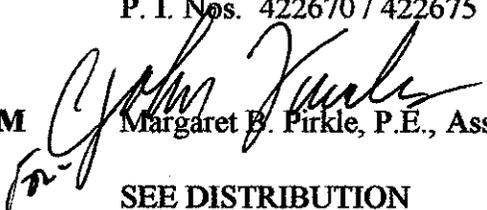


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE NH-00TS(49)/(50) Dougherty County **OFFICE** Preconstruction
P. I. Nos. 422670 / 422675
DATE December 15, 2003

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

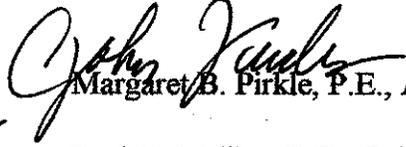
David Mulling
Harvey Keeper
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Brent Story
David Crim
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE NH-00TS(49)/NH-00TS(50) Dougherty County **OFFICE** Preconstruction
P.I. Nos. 422670/422675

DATE December 5, 2003

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

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

SUBJECT PROJECT CONCEPT REPORT

These combined projects consist of upgrading thirteen (13) traffic signals along Slappey Boulevard, and constructing a traffic control center (TCC) in the City of Albany. The existing signal system along Slappey Boulevard was installed 32 years ago. Although the controller equipment has been replaced, the support structures, wiring and some signal displays have not been upgraded and are in need of replacement. As the traffic along Slappey Boulevard has increased to nearly 30,000 VPD, a modern signal system is required to provide safe and efficient progression to the public.

Project NH-00TS(49) proposes to upgrade thirteen (13) traffic signals along Slappey Boulevard (US 19/US 82 Bus/SR 62/SR 234) from Gordon Avenue to Liberty Expressway (US 19/US 82/SR 3, SR 300, SR 520). New poles, span wire, signal heads, vehicle detectors, and pedestrian signal equipment will be installed. Pavement marking and curb ramps will be installed as necessary to meet ADA requirements.

Project NH-00TS(50) proposes to construct a Traffic Control Center (TCC) within the traffic engineering department in Albany for signal system monitoring and future incorporation into the Statewide Navigator Advanced Traffic Management System. Additionally, a remote TCC location will be installed inside the city signal shop at 1127 Highland Avenue.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

NH-00TS(49)

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$2,424,000	\$2,424,000	2004	2004
Right-of-Way & Utilities	-0-	-0-		

Paul V. Mullins

Page 2

NH-00TS(49) /NH-00TS(50 Dougherty

December 5, 2003

NH-00TS(50)

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$162,000	\$162,000	2006	2006
Right-of-Way & Utilities	-0-	-0-		

I recommend this project concept be approved.

MBP:JDQ/cj

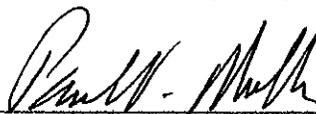
Attachment

CONCUR



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

APPROVE



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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

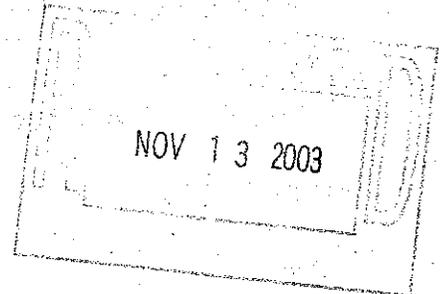
FILE: NH-00TS(49) & NH-00TS(50) Dougherty **OFFICE:** Engineering Services
P.I. No.: 422670 & 422675
Traffic Signal Work in Albany

DATE: November 13, 2003

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT



We have reviewed the concept report submitted November 7, 2003 by the letter from Phillip M. Allen dated November 6, 2003, and have no comments.

