

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0005653, Cobb County **OFFICE** Preconstruction
STP-0005-00(653)
Cobb County ITS Enhancement, Ph. 4 **DATE** March 21, 2005

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

TO *FM* 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
Ken Thompson
Jamie Simpson
Michael Henry

Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0005-00(653) Cobb County **OFFICE** Preconstruction
P.I. No. 0005653
Cobb County ITS Enhancement, Phase 4 **DATE** February 2, 2005

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the installation of fiber optic cable on portions of the East/West Connector, Barrett Parkway/Piedmont Road, Atlanta Road, Hicks Road/Floyd Road, Powder Springs Road and Roswell Road to improve communications reliability and provide new communications between traffic signals and CCTVs with the Cobb County TCC.

The project will consist of the installation of a communication backbone of fiber optic cable. Closed circuit television cameras (CCTV) will be installed at specific locations for traffic surveillance and connected by fiber optic cable with the Cobb County TCC. Existing CCTVs, changeable message signs (CMS) and existing traffic signal controllers will also be connected by fiber optic cable with the Cobb County TCC. In addition to the field components the Cobb County TCC will also be upgraded. The CMS and CCTV connected in the project will be integrated into the Georgia DOT NaviGator.

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

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)	\$3,594,000	\$3,266,000	Q23	2005
Right-of-Way & Utilities*	LGPA	-----		

*Cobb County signed PMA on 6-30-03 for PE, right-of-way, utilities and 20% of construction.

D.E.

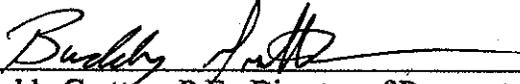
Paul V. Mullins
Page 2

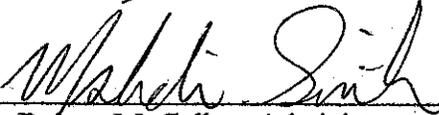
STP-0005-00(653) Cobb
February 2, 2005

I recommend this project concept be approved.

MBP:JDQ/cj

Attachment

CONCUR 
Buddy Gratton, P.E., Director of Preconstruction

APPROVE 
for Robert M. Callan, Administrator, FHWA

APPROVE 
Paul V. Mullins, P.E., Chief Engineer
David E. Studstill, Jr.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-0005-00(653) Cobb **OFFICE:** Engineering Services
P.I. No.: 0005653
Cobb Co. ITS Enhancement, Phase 4

DATE: January 24, 2005

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

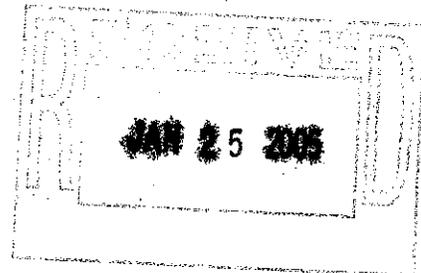
We have reviewed the Concept Report submitted January 20, 2005 by the letter from Phillip Allen dated January 18, 2005 and have no comments.

The costs for this project are:

Construction	\$3,110,857
Inflation	\$155,543
E&C	\$326,640
Reimbursable Utilities	\$272,800 (Cobb Co.)
Right of Way	\$0.00

REW

c: Keith Golden, Attn.: Jim Tolson



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0005-00(653) Cobb Co.
P.I. No. 0005653
Cobb Co ITS Enhancement Phase 4

OFFICE Traffic Safety and Design
DATE January 18, 2005

FROM *PMA/JET*
Phillip M. Allen, State Traffic Safety and Design Engineer

TO Meg Pirkle, Assistant Director of Preconstruction

SUBJECT **Project Concept Report**

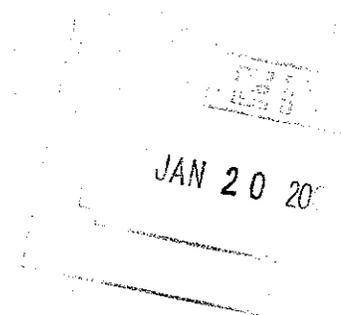
Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

If you have any questions, please contact Jim Tolson at (404)635-8139.

