

D.O.T. 66

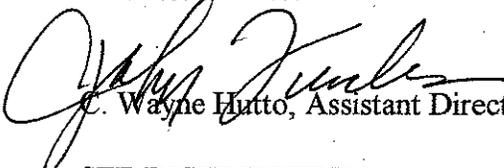
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0000-00(479) Butts County
P. I. No. 0000479

OFFICE Preconstruction

DATE January 16, 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

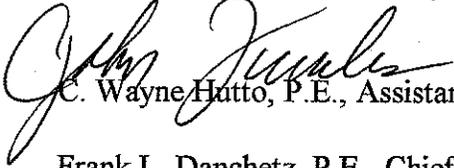
DISTRIBUTION:

Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
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Paul Liles
Ben Buchan
Glenn Durrence
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE ③ STP-0000-00(479) Butts County **OFFICE** Preconstruction
P.I. No. 0000479 **DATE** January 7, 2002

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of five passing lanes on SR 36 between the towns of Jackson and Stewart in Butts County. The proposed passing lanes are as follows:

SITE	LOCATION	DIRECTION
Site #1	MP 10.817 - 11.916	westbound
Site #2	MP 12.246 - 13.546	eastbound
Site #3	MP 12.266 - 13.546	westbound
Site #4	MP 14.416 - 15.491	eastbound
Site #5	MP 16.210 - 17.230	westbound

State Route 36 between the above mentioned limits has rolling terrain with passing prohibited along long segments of the route. The lack of passing on this route creates vehicle delays experienced by platoons traveling behind slower vehicles. This project will provide safe passing westbound (Sites 1, 3, and 5) and eastbound (Sites 2 and 4) in a relatively high volume area and improve the functional capacity of the route. State Route 36 is a rural two lane facility with a posted speed limit of 55 MPH. Traffic is projected to be 5,700 VPD and 11,700 VPD in the years 2007 and 2027 respectively.

The proposed construction will provide three, 12' lanes with 10' rural shoulders (2' paved) on 150' minimum proposed right-of-way at Sites 1, 4, and 5. Sites 2 and 3 will consist of four lanes including passing lanes in each direction on 160' minimum proposed right-of-way. Traffic will be maintained during construction.

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.

Frank L. Danchetz

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STP-0000-00(479) Butts

January 7, 2002

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)	\$2,814,000	\$3,928,000	LR	LR
Right-of-Way	\$2,965,000	\$1,145,000		
Utilities*	\$ 35,000			

*LGPA to be sent.

I recommend this project concept be approved.

CWH:JDQ/cj

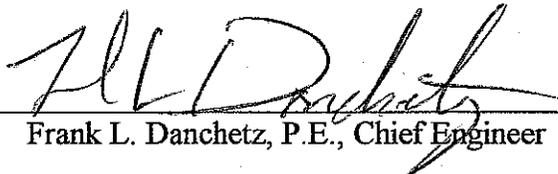
Attachment

CONCUR



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

APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-0000-00(479) Butts
P.I. Number 0000479

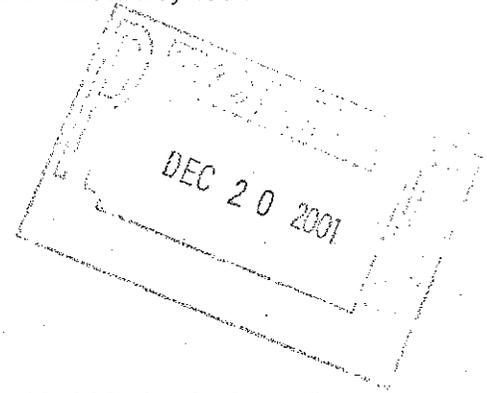
OFFICE: Engineering Services

DATE: December 20, 2001

FROM: David Mulling, ^{DTM} Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: **CONCEPT REPORT**



We have reviewed the concept report submitted December 10, 2001 by the letter from Glenn W. Durrence dated November 30, 2001, and have no comment.

The costs for the project are:

Construction	\$2,325,000
Inflation	\$ 233,000
E&C	\$ 256,000
Reimbursable Utilities	\$ 35,000
Right of Way	\$2,965,000

DTM

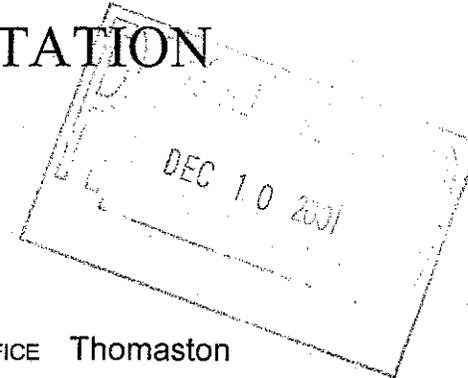
c: Glenn Durrence – Attention: Bill Rountree

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-0000-00(479)		County: Butts		PI No.: 0000479		
Report Date: 11/30/01			Concept By: DOT Office: DISTRICT 3			
<input checked="" type="checkbox"/> CONCEPT			Consultant: THE LPA GROUP			
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 <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input checked="" type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous		
FOCUS AREAS	SCORE	RESULTS				
Presentation	100%					
Judgement	100%					
Environmental	100%					
Right of Way	100%					
Utility	100%					
Constructability	100%					
Schedule	100%					

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE STP-0000-00(479) Butts
P.I.No. 0000479
SR 36 Passing Lanes

OFFICE Thomaston

DATE November 30, 2001

FROM ^{AJR} For Glenn W. Durrence, P.E., District Engineer

TO David Mulling, P.E., State Project Review Engineer

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:AJR:RBT

Xc: Wayne Hutto
Debra Benton
Harvey Keeper
Tommy Cleveland
David Millen
Lem Dobbs
Ethel White
Keith Rohling
Phillip Allen
Martha Rosen
Herman Griffin

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

State Route 36 Passing Lanes
Project Number: STP-0000-00(479)
County: Butts
P. I. Number: 0000479

Federal Route Number: N/A
State Route Number: 36

PROJECT LOCATION MAP: See Page 2

Prepared By: Wolverton & Associates/THE LPA GROUP INCORPORATED

Recommendation for approval:

DATE 11/15/01


Project Manager - Bill Rountree, P.E.

DATE 11-19-01


District 3 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 _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

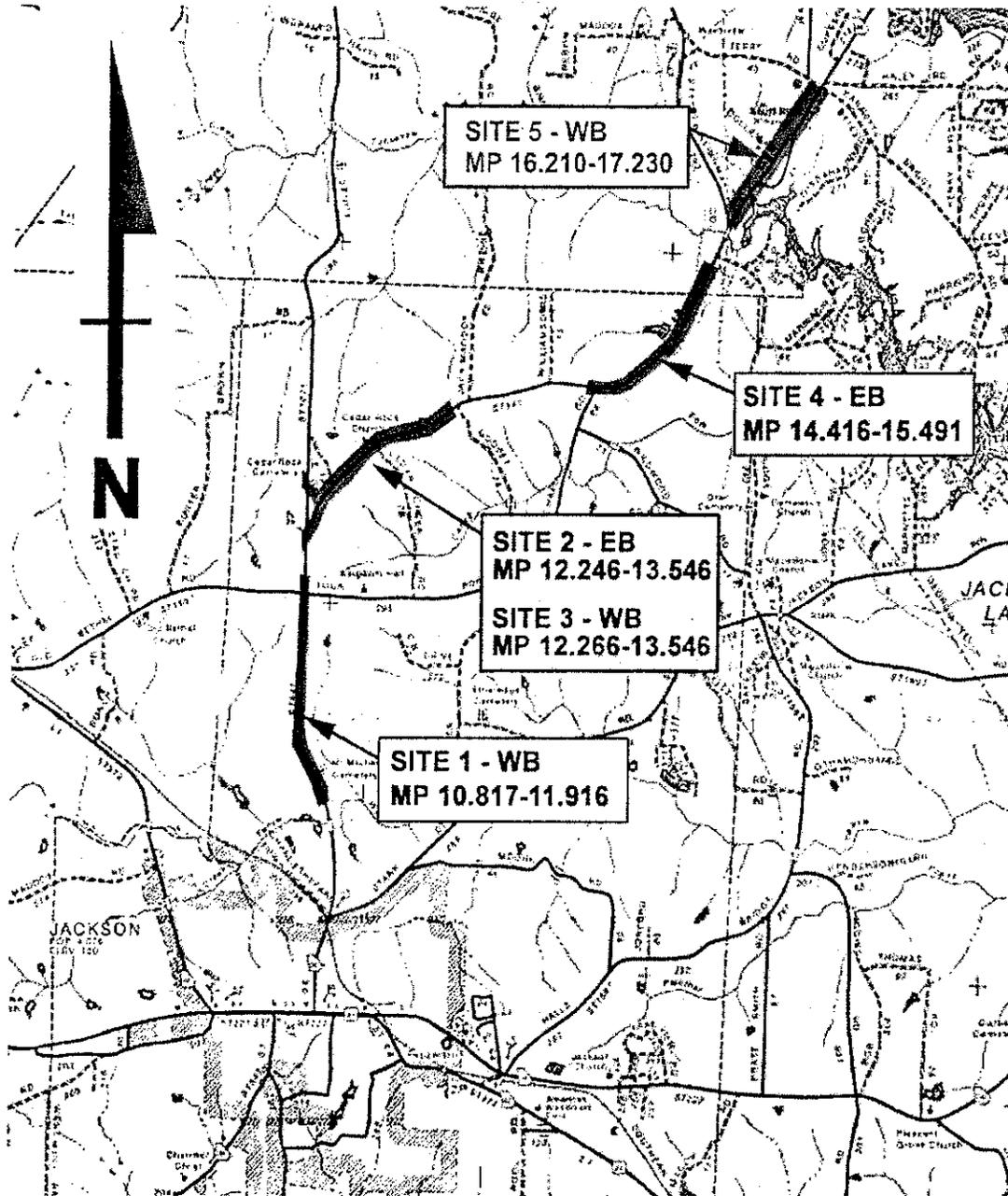
State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