The costs for this project are:

Construction	\$2,350,600
Inflation	\$0.00
E&C	\$235,060
Reimbursable Utilities	N/A
Right of Way	N/A

REW

c: Phillip M. Allen: Attn: Derrick Cameron

SCORING RESULTS AS PER MOG 2440-2

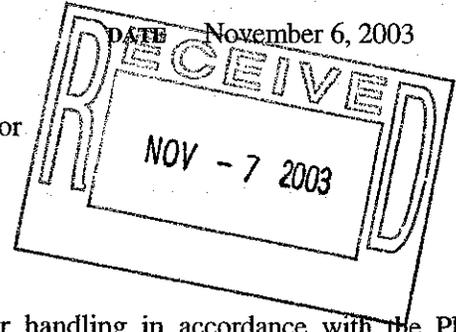
Project Number: NH-00TS(49) & NH-00TS(50)		County: Dougherty		PI No.: 422670 & 422675	
Report Date: November 6, 2003		Concept By: DOT Office: Traffic Safety and Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Urban	<input type="checkbox"/> ATMS	
		<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Rural	<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 type="checkbox"/> Widening & Reconstruction	
				<input checked="" type="checkbox"/> Traffic Signal Work	
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

INTERDEPARTMENTAL CORRESPONDENCE

FILE NH-00TS(49) & NH-00TS(50), Dougherty County
P.I. No.'s 422670 & 422675
Upgrade Traffic Signals in the City of Albany &
Installation of Traffic Control Center in the City of Albany
Phillip M. Allen
FROM Phillip M. Allen, State Traffic Safety and Design Administrator
TO Meg Pirkle, Assistant Director of Preconstruction
SUBJECT Project Concept Report

OFFICE Traffic Safety & Design



Attached is the original copy of the Concept Report for your further handling in accordance with the Plan Development Process.

This project is currently scheduled for letting during Fiscal Year 2004. Any efforts to expedite the signature process will be greatly appreciated.

Please contact Derrick Cameron at (404) 635-8153, or Jim Tolson at (404) 635-8139, if you have any questions concerning this matter.

PMA:JET:DDC
Attachments

- Cc: David Mulling, Project Review Engineer, w/attachment
Harvey Keepler, State Environment Location Engineer, w/attachment
Carla Holmes, State Traffic Operations Engineer, w/attachment
Joe Palladi, State Transportation Planning Administrator, w/attachment
Percy Middlebrooks, State Transportation Financial Management Administrator, w/attachment
David Crim, District Engineer - District Four, w/attachment
Paul Liles, State Bridge & Structural Design Engineer, w/attachment

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF TRAFFIC SAFETY AND DESIGN
PROJECT CONCEPT REPORT**

Project Numbers: NH-00TS(49) & NH-00TS(50)

