

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE STP-0003-00(625) Bleckley County **OFFICE** Preconstruction
P. I. No. 0003625
Cochran Bypass Widening **DATE** September 13, 2004

FROM *for C. P. P. J.* 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 .

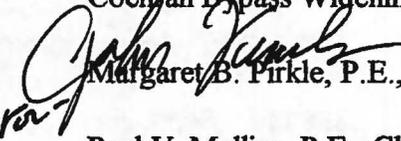
Attachment

DISTRIBUTION:

- David Mulling
- Harvey Keeper
- Jerry Hobbs
- Jamie Simpson
- Michael Henry
- Phillip Allen
- Joe Palladi (file copy)
- Paul Liles
- Brent Story
- Mike Thomas
- BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA****INTERDEPARTMENT CORRESPONDENCE**

FILE STP-0003-00(625) Bleckley County **OFFICE** Preconstruction
P.I. No. 0003625
Cochran Bypass Widening **DATE** August 18, 2004

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

TO Paul V. Mullins, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the widening and reconstruction of the Cochran Bypass (SR 87) from MP 4.30 just south of the SR 87 Business intersection on the south side of Cochran, extending to MP 8.30 just north of the SR 87 Business intersection on the north side of Cochran, for a total of 4.0 miles. The existing roadway consists of two, 12' lanes with 8' rural shoulders on 130' of existing right-of-way. The existing bypass corridor has been experiencing growth in development in recent years. The base year traffic (2012) is 10,500 VPD and the design year traffic (2032) is 16,250 VPD. With the projected increase in traffic and continued development within the corridor, the existing two lanes will be insufficient to accommodate the transportation demands.

The proposed construction will add two additional lanes and a 14' flush median to the existing alignment, thus creating a multi-lane bypass. The typical section will consist of two, 12' lanes in each direction separated by a 14' flush median with 10' rural shoulders (6.5' paved to accommodate bicycle lanes) on 150' of proposed right-of-way. This project will provide a grade separated crossing over the Norfolk Southern Railroad. Improvements are proposed at the SR 126 intersection. The east leg will form a "T" and the west leg will be cul-de-sac'd. All construction will be done under traffic except for an on-site detour at the Norfolk Southern Railroad crossing to construct the proposed overpass bridge.

This project will connect the five lane section being constructed under project MLP-87(43) south of Cochran to the existing four lane section north of Cochran.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing open house will be held; time saving procedures are not appropriate.

Paul V. Mullins

Page 2

STP-0003-00(625) Bleckley

August 18, 2004

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$7,814,000	\$8,725,000	Q24	2010
Right-of-Way	\$1,057,000	\$1,051,000	Q24	2008
Utilities*	\$ 575,000			

*Bleckley County refused LGPA for utilities 7-30-03.

I recommend this project concept be approved.

MBP:JDQ/cj

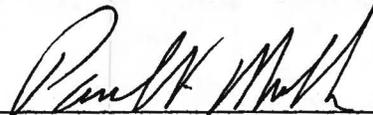
Attachment

CONCUR



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

APPROVE



Paul V. Mullins, P.E., Chief Engineer

Quarles, Johnny

From: Smith, Alan
Sent: Tuesday, August 24, 2004 4:23 PM
To: Quarles, Johnny
Subject: FW: STP-0003-00 (625) Bleckley County, P.I. # 0003625; Addition of 2 lanes to the Cochran By-Pass

Johnny,
Here is the information that you requested on the above subject concept.

Alan Smith
District Design Engineer
P.O. Box 8 - 801 Fourth Street
Tennille, Georgia 31089
478-552-4642
478-552-4677 Fax
alan.smith@dot.state.ga.us

-----Original Message-----

From: Maloy, Mike
Sent: Tuesday, August 24, 2004 1:40 PM
To: Smith, Alan
Cc: Smith, Tim
Subject: RE: STP-0003-00 (625) Bleckley County, P.I. # 0003625; Addition of 2 lanes to the Cochran By-Pass

Alan,
Crossing ID # 904055L the train traffic is 6 trains per day and the HI and AHI is 1.55. Call me or Tim Smith if you have further questions.

Thanks, Mike

Mike Maloy
State Railroad Liaison Engineer
Georgia Department of Transportation
Office of Utilities
935 E. Confederate Ave.
Atlanta, Georgia 30316
Office: 404-635-8064
Fax: 404-635-8066

-----Original Message-----

From: Smith, Alan
Sent: Wednesday, August 18, 2004 4:15 PM
To: Maloy, Mike
Subject: STP-0003-00 (625) Bleckley County, P.I. # 0003625; Addition of 2 lanes to the Cochran By-Pass

Mike,
I need the (total trains / day) and the Hazard index for the railroad crossing on the Cochran By-Pass at the Norfolk Southern Railroad crossing. I need it for a concept.

Alan Smith
District Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

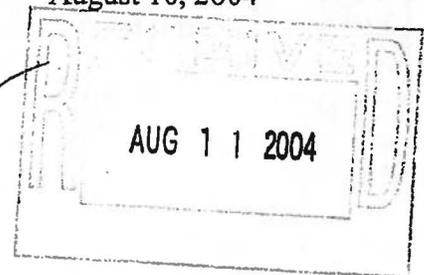
INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-0003-00(625) Bleckley
P.I. No.: 0003625
Cochran Bypass lane addition

OFFICE: Engineering Services

DATE: August 10, 2004

FROM: David Mulling, Project Review Engineer *REW*
TO: Meg Pirkle, Assistant Director of Preconstruction



SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted August 4, 2004 by the letter from Alan Smith dated August 2, 2004, and have no additional comments.

The costs for this project are:

Construction	\$5,920,000
Inflation	\$1,184,000*
E&C	\$710,400
Reimbursable Utilities	\$574,545 (LGPA anticipated)
Right of Way	\$1,051,000

* Inflation capped at 20%

REW

c: Mike Thomas, Tennille, Attn.: Alan Smith

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-0003-00(625)		County: Bleckley		PI No.: 0003625	
Report Date: August 2, 2004		Concept By: DOT Office: District 2			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
Project Type: Choose One From Each Column		<input checked="" type="checkbox"/> Major <input 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	100				
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

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

District Two Design Office

Project Number: *STP-0003-00(625)*

County: *Bleckley*

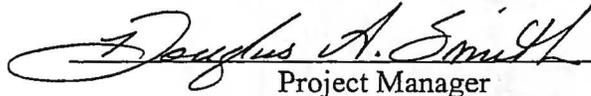
P. I. Number: *0003625*

Federal Route Number: *23*

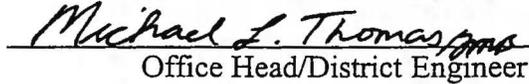
State Route Number: *87*

Recommendation for approval:

DATE *8-2-04*


Project Manager

DATE *8/2/04*


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/or the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