Attachment

PMA:JET

CC: David Mulling, Project Review Engineer, w/attachment
Harvey Keeper, State Environment/Location Engineer, w/attachment
Jamie Simpson, State Financial Management Administrator, w/attachment
Bryant Poole, District Engineer – District 7, w/attachment
Joe Palladi, State Transportation Planning Administrator, w/attachment
Carla Holmes, State Traffic Operations Engineer, w/attachment



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

Project Number: STP-0005-00 (653)

County: Cobb

P. I. Number: 0005653

Federal Route Number:

State Route Number: SR 120

Recommendation for approval:

DATE 1-18-05

James S. Allen
Project Manager

DATE 1-18-05

Keith S. Sald
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 Program (RTP) and the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

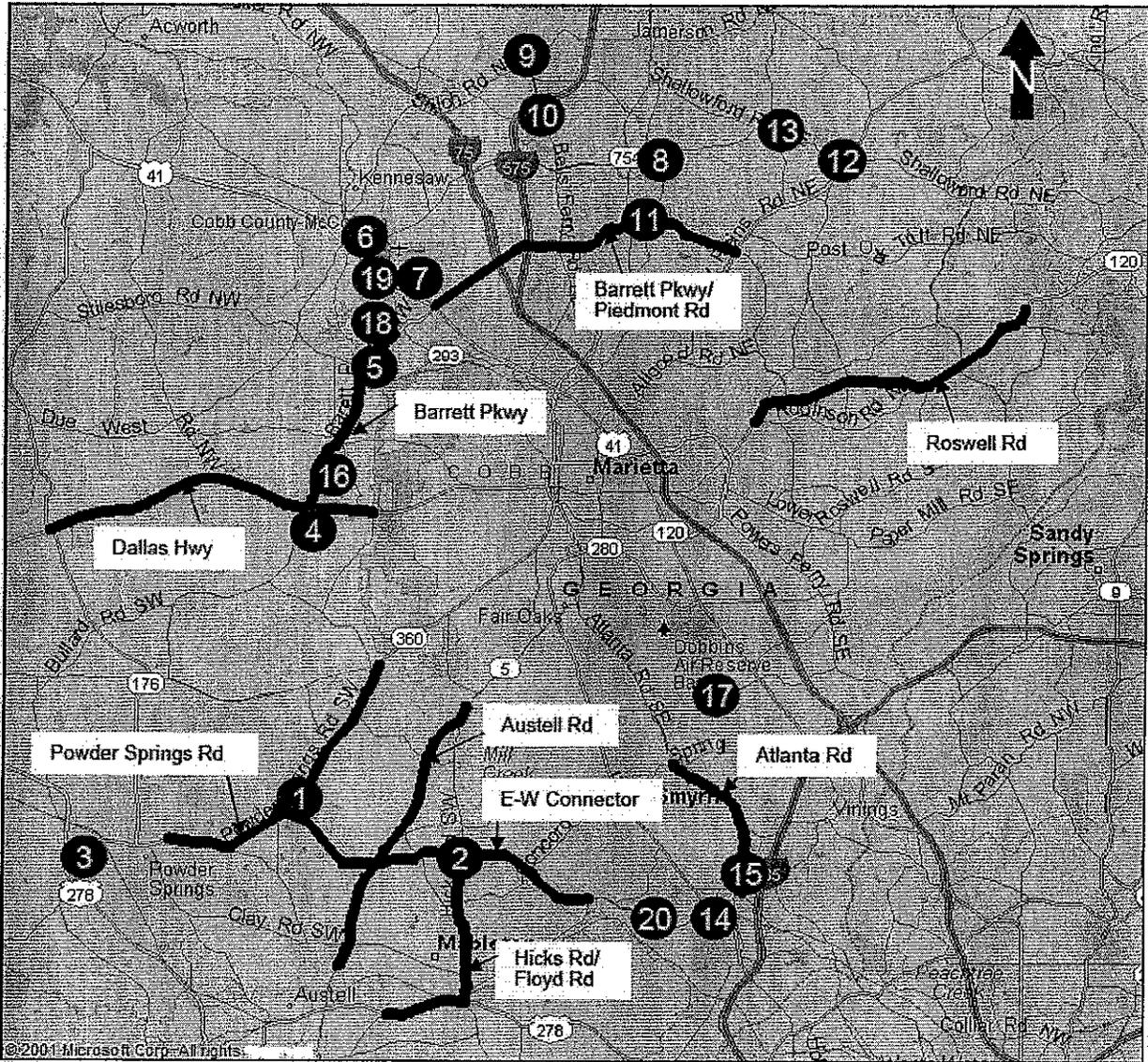
DATE _____

District Engineer

DATE _____

Project Review Engineer

Figure 1: Project Location Map



-  CCTV SITE
-  CORRIDOR

Need and Purpose: The corridors defined in the scope of this project (East/West Connector, Austell Road, Barrett Parkway Extension/Dallas Highway, Barrett Parkway/Piedmont Road, Atlanta Road, Hicks Road/Floyd Road, Powder Springs Road, Roswell Road) currently have either no communication between signals or partial copper interconnect. As a result, communication between traffic signals is limited. In addition, the identified corridors currently do not have or can only support limited Intelligent Transportation Systems (ITS) elements.

The purpose of the project is to expand upon the Advanced Transportation Management System (ATMS) communication routes along the above mentioned corridors. The project will provide a fiber optic backbone along the corridors for the deployment of various ITS elements.

Additionally, the fiber will provide traffic signal communication for the implementation of signal coordination and monitoring. This coordination will improve existing traffic operations, minimize vehicular delay and improve overall safety along the designated corridors.

In addition to signal communication, the fiber backbone will allow for the placement of CCTV cameras. The cameras will be mounted on strain poles, which will allow Cobb County and GDOT surveillance of the above-mentioned corridors. The addition of the fiber optic backbone, CCTV cameras and interconnection of the traffic signals back to the County TCC has the potential of providing the following:

- Monitoring and early detection of arterial incidents
- Signal timing monitoring and fine tuning