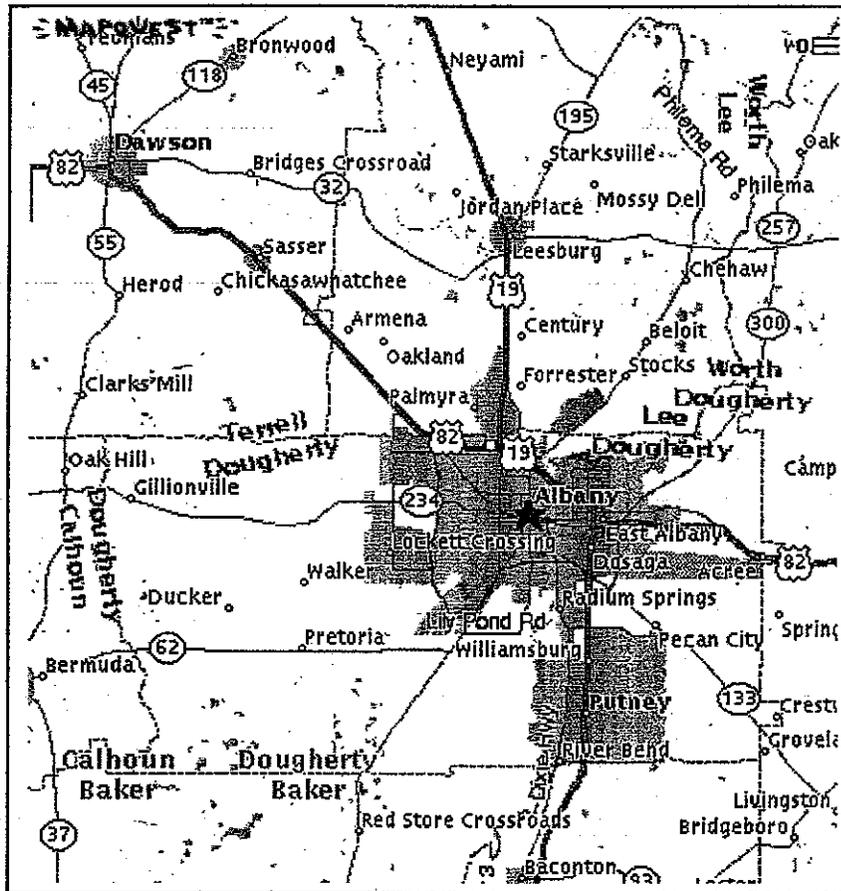
County: Dougherty

P. I. Numbers: 422670 & 422675

Federal Route Numbers: US 19 & 82 Bus.

State Route Numbers: SR 3, 62, 234, 300 & 520

**Albany Signal System Upgrade Phase 1
Albany Traffic Control Center**



Recommendation for Approval:

11-6-03 *Phillip M Allen*
Date State Traffic Safety & Design Engineer

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

Date State Traffic Operations Engineer

Date State Transportation Planning Administrator

Date State Transportation Programming Engineer

Date State Environmental/Location Engineer

Date District Engineer

Date Project Review Engineer

10/27/03 *[Signature]*
Date Director of Engineering, City of Albany

Need and Purpose Statement:

The existing signal system along Slappey Blvd. was installed 32 years ago. Although the controller equipment has been replaced once since then, the support structures, wiring and some signal displays have not been upgraded and are in need of replacement. Additionally, the existing copper interconnect system is susceptible to weather related disruption. As the traffic along Slappey Blvd. has increased to nearly 30,000 vehicles per day, a modern signal system is required to provide safe and efficient traffic progression to the motoring public.

This project will provide for the upgrade of 13 traffic signals along the Slappey Blvd. corridor to meet current design standards while constructing a direct connect 2070 signal system. A fiber optic trunk line will be installed along Slappey Blvd. and Pine Ave. back to the existing City of Albany Traffic Engineering Department at 240 Pine Ave.

A Traffic Control Center (TCC) will be constructed within the Traffic Engineering Department for signal system monitoring and future incorporation into the Statewide NaviGator Advanced Traffic Management System. Additionally, a remote TCC location will be installed inside the City signal shop at 1127 Highland Ave.

Project Name: Albany Signal System Upgrade Phase 1
Albany Traffic Control Center

Project Description:

Upgrade existing traffic signals, install fiber optic communications cable, and construct a Traffic Control Center (TCC) in the City of Albany. Exhibit 1 shows the project location.

Traffic Signals

Thirteen (13) traffic signals will be upgraded along Slappey Blvd (US 19 & 82 Bus/SR 62 & 234) from Gordon Ave. to Liberty Expressway (US 19 & 82/SR 3, 300 & 520). New poles, span wire, signals heads, vehicle detectors and pedestrian signal equipment will be installed. New 2070 traffic controllers and 332 cabinets will be installed. Pavement markings and curb ramps will be installed as necessary to meet ADA compliance regulations.

Communications Cable

Fiber optic communications cable will be installed for a direct connect 2070 signal system along Slappey Blvd., as well as signal system monitoring capabilities at the following facilities:

- Traffic Control Center (TCC) located at 240 Pine Ave.
- Signal shop located at 1127 Highland Ave.