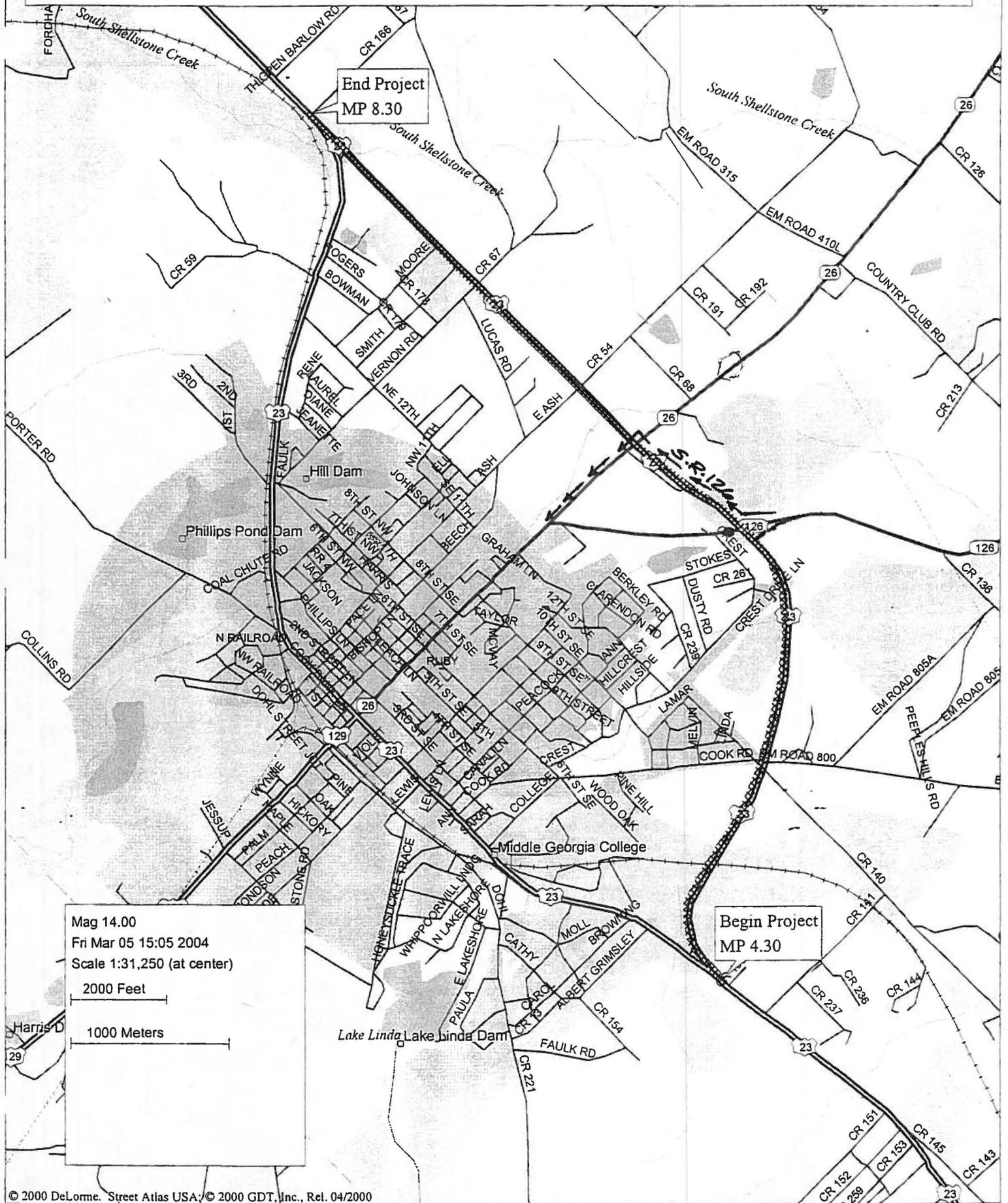
DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

STP-0003-00(625) Bleckley



End Project
MP 8.30

Begin Project
MP 4.30

Mag 14.00
Fri Mar 05 15:05 2004
Scale 1:31,250 (at center)
2000 Feet
1000 Meters

Project Concept Report page 2
Project Number: STP-0003-00(625)
P. I. Number: 0003625
County: Bleckley

Need and Purpose: *See attached sheets.*

Description of the proposed project: *This project consists of the widening and reconstruction of the Cochran Bypass (SR 87) from MP. 4.30 just south of the intersection of SR 87 Business and extending to MP 8.30 just north of the intersection with SR 87 Business. The total project length is 4.00 miles. The project will connect the five lane section being constructed under project MLP-87(43) south of Cochran to the existing four lane section north of Cochran. S.R. 126 will be relocated with this project as shown on the attached Project Location Sketch.*

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

PDP Classification: Major (X), Minor ()
Full Oversight (), Exempt (X), State Funded (), or Other ()

Functional Classification: *Rural Minor Arterial*

U. S. Route Number(s): 23

State Route Number(s): 87

Traffic (AADT):

Current Year: 10500 (2012)

Design Year: 16250 (2032)

Existing design features:

- Typical Section: *1-12' lane in each direction with 8' rural shoulders*
- Posted speed: *55 mph* Maximum degree of curvature: *4°*
- Maximum grade: *4% mainline, 10% cross roads, and 12% driveways*
- Width of right of way: *130 ft. ✓*
- Major structures: *None*
- Major interchanges or intersections along the project: *SR 126 & SR 26*
- Existing length of roadway: *4.00 miles*

Proposed Design Features:

- Proposed typical section(s): *2-12' lanes in each direction separated by a 14' flush median with 10' rural shoulders with 6.5' being paved to accommodate bicycle lanes*
- Proposed Design Speed Mainline: *45 mph/55 mph*
- Proposed Maximum grade Mainline: *5%*
- Maximum grade allowable Mainline: *5%*
- Proposed Maximum grade Side Street: *5%*
- Maximum grade allowable on Side Streets: *7%*
- Proposed Maximum grade driveway: *15%*
- Proposed Maximum degree of curve: *4°*
- Maximum degree allowable: *6°*
- Right of way
 - Width: *150'* ✓
 - Easements: Temporary (*X*), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (*X*), Other ().
 - Number of parcels: *50* Number of displacements: *0*
 - Business: _____
 - Residences: _____
 - Mobile homes: _____
 - Other: _____
- Structures:
 - Bridges: *Bridge over Norfolk Southern Railroad*
 - Retaining walls: *None*
- Major intersections and interchanges: *SR 126 & SR 26*
- Traffic control during construction: *All construction will be done under traffic except for an on-site detour at the Norfolk Southern Railroad crossing in order to construct the proposed overpass bridge. A temporary railroad crossing will also have to be constructed at this location in order to facilitate traffic during construction.*
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<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)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

- Design Variances: *A design variance will be required for the flush median in the areas with 55 mph design speed.*
- Environmental concerns: *None*

Project Concept Report page 4
Project Number: STP-0003-00(625)
P. I. Number: 0003625
County: Bleckley

- Anticipated level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (~~☒~~), No ()
 - Categorical exclusion (*X*),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements:
 - Power: Georgia Power Company, Ocmulgee EMC,
 - Telephone: BellSouth, ComSouth
 - Water: City of Cochran
 - Sewer: City of Cochran
 - Gas: *Jointly Owned Natural Gas Company, City of Cochran*
 - *Catv: Communicomm*
 - *Railroad: Norfolk Southern Railroad*

Project responsibilities:

- Design: *District Two Preconstruction*
- Right of Way Acquisition: *District Two Preconstruction*
- Relocation of Utilities: *District Two Utilities*
- Letting to contract: *DOT Contracts Administration*
- Supervision of construction: *Dublin DOT Area Office*
- Providing material pits: *Contractor*
- Providing detours: *In Contract*

Coordination

- Concept meeting date: *7-29-04*
- P. A. R. meetings: *None Required*
- FEMA, USCG, and/or TVA: *None Required*
- Public involvement: *A public hearing will be held.*
- Local government commitments: *Bleckley County will be requested to fund all reimbursable utility relocations.*
- Other projects in the area: *STP-0001-00(237), MLP-87(43), STP-0000-00 (904)Bleckley County*

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: *12 months*
- Time to complete preliminary construction plans: *12 months*
- Time to complete right of way plans: *8 months*
- Time to complete the Section 404 Permit: *12 months*
- Time to complete final construction plans: *8 months*
- Time to complete to purchase right of way: *18 months*

Project Concept Report page 5
Project Number: STP-0003-00(625)
P. I. Number: 0003625
County: Bleckley

Other alternates considered:

An alternate utilizing a 44' depressed median was studied but was not chosen due to the higher costs involved with building 2 bridges over the Norfolk Southern Railroad. It was also decided that the 14' flush median would be consistent with the five lane section south of the bypass and the 4 lane section north of the bypass.

Comments: *The District recommends approval.*

Attachments:

1. Need & Purpose,
2. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities,
3. Traffic data,
4. Typical section,
5. Minutes of Concept meeting,
6. Location and Design Notice
7. Asphalt Pavement Design
8. Concept Team Meeting Notes
9. Recommendation of Speed Design from Traffic Operations

Need and Purpose
STP-0003-00(625), Bleckley County
PI NO. 0003625
SR 87/Cochran Bypass

Need and Purpose

The need and purpose of the proposed project is to satisfactorily accommodate the existing and future traffic demands and to correct the operational deficiencies which currently exist within the project corridor. The inconsistent lane continuity could create a "bottleneck" if the proposed improvements are not completed, thereby creating hazardous driving conditions for the traveling public. Widening the existing Bypass will improve the Level of Service (LOS) on the Cochran Bypass.

Background

State Route 87/US 23/Cochran Bypass is classified as a rural minor arterial from SR 87/ US 23 Bus to SR 87/US 23 Business. State Route 87/US 23 also known as the Cochran Bypass was constructed in the 1980's to divert truck and other traffic in the downtown Cochran area. Improvements to the existing facility were first recommended to GDOT project nominating review committee (PNRC) in 2001 by District 2. The PNRC approved the request to add the project to the Department's Long Range Work Program.