Project Concept Report page 2
Project Number: STP-0000-00(479)
P.I. Number: 0000479
County: Butts

Project Location Map



Scale: NOT TO SCALE

Project: STP-0000-00(479) Butts County PI No.: 0000479
Description: SR 36 Passing Lane Project

NEED AND PURPOSE
PROJECT STP-0000-00(479) BUTTS COUNTY
P. I. NO 0000479
Passing Lanes

Background:

Project STP-0000-00(479) proposes to widen State Route (SR) 36 to provide passing lanes at five selected locations with turning bays, as needed. The proposed project will realign three intersections, Fincherville Road, Winding Way Road, and the northwestern end of CR44 to new locations on SR 36 to provide better sight distance. The proposed project was initiated by Butts County officials at the 1997 Annual STIP meeting. The proposed project would add two passing lanes per roadway on eastbound SR 36 and three passing lanes per roadway on westbound SR 36. The need of the proposed project is that the topography along SR 36 in Butts County is mostly rolling terrain and provides limited sight distance and passing opportunity. North of the City of Jackson, the entire length of SR 36 is striped as "no passing" due to limited sight distances. Year 2000 traffic volumes along this route were 5220 vehicles per day (VPD). Typically, routes with an average annual daily traffic (AADT) exceeding 2000 VPD and below 50 percent passing should be analyzed for the feasibility of constructing passing lanes.

SR 36 is a major southwest-northeast access route in Butts County. This route begins at SR 208 near Waverly Hall, Georgia and runs to I-20 in Newton County. North of Jackson, SR 36 is a two-lane roadway with limited passing opportunity. This route serves as an access route for residential and recreational developments. SR 36 provides access to Jackson Lake, one of the state's earliest reservoirs formed after the impoundment of the Ocmulgee River at Lloyd Shoals in 1910. This route also provides access to Indian Spring State Park, the oldest state park in the United States. Residents of Butts County use SR 36 for access to I-75 in the south and I-20 to the north.

SR 36 is functionally classified as a rural minor arterial through Butts County. This route is used by school buses and is not part of National Highway System. SR 36 is not included as part of Georgia Bicycle and Pedestrian Statewide Network. The percentile of truck traffic is projected at 15 percent. The proposed project would provide turn lanes and passing lanes on SR 36 at the following locations:

Direction	Proposed Turn Bay	Location of Proposed Passing Lane
W/B SR 36	Right turn - CR 295	From: north of Yellow Water To: Old Bethel Road & Four Point Road (CR 295)
E/B SR 36	Right turn - Old Bile Road (CR 12)	From: Fincherville Road (CR 290) To: Godsey Road (CR 74)
W/B SR 36	Right turn - Cedar Creek Road (CR 78)	From: Fincherville Road (CR 290) To: Godsey Road (CR 74)
E/B SR 36	Right turn - CR 68 Left turn - CR 290	From: Jim McMichael Road (CR 68) To: south of Halls Bridge Road (CR 292)

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 Project Number: STP-0000-00(479)
 P. I. Number: 0000479
 County: Butts

W/B SR 36	Right turn - CR 293	From: Winding Way Road (CR 293) To: Keys Ferry Road (CR 43)
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Operational Analysis:

Existing 2000 traffic volumes along SR 36 from Jackson's northern city limit to Butts-Newton county line were 5220 vehicles per day (VPD). Future volumes are projected to be 5700 VPD in 2007 and 11700 VPD in 2027. Level of service (LOS) is defined as a qualitative measure describing operational conditions within a traffic stream. There are six identified LOS with letters 'A' through 'F'. LOS 'A' represents the best operating conditions and LOS 'F' represents the worst. LOS 'C' is considered as acceptable and marks the beginning of a range of traffic flow in which level of driving comfort declines noticeably on the roadway. LOS 'E' represents at or near full capacity for traffic flow. LOS 'F' represents heavily congested flow with traffic demands exceeding capacity. The level of service along this corridor is currently at LOS 'C' but will drop to LOS 'E' in 2027 without the proposed improvements. Widening SR 36 as proposed, will allow it handle the projected traffic volumes and remain at an acceptable LOS for the next twenty-five years. The following table describes existing and future average daily traffic (ADT) and LOS:

State Route 36 Roadway Segment	2007 Traffic / LOS No-Build	2027 Traffic / LOS No-Build	2027 Traffic / LOS Build
Milepost 8.76(Jackson's northern city limit) to Milepost 18.19 (Butts-Newton county line)	5,700 / C	11,700 / E	11,700 / C

Projects In Area:

The following projects are located within the area and are programmed in the Department's Construction Work Program and Long Range Program:

Project Number	Project Description	Project Schedule
P I No. 333170	Bridge Replacement SR 36 over Towaliga River, 7.5 mile southwest of Jackson	PE - Auth. ROW - 2004 CST - 2005
P I No. 333171	Bridge Replacement SR 36 over Yellow Water Creek, 1 mile north of SR 42 junction	PE - Auth. ROW - 2004 CST - 2005
P I No. 333172	Bridge Replacement SR 36 over South River, at Butts-Newton county line	PE - Auth. ROW - 2004 CST - 2005
P I No. 343440	Jackson South Bypass, from SR 16 @ Bert Road to SR 16 @ Bibb Station	PE - Long Range ROW - Long Range CST - Long Range
P I No. 343450	Bridge Replacement Fincherville Road (CR 290) over Tussahaw Creek, 5 mile north of Jackson	PE - Auth. ROW - Auth.

Project Concept Report page 5
 Project Number: STP-0000-00(479)
 P. I. Number: 0000479
 County: Butts

		CST - 2002
P I No. 322440	Widening of SR 36, from SR 16 to Stark Road(CR 289) in Jackson	PE - Long Range ROW - Long Range CST - Long Range
P I No. 332360	Add Passing lanes on SR 42/US 23 at 2 locations, between Jackson and Jenkinsburg	PE - Auth. ROW - 2002 CST - 2005
P I No. 0000760	Widening of SR 16, from I-75 to Jackson	PE - Long Range ROW - Long Range CST - Long Range

Safety:

The available accident data along this section (MP 8.76 – 18.19) of SR 36 showed that the total accident and injury rates exceeded the statewide averages for a rural minor arterial in 1996, 1997 and 1998. The statewide average for fatality rate was also exceeded in 1998. The 1998 fatality rate on this section of SR 36 was more than three times the statewide average. The injury rate on this route has been consistently more than twice the statewide average from 1996 through 1998. Most of the accidents that have occurred along this route were either angle intersect or rear-end accidents. These accidents can occur as the result of poor or limited sight distance. Lack of passing opportunities, limited stopping distance or limited recovery shoulder can also be factors. Below are accident data for SR 36 and comparable statewide averages:

Year	1996		1997		1998	
	SR 36	Statewide	SR 36	Statewide	SR 36	Statewide
Accidents	29		32		25	
Accident Rate	284	224	288	210	208	190
Injuries	20		20		22	
Injury Rate	196	79	180	74	183	68
Fatalities	0		0		1	
Fatality Rate	0	2.42	0	2.54	8.32	2.66

Need and Purpose:

Providing the passing lanes will increase the operational capacity and safety on this section of the roadway by reducing congestion caused by queuing behind slower moving vehicles. The proposed improvements would provide a safer driving environment by increasing dedicated passing opportunities from zero to 36 percent in each direction. Construction of turn lanes would enable separation of through and turning movements into dedicated lanes.