- Signal trouble call verification allowing timely and proper dispatch of required resources
- Monitoring of accident "hot spots" to identify potential remedies
- Detour routes monitoring and implementation

Description of the proposed project:

The Cobb County ITS Enhance Phase 4 project expands upon the current Intelligent Transportation Systems (ITS) in Cobb County. The project will consist of the installation of a communication backbone of fiber optic cable. Closed Circuit Television Cameras (CCTV) will be installed at specified locations for traffic surveillance and connected by fiber optic cable with the Cobb County TCC. Existing CCTVs, Changeable Message Signs (CMS) and existing traffic signal controllers will also be connected by fiber optic cable with the Cobb County TCC. The CMS and CCTV connected in the project will be integrated into the Georgia DOT NavigAtor. The eight corridors throughout Cobb County which will be included in this project are shown in the following table.

Corridor	Length	Number of Traffic Signals
East-West Connector/Austell Road		
Fontaine Road to Macedonia Road	6.1 Miles	14
Austell Road		
Windy Hill Road to Perkerson Mill Road	5.3 Miles	14
Barrett Parkway Extension/Dallas Highway		
CMS to Dallas Highway	3.7 Miles	3
John Ward Road to Mars Hill Road	5.9 Miles	13
Barrett Parkway/Piedmont Road		
Cobb Parkway to Sandy Plains	6.0 Miles	22
Atlanta Road		
Spring Road to East/West Connector	3.0 Miles	8
Hicks Road/Floyd Road		
East-West Connector to Nickajack Road	4.1 Miles	4
Powder Springs Road		
Macland Road to Sailors Parkway (SR 176)	5.9 Miles	11
Roswell Road		
Robinson Road to Bishop Lake Road	5.5 Miles	15
Total	45.5 Miles	104

Twenty CCTV sites throughout Cobb County will also be included in this project. The deployment includes the following sites:

CCTV Site	Location
1	East-West Connector at Powder Springs Road
2	East-West Connector at Hicks Road
3	U.S. 278 at Sailors Parkway
4	Barrett Parkway at Dallas Highway
5	Barrett Parkway at Stilesboro Road
6	U.S. 41 at McCollum Parkway
7	U.S. 41 north of Vaughn Road (CMS)
8	Canton Road at Blackwell Road
9	Bells Ferry Road at Shallowford Road
10	I-575 at Bells Ferry Road
11	Canton Road at East Piedmont Road
12	Sandy Plains Road at Shallowford Road
13	Shallowford Road at Steinhauer Road
14	East-West Connector at South Cobb Drive
15	East-West Connector at Atlanta Road
16	Barrett Parkway Extension approaching Dallas Highway
17	Windy Hill Road at CMS
18	Barrett Parkway at CMS
19	North Cobb Parkway at CMS
20	East-West Connector at CMS