The project is currently proposed to provide a grade separated crossing of the Norfolk Southern railroad. The project limits will connect to a soon to be under construction five lane section on the south side and an existing four lane section to the north. State Route 87/US 23/Cochran Bypass is a school bus route. The upgrading of the existing facility will include a provision for a bike lane. Project STP-0003-00(625) will increase the capacity and *Level-of-Service* (LOS) on SR-87/US 23/Cochran Bypass.

Existing, Design Year and Future Traffic

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 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 capacity for traffic flow. LOS F represents heavily congested flow with traffic demands exceeding capacity. For planning purposes, GDOT strives for a LOS "C".

The 2002 Average Annual Daily Traffic (AADT) on SR 87/US 23 is 6,100 vehicles per day yielding a LOS ranging from "C to D". The 2005 traffic is projected to be 6,650 vehicles per day yielding a LOS ranging from "C to D". The 2025 design traffic is anticipated to be 10,000 vehicles per day yielding a LOS of "E".

Accident Data/Safety

The accident rates in the corridor are slightly higher than the statewide averages for similar facilities and the injury rate far exceeds the statewide averages. The improvement to the existing facility should help to reduce the accidents along the project corridor to current state route standards. The accidents along the project corridor consists of rear-end and angle intersecting collisions which are caused by turning movements to and from the Cochran Bypass. The following table summarizes the corridor's accident statistics:

	2000		2001		2002	
	SR87/Cochran Bypass from SR 87/US 23 BUS.	State ¹	SR87/Cochran Bypass from SR 87/US 23 BUS.	State ¹	SR87/Cochran Bypass from SR 87/US 23 BUS.	State ¹
Total accidents	13		14		14	
Accident rate ²	180	182	188	186	202	188
Injuries	8		16		11	
Injury rate	111	58	215	60	158	62
Fatalities	0		0		1	
Fatality rate	0	2.06	0.00	2.09	14.40	2.09

Logical Termini

The northern terminus of this project will tie into the existing 4-lane section of SR 87/US 23. The southern terminus of this project will connect to an existing 2-lane section of SR 87/US 23 which is scheduled for widening to 4-lanes. This widening project is scheduled to be let for construction in May 2004. The Cochran Bypass widening would then tie into the recently completed SR 87/US 23 4-lane section from SR 257 north to the Cochran Bypass.

Other projects in area

There are three other planned projects within the immediate vicinity of the proposed widening project.

Project Numbers	Description	Programming
STP-0001-00(237), P.I.# 0001237	SR 87/US 23@CR 220/Frank Cook Rd. - Intersection Improvement	PE - 2001 ROW - Local CST - LUMP
MLP-87(43), P.I.# 222360	SR 87 from North of SR 257 northwest to Cochran Bypass - Widening from 2 to 4 lanes	ROW - 2003 CST - 2004
STP-0003-00(904), P.I.# 0003904	SR 87/US 23 @ SR 26 - Intersection Improvement	ROW - 2004 CST - 2004

¹ Statewide rates for similar facilities (Rural Minor Arterial)

² Accident rates per 100 Million Vehicle Miles Traveled

STP-0003-00 (625) Bleckley County, P.I. # 0003625

Addition of 2 lanes to Cochran By-Pass

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1.00	LS	57245.71	TRAFFIC CONTROL - STP-0003-00 (625)	57245.71
153-1300	1.00	EA	46804.54	FIELD ENGINEERS OFFICE TP 3	46804.54
201-1500	1.00	LS	75000.00	CLEARING & GRUBBING -	75000.00
205-0001	55489.00	CY	2.85	UNCLASS EXCAV	158143.65
206-0002	72550.00	CY	5.26	BORROW EXCAV, INCL MATL	381613.00
207-0203	120.00	CY	34.15	FOUND BK FILL MATL, TP II	4098.00
310-1101	52265.00	TN	13.20	GR AGGR BASE CRS, INCL MATL	689898.00
318-3000	1500.00	TN	15.02	AGGR SURF CRS	22530.00
402-1811	3330.00	TN	40.02	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL	133266.60
402-3112	15335.00	TN	44.46	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	681794.10
402-3121	28312.00	TN	34.90	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	988088.79
402-3131	13745.00	TN	35.44	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 2 ONLY, INCL	487122.80
413-1000	11750.00	GL	0.91	BITUM TACK COAT	10692.50
436-1000	6400.00	LF	6.83	ASPHALTIC CONCRETE CURB -	43712.00
441-0303	22.00	EA	1357.20	CONC SPILLWAY, TP 3	29858.40
446-1002	12600.00	LF	2.58	PVMT REINF FABRIC STRIPS, TP 2, INCL BITUM BINDER	32508.00
456-2012	4.30	GLM	790.48	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	3399.06
500-3101	172.00	CY	404.79	CLASS A CONCRETE	69623.88
511-1000	16814.00	LB	0.59	BAR REINF STEEL	9920.26
550-1180	520.00	LF	27.86	STORM DRAIN PIPE, 18 IN, H 1-10	14487.19
550-1240	200.00	LF	32.54	STORM DRAIN PIPE, 24 IN, H 1-10	6508.00
550-1300	126.00	LF	41.16	STORM DRAIN PIPE, 30 IN, H 1-10	5186.16
550-1360	540.00	LF	51.18	STORM DRAIN PIPE, 36 IN, H 1-10	27637.20
550-1420	294.00	LF	64.29	STORM DRAIN PIPE, 42 IN, H 1-10	18901.26
550-2180	512.00	LF	22.21	SIDE DRAIN PIPE, 18 IN, H 1-10	11371.52
550-2240	60.00	LF	29.50	SIDE DRAIN PIPE, 24 IN, H 1-10	1770.00
550-3618	32.00	EA	445.51	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	14256.32
550-3624	4.00	EA	773.16	SAFETY END SECTION 24 IN, SIDE DRAIN, 6:1 SLOPE	3092.64
550-4218	20.00	EA	385.17	FLARED END SECTION 18 IN, STORM DRAIN	7703.40
550-4224	8.00	EA	473.10	FLARED END SECTION 24 IN, STORM DRAIN	3784.80
550-4230	6.00	EA	617.55	FLARED END SECTION 30 IN, STORM DRAIN	3705.29
550-4236	26.00	EA	712.32	FLARED END SECTION 36 IN, STORM DRAIN	18520.32
550-4242	14.00	EA	1053.35	FLARED END SECTION 42 IN, STORM DRAIN	14746.89
610-9099	2.00	LS	2654.37	REM WINGWALLS & PARAPETS, STA -	5308.74
634-1200	74.00	EA	86.42	RIGHT OF WAY MARKERS	6395.08
641-1200	6400.00	LF	10.57	GUARDRAIL, TP W	67648.00
641-5001	7.00	EA	408.67	GUARDRAIL ANCHORAGE, TP 1	2860.69
641-5012	7.00	EA	1340.91	GUARDRAIL ANCHORAGE, TP 12	9386.37

Section Sub Total: \$4,168,589.20

Section Temporary Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	40.00	AC	446.49	TEMPORARY GRASSING	17859.6
163-0240	400.00	TN	212.32	MULCH	84928.0
163-0300	6.00	EA	1032.98	CONSTRUCTION EXIT	6197.88
163-0520	2500.00	LF	11.70	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	29250.0
163-0521	230.00	EA	146.38	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	33667.4
163-0530	18142.00	LF	2.12	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	38461.04
163-0531	8.00	EA	6263.84	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	50110.72
165-0010	2268.00	LF	1.02	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	2313.36
165-0030	11339.00	LF	1.19	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	13493.41
165-0070	18142.00	LF	1.12	MAINTENANCE OF BALED STRAW EROSION CHECK	20319.04
165-0101	8.00	EA	331.17	MAINTENANCE OF CONSTRUCTION EXIT	2649.36
167-1000	2.00	EA	3110.78	WATER QUALITY MONITORING AND SAMPLING	6221.56
167-1500	24.00	MO	690.51	WATER QUALITY INSPECTIONS	16572.23
171-0010	4536.00	LF	1.66	TEMPORARY SILT FENCE, TYPE A	7529.75
171-0030	22678.00	LF	3.12	TEMPORARY SILT FENCE, TYPE C	70755.36
700-7000	40.00	TN	53.06	AGRICULTURAL LIME	2122.4
700-7010	96.00	GL	17.43	LIQUID LIME	1673.28
700-8000	46.00	TN	235.28	FERTILIZER MIXED GRADE	10822.88
Section Sub Total:					\$414,947.29

