injuries: 3 Total Fatalities: 0														

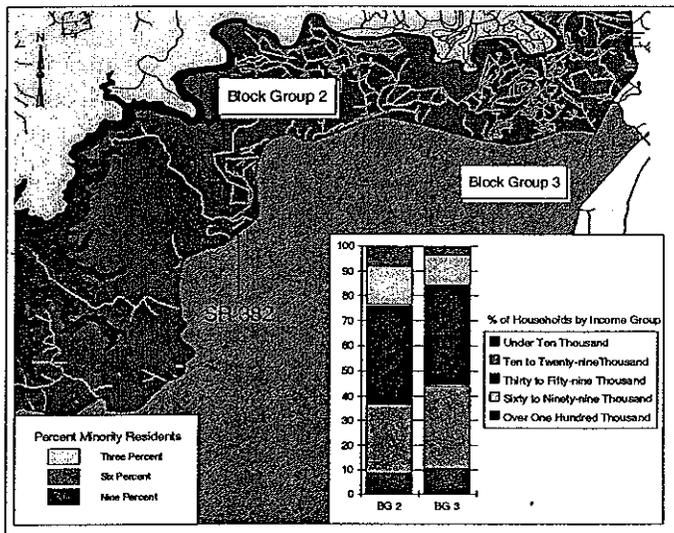
Attachment "A"
Need and Purpose Statement
STP - 1004(3) Gilmer County
P.I. No. 642070
SR 382

The purpose of STP-1004(3) is to construct 4 passing lanes along a 10.05 mile stretch of SR 382 between SR 136 and Old SR 5. Site one will be an eastbound passing lane beginning at mile point (MP) 0 and ending at mile point (MP) 1.35. Site two will be a westbound passing lane beginning at MP 2.7 and extending to MP 4.4. Site three will be an eastbound passing lane running from MP 5.3 to MP 6.7, and the final passing lane, site 4, will be westbound, begin at MP 8.4, and end at MP 10.05. The project location and individual sites are shown in the figure to the right. Since this segment of highway was previously included in the county road system, it does not have standard geometrics at many locations. In January of 1994, this project was recommended due to substandard horizontal alignment, steep grades, and limited site distance.



Community Issues:

According to the 2000 Census, in Gilmer County 93.6% of the residents were white and 6.4% were of another ethnicity. The Hispanic population, who can be identified as either white or black in the Census data, made up 7.7% of the county's population and 0.3% of the county's population were black. In the State of Georgia, the 2000 Census reported that 65.1% of the residents were white, and 34.9% were of another ethnicity or minority group.



SR 382 is bounded on each side by two block groups, as defined by the 2000 Census. Northwest of SR 382 (Block Group 2), the percent of minority residents is roughly six percent with the remaining ninety-four percent being non-minority or white residents. To the southeast of SR 382 (Block Group 3), the percentage of minority residents is slightly higher at nine percent. Overall, the project corridor has a similar make-up as Gilmer County as a whole. In both block groups, the majority of households (40% of

households in each block group) earn an annual income between thirty to fifty-nine thousand dollars, followed closely by households earning an annual income between ten to twenty-nine thousand dollars.

Attachment "A" Contd.

Safety:

Since all of the passing lanes are within 2 miles of each other (beginning at MP 0 and ending at MP 10.05), accidents were looked at along the entire stretch of SR 382, which is 11.59 miles in length. The accident rates do not exceed the statewide averages for any of the years for which there are complete accident data, 1995 – 1997. However, the injury rate exceeds the statewide average for all years for which complete accident data is available. In 1995 and 1997, the fatality rate exceeded the statewide average for similar road types. It is likely that both the injury rate and fatality rate for 2001 also exceed the statewide average for similar road types. However, due to incomplete data statewide averages could not be computed. Overall, the addition of passing lanes will improve the safety characteristics of SR 382.