In addition to the field components, the Cobb County TCC will also be upgraded. The TCC upgrade will include:

- New large-screen display, nominally a 40-inch plasma monitor
- Upgraded TV23 production system with increased video input capability (up to 32 channels) and off-line program editing functions
- New video display multiplexer
- New serial data terminal server equipment
- New video switch, 200X40
- New video display monitors in two offices

Project Concept Report page 6
Project Number: STP-0005-00(653)
P. I. Number: 0005653
County: Cobb

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

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

Functional Classification: _____

East-West Connector:	Major Principal Arterial
Austell Road:	Major Principal Arterial
Barrett Parkway:	Major Principal Arterial
Dallas Highway:	Major Principal Arterial
Barrett Parkway:	Major Principal Arterial
Piedmont Road:	Major Principal Arterial
Atlanta Road:	Major Principal Arterial
Hicks Road:	Minor Arterial Street
Floyd Road:	Minor Arterial Street
Powder Springs Road:	Major Principal Arterial
Roswell Road:	Major Principal Arterial

U. S. Route Number(s):

State Route Number(s): SR 120

Traffic (AADT):

Current Year: (20XX) N/A Design Year: (20YY) N/A

Existing design features:

- Typical Section: (*Describe number & width of lanes, turn lanes, curb & gutter, sidewalks, etc.*): **Various**
- Posted speed: **Various** Maximum degree of curvature: **N/A**
- Maximum grade: **N/A**
- Width of right of way: **Various**
- Major structures: _____ List all bridge structures including length, width, and sufficient rating).

East-West Connector:

E-W Connector over Nickajack Creek Bridge:

Structure ID: 067-51790 Length: 940 ft Width 82.4 ft Sufficiency Rating: 93.4

Barrett Parkway:

I-75 NBL over Barrett Pkwy:

Structure ID: 067-0081-0 Length: 230 ft Width 56.4 ft Sufficiency Rating: 91.85

I-75 SBL over Barrett Pkwy:

Structure ID: 067-0082-0 Length: 226 ft Width 56.5 ft Sufficiency Rating: 92.78

I-575 NBL over Barrett Pkwy:

Structure ID: 067-00810 Length: 220 ft Width 54.0 ft Sufficiency Rating: 97.0

I-575 SBL over Barrett Pkwy:

Structure ID: 067-00820 Length: 226 ft Width 54.0 ft Sufficiency Rating: 98.0

- Major interchanges or intersections along the project:

East-West Connector:

@ Powder Springs Rd, @ Austell Rd

Austell Road:

@ Windy Hill Rd, @ E-W Connector

Barrett Parkway:

@ Stilesboro Rd, @ Dallas Hwy, @ Cobb Pkwy, @ I-75, @ Busbee Pkwy,
@ I-575, @ Chastain Meadow Pkwy, @ Bells Ferry Rd, @ Canton Rd

Dallas Highway:

@ Mars Hill Rd, @ Barrett Pkwy, @ John Ward Rd

Piedmont Road:

@ Sandy Plains Rd

Atlanta Road:

@ Spring Rd, @ Paces Ferry Rd, @ Cumberland Pkwy

Hicks Road:

@ E-W Connector, @ Floyd Rd

Floyd Road:

@ Hicks Rd

Powder Springs Road:

@ Macland Rd, @ E-W Connector, @ Forest Hill Rd

Roswell Road:

@ E. Piedmont Rd, @ Robinson Rd, @ Johnson Ferry Rd

- Existing length of roadway segment:

East-West Connector:	6.1 Miles
Austell Road:	5.3 Miles
Barrett Parkway/Dallas Highway:	9.6 Miles
Barrett Parkway/Piedmont Road:	6.0 Miles
Atlanta Road:	3.0 Miles
Hicks Road/Floyd Road:	4.1 Miles
Powder Springs Road:	5.9 Miles
Roswell Road:	5.5 Miles