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Project Number: STP-0000-00(479)
P. I. Number: 0000479
County: Butts

Description of the proposed project:

The proposed total length of construction is 4.50 miles. The project is located in northern Butts County. The proposed project will widen State Route 36 from two existing lanes to three lanes at segments 1, 4, and 5. Segments 2 and 3 will be four lanes including passing lanes in each direction.

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 Arterial

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

State Route Number(s): SR-36

Traffic (AADT):

Current Year: (2007) 5700

Design Year: (2027) 11700

K = 10%

D = 60%

T = 13%

24 hr T = 15%

Existing design features:

- Typical Section:
 - Two 12 ft. lanes with rural type shoulders.
- Posted speed: 55 mph
- Maximum degree of curvature: 4°00'
- Maximum grade: 4.62%
- Width of right of way: 100'
- Major intersections along the project: Old Bethel Road and Four Points Road (CR295), Fincherville Road (CR290), Cedar Creek Road (CR78), Jim McMichael Road (CR68), Godsey Road (CR74), Winding Way Road (CR 293), and Keys Ferry Road (CR 43). The existing length of roadway segment is 6.46 miles. The beginning mile log is 10.817 and the ending mile log is 17.230.

Proposed Design Features:

- **Proposed typical section(s):** Retain existing pavement and widen with a 12' lane to create a passing lane. The shoulders on both sides of the roadway will be upgraded to a width of 10', 2' of which will be paved. A section of site 4 will contain a new alignment constructed with full depth pavement for two 12' travel lanes and one 12' passing lane. Site 5 will contain a section of existing roadway

at the structure at Jackson Lake that will be reconstructed to correct the pavement deterioration.

- **Proposed Design Speed Mainline:** 55 mph
- **Proposed Maximum grade Mainline:** 4.5%
- **Maximum grade allowable:** 5 %
- **Proposed Maximum degree of curve:** 4°00'
- **Maximum degree allowable:** 6°00'
- **Comply with clear zone minimum**
- **Right of way**
 - **Width:** 150 ft
 - **Easements:** Temporary (X), Permanent (), Utility (), Other ()
 - **Type of access control:** Full (), Partial (), By Permit (X), Other ()
 - **Number of parcels:** 87 **Number of displacements:** 0
- **Structures:**
 - Bridges – None
 - Retaining walls – None anticipated.
 - Culverts- Possible Culvert Extension
- **Traffic control during construction:** Traffic shall be maintained on all roads through the use of staged construction.

Design Exceptions to controlling criteria anticipated: Design exceptions are a consideration for vertical grades and stopping sight distance.

	UNDETERMINED	YES	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	(X)	()
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	(X)	()
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)

- **Design Variances:** None expected
- **Environmental concerns:** To be determined by GDOT. Do not anticipate any UST or hazardous waste. See attached summary of historical survey for potential historical impacts.
- **Level of environmental analysis:** *ANTICIPATED*
 - Are Time Saving Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or

Project Concept Report page 8
Project Number: STP-0000-00(479)
P. I. Number: 0000479
County: Butts

- Environmental Impact Statement (EIS) ().
- **Utility involvement:** Power, Water, Gas, Telephone and Cable Television.

Project responsibilities:

- Design – Not determined
- Right of Way Acquisition – GDOT
- Relocation of Utilities - GDOT
- Letting to contract - GDOT
- Supervision of construction – GDOT
- Providing Material Pits – GDOT
- Providing Detours – N/A

Coordination

- Initial Concept Meeting date and brief summary- July 23,2001
- Concept meeting date and brief summary-September 10, 2001
- P. A. R. meetings, dates and results-not applicable
- Permits Required-404 permit
- FEMA, USCG, and/or TVA-not anticipated
- Public involvement-not anticipated because a minor project
- Local government comments-none at this time
- Coordination required with Georgia Power Company and Federal Energy Regulatory Commission.
- Railroad - 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: 3 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: 9 Months
- List other major items that will affect the project schedule: 0 Months

- **Alternates considered:**
 - A) No Build
 - B) Widen to one side
 - C) Widen symmetrically

● **Comments:**

- A) No Build - Does not solve horizontal and vertical sight distance

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County: Butts

problems preventing passing of slower moving vehicles.

- B) Widen to one side – This alternate was chosen, because of ease of construction and maintenance of traffic flow.
- C) Widen symmetrically – Would be difficult to construct six additional feet on each side and maintain traffic flow.

Attachments:

1. Cost Estimate
2. Typical Section
3. Concept Team Meeting Minutes
4. Summary of Historical Survey
5. Notice of Location and Design Approval

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)
SITE I

Estimate Summary

A. Right-of-Way	<u>\$599,006</u>
B. Utilities	
1. Reimbursable Utilities	<u>\$8,600.00</u>
2. Non Reimbursable Utilities	<u>\$148,000.00</u>
C. Construction	
1. Major Structures	<u>\$0.00</u>
2. Grading and Drainage	<u>\$141,800.00</u>
3. Base and Paving	<u>\$285,421.00</u>
4. Lump Items	<u>\$99,950.00</u>
5. Miscellaneous	<u>\$33,388.00</u>
6. Special Features	<u>\$0.00</u>
Subtotal Construction Cost	<u><u>\$560,559.00</u></u>
E & C (10%)	<u>\$56,055.90</u>
Inflation (5% per year @ 2 years)	<u>\$57,457.30</u>
Total Construction Cost	\$674,072.20
TOTAL COST SITE I	<u><u>\$1,429,677.94</u></u>

**PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)**

Preliminary Cost Estimate

Date: July 31 2001
Project No. : STP-0000-00(479)
P.I. No. 0000479

Prepared By: The LPA Group, Inc.

Length: 5700 ft 1.10 Miles

Project Description: Site IV
Proposed Concept: The concept for project STP-0000-00(479)-Segment IV- is to construct a west bound passing lane
Proposed Bridge Length: 0 ft Width: 0.00 ft

Existing Roadway: State Route 36

Traffic: Existing: 5700 ADT (2007) Design: 11400 ADT (2027)

A. Right-of-Way

1. Property (Land & Easement)	(6.66 acres @ \$64,200 acre)	<u>\$427,572</u>
2. Displacements; Res: 0, Bus: 0, M.H.: 0		<u>\$0</u>
3. Other Cost (Adm./Cost, Inflation)	6.66 acres @ \$20,286 acre	<u>\$135,105</u>
	Subtotal: A	<u>\$562,677</u>

B. Utilities

1. Reimbursable Utilities		
a. Railroad;	(None)	\$0
b. Electric;	Central Georgia EMC	\$8,400
c. Services;	(None)	\$0
	Subtotal: B-1	<u>\$8,400</u>

2. Non Reimbursable Utilities		
a. Water & Sewer;	Butts County Water	\$83,000
b. Tele - Comm;	BellSouth	\$62,000
	Subtotal: B-2	<u>\$145,000</u>

C. Construction:

1. Major Structures		
a. Retaining Walls;	(None)	\$0
b. Bridges;	(0 sft @ \$65 sft)	<u>\$0</u>
c. Box Culverts;	Extend 7'x7'x50'	<u>\$13,850</u>
d. Removal of existing bridge;		<u>\$0</u>
	Subtotal: C-1	<u>\$13,850</u>

2. Grading and Drainage:		
a. Earthwork;	(30,000 cy @ \$4 cy)	<u>\$120,000</u>
b. Drainage;		
1) Drainage Pipe (exclude box culverts)		<u>\$32,000</u>
2) Curb and Gutter	(None - Rural)	<u>\$0</u>
3) Longitudinal System (include catch basins)	(None - Rural)	<u>\$0</u>
	Subtotal: C-2	<u>\$152,000</u>