Section Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2181	200.00	SY	34.59	STN DUMPED RIP RAP, TP 3, 18 IN	6918.00
603-7000	200.00	SY	3.50	PLASTIC FILTER FABRIC	700.0
700-6910	77.00	AC	734.56	PERMANENT GRASSING	56561.11
700-7000	80.00	TN	53.06	AGRICULTURAL LIME	4244.8
700-7010	200.00	GL	17.43	LIQUID LIME	3486.0
700-8000	46.00	TN	235.28	FERTILIZER MIXED GRADE	10822.88
700-8100	5900.00	LB	1.37	FERTILIZER NITROGEN CONTENT	8083.00
715-2200	6800.00	SY	1.74	BITUMINOUS TREATED ROVING, WATERWAYS	11832.0
716-2000	30000.00	SY	1.14	EROSION CONTROL MATS, SLOPES	34200.0
Section Sub Total:					\$136,847.80

Section Bridge No. 1 - Norfolk Southern Railroad

Item Number	Quantity	Units	Unit Price	Item Description	Cost
541-0001	1.00	LUMP	806000.00	CONSTR OF BRIDGE - (200ft X 62ft X \$65.00)	806000.0
Section Sub Total:					\$806,000.00

Section Temporary Detour - Railroad

Item Number	Quantity	Units	Unit Price	Item Description	Cost
205-0001	4200.00	CY	2.92	UNCLASS EXCAV	12264.0
206-0002	6000.00	CY	5.26	BORROW EXCAV, INCL MATL	31560.0
402-3112	440.00	TN	44.46	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	19562.4
402-3121	880.00	TN	35.08	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	30870.39
402-3130	275.00	TN	36.20	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM	9955.0
413-1000	320.00	GL	0.92	BITUM TACK COAT	294.40
999-9999	1.00	LUMP	100000.00	CONSTR OF TEMPORARY RAILROAD CROSSING NO. 1	100000.0

Section Sub Total:\$204,506.20

Section Signing / Marking / Signals

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	180.00	SF	12.79	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	2302.2
636-1022	60.00	SF	14.80	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 4	888.0
636-1029	20.00	SF	19.97	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	399.4
636-1030	18.00	SF	14.91	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 4	268.38
636-3000	448.00	LB	2.08	GALV STEEL STR SHAPE POST	931.84
636-3010	3.00	EA	230.65	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	691.95
639-4004	8.00	EA	3727.64	STRAIN POLE, TP IV	29821.12
647-1000	1.00	LS	65000.00	TRAFFIC SIGNAL INSTALLATION NO - 1 BYPASS @ SR 126	65000.0
647-1000	1.00	LS	65000.00	TRAFFIC SIGNAL INSTALLATION NO - 2 BYPASS @ SR 26	65000.0
653-0120	24.00	EA	55.74	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	1337.76
653-1501	45400.00	LF	0.23	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	10442.0
653-1502	22700.00	LF	0.23	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	5221.0
653-1704	240.00	LF	3.29	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	789.6
653-6004	700.00	SY	2.41	THERMOPLASTIC TRAF STRIPING, WHITE	1687.0
653-6006	700.00	SY	2.58	THERMOPLASTIC TRAF STRIPING, YELLOW	1806.0
654-1001	230.00	EA	3.22	RAISED PVMT MARKERS TP 1	740.6
654-1003	230.00	EA	3.08	RAISED PVMT MARKERS TP 3	708.4

Section Sub Total:\$188,035.25

Total Estimated Cost: \$5,918,925.74

Subtotal Construction Cost \$5,918,925.74

E&C Rate 10.0 % \$591,892.57

Inflation Rate 5.0 % @ 6.0 Years \$2,214,300.93

Total Construction Cost \$8,725,119.25

Right Of Way \$1,051,000.00

ReImb. Utilities \$574,545.00

Grand Total Project Cost \$10,350,664.25

Department of Transportation State of Georgia

Interdepartmental Correspondence

FILE R/W Cost Estimate **OFFICE** Atlanta
DATE May 4, 2004

FROM Terry McCollister, Right of Way Administrator

TO George M. Brewer, District Design Engineer, Tennille District

SUBJECT **Preliminary Right of Way Cost Estimate**
Project: STP-0003-00(625)Bleckley
P.I. No.: 0003625
Description: Cochran Bypass from just south of SR 87 to just north of SR 87 Business

As per your request, attached is a copy of the approved Preliminary Right of Way Cost Estimate on the above referenced project.

If you have any questions, please contact Jerry Milligan at the West Annex Right of Way Office at (404) 463-2575.

HB:RCF:GAM:jm

Attachments

c: David Mulling, Engineering Services
Phil Copeland, R/W
Windy Bickers, Financial Management
File

Preliminary Right of Way Cost Estimate

Date: April 8, 2004 **P.I. Number:** 0003625
Project: STP-00000(625)Bleckley **No. Parcels:** 50
Existing/Requiring RW: 130ft/170ft
Project Termini: Cochran Bypass (SR87) from just south of SR87 Business
 To just north of SR 87 Business
Project Description: Cochran Bypass Widening and Reconstruction

Land:

Commercial	114,500	sf @ \$.34/sf =	\$ 38,900	
Residential	318,750	sf @ \$.23/sf =	\$ 73,300	
Institutional	58,000	sf @ \$06/sf =	\$ 3,500	
Agricultural	874,000	sf @ \$.05/sf =	\$ <u>43,700</u>	
				\$ 159,400

Improvements:

Signs, fencing and site improvements				\$ 19,300
--------------------------------------	--	--	--	-----------

Relocation:

None

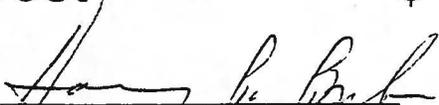
Damages:

Proximity - 5 parcels	\$	124,000		
Consequential	\$	0		
Cost To Cure	\$	0		
				\$ 124,000

\$ -- 302,700

Net Cost					\$ 302,700.00
Scheduling Contingency	55%				\$ 166,485.00
Adm/Court Cost	60%				\$ 281,511.00
Inflation Factor	40%				\$ <u>300,278.40</u>
					1,050,974.40

Total Cost **\$ 1,051,000**

Prepared By: 
 Harvey P. Booker, Consultant
 Booker Real Estate Services, LLC

Approved: 
 GDOT R/W

Bleckley County Land Sales

<u>Highest & Best Use</u>	<u>Size (acres)</u>	<u>Value/acre/sq.ft.</u>	<u>Sales Price</u>
Commercial	0.50	\$ 16,000/\$.37	\$ 8,000
	1.02	\$ 7,350/\$.17	\$ 7,500
	0.68	\$ 8,825/\$.20	\$ 6,000
	0.94	\$ 16,000/\$.37	\$ 15,000
Residential	5.00	\$ 10,000/\$.23	\$ 50,000
	1.00	\$ 10,000/\$.23	\$ 10,000
	0.48	\$ 10,400/\$.24	\$ 5,000
	4.70	\$ 6,400/\$.15	\$ 30,000
Institutional	80.30 (Subject)	\$ 1,945/\$.05	\$ 156,200
	274.40	\$ 2,500/\$.06	\$ 686,000
	53.70	\$ 3,100/\$.07	\$ 165,850
Agricultural	97.38	\$ 1,950/\$.05	\$ 190,000
	66.70	\$ 2,175/\$.05	\$ 145,000
	96.30	\$ 1,450/\$.03	\$ 140,000

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0003-00 (625) - Bleckley County **OFFICE:** Tennille Utilities
P.I. Number: 0003625
S.R.87 / Cochran Bypass from U.S.23 Business **DATE:** June 22, 2004
to the existing 4 Lane Section

FROM Jack D. Cooper, Jr., ^{KNE}District Utilities Engineer

TO George Brewer, District Preconstruction Engineer
Attention: Alan Smith

SUBJECT UTILITY COST ESTIMATE

Attached is a Utility Cost Estimate dated June 22, 2004 on the above referenced project. The total estimated amount of eligible utility relocation cost for this project is \$574,545.00, this figure includes both publicly and privately owned utilities.