Proposed Design Features:

- Proposed typical section(s): **Existing section will remain**
- Proposed Design Speed Mainline: **N/A**
- Proposed Maximum grade Mainline: **N/A** Maximum grade allowable **N/A**
- Proposed Maximum grade Side Street: **N/A** Maximum grade allowable **N/A**
- Proposed Maximum grade driveway: **N/A**
- Proposed Maximum degree of curve: **N/A** Maximum degree allowable: **N/A**
- Right of way: **Existing right-of-way width will remain**
 - Width _____
 - Easements: Temporary (), Permanent (), Utility (), Other ()
 - Type of access control: Full (), Partial (), By Permit (), Other ()
 - Number of parcels: _____ Number of displacements:
 - Business: _____
 - Residences: _____
 - Mobile homes: _____
 - Other: _____
- Structures:
 - Bridges (*Describe*) **N/A**
 - Retaining walls (*Describe alternates*) **N/A**
 - Steel poles for CCTV cameras inside the existing right-of-way will be required at identified locations**
- Major intersections and interchanges. **N/A**
- Traffic control during construction: *Include a description of any proposed detours.*
Traffic control for aerial fiber optic cable installation will require a combination of shoulder and right lane closures. Traffic control for underground fiber optic cable installation will require shoulder closures only. Traffic signals will remain functioning while they are migrating from existing communication to new fiber communication. CCTV camera installation may require temporary right lane closure on the identified arterials.

- 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)

This area of the Concept Report is for the indication of potential deviations from the controlling criteria followed by the Department. A brief description of the potential deviation should be included in the report. A design exception must be granted for design exceptions.

- Design Variances; *(List design variances expected)*. **N/A**
- Environmental concerns: *(Describe anticipated permits (Section 404, TVA, Water quality, etc.), ust's, hazardous waste sites, history, archaeological, etc.)* **None**
- Level of environmental analysis anticipated:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements: **Utility owners will be required to make ready various aerial attachments on existing utility poles.**

Project responsibilities:

- Design: **Cobb County DOT**
- Right of Way Acquisition: **Cobb None Required**
- Relocation of Utilities: **Cobb County DOT**
- Letting to contract: **Cobb County DOT**
- Supervision of construction: **Cobb County DOT**
- Providing material pits: **N/A**
- Providing detours: **N/A**

Coordination

- Concept meeting date and brief summary. Attach minutes.
- P. A. R. meetings, dates and results. **None Required**
- FEMA, USCG, and/or TVA **N/A**
- Public involvement. *(List coordination meetings with citizen groups, public officials, and public hearings and public information meetings. Give a brief summary of the significant meetings and the results and decisions as a result thereof.)* **N/A**
- Local government comments. *(Give a brief summary and attach minutes.)* **None**
- Other projects in the area.
 - CSSTP-00006-00(12) Barrett Pkwy @ Cobb Place Blvd (East) Costco Dwy
 - Barrett Pkwy At Stilesboro Rd, Add NB & SB RT Lanes
 - STP-0000-00(558) Barrett Pkwy@ Cobb Pkwy/SR 3& Cobb Place Blvd
 - STP-0000-00(559) Barrett Pkwy@ Roberts Blvd/Greers Chapel Road

Project Concept Report page 10
Project Number: STP-0005-00(653)
P. I. Number: 0005653
County: Cobb

NH-575-1(35) I-575 @ Barrett Pkwy
STP-0004-00(405) SR 5/Austell Rd At 11 Intersections Between Sandtown & Hospital
South
Austell Rd @ EW Connector
Powder Springs @ EW Connector
E-W Connector At Hicks Rd Intersection Improvement
STP-0004-00(447) SR 120/Dallas Road at Barrett Pkwy
STP-0004-00(448) SR 1120/Roswell Road At Johnson Ferry Road
Roswell Rd (EB Right Turn Lane At Indian Hill Pkwy)
STP-114-1(72) Roswell Rd (120 Loop) – E. Piedmont Road
Sandy Plains @ E. Piedmont
STP-0004-00(450) ITS Integration in Cobb County
CM-0004-00(58) SR 120/Dallas Hwy From John Ward Rd To Paulding County Line
STP-0004-00(510) Floyd Rd From US 78/278 Veterans Memorial Hwy To Hicks Rd
7404-11B Floyd Rd (Fontaine Rd to Hicks Rd, Phase II)