3. Base and Paving		
a. Aggregate Base;	(13,705 syd @ \$12 syd)	<u>\$164,460</u>
b. Asphalt Paving;		
1) Surface	(1,200 tons @ \$47 tn)	<u>\$56,400</u>
2) Binder	(3,100 tons @ \$47 tn)	<u>\$145,700</u>
3) Base	(180 tons @ \$45 tn)	<u>\$8,100</u>
c. Concrete Paving;	(0 syd @ \$100 syd)	<u>\$0</u>
d. Other;		<u>\$0</u>
	Subtotal: C-3	<u>\$374,660</u>

**PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)**

Preliminary Cost Estimate

4. Lump Items:

a. Traffic Control;	(Lump Sum @)	\$60,000
b. Clearing & Grubbing;	(9.30 acres @ \$3,035 acre)	\$28,000
c. Landscaping;	(0.00 acres @ \$711 acre)	\$0
d. Erosion Control;	(Lump Sum @)	\$35,000
e. Detours;	(included in const. Quantities)	\$0
Subtotal: C-4		\$123,000

5. Miscellaneous:

a. Lighting;	(None)	\$0
b. Striping - (5 in yellow);	22800 ft @ \$0.50 ft)	\$11,400
c. Striping - (5 in yellow) Brok	1425 ft @ \$0.50 ft)	\$713
d. Guardrail		\$20,000
e. Sidewalk - Median Barrier;	(None)	\$0
Subtotal: C-5		\$32,113

6. Detours

a. Detour Bridges	0 sft @ \$40.00 sft	\$0
b. Earthwork	0 cy @ \$4.00 cy	\$0
c. GAB	0 syd @ \$12.00 syd	\$0
d. Surface	0 tons @ \$47.00 tn	\$0
e. Binder	0 tons @ \$47.00 tn	\$0
f. Clearing & Grubbing		\$0
g. Landscaping		\$0
h. Erosion Control		\$0
i. Signing & Striping		\$0
Subtotal: C-6		\$0

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)

Preliminary Cost Estimate

Date: July 31 2001
 Project No. : STP-0000-00(479)
 P.I. No. 0000479

Prepared By: The LPA Group, Inc.

Length: 7000 ft 1.30 Miles

Project Description: SITE II&III Proposed Bridge Length: 0 ft Width: 0.00 ft
 Proposed Concept: The concept for project STP-0000-00(479)-Sites II&III- is to construct east and west bound passing lanes

Existing Roadway: State Route 36

Traffic: Existing: 5700 ADT (2007) Design: 11400 ADT (2027)

A. Right-of-Way

1. Property (Land & Easement)	(11.39 acres	@ \$64,200 acre)	<u>\$731,238</u>
2. Displacements; Res: 0, Bus: 0, M.H.: 0			<u>\$0</u>
3. Other Cost (Adm./Cost, Inflation)	11.39 acres	@ \$20,286 acre	<u>\$231,058</u>
			Subtotal: A <u>\$962,296</u>

B. Utilities

1. Reimbursable Utilities			
a. Railroad	(None)		\$0
b. Electric	Central Georgia EMC		\$10,200
c. Services:	(None)		\$0
			Subtotal: B-1 <u>\$10,200</u>
2. Non Reimbursable Utilities			
a. Water & Sewer;	Butts County Water		\$100,300
b. Tele - Comm;	BellSouth		\$74,700
			Subtotal: B-2 <u>\$175,000</u>

C. Construction:

1. Major Structures			
a. Retaining Walls;	(None)		\$0
b. Bridges;	(0 sft	@ \$65 sft)	<u>\$0</u>
c. Box Culverts;	(None)		<u>\$0</u>
d. Removal of existing bridge;			<u>\$0</u>
			Subtotal: C-1 <u>\$0</u>
2. Grading and Drainage:			
a. Earthwork;	(35,000 cy	@ \$4 cy)	<u>\$140,000</u>
b. Drainage;			
1) Drainage Pipe (exclude box culverts)			<u>\$20,000</u>
2) Curb and Gutter		(None - Rural)	<u>\$0</u>
3) Longitudinal System (include catch basins)		(None - Rural)	<u>\$0</u>
			Subtotal: C-2 <u>\$160,000</u>
3. Base and Paving			
a. Aggregate Base;	(26,500 syd	@ \$12 syd)	<u>\$318,000</u>
b. Asphalt Paving;			
1) Surface	(2,100 tons	@ \$47 tn)	<u>\$98,700</u>
2) Binder	(5,610 tons	@ \$47 tn)	<u>\$263,670</u>
3) Base	(0 tons	@ \$45 tn)	<u>\$0</u>
c. Concrete Paving;	(0 syd	@ \$100 syd)	<u>\$0</u>
d. Other;			<u>\$0</u>
			Subtotal: C-3 <u>\$680,370</u>

**PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)**

Preliminary Cost Estimate

4. Lump Items:

a. Traffic Control;	(Lump Sum @)	<u>\$70,000</u>
b. Clearing & Grubbing;	(9.64 acres @ \$3,035 acre)	<u>\$30,000</u>
c. Landscaping;	(0.00 acres @ \$711 acre)	<u>\$0</u>
d. Erosion Control;	(Lump Sum @)	<u>\$45,000</u>
e. Detours;	(included in const. Quantities)	<u>\$0</u>
Subtotal: C-4		\$145,000

5. Miscellaneous:

a. Lighting;	(None)	<u>\$0</u>
b. Striping - (5 in yellow);	28000 ft @ \$0.50 ft)	<u>\$14,000</u>
c. Striping - (5 in yellow) Brok	3500 ft @ \$0.50 ft)	<u>\$1,750</u>
d. Guardrail		<u>\$20,000</u>
e. Sidewalk - Median Barrier;	(None)	<u>\$0</u>
Subtotal: C-5		\$35,750

6. Detours

a. Detour Bridges	0 sft @ \$40.00 sft	<u>\$0</u>
b. Earthwork	0 cy @ \$4.00 cy	<u>\$0</u>
c. GAB	0 syd @ \$12.00 syd	<u>\$0</u>
d. Surface	0 tons @ \$47.00 tn	<u>\$0</u>
e. Binder	0 tons @ \$47.00 tn	<u>\$0</u>
f. Clearing & Grubbing		<u>\$0</u>
g. Landscaping		<u>\$0</u>
h. Erosion Control		<u>\$0</u>
i. Signing & Striping		<u>\$0</u>
Subtotal: C-6		\$0

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)
SITE II AND III
Estimate Summary

A. Right-of-Way	<u>\$962,296</u>
B. Utilities	
1. Reimbursable Utilities	<u>\$10,200.00</u>
2. Non Reimbursable Utilities	<u>\$175,000.00</u>
C. Construction	
1. Major Structures	<u>\$0.00</u>
2. Grading and Drainage	<u>\$160,000.00</u>
3. Base and Paving	<u>\$680,370.00</u>
4. Lump Items	<u>\$145,000.00</u>
5. Miscellaneous	<u>\$35,750.00</u>
6. Special Features	<u>\$0.00</u>
Subtotal Construction Cost	<u><u>\$1,021,120.00</u></u>
E & C (10%)	<u>\$102,112.00</u>
Inflation (5% per year @ 2 years)	<u>\$104,664.80</u>
Total Construction Cost	\$1,227,896.89
TOTAL COST SITE II & III	<u><u>\$2,375,392.43</u></u>

**PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)**

Preliminary Cost Estimate

Date: July 31 2001
Project No. : STP-0000-00(479)
P.I. No. 0000479

Prepared By: The LPA Group, Inc.