Fiber optic trunk cable will be installed in existing Bellsouth conduit and in new 1-1/4" HDPE conduit along the following routes:

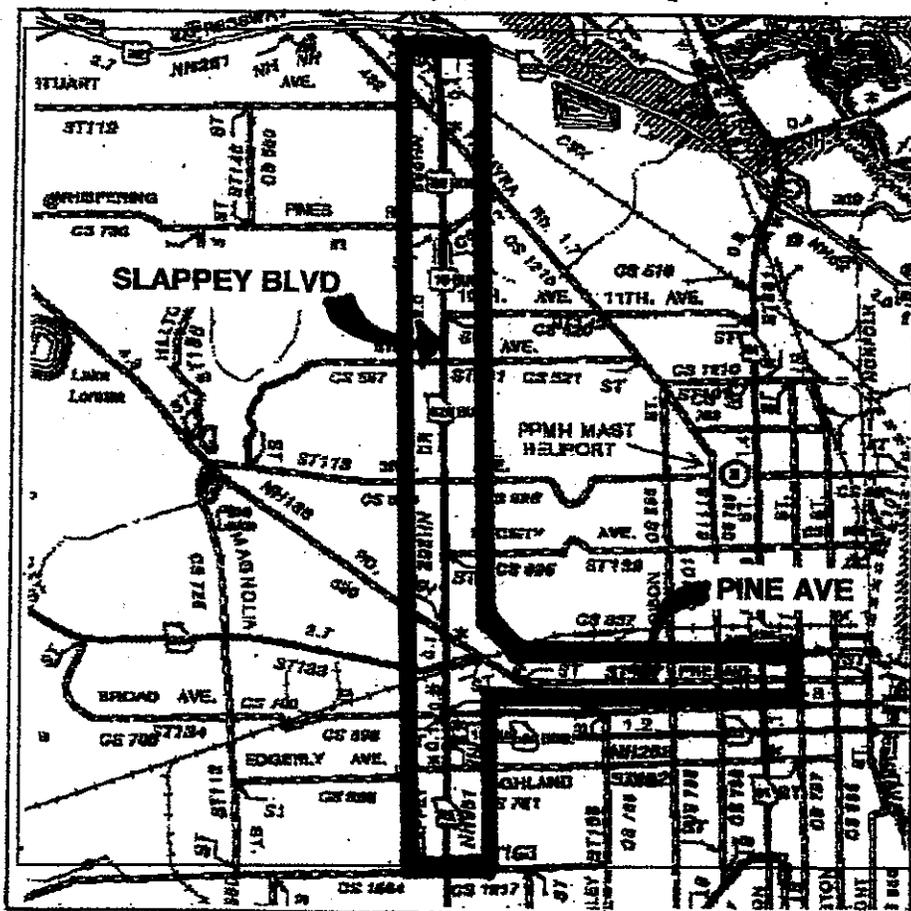
- Pine Ave. from Jackson St. to Slapppy Blvd.
- Slapppy Blvd. from Gordon Ave. to Liberty Expressway, interconnecting the traffic signals along Slapppy Blvd.

Conduit will be installed from the Bellsouth vaults to the City owned pull boxes at each signalized intersection, providing access to splice closures and maintenance loops in the pull boxes. A conduit stub will be installed from Jackson Street into the TCC building for routing of the fiber optic cable through the building and into the TCC operations room. Conduit will also be installed along Highland Ave. from Slapppy Blvd. to the signal shop at 1127 Highland Ave. (one block).

Traffic Control Center

The TCC will be constructed in an existing room of the Traffic Engineering Department, located on the 2nd floor at 240 Pine Ave. The TCC will be used for signal system monitoring and future incorporation into the NaviGator system. A remote monitoring location will also be constructed at the signal shop at 1127 Highland Ave.

Exhibit 1: Project Location Map



Is this project located in a Non-Attainment area? Yes No

PDP Classification: Minor project on existing location

Federal Oversight: Full oversight (X) Exempt () State Funded ()

Functional Classification:

- Pine Ave.: Urban Minor Arterial
- Slappey Blvd: Urban Principal Arterial

US Route Numbers: US 19 & 82 Bus.