The estimate was prepared by Nick Everett of this office and is based on concept drawings provided by your office, dated March 8, 2004 and an on-site inspection performed on June 3, 2004. Unit costs are based on the "mean item summary" and former "force account agreements".

All of the above information is an estimate and may be revised when project plans are developed and prior rights research has been performed. If you should have questions, please contact Nick Everett in the Utilities Section of this office at 478-552-4606.

JDC:KNE

cc: Jeff Baker / Scott Greene w/attachment
Jamie Simpson w/attachment
Christa McKinney w/attachment

TELEPHONE						
<i>BellSouth Telecommunications, Inc.</i>						
5200		Lin Ft	Relocate Underground Telephone Cable - 25 pr Copper	\$4.00	\$20,800.00	
5200		Lin Ft	Relocate Underground Telephone Cable - 36 Fiber Optic	\$3.00	\$15,600.00	
			BellSouth has a 15' easement on the eastside of S.R.87 from the beginning of the project to C.R.140 (Denny Coley Rd) which houses a 25 pr copper and a 36 fiber optic cable. The relocation of these cables shall be eligible for reimbursement. Replacement of their existing easement shall be handle through Right of Way negotiations. BellSouth also has a Remote Terminal Site at the beginning of the project and at the intersection of S.R.87 and C.R.140 (Denny Coley Rd.) which are located on private easement. At this time the Remote Terminals do not appear to be in conflict with construction. However, if these sites are impacted they shall be eligible for reimbursement. BellSouth has buried 50 pr, 100 pr, 400 pr cables and have aerial cables installed within the existing Right of Way and should not be eligible for reimbursement. Information for this estimate was provided by Forrest H. Bloodworth with BellSouth on June 22, 2004.			
				SUB-TOTAL	\$36,400.00	
TELEPHONE						
<i>ComSouth</i>						
			ComSouth has aerial and buried facilities located within the existing Right of Way and should not be eligible for reimbursement. Information for this estimate was gathered during an on-site inspection on June 3, 2004.			
				SUB-TOTAL		
GAS						
<i>Jointly Owned Natural Gas</i>						
	7450	Lin Ft	Relocate HPS Gas Main - 8" STPG	\$35.00		\$260,750.00
	1	Lump	Tie-Ins, etc.	\$26,075.00		\$26,075.00
			This owner also has facilities located within the existing Right of Way throughout the project limits that should not be eligible for reimbursement Information for this estimate was provided by			
				SUB-TOTAL		\$286,825.00

		GAS			
		City of Cochran			
	450	Lin Ft	Relocate LPS Gas Main - 2" Steel	\$12.00	\$5,400.00
	1	Lump	Tie-Ins, etc.	\$540.00	\$540.00
			The City of Cochran's facilities are located within the existing Right of Way throughout the project limits that should not be eligible for reimbursement. Information for this estimate was provided by Bryan Lee with the City of Cochran.		
				SUB-TOTAL	\$5,940.00
		RAILROAD			
		Norfolk Southern Corporation			
			Norfolk Southern Corporation has an existing at grade crossing which shall be constructed as a Railroad overpass once the project is completed.		
				SUB-TOTAL	
		GATV			
		Communicomm			
			Communicomm has aerial facilities located within the existing Right of Way and should not be eligible for reimbursement. Information for this estimate was gathered during an on-site inspection on June 3, 2004		
				SUB-TOTAL	
Revised:		TOTAL PRIVATELY OWNED UTILITY RELOCATION COST			\$214,900.00
Revised:		TOTAL PUBLICLY OWNED UTILITY RELOCATION COST			\$359,645.00
Revised:		TOTAL POTENTIAL UTILITY RELOCATION COST FOR PROJECT			\$574,545.00
Estimate Prepared By:		Nick Everett - Utilities Engineer		DATE:	22-Jun-04

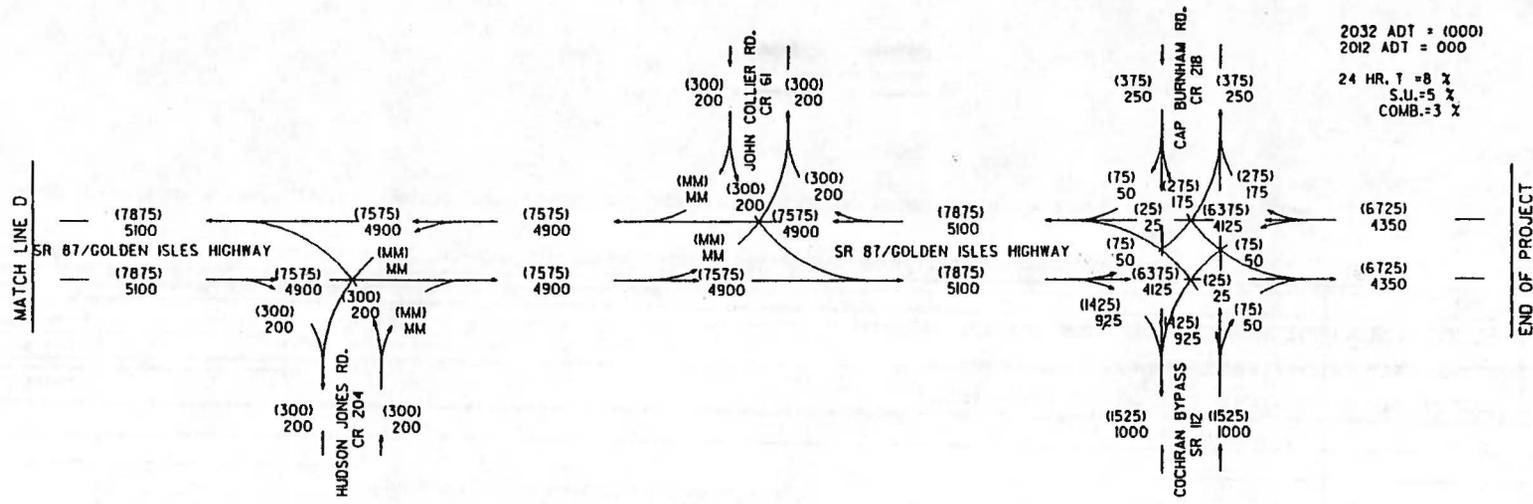
Unit Costs are based on former "Force Account Agreements" and the Department of Transportation's "Mean Item Index"

The information above is an estimate and is subject to change as project plans are developed and prior rights research has been performed.

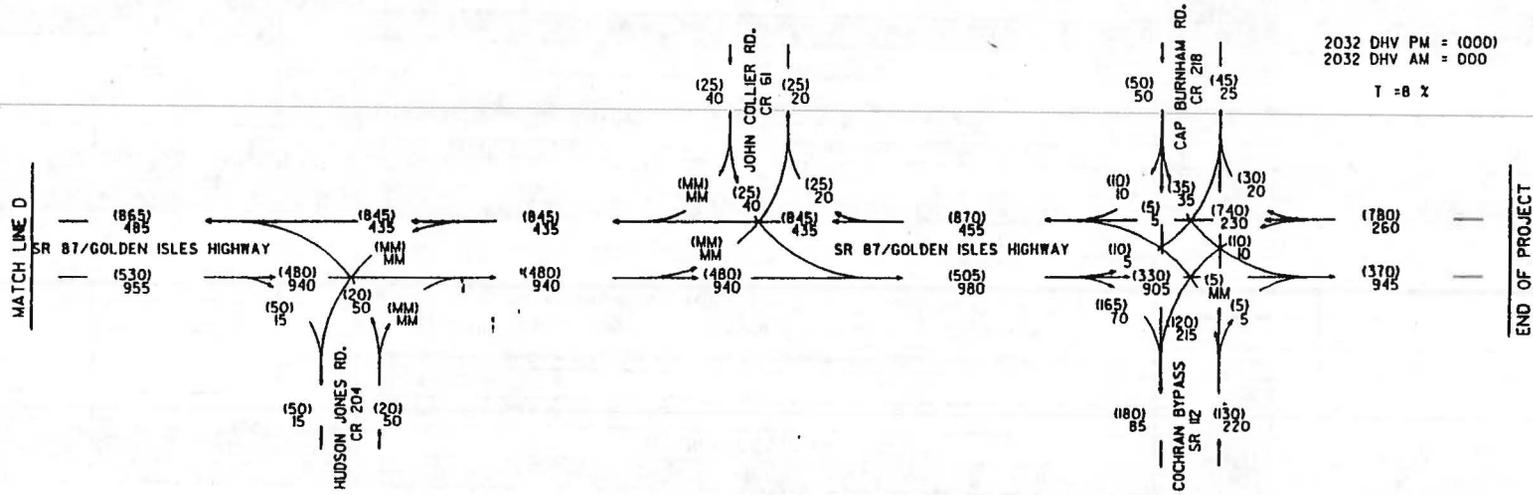
BLECKLEY COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION

2032 ADT = (000)
2012 ADT = 000
24 HR. T = 8 %
S.U. = 5 %
COMB. = 3 %



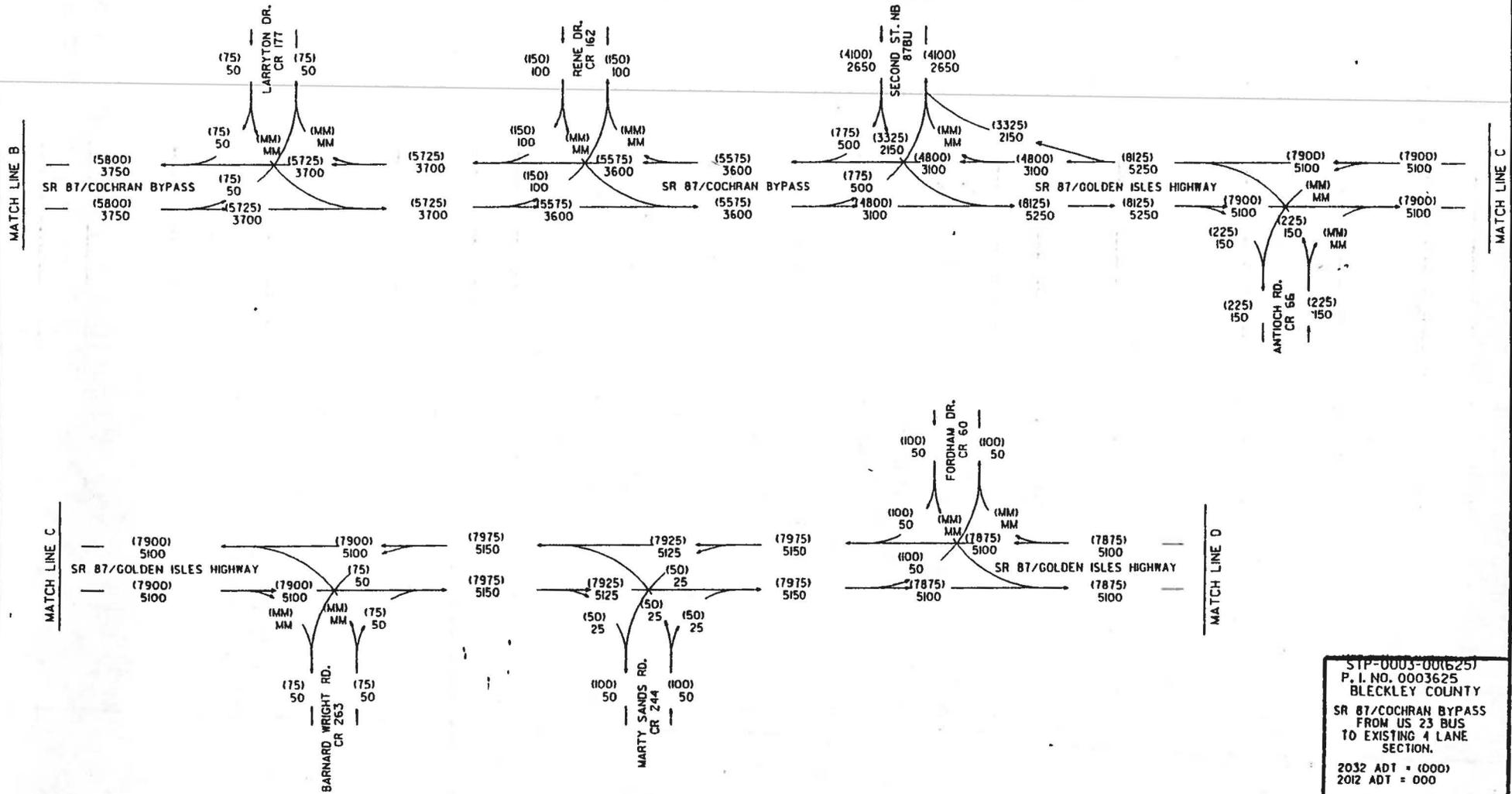
2032 DHV PM = (000)
2032 DHV AM = 000
T = 8 %



STP-0003-00(625)
P. I. NO. 0003625
BLECKLEY COUNTY
SR 87/COCHRAN BYPASS
FROM US 23 BUS
TO EXISTING 4 LANE
SECTION.

BLECKLEY COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION

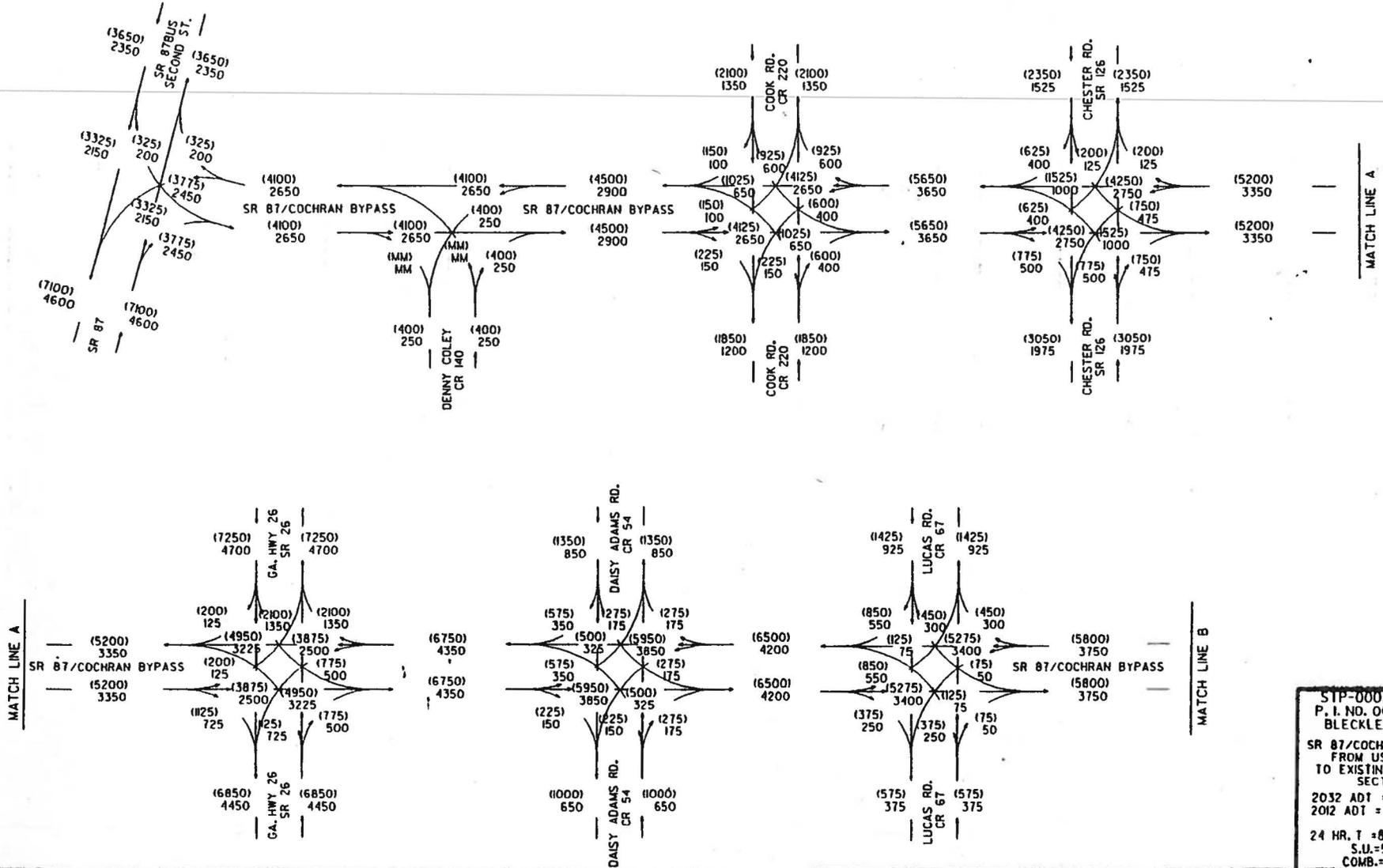


STP-0003-00(625)
P. I. NO. 0003625
BLECKLEY COUNTY
SR 87/COCHRAN BYPASS
FROM US 23 BUS
TO EXISTING 4 LANE
SECTION.
2032 ADT = (000)
2012 ADT = 000
24 HR. T = 8 %
S.U. = 5 %
COMB. = 3 %