Length: 5385 ft 1.00 Miles

Project Description: Site V Proposed Bridge Length: 0 ft Width: 0.00 ft
Proposed Concept: The concept for project STP-0000-00(479)-SiteV is to construct a west bound passing lane

Existing Roadway: State Route 36

Traffic: Existing: 5700 ADT (2007) Design: 11400 ADT (2027)

A. Right-of-Way

1. Property (Land & Easement)	(9.96 acres @ \$64,200 acre)	<u>\$639,432</u>
2. Displacements; Res: 0, Bus: 0, M.H.: 0		<u>\$0</u>
3. Other Cost (Adm./Cost, Inflation)	9.96 acres @ \$20,286 acre	<u>\$202,049</u>
	Subtotal: A	<u>\$841,481</u>

B. Utilities

1. Reimbursable Utilities		
a. Railroad	(None)	\$0
b. Electric;	Central Georgia EMC	\$8,050
c. Services;	(None)	\$0
	Subtotal: B-1	<u>\$8,050</u>
2. Non Reimbursable Utilities		
a. Water & Sewer;	Butts County Water	\$79,000
b. Tele - Comm;	BellSouth	\$59,000
	Subtotal: B-2	<u>\$138,000</u>

C. Construction:

1. Major Structures		
a. Retaining Walls;	(None)	<u>\$0</u>
b. Bridges;	(0 sft @ \$65 sft)	<u>\$0</u>
c. Box Culverts;	(None)	<u>\$0</u>
d. Removal of existing bridge;		<u>\$0</u>
	Subtotal: C-1	<u>\$0</u>
2. Grading and Drainage:		
a. Earthwork;	(30,000 cy @ \$4 cy)	<u>\$120,000</u>
b. Drainage;		
1) Drainage Pipe (exclude box culverts)		<u>\$25,000</u>
2) Curb and Gutter	(None - Rural)	<u>\$0</u>
3) Longitudinal System (include catch basins)	(None - Rural)	<u>\$0</u>
	Subtotal: C-2	<u>\$145,000</u>
3. Base and Paving		
a. Aggregate Base;	(10,770 syd @ \$12 syd)	<u>\$129,240</u>
b. Asphalt Paving;		
1) Surface	(906 tons @ \$47 tn)	<u>\$42,582</u>
2) Binder	(2,417 tons @ \$47 tn)	<u>\$113,599</u>
3) Base	(0 tons @ \$45 tn)	<u>\$0</u>
c. Concrete Paving;	(0 syd @ \$100 syd)	<u>\$0</u>
d. Other;		<u>\$0</u>
	Subtotal: C-3	<u>\$285,421</u>

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)

Preliminary Cost Estimate

4. Lump Items:

a. Traffic Control;	(Lump Sum @	)	<u>\$50,000</u>
b. Clearing & Grubbing;	(7.23 acres @ \$3,035 acre)		<u>\$21,950</u>
c. Landscaping;	(0.00 acres @ \$711 acre)		<u>\$0</u>
d. Erosion Control;	(Lump Sum @	)	<u>\$28,000</u>
e. Detours;	(included in const. Quantaties)		<u>\$0</u>
Subtotal: C-4			\$99,950

5. Miscellaneous:

a. Lighting;	(None)		<u>\$0</u>
b. Striping - (5 in yellow);	25200 ft @ \$0.50 ft)		<u>\$12,600</u>
c. Striping - (5 in yellow) Brok	1575 ft @ \$0.50 ft)		<u>\$788</u>
d. Guardrail			<u>\$20,000</u>
e. Sidewalk - Median Barrier;	(None)		<u>\$0</u>
Subtotal: C-5			\$33,388

6. Detours

a. Detour Bridges	0 sft @ \$40.00 sft		<u>\$0</u>
b. Earthwork	0 cy @ \$4.00 cy		<u>\$0</u>
c. GAB	0 syd @ \$12.00 syd		<u>\$0</u>
d. Surface	0 tons @ \$47.00 tn		<u>\$0</u>
e. Binder	0 tons @ \$47.00 tn		<u>\$0</u>
f. Clearing & Grubbing			<u>\$0</u>
g. Landscaping			<u>\$0</u>
h. Erosion Control			<u>\$0</u>
i. Signing & Striping			<u>\$0</u>
Subtotal: C-6			\$0

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)
SITE IV
Estimate Summary

A. Right-of-Way	<u>\$562,677</u>
B. Utilities	
1. Reimbursable Utilities	<u>\$8,400.00</u>
2. Non Reimbursable Utilities	<u>\$145,000.00</u>
C. Construction	
1. Major Structures	<u>\$13,850.00</u>
2. Grading and Drainage	<u>\$152,000.00</u>
3. Base and Paving	<u>\$374,660.00</u>
4. Lump Items	<u>\$123,000.00</u>
5. Miscellaneous	<u>\$32,113.00</u>
6. Special Features	<u>\$0.00</u>
Subtotal Construction Cost	<u><u>\$695,623.00</u></u>
E & C (10%)	<u>\$69,562.30</u>
Inflation (5% per year @ 2 years)	<u>\$71,301.36</u>
Total Construction Cost	\$836,486.66
TOTAL COST SITE IV	<u><u>\$1,552,563.42</u></u>

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)

Preliminary Cost Estimate

Date: July 31 2001
 Project No. : STP-0000-00(479)
 P.I. No. 0000479

Prepared By: The LPA Group, Inc.

Length: 5800 ft 1.10 Miles

Project Description: Site I

Proposed Bridge Length: 0 ft Width: 0.00 ft

Proposed Concept: The concept for project STP-0000-00(479)-Site I- is to construct an east bound passing lane

Existing Roadway: State Route 36

Traffic: Existing: 5700 ADT (2007)

Design: 11400 ADT (2027)

A. Right-of-Way

1. Property (Land & Easement)	(	7.09 acres	@ \$64,200 acre)	\$455,178
2. Displacements; Res: 0, Bus: 0, M.H.: 0				\$0
3. Other Cost (Adm./Cost, Inflation)		7.09	@ \$20,286 acre	\$143,828
				Subtotal: A \$599,006

B. Utilities

1. Reimbursable Utilities				
a. Railroad	(None)			\$0
b. Electric	Central Georgia EMC			\$8,600
c. Services:	(None)			\$0
				Subtotal: B-1 \$8,600

2. Non Reimbursable Utilities				
a. Water & Sewer;	Butts County Water			\$84,800
b. Tele - Comm;	BellSouth			\$63,200
				Subtotal: B-2 \$148,000

C. Construction:

1. Major Structures				
a. Retaining Walls;	(None)			\$0
b. Bridges;	(	0 sft	@ \$65 sft)	\$0
c. Box Culverts;	(None)			\$0
d. Removal of existing bridge;				\$0
				Subtotal: C-1 \$0

2. Grading and Drainage:				
a. Earthwork;	(	30,000 cy	@ \$4 cy)	\$120,000
b. Drainage;				
	1) Drainage Pipe (exclude box culverts)			\$21,800
	2) Curb and Gutter		(None - Rural)	\$0
	3) Longitudinal System (include catch basins)		(None - Rural)	\$0
				Subtotal: C-2 \$141,800

3. Base and Paving				
a. Aggregate Base;	(	10,770 syd	@ \$12 syd)	\$129,240
b. Asphalt Paving;				
	1) Surface	(	906 tons @ \$47 tn)	\$42,582
	2) Binder	(	2,417 tons @ \$47 tn)	\$113,599
	3) Base	(	0 tons @ \$45 tn)	\$0
c. Concrete Paving;	(	0 syd	@ \$100 syd)	\$0
d. Other;				\$0
				Subtotal: C-3 \$285,421

**PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)**

Preliminary Cost Estimate

4. Lump Items:

a. Traffic Control;	(Lump Sum @)	\$50,000
b. Clearing & Grubbing;	(7.23 acres @ \$3,035 acre)	\$21,950
c. Landscaping;	(0.00 acres @ \$711 acre)	\$0
d. Erosion Control;	(Lump Sum @)	\$28,000
e. Detours;	(included in const. Quantities)	\$0
	Subtotal: C-4	\$99,950

5. Miscellaneous:

a. Lighting;	(None)	\$0
b. Striping - (5 in yellow);	25200 ft @ \$0.50 ft)	\$12,600
c. Striping - (5 in yellow) Brok	1575 ft @ \$0.50 ft)	\$788
d. Guardrail		\$20,000
e. Sidewalk - Median Barrier;	(None)	\$0
	Subtotal: C-5	\$33,388

6. Detours

a. Detour Bridges	0 sft @ \$40.00 sft	\$0
b. Earthwork	0 cy @ \$4.00 cy	\$0
c. GAB	0 syd @ \$12.00 syd	\$0
d. Surface	0 tons @ \$47.00 tn	\$0
e. Binder	0 tons @ \$47.00 tn	\$0
f. Clearing & Grubbing		\$0
g. Landscaping		\$0
h. Erosion Control		\$0
i. Signing & Striping		\$0
	Subtotal: C-6	\$0