- Other coordination to date. **None**
- Railroads (*Discuss the ownership and future use of the railroad.*) **N/A**

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 3 Months.
- Time to complete preliminary construction plans: 4 Months.
- Time to complete right of way plans: N/A Months.
- Time to complete the Section 404 Permit: N/A Months.
- Time to complete final construction plans: 9 Months.
- Time to complete to purchase right of way: N/A Months.
- List other major items that will affect the project schedule:
 - Communication Control Board 3 Months.
 - Utility Coordination 3 Months

Other alternates considered: (*Describe in summary and coordinate with environmental. If rejected ensure environmental is in agreement*).

Alternate 1: Installation of fiber trunk cable, ITS elements along eight corridors and CCTV Camera Systems at twenty identified locations in Cobb County.

Alternate 2: No Build

Comments: N/A

Attachments:

1. Cost Estimates

Project Concept Report
 Project Number: STP-0005-00(653)
 P. I. Number: 0005653
 County: Cobb

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-0005-00(653)
 DATE: 04-12-2004
 PREPARED BY: ARCADIS

COUNTY: COBB
 ESTIMATED LETTING DATE: 2005
 PROJECT LENGTH: 45.5 MILES

PROGRAMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV

PROJECT COST	
A. RIGHT-OF-WAY	
1. PROPERTY (LAND & EASEMENT)	\$0
2. DISPLACEMENT; RES: 0, BUS; 0, M.H.: 0	\$0
3. OTHER COST (ADM./COST, INFLATION, ETC)	\$0
SUBTOTAL: A	\$0
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$0
2. TRANSMISSION LINES	\$0
3. SERVICES	\$272,800
SUBTOTAL: B	\$272,800
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. OVERPASSES	\$0
b. OTHER	\$0
SUBTOTAL: C-1	\$0
2. GRADING AND DRAINAGE	
a. EARTH WORK	\$0
b. DRAINAGE	\$0
SUBTOTAL: C-2	\$0
3. BASE AND PAVING	
a. 8" GR AGGR BASE CRS -	\$0
b. ASPHALT PAVING	\$0
SUBTOTAL: C-3	\$0
4. LUMP ITEMS	
a. TRAFFIC CONTROL	\$20,000
b. CLEARING AND GRUBBING	\$0
c. GRASSING	\$0
d. EROSION CONTROL	\$10,000
SUBTOTAL: C-4	\$30,000
5. SIGNAL INSTALLATIONS: NONE	
SUBTOTAL: C-5	\$0
6. ATMS (SEE ATTACHED ATMS COST ESTIMATE FOR DETAILS)	
a. SIGNAL COMMUNICATIONS	\$2,111,087
b. CCTV CAMERA SYSTEMS	\$497,420
c. TCC UPGRADES	\$209,550
SUBTOTAL: C-6	\$2,818,057

Project Concept Report
 Project Number: STP-0005-00(653)
 P. I. Number: 0005653
 County: Cobb

PROJECT COST	
7. MISCELLANEOUS ITEMS:	
a. SIGNING & STRIPING	\$0
b. FIELD OFFICE	\$0
	SUBTOTAL: C-7
	\$0
8. SPECIAL FEATURES: NONE	
	SUBTOTAL: C-8
	\$0

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY	\$0
B. REIMBURSABLE UTILITIES:	\$272,800
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$0
3. BASE AND PAVING	\$0
4. LUMP ITEMS	\$30,000
5. SIGNAL INSTALLATIONS:	\$0
6. ATMS	\$2,818,057
7. MISCELLANEOUS ITEMS	\$0
8. SPECIAL FEATURES	\$0
SUBTOTAL CONSTRUCTION COST	\$3,110,857
INFLATION (5% PER YEAR)	\$155,543
NUMBER OF YEARS:	1
TOTAL CONSTRUCTION COST	\$3,266,400
GRAND TOTAL PROJECT COST	\$3,266,400

This project is 100% in District 7, Cobb County.

Project Concept Report
 