	1995		1996		1997		2001 ¹	
	SR 382	State ²	SR 382		SR 382		SR 382	State
Number of Accidents	15		12		12		21	NA
Accident Rate	192	193	138	201	130	194	203	NA
Injuries	10		18		17		15	NA
Injury Rate	128	122	207	122	184	112	145	NA
Fatalities	1		0		2		1	NA
Fatality Rate	12.8	3.4	0.00	3.67	21.7	3.62	9.69	NA

Travel Demand and Operational Conditions:

Traffic volumes increase northeasterly along SR 382, with site one having a 2002 average daily traffic (ADT) volume of 1,500 and site four having an ADT volume more than double that. Following is a table listing current and future design traffic by site:

Site #	2002 ADT	2006 ADT	2026 ADT
1	1500	1800	2600
2	2500	3100	4500
3	2500	3100	4500
4	3600	4400	6400

Level-of-service (LOS) is defined as a qualitative measure describing operational conditions within a traffic stream. There are six defined LOS tiers at which a roadway can operate. Each of the six tiers are identified by a letter, "A" through "F". LOS "A" represents the best operating conditions and LOS "F" represents the worst.

The Highway Capacity Manual is used by the Office of Planning to calculate LOS for all projects that are analyzed. The addition of passing lanes on SR 382 was assigned a LOS for current and future conditions

¹ 2001 data is only 95% complete and statewide averages are not yet available for 2001 data.

² Statewide accident data for Major Collector, rural.

Attachment "A" Contd.

under both the both the no-build and build options using the two-way directional option that allows analysis of passing lanes³.

Site One

Design Year	No-build LOS	Build LOS (EB passing lane, M.P. 0 to M.P. 1.0)
2000	C	B/C
2006	C	B/C
2026	D	C

Site Two

Design Year	No-build LOS	Build LOS (WB passing lane, M.P. 2.7 to M.P. 4.4)
2000	D	C
2006	D	C
2026	E	C/D

Site Three

Design Year	No-build LOS	Build LOS (EB passing lane, M.P. 5.3 to M.P. 6.7)
2000	D	C
2006	D	C
2026	E	C

Site Four

Design Year	No-build LOS	Build LOS (EB passing lane, M.P. 8.8 to M.P. 10.05)
2000	D	C/D
2006	E	D
2026	E	D

All four sites are currently operating at a LOS "C" or worse. Providing additional opportunities for passing along this route will increase the LOS and in turn will break up the platoons and reduce vehicle delay. Under the build option, each section of the roadway will operate at a LOS "D" or better, with the majority of the sites expected to operate at a LOS "C" through design year 2026.

Need and Purpose:

This improvement is needed to reduce vehicle platooning and thus help improve the safety and operational conditions on SR 382 by providing passing opportunities.

³ A 50/50 directional split was assumed. Design traffic ADT numbers were used.

(5-8-2003)

CONCEPT MEETING NOTES

STP-1004(3)

PI No. 642070

Passing Lanes on SR382 between SR136 & Old SR5
Gilmer County

Comments From:

Construction:

Construction recommends to check site distance and the need for left turn lanes at all intersections. Recommends placing black base in lieu of GAB for paved shoulders.. Recommends to resurface between sites. (will check with maintenance) Existing paving should be cored.

Environmental:

No impacts expected to Wilderness Area. Endangered species may be in the area. There are possible stream impacts.

Utility:

Eagle Mountain Water is installing new line within project limits. Transmission line at M.P. 1.

Survey:

Recommend to coordinate with project STP-1004(2) P.I. No. 631260.

Traffic OPS:

No comments.