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)
SITE V
Estimate Summary

A. Right-of-Way \$841,481

B. Utilities

1. Reimbursable Utilities \$8,050.00

2. Non Reimbursable Utilities \$138,000.00

C. Construction

1. Major Structures \$0.00

2. Grading and Drainage \$145,000.00

3. Base and Paving \$285,421.00

4. Lump Items \$99,950.00

5. Miscellaneous \$33,388.00

6. Special Features \$0.00

Subtotal Construction Cost \$563,759.00

E & C (10%) \$56,375.90

Inflation (5% per year @ 2 years) \$57,785.30

Total Construction Cost \$674,072.20

TOTAL COST SITE V \$1,661,602.76

PROJECT CONCEPT REPORT
PROJECT NUMBER STP-0000-00(479)
GRAND TOTAL
Estimate Summary

A. Right-of-Way \$2,965,459

B. Utilities

1. Reimbursable Utilities	<u>\$35,250.00</u>
2. Non Reimbursable Utilities	<u>\$606,000.00</u>

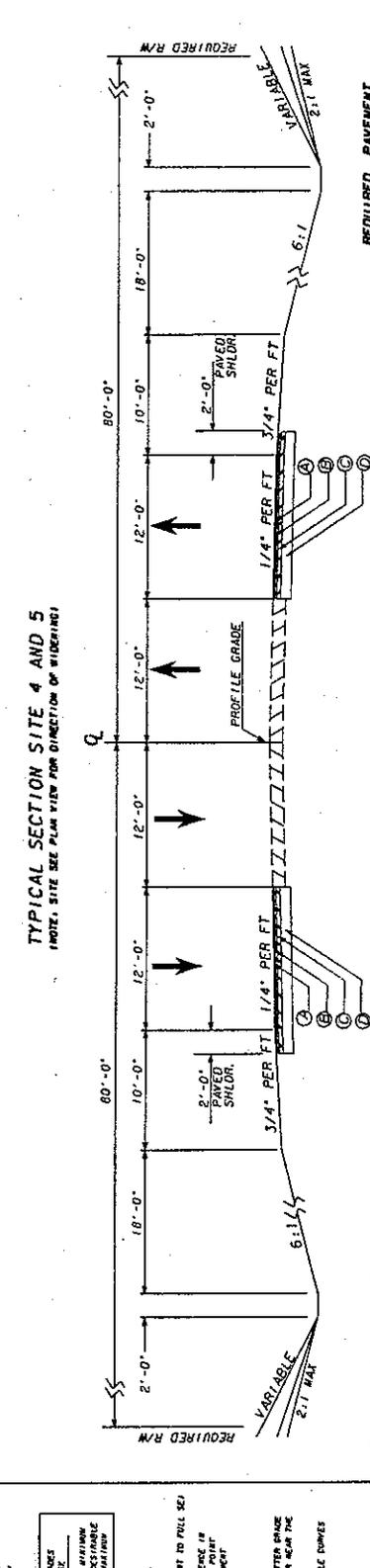
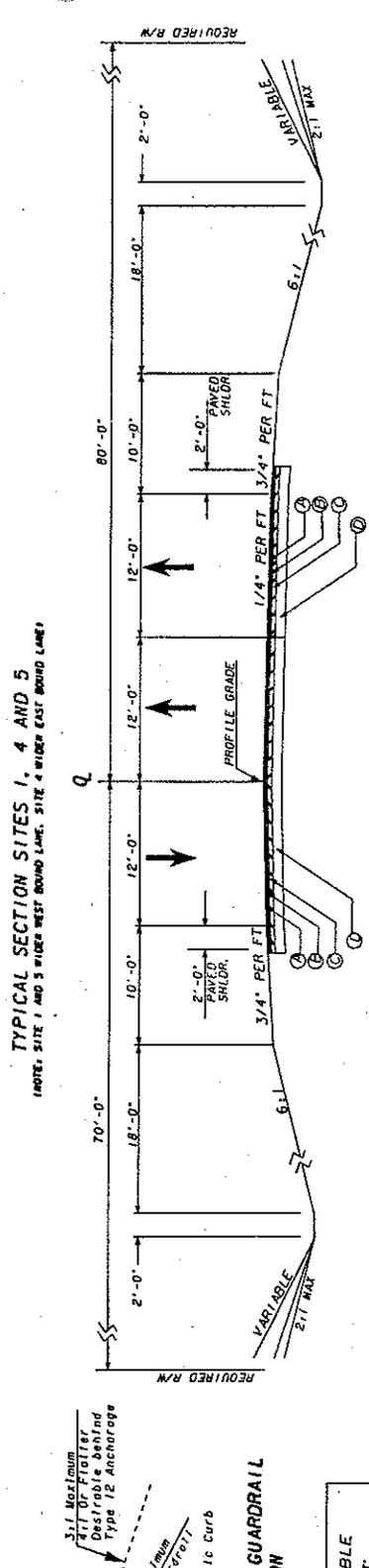
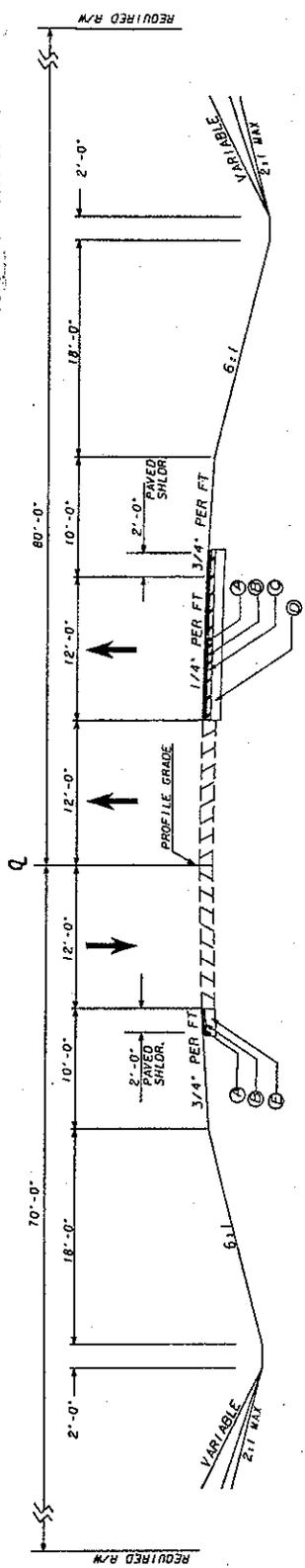
C. Construction

1. Major Structures	<u>\$13,850.00</u>
2. Grading and Drainage	<u>\$453,800.00</u>
3. Base and Paving	<u>\$1,340,451.00</u>
4. Lump Items	<u>\$395,950.00</u>
5. Miscellaneous	<u>\$121,251.00</u>
6. Special Features	<u>\$0.00</u>
Subtotal Construction Cost	<u><u>\$2,325,302.00</u></u>
E & C (10%)	<u>\$232,530.20</u>
Inflation (5% per year @ 2 years)	<u>\$238,343.46</u>

Total Construction Cost \$3,416,376.10

GRAND TOTAL PROJECT COST \$7,023,084.70

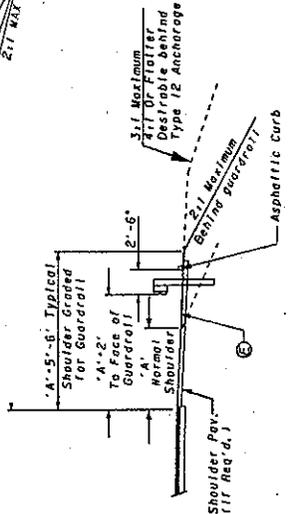
This project is 100 percent in congressional district 10.



- REQUIRED PAVEMENT**
- Ⓐ 12.5mm SUPERPAVE @ 165 lb/5y
 - Ⓑ 19mm SUPERPAVE @ 220 lb/5y
 - Ⓒ 25mm SUPERPAVE @ 440 lb/5y
 - Ⓓ GRADED AGGREGATE BASE, 10"
 - Ⓔ ASPHALT AGG. BASE @ 600 LB/5Y

VARIABLE	
SLOPE CONTROLS	
SLOPE FILL	CUT
4:1	0-10.0'
2:1	OVER 10.0'

'REQ'D GUARDRAIL



TYPICAL SHOULDER DETAIL FOR GUARDRAIL
 SEE PLAN FOR LOCATION

ALLOWABLE RANGES TABLE
 FOR THIS PROJECT, CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT" EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS.