State Route Numbers: SR 3, 62, 234, 300 & 520

Traffic (AADT):

Year 2002: Slappey Blvd. (29,748) Design Year: N/A

EXISTING CONDITIONS

Typical Section:

- Pine Ave.: 2-lane/4-lane undivided
- Slappey Blvd.: 5-lane undivided

Posted Speed Limit:

- Pine Ave.: 25/35 MPH
- Slappey Blvd: 35 MPH

Minimum Radius for Curve: N/A

Maximum Super-Elevation Rate for Curve: N/A

Maximum Grade: N/A

Width of Right of Way: Varies

Major Structures: N/A.

Major Interchanges or Intersections along Project: Slappey Blvd. @ Liberty Expwy.
(US 19 & 82, SR 3 & 520)

Existing Length of Roadway Segments:

Pine Ave.

- Begin MP (Slappey Blvd.) = 0.00
- End MP (Jackson St.) = 1.42
- Total = 1.42 miles

Slappey Blvd.

- Begin MP (Gordon Ave.) = 18.01
- End MP (Liberty Expwy.) = 21.32
- Total = 3.31 miles

Total length = 4.73 miles

PROPOSED DESIGN

Proposed Typical Section: Existing section to remain

Proposed Design Speed: Existing speed limit to remain

Proposed Minimum Radius for Curve: N/A

Proposed Maximum Super-Elevation Rate for Curve: N/A

Proposed Maximum Degree of Curve: N/A

Proposed Maximum Grade: N/A

Proposed Right of Way Width: N/A

Proposed Major Structures:

- Bridges: N/A
- Retaining Walls: N/A

Proposed Major Interchanges or Intersections along Project: Same as existing

Traffic Control during Construction:

Shoulder closures and/or lane closures will be necessary during installation of strain poles and trenching for conduit installation.

Design Exceptions Requested:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SIGHT DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CURVES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Design Variances: N/A

Environmental Concerns: None anticipated

Level of Environmental Analysis:

- | | | | |
|-------------------------------------------|-----|-------------------------------------|-----------------------------|
| • Are Time Saving Procedures appropriate? | Yes | <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| • Categorical Exclusion | | <input checked="" type="checkbox"/> | |
| • Environmental Assessment/FONSI | | <input type="checkbox"/> | |
| • Environmental Impact Statement | | <input type="checkbox"/> | |

Utility Involvements:

- Power service will be required for all traffic signals
- Fiber optic cable will be installed in Bellsouth conduit
- Bellsouth conduit crosses under Norfolk Southern railroad

Project Responsibilities:

- Design – Office of Traffic Safety & Design
- Right of Way Acquisition – Office of Right of Way, if required
- Relocation of Utilities – Office of Utilities, if required
- Letting to Contract – Office of Engineering Services (let by City of Albany)
- Supervision of Construction – District 4
- Providing Material Pits - none required
- Providing Detours – none required

Coordination:

- Initial Concept Meeting date and brief summary – to be determined
- Concept Meeting date and brief summary – to be determined
- PAR meetings, dates and results – N/A
- FEMA, USCG and/or TVA – N/A
- Public involvement – no public meeting anticipated
- Local government comments – City of Albany is providing PE services
- Other projects in the area – see attached list
- Other coordination to date – N/A
- Railroads – coordination as necessary for installation of fiber optic cable in Bellsouth conduit under Norfolk Southern railroad

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 3 months
- Time to complete preliminary construction plans: 3 months
- Time to complete right of way plans: N/A
- Time to complete the Section 404 permit: N/A
- Time to complete final construction plans: 3 months
- Time to complete the purchase of right of way: N/A
- List all other items that will affect the project schedule: N/A

Other Alternates Considered: No Build

Comments: This project will provide for the future expansion of the NaviGator system.