Concept Team Meeting

Project: STP-1004(3) GILMER
PI No.: 642070

Date: 5-8-03
Meeting Date: 5-8-03

Meeting Roster:

NAME	OFFICE	
DAVID MOORE	DISTRICT DESIGN	(770) 387-3822
Corey Carter	OEL	(404) 699-4403
Keshia Jackson	OEL	(404) 699-6866
STEVE MALINAIZ	DISTRICT DESIGN	770 387 3626
JAMES HUGHES	DISTRICT CONSTR (AREA 2)	(770) 387-3609
MARLAN CONLEY	D.O.T	(770) 387-3621
MICHAEL LONG	DOT	770-387-3633
KERRY BOLLNER	DUE	73873614
Kenn Beckwith	DOT	(7) 387-3609
STANLEY HORTON	DOT	(770) 387-3616
TONY HARWOOD	C.B.T. ELLIJA WATKIN	(770) 894-7001
Doug Stancil	Stancil's	706 692 5990
LOU CHASTAIN	DOT	706 635-5551
WESLEY KING	AREA 2 CONSTR.	706-635-5551
Frank Brock	Ca P Co	706 234 2360

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-1004(3) GILMER

P. I. 642070

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 *July 7, 2003*

This project consists of four passing lanes on SR382.

Site 1 East Bound from MP 0.00 to MP1.35 in Land Lots 21,22, & 23 District 24

Site 2 West Bound from MP 2.70 to MP 4.40 in Land Lots 215 & 216 District 11 & Land Lots 311,312, & 313 District 25.

Site 3 East Bound from MP 5.30 to MP 6.7 in Land Lots 303,304,305,306, & 310 District 25

Site 4 Land Lots 209,210,211 & 313 District 11.

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:

Lou Chastain, Area Engineer
258 Maddox Drive
Ellijay, Georgia 30540
776-635-5551

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:

Curtis DeWayne Comer
Preconstruction Office
500 Joe Frank Harris Parkway
Cartersville, Georgia 30120
770-387-3619

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, and may be referred to:

SCORING RESULTS AS PER TOPPS 2440-2

Project Number:		County:		PI No.:	
Report Date:		Concept By:			
<input type="checkbox"/> CONCEPT		DOT Office:			
		Consultant:			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input type="checkbox"/> Minor	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation					
Judgement					
Environmental					
Right of Way					
Utility					
Constructability					
Schedule					

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP-1004(3), Gilmer County
P.I. No. 642070

Office: Traffic Safety & Design
Atlanta, Georgia
Date: May 29, 2003

From: ^{PMA/sz} Phillip M. Allen, State Traffic Safety and Design Engineer
To: Meg Pirkle, Assistant Director of Preconstruction
Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the proposed passing lanes on State Route 382 (from SR 136 to Old SR 5) in Gilmer County. The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keeper, State Environment/Location Engineer
Kent L. Sager, District Engineer
Attention: William M. Darby, District Design Engineer
David Mulling, State Review Engineer, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Paul Liles, State Bridge & Structural Design Engineer
Chuck Hasty, TMC
General Files
Office Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 6

PROJECT CONCEPT REPORT

Project Number: STP-1004(3)

County: Gilmer

P. I. Number: 642070

Federal Route Number: N/A

State Route Number: 382

SR 382 passing lanes between SR 136 and Old SR 5 in Gilmer
County
From MP 0.00 to MP 10.05
East Bound from MP 0.00 to MP 1.35
East Bound from MP 5.30 to MP 6.70
West Bound from MP 2.70 to MP 4.40
West Bound from MP 8.4 to MP 10.05

Recommendation for approval:

DATE _____

Project Manager

DATE _____

Office Head/District 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 the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 5-28-08

Phillip M. Allie
State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

Other Offices as Required, such as Bridge Design, etc.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 6

PROJECT CONCEPT REPORT

Project Number: STP-1004(3)
County: Gilmer
P. I. Number: 642070

Federal Route Number: N/A
State Route Number: 382

SR 382 passing lanes between SR 136 and Old SR 5 in Gilmer County
From MP 0.00 to MP 10.05
East Bound from MP 0.00 to MP 1.35
East Bound from MP 5.30 to MP 6.70
West Bound from MP 2.70 to MP 4.40
West Bound from MP 8.4 to MP 10.05

Recommendation for approval:

DATE _____

Project Manager

DATE _____

Office Head/District 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 the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE 6/10/23

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

Other Offices as Required, such as Bridge Design, etc.