SMS
06/04

BLECKLEY COUNTY

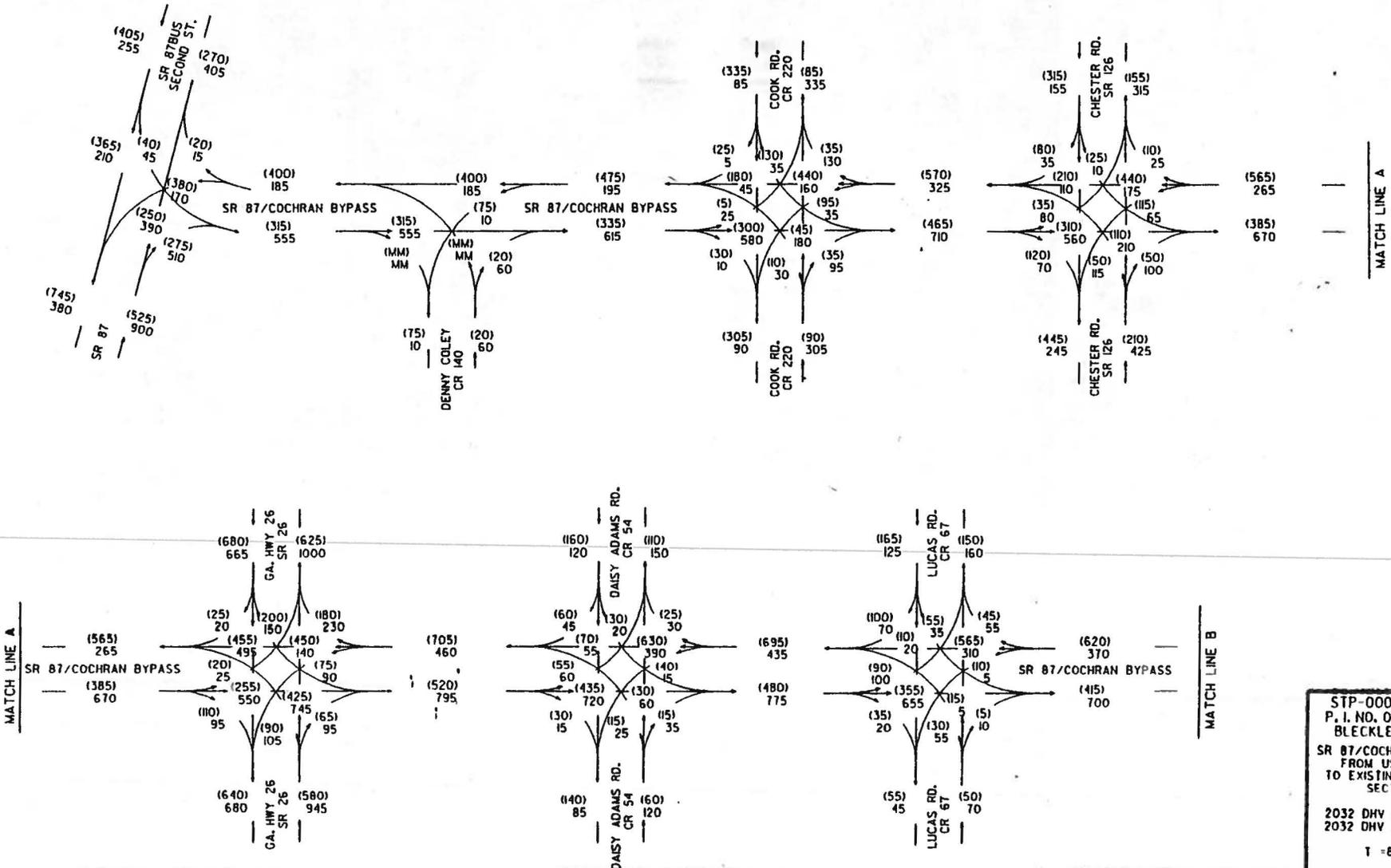
GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION



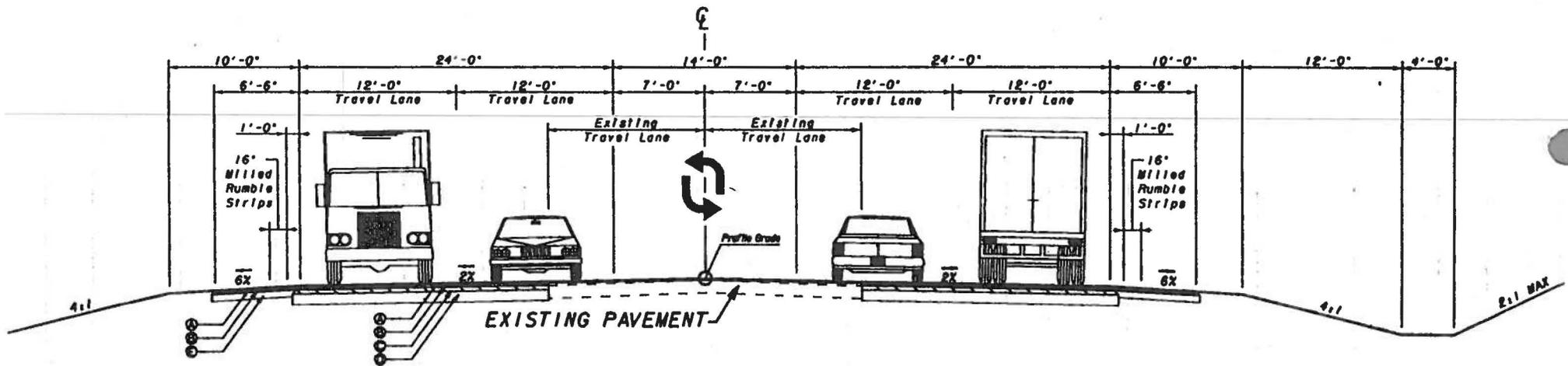
STP-0003-00(625)
P. I. NO. 0003625
BLECKLEY COUNTY
SR 87/COCHRAN BYPASS
FROM US 23 BUS
TO EXISTING 4 LANE
SECTION.
2032 ADT = (000)
2012 ADT = 000
24 HR. T = 8 %
S.U. = 5 %
COMB. = 3 %

BLECKLEY COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION



STP-0003-00(625)
P. I. NO. 0003625
BLECKLEY COUNTY
SR 87/COCHRAN BYPASS
FROM US 23 BUS
TO EXISTING 4 LANE
SECTION.
2032 DHV PM = 1000
2032 DHV AM = 000
T - 8 X
SMS
05/04



Rural 4-Lane 14' Flush Median
 2 to 4 Symetrical
 Tangent

TYPICAL SECTION
 STP-0003-00 (625)
 BLECKLEY COUNTY
 P. I. # 0003625

Project: STP-0003-00 (625)

County: Bleckley

P.I. no.: 0003625

Description: Addition of 2 lanes on Cochran By-Pass

Traffic Data (NOTE: AADTs are one-way)

24-hour Truck Percentage: 8.00%

AADT initial year of design period: 5,250 vpd (2012)

AADT final year of design period: 8,125 vpd (2032)

Mean AADT (one-way): 6,688 vpd

Design Loading

Mean AADT	LDF	Trucks	18-K ESAL	Total Daily Loads
6,688 *	0.85 *	0.080 *	0.73	= 333

Total predicted design period loading = 333 * 20 * 365 = 2,430,900

Design Data

Terminal Serviceability Index: 2.50

Soil Support: 3.00

Regional Factor: 1.50

PROPOSED FLEXIBLE PAVEMENT STRUCTURE

Material	Thickness mm	(in.)	Structural Coefficient	Structural Value
9.5 mm Superpave	32	(1.26)	0.0173	0.55
19 mm Superpave	50	(1.97)	0.0173	0.86
25 mm Superpave	32	(1.26)	0.0173	0.55
	68	(2.68)	0.0118	0.80
Graded Aggregate Base	250	(9.84)	0.0063	1.58

Required SN = 4.81

Proposed SN = 4.34

>>> Proposed pavement is 9.8% Underdesign <<<

Remarks:

Prepared by Douglas Alan Smith - District Design Engineer

July 8, 2004
Date

Recommended State Materials & Research Engineer

Date

Approved District Engineer

Date

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-0003-00(625) BLECKLEY COUNTY P. I. NUMBER 0003625

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.