SECTION WITH GRANDES	SECTION WITH GRANDES
0.0150 F1/F11 - MAXIMUM	0.0150 F1/F11 - MAXIMUM
0.0080 F1/F11 - DESIRABLE	0.0080 F1/F11 - DESIRABLE
0.0030 F1/F11 - MAXIMUM	0.0030 F1/F11 - MAXIMUM

SUPERELEVATION RATE
 S.F. RATE SHOWN IN PLANS OR AS RATE EXISTING IN FIELD.
 WHICHEVER IS GREATER.

SUPERELEVATION TRANSITION LENGTH - LENGTH FROM FLAT POINT TO FULL SET

PAVE BY CHANGE	COMPROLLED DIFFERENCE IN SURFACE ELEVATION BETWEEN FLAT AND EDGE OF PAVEMENT
MINIMUM 1-158	0.42%
MAXIMUM 1-206	0.32%

LENGTH SHALL BE SET TO MEET CRITERIA 1. PLACE OUTER EDGE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVE.

POSTING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

SIZE OF TRANSITION INSIDE CURVE - MAXIMUM	SIZE OF TRANSITION INSIDE CURVE - MINIMUM
MINIMUM 1-158	0.42%
MAXIMUM 1-206	0.32%

NOTE: CURVE RISE SHALL BE AT THE SAME RATE AS THE SE TRANSITION.

BOUNDARIES OF AREAS IN EDGE PROFILES AT BEGIN AND END OF TRANSITION SHALL BE COMPLETED BY VERTICAL CURVE WITH A MINIMUM LEADIN 1' IN FEET TO THE SPEED DESIGN (IN MPH).

- TYPICAL SECTION NOTES:**
- ① FOR SUPERELEVATION RATES AND LOCATIONS SEE ROADWAY PLANS
 - ② LOCATION OF EXISTING PAVEMENT VARIES WITH RESPECT TO THE PROPOSED CONSTRUCTION CENTERLINE

THE LPA GROUP
 TRANSPORTATION CONSULTANTS
 3395 ERMINGHAM DRIVE
 ATLANTA, GA 30328-1118

DATE	REVISIONS	DATE	REVISIONS

**MEETING MINUTES
FOR
S. R. 36 Concept Team Meeting**

**STP-0000-00(479)
P.I. 0000479**

**September 10, 2001
9:00 A.M. @ District 3 Signal Shop**

Attendees:	Debra Benton, GDOT	J.D. Stallings, GDOT
	Tommy Cleveland, GDOT	Ronny Stubbs, GDOT
	Chuck Coogler, GDOT	Geraldine Trice, GDOT
	Jack Reed, GDOT	Kerrie Boyette, Wolverton
	Kerry Gore, GDOT	Joe Macrina, Wolverton
	Thomas B. Howell, GDOT	Wayne Sorrow, Wolverton
	John Moretto, GDOT	Ken Colquitt, Bellsouth
	Katie Mullins, GDOT	Jerry Wylie, Georgia Power
	Tom Queen, GDOT	Danny Godwin, LPA
	Robert Reid, GDOT	Chris Lacy, LPA
	Bill Roundtree, GDOT	Beth Ann Marks, LPA

The following is a summarization of the minutes and decisions made at the aforementioned meeting.

Utility Concerns

1. BellSouth stated that their utility station on Four Points Road may be affected by construction. The GDOT will be responsible for all costs associated with the relocation of the utility station. After review of the plan view, it does not appear that construction will affect the utility station at Four Points Road. No other major utility conflicts are anticipated at this time.
2. Mr. Kerry Gore stated the cost estimates for utility relocation are currently being prepared and will be submitted.

Need and Purpose Statement

1. Planning department will be responsible for submitting a need and purpose statement that will be included in the concept report. A representative from the planning department was not present at this meeting.

Right of Way

1. Ronny Stubbs stated that the preliminary right of way cost estimates as shown in the concept report was satisfactory.
2. Required right of way will be used within the project corridor. Construction easements will typically not be used within the project corridor.

Typical Section

1. Slopes will be upgraded on both sides to 6:1 not 4:1.

Environmental Assessment

1. A wetland and historical site investigation will be completed by the GDOT.
2. Underground storage tanks have not been found within the project corridor.

Improving Existing Conditions at Jackson Lake

1. At the request of Mr. Thomas Howell, the GDOT will hold a field review to determine if work to improve the failing slopes and pavement structure of SR 36 north of the current project limits will be included in this project. GDOT will notify the consultants if the lake slope reconstruction will be added to this project scope after their field meeting.

Concept Report

At the request of the GDOT the concept report will be modified to include the following items.

- The traffic data to include the 24hr. T, K, and D.
- The status of the S.R. 36 at Yellow Water Creek project will be investigated by the LPA Group to determine the current status of this project, and if construction coordination will be required.
- The GDOT has not entered into a contract at the present time for design services for this project.

cc: AT258511.1a and CR258511.1a
Fred Kicklighter, LPA
Tom Montgomery, LPA
Mike Hosey, Public Works Butts Country
Tom Turner, GDOT
Marion Waters, GDOT
Marta Rosen, GDOT
Herman Griffin, GDOT
Jeff Baker, GDOT

Harvey Keepler, GDOT
Harvey Booker, GDOT
David Mulling, GDOT
David Millen, GDOT
Keith Rohling, GDQT
Lamar Pruitt, GDOT
Mitch Britt, GDOT
Area Engineer
FHWA

NOTICE OF LOCATION AND DESIGN APPROVAL

**BRST-0000-00(479), Butts County
P. I. No. 0000479**

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

Date of Location Design Approval: JANUARY 16, 2002

This project is the addition of passing lanes to SR 36 in northern Butts County. The project lies entirely within Butts County and within GMD 612 and 616 and Land Lot 120, 121, 136, 137, 152, 153, 168, 185, 186, 189, 195, 196, 197, 198, 199, 200, 218, 221, 222, 227, 228, 229, 254, 255, 256, and 257.

This project's improvements include construction of a westbound passing lane from north of Yellow Water Creek (mile post 10.817) northerly to Old Bethel Road (CR 295) and Four Points Road (CR295) (mile post 11.916), east and west bound passing lanes from Fincherville Road (CR 290) (mile post 12.246) northeasterly to near Godsey Road (CR 74) (mile post 13.546), an eastbound passing lane from 800 feet east of Jim McMichael Road (CR 68) (mile post 14.416) northeasterly to mile post 15.491 south of Halls Bridge Road (CR 292). The horizontal and vertical alignment will be improved in this section. The last section includes construction of a westbound passing lane from Winding Way Road (CR293) mile post 16.206 to Keys Ferry Road (CR 43) mile post 17.230.

Drawings of maps or plats of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation:

Marc Mastronardi
marc.mastronardi@dot.state.ga.us
1001 Highway 19 South
Griffin, GA 30223
(770) 228-7205

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 notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.

Summary of Historical Survey

STP-0000-00(479), Butts County, PI0000479

Concept for SR 36 Passing Lanes

November 2001

Research by Phillip Mark, GDOT Historian

SITE 1

Phillip Randolph Cook – Approximate Station 142+00 to 144+00 – Property over 50 years in age but Mr. Mark does not believe it would be eligible for historical classification and SHPO has not evaluated

The passing lane taper is proposed on the westside of SR 36 and the parcel is located on the eastside. On the eastside, the existing shoulder is proposed to be upgraded to a 10 foot shoulder. From the existing edge of pavement to the existing right of way is approximately 20 feet. Depending on the profile grade, the shoulder may be constructed within the existing right of way.

Owner Unknown – Approximate Station 156+00 to 160+00- Property over 50 years in age, but Mr. Mark does not believe it would be eligible for historical classification and SHPO has not evaluated

The passing lane taper is proposed on the westside of SR 36 and the parcel is located on the eastside. On the eastside, the existing shoulder is proposed to be upgraded to a 10 foot shoulder. From the existing edge of pavement to the existing right of way is approximately 20 feet. Depending on the profile grade, the shoulder may be constructed within the existing right of way.

William B. Jones – Approximate Station 139+00 to 169+00 – Property over 50 years in age and Mr. Mark does believe the property will be eligible for historical classification.

The passing lane is proposed on the westside of SR 36, which is located in front of this parcel. From the edge of pavement of the new passing lane to the existing right of way is approximately 30 feet. Depending on the profile grade, the passing lane and shoulder may be constructed within the existing right of way.