Attachments:

1. Preliminary Cost Estimate
2. List of other project in the area

Attachment 1

**Albany Signal System Upgrade-Phase 1
Albany Traffic Control Center
NH-00TS(49) & NH-00TS(50)
PI Nos. 422670 & 422675**

Conceptual Cost Estimate

Traffic Signal Upgrades	Quantity	Units	Unit Price	Subtotal
Traffic Control	1	lump	\$ 50,000.00	\$ 50,000.00
Curb Cut Wheelchair Ramps, Type A	100	each	\$ 800.00	\$ 80,000.00
Strain Pole, Tp 4	52	each	\$ 4,500.00	\$ 234,000.00
Traffic Signal Installation	13	lump	\$ 80,000.00	\$ 1,040,000.00
Thermoplastic Solid Traffic Stripe, 24 in, white	1600	lin ft	\$ 3.00	\$ 4,800.00
Thermoplastic Solid Traffic Stripe, 8 in, white	15600	lin ft	\$ 1.50	\$ 23,400.00
Traffic Signal Timing	1	lump	\$ 65,000.00	\$ 65,000.00
Subtotal Traffic Signal Upgrades				\$ 1,497,200.00

Fiber Optic Communications Cable	Quantity	Units	Unit Price	Subtotal
Install 3-1 1/2" Innerduct in 4" conduit	7000	lin ft	\$ 2.50	\$ 17,500.00
6" Concrete Core Bore	40	each	\$ 600.00	\$ 24,000.00
2-4" GSP Conduit, Trenched, with 36" cover	200	lin ft	\$ 65.00	\$ 13,000.00
3-1 1/4" HDPE Conduits, Bored, with 48" cover	20000	lin ft	\$ 21.00	\$ 420,000.00
Class B Concrete	7	cub yd	\$ 300.00	\$ 2,100.00
Concrete Sidewalk, 4 in	60	sq yd	\$ 25.00	\$ 1,500.00
OSP Fiber Optic Cable, Loose Tube, Single Mode, 96 F	9000	lin ft	\$ 6.00	\$ 54,000.00
OSP Fiber Optic Cable, Loose Tube, Single Mode, 24 F	20000	lin ft	\$ 5.00	\$ 100,000.00
OSP Fiber Optic Cable, Drop, Single Mode, 6 Fiber	2000	lin ft	\$ 2.50	\$ 5,000.00
Fiber Optic Closure, Underground, 96 Fiber	8	each	\$ 1,000.00	\$ 8,000.00
Fiber Optic Closure, Underground, 24 Fiber	12	each	\$ 750.00	\$ 9,000.00
Pull Box, PB-5	20	each	\$ 2,100.00	\$ 42,000.00
Testing	1	lump	\$ 5,000.00	\$ 5,000.00
Training	1	lump	\$ 5,000.00	\$ 5,000.00
Subtotal Communications Cable				\$ 706,100.00

Traffic Control Center	Quantity	Units	Unit Price	Subtotal
Rear Projection Video Display	1	each	\$ 5,000.00	\$ 5,000.00
Video Switch	1	each	\$ 50,000.00	\$ 50,000.00
10/100 baseT Ethernet Hub	1	each	\$ 1,000.00	\$ 1,000.00
Ethernet Switch	1	each	\$ 1,000.00	\$ 1,000.00
Dell Workstation	4	each	\$ 2,000.00	\$ 8,000.00
21" SVGA Monitors	6	each	\$ 1,000.00	\$ 6,000.00
Digi Port Server	1	each	\$ 1,500.00	\$ 1,500.00
Digi Port Expansion Modules	1	each	\$ 1,500.00	\$ 1,500.00
Actra Server	1	each	\$ 10,000.00	\$ 10,000.00
Fiber Distribution Unit, 96 fiber	1	each	\$ 2,000.00	\$ 2,000.00
Fiber Distribution Unit, 24 fiber	1	each	\$ 500.00	\$ 500.00
Fiber Modem	15	each	\$ 1,500.00	\$ 22,500.00
Equipment Rack	2	each	\$ 2,000.00	\$ 4,000.00
Uninterruptible Power Supply	1	each	\$ 3,000.00	\$ 3,000.00
Console	2	each	\$ 2,000.00	\$ 4,000.00
Desk	1	each	\$ 1,000.00	\$ 1,000.00
Chair	3	each	\$ 400.00	\$ 1,200.00
Bookcase	1	each	\$ 200.00	\$ 200.00
File Cabinet	1	each	\$ 200.00	\$ 200.00
Credenza	1	each	\$ 400.00	\$ 400.00
4" ISP Conduit	200	lin ft	\$ 10.00	\$ 2,000.00
Install 3-1 1/2" Innerduct in 4" conduit	200	lin ft	\$ 2.50	\$ 500.00
ISP Fiber Optic Cable, Loose Tube, Single Mode, 96 F	300	lin ft	\$ 6.00	\$ 1,800.00
HVAC	1	each	\$ 20,000.00	\$ 20,000.00
Subtotal Traffic Control Center				\$ 147,300.00