The date of location approval was _____
Date of Approval

This project proposes to widen and reconstruct State Route 87 (Cochran Bypass) from MP 4.30 to MP 8.30. The proposed typical section will consist of 2-12' lanes in each direction separated by a 14' flush median with rural shoulders. The total project length is 4.00 miles.

Drawings of the proposed project are on file and are available for inspection at the Georgia Department of Transportation.

Daniel Smith, Area Engineer
daniel.smith@dot.state.ga.us
611 Firetower Road
Dublin, GA 31021

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:

GEORGE M. BREWER
PRECONSTRUCTION ENGINEER
P.O. BOX 8
TENNILLE, GA 31089
(478)552-4629

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

Concept Team Meeting Notes

Project: STP-0003-00 (625)
County: Bleckley
P.I. #: 0003625
Description: Addition of 2 lanes to the Cochran By-Pass

Date of Meeting: 7-29-04

Personnel Attending:

Alan Smith	District Design	GDOT	478-552-4642
Daniel Smith	Area Engineer	GDOT	478-275-6596
Bryan Lee	City	Cochran	478-934-6346
John McCarty	R/W Squad Leader	GDOT	478-552-4613
Ronnie Rowland	Engineer	BellSouth	478-275-2081
Todd Price	Traffic Operations	GDOT	478-552-4715
Rex McHae	Engineer	Ocmulgee EMC	478-374-7001
James Rogers	Engineer	Ocmulgee EMC	478-374-7001
Nick Everett	Utility Engineer	GDOT	478-552-4606
Eddie Wiggins	Environmentalist	GDOT	478-553-2283
Billy Smith	Commissioner	Bleckley County	478-934-3200
Roy Floyd	Commissioner	Bleckley County	478-934-3200

The meeting began with Alan Smith giving a general description of the project and a summary of the design features to be affected. The following sections were then described and the personnel for that section was asked if they had any questions or comments:

Right of Way:

John McCarty asked how many parcels will be affected and if there would be any displacements. Alan Smith told him approximately 50 parcels are estimated with no displacements to businesses or residences or relocations of mobile homes. John then asked how much right of way is anticipated. Alan Smith then told him that we could probably count on a 10 foot strip on each side of the roadway to be required right of way, however, this could be changed to temporary slope easements in some areas. A right of way cost estimate is attached to this concept report.

Environmental:

The District Environmentalist agreed that a CE is applicable for this project and did not foresee any additional environmental concerns. This is subject to change once surveys are complete.

Utilities:

BellSouth began by stating that they have a 15 foot easement running parallel to the Bypass in the area from S.R. 126 to the Norfolk Southern Railroad crossing. Ocmulgee EMC asked what the estimated schedule for this project is. George Brewer told them that it is currently in the 2008 year for R/W with construction in 2010. The City of Cochran described their water / gas and sewer facilities. All utilities were advised to get any property information to the utility office ASAP so that GDOT will have time to incorporate those items into the project plans. Alan Smith also asked Nick Everett to touch base with Mike Maloy to make sure that the railroad is aware of the proposed grade separation involved with this project.

Traffic Operations:

When the proposed speed design was presented Todd Price with GDOT traffic operations asked where the speed limit changed within the project limits. Alan Smith asked him to verify where this was and to find out if the speed design could be reduced throughout the project limit to 45 M.P.H. See attached e-mail from Todd Price concerning this matter.

Construction:

Daniel Smith with GDOT construction brought up a concern of how traffic will be handled while the proposed railroad bridge is constructed. It was decided by the concept team that an on-site detour will be required with a temporary railroad crossing involved. The project cost estimate has been revised to reflect these costs.

Local Governments:

Alan Smith read the Local Government Commitment section of the report and asked if the local governments had any comments regarding this matter. The local government officials did not offer further comment.

Smith, Alan

From: Price, Todd
Sent: Thursday, July 29, 2004 2:10 PM
To: Smith, Alan
Subject: Cochran Bypass Project

Alan,

It is the recommendation of District Traffic Operations that the speed on the proposed widening project of the Cochran Bypass, SR 87, be maintained at the existing posted speed of 55 MPH. The exception to this speed will be the segment of roadway from a point 0.2 miles +/- south of State Route 126 (MP 6.10 +/-) to the proximity of Daisy Adams Road (MP 6.96 +/-) which we will recommend being posted at 45 MPH. The reduction of speed will be partly due to the new County School currently being built in the vicinity of the intersection of SR 87 and SR 126 and traffic signals in the area. We feel that by implementing this reduction of speed with this new construction that it will help enhance the safety of this segment of roadway.

Todd Price
District Traffic Operations Engineer
District 2 – Tennille
PH: 478-552-4715

7/30/2004

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

District Two Design Office

Project Number: *STP-0003-00(625)*

County: *Bleckley*

P. I. Number: *0003625*

Federal Route Number: *23*

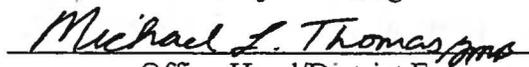
State Route Number: *87*

Recommendation for approval:

DATE *8-2-04*


Project Manager

DATE *8/2/04*


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/or the State Transportation Improvement Program (STIP).

DATE *8/9/04*


State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

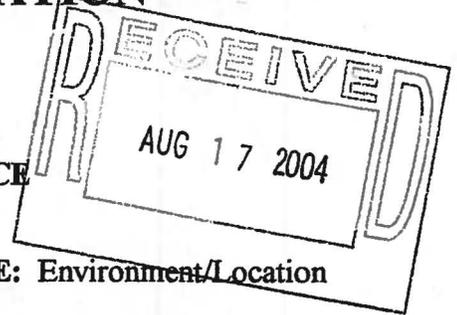
State Traffic Safety & Design Engineer ✓

DATE _____

Project Review Engineer ✓

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE



FILE: P.L. Nos. 003625

OFFICE: Environment/Location

DATE: August 5, 2004

A handwritten signature in black ink, appearing to read "Harvey D. Keeper".

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

TO: Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**SUBJECT: PROJECT CONCEPT REPORT
STP-0003-00(625) / Bleckley County
Addition of two (2) lanes to the Cochran By-Pass**

The above subject concept report has been reviewed. Time saving procedures not appropriate – Public hearing will be held. Crossing three (3) streams; therefore, a section 404 permit might be required.

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

HDK/lc

Attachment

cc: David Mulling, Project Review Engineer
Douglas Alan Smith, District Design Engineer

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

District Two Design Office

Project Number: *STP-0003-00(625)*

County: *Bleckley*

P. I. Number: *0003625*

Federal Route Number: *23*

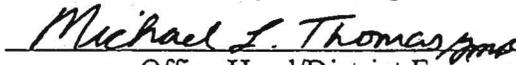
State Route Number: *87*

Recommendation for approval:

DATE *8-2-04*


Project Manager

DATE *8/2/04*


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/or the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
PROJECT CONCEPT REPORT

District Two Design Office

Project Number: STP-0003-00(625)

County: Bleckley

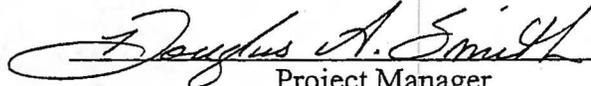
P. I. Number: 0003625

Federal Route Number: 23

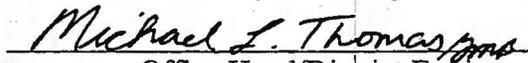
State Route Number: 87

Recommendation for approval:

DATE 8-2-04


Project Manager

DATE 8/2/04


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/or the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

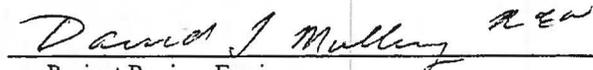
DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE 8/10/04


Project Review Engineer