James L. Cook – Approximate Station 128+00 – 131+00 - Property over 50 years in age and Mr. Mark does believe the property will be eligible for historical classification.

The passing lane is proposed on the westside of SR 36, which is located in front of this parcel. From the edge of pavement of the new passing lane to the existing right of way is approximately 30 feet. Depending on the profile grade, the passing lane and shoulder may be constructed within the existing right of way.

SITE 2 & 3

Jackson Community Baptist Church – Approximate Station 537+00 to 545+00 - Property is over 50 years in age, but Mr. Mark does not believe it will ever be eligible for historical classification.

The passing lane is proposed on the westside of SR 36, which is located in front of this parcel. From the edge of pavement of the new passing lane to the existing right of way is

approximately 30 feet. Depending on the profile grade the passing lane and shoulder may be constructed within the existing right of way.

Dwight H. Townsend – Approximate Station 568+00 – 576+00 –Property is over 50 years in age, but Mr. Mark does not believe it will ever be eligible for historical classification.

The passing lane taper is located in front of this parcel. The taper is approximately 200 feet in length in front of the parcel. From the passing lane taper edge of pavement to the existing right of way is approximately 30 feet. Depending on the profile grade, the passing lane taper and shoulder may be able to be constructed and stay within the existing right of way.

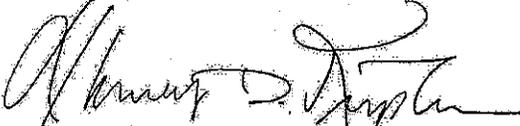
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0000479

OFFICE: Environment/Location

DATE: December 11, 2001

FROM: 
Harvey D. Keepler, State Environmental/Location Engineer

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

SUBJECT: **PROJECT CONCEPT REPORT**
STP-0000-00(479), BUTTS COUNTY

The above subject concept report has been reviewed. Page 6 – Unclear what existing and proposed typical section were, and will be at sites two and three. Page 7 – “Level of Environmental analysis is anticipated.”

If you have any questions, please contact me at (404) 699-4401.

HDK/rtt

Attachment

cc: David Mulling, P.E.
Glenn Durrence, P.E.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE **STP-0000-00(479) BUTTS COUNTY** OFFICE Thomaston
P.I.No. 0000479
PASSING LANE ON SR36
DATE **11/15/01**

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

TO Harvey Keepler, State Environmental/Location Engineer
ATTN: Debra Benton

SUBJECT **PRELIMINARY LAYOUT**

Attached are four (4) Preliminary layouts and the Draft Concept Report on the subject project for your use.

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

DBM: WJR:AJR

Attachment

*Benton
mark*

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

State Route 36 Passing Lanes
Project Number: STP-0000-00(479)
County: Butts
P. I. Number: 0000479

Federal Route Number: N/A
State Route Number: 36

PROJECT LOCATION MAP: See Page 2

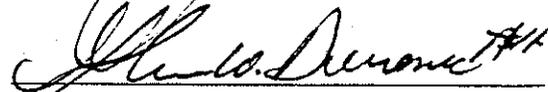
Prepared By: Wolverton & Associates/THE LPA GROUP INCORPORATED

Recommendation for approval:

DATE 11/15/01


Project Manager - Bill Rountree, P.E.

DATE 11-19-01

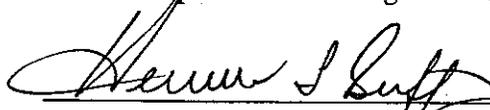

District 3 Engineer

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 12/11/01


State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

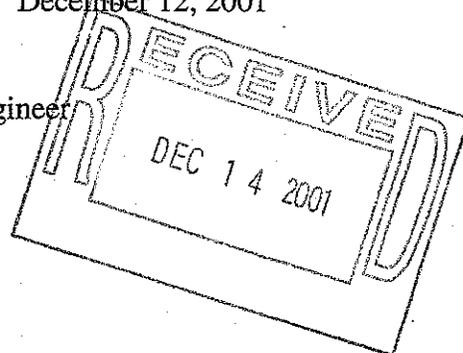
File: STP-0000-00 (479) / Butts County
P.I. No. 0000479

Office: Traffic Safety & Design
Atlanta, Georgia
Date: December 12, 2001

From: ^{PMA/ks} Phillip M. Allen, State Traffic Safety and Design Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed Passing Lanes along State Route 36 in Butts 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, Environment/Location Engineer
Glenn Durrence, District Engineer – Thomaston
Attention: David Millen, District Preconstruction Engineer
David Mulling, Engineer Services, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Chuck Hasty, TMC
General Files
Office Files

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

State Route 36 Passing Lanes
Project Number: STP-0000-00(479)
County: Butts
P. I. Number: 0000479

Federal Route Number: N/A
State Route Number: 36

PROJECT LOCATION MAP: See Page 2

Prepared By: Wolverton & Associates/THE LPA GROUP INCORPORATED

Recommendation for approval:

DATE 11/15/01


Project Manager - Bill Rountree, P.E.

DATE 11-19-01


District 3 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

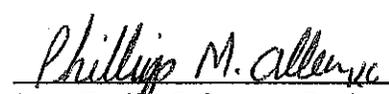
DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 12/11/01


State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

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

State Route 36 Passing Lanes
Project Number: STP-0000-00(479)
County: Butts
P. I. Number: 0000479

Federal Route Number: N/A
State Route Number: 36

PROJECT LOCATION MAP: See Page 2

Prepared By: Wolverton & Associates/THE LPA GROUP INCORPORATED

Recommendation for approval:

DATE 11/15/01


Project Manager - Bill Rountree, P.E.

DATE 11-19-01


District 3 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 _____

State Transportation Programming Engineer

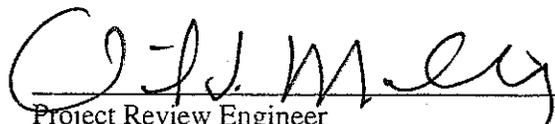
DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE 12/20/01


Project Review Engineer

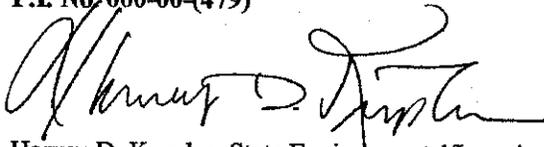
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 000-00-(479)

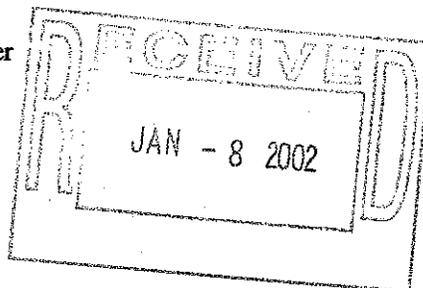
OFFICE: Environment/Location

DATE: January 7, 2002

FROM: 
Harvey D. Keeper, State Environmental/Location Engineer

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

SUBJECT: **PROJECT CONCEPT REPORT**
STP-000-00(479), BUTTS COUNTY



The above subject concept report has been reviewed. Page 7 -- should read "Level of Environmental Analysis is anticipated." Several historic properties within APE. Resource locations provided to Design. Known populations of endangered plant (federal) will need intensive survey.

If you have any questions, please contact me at (404) 699-4401.

HDK/rtt

Attachment

cc: David Mulling
Glenn Durrence, P.E.

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

State Route 36 Passing Lanes
Project Number: STP-0000-00(479)
County: Butts
P. I. Number: 0000479

Federal Route Number: N/A
State Route Number: 36

PROJECT LOCATION MAP: See Page 2

Prepared By: Wolverton & Associates/THE LPA GROUP INCORPORATED

Recommendation for approval:

DATE 11/15/01


Project Manager - Bill Rountree, P.E.

DATE 11-19-01


District 3 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).

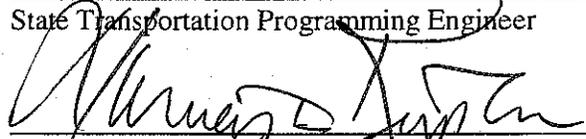
DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE 1/07/02


State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

PROJECT NUMBER/COUNTY: STP-0000-00(479), Butts

P.I. NUMBER: 0000479

This project is not shown in the STIP because the phase(s) PE, ROW and CST are outside the three (3) year range of the STIP. This project will be added to the STIP when appropriate.



STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE: January 7, 2002