Project Subtotal	\$ 2,350,600.00
10% E & C	\$ 235,060.00
Total	\$ 2,585,660.00

Attachment 2

Albany Signal System Upgrade-Phase 1

Albany Traffic Control Center

NH-00TS(49) & NH-00TS(50)

PI Nos. 422670 & 422675

Other Projects in the Albany Area

Project No.	Location	Project Description	FY
NH-0006-5(55)	Liberty Expwy & N. Jefferson Ave.	Widen WB Ramps	2004
NH-0006-5(56)	Liberty Expwy & Clark Ave.	Widen SB Off-Ramp	2004
SRP-133(6)	Gillionville Rd from Lockett Sta Rd to Beattie Rd	Widen to 4 lanes	2003
NHS-0002-00(445)	Oglethorpe Blvd from Washington St to Liberty Expwy	Widen from 5 to 6 lanes	2003
STP-0002-00(409)	Clark Ave from Liberty Expwy to SR 300	Widen from 5 to 6 lanes	2007
STP-00MS(144)	Slapppy Blvd from Tift Ave to Colquitt Ave	Widen from 4 to 6 lanes	2006
STP-000-00(473)	SR 133 from Liberty Expwy to County Line Rd	Widen to 4 lanes	Long Range

Recommendation for Approval:

11-6-03 *Phillip M Allen*
Date State Traffic Safety & Design Engineer

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

Date State Traffic Operations Engineer

Joseph P. Kelly
Date State Transportation Planning Administrator

Date State Transportation Programming Engineer

Date State Environmental/Location Engineer

Date District Engineer

Date Project Review Engineer

10/27/03 *Philip M. Allen*
Date Director of Engineering, City of Albany

Project Concept Report
Project Numbers: NH-00TS(49) & NH-00TS(50)
P. I. Numbers: 422670 & 422675
County: Dougherty

Page 2 of 8
October 23, 2003

Recommendation for Approval:

11-6-03 *Phillip M Allen*
Date State Traffic Safety & Design Engineer

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

Date State Traffic Operations Engineer

Date State Transportation Planning Administrator

11-17-03 *Roy Mitchell*
Date State Transportation Programming Engineer

Date State Environmental/Location Engineer

Date District Engineer

Date Project Review Engineer

10/27/03 *John A. ...*
Date Director of Engineering, City of Albany

Recommendation for Approval:

11-6-03 *Phillip M Allen*
Date State Traffic Safety & Design Engineer

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

Date State Traffic Operations Engineer

Date State Transportation Planning Administrator

Date State Transportation Programming Engineer

11.18.03 *Alvin D. Kippen*
Date State Environmental/Location Engineer

Date District Engineer

Date Project Review Engineer

10/27/03 *Philip Allen*
Date Director of Engineering, City of Albany

Recommendation for Approval:

11-6-03 *Phillip M Allen*
Date State Traffic Safety & Design Engineer

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

Date State Traffic Operations Engineer

Date State Transportation Planning Administrator

Date State Transportation Programming Engineer

Date State Environmental/Location Engineer

Date District Engineer

11-13-03 *David J Mullery*
Date Project Review Engineer

10/27/03 *Philip J. O'Connell*
Date Director of Engineering, City of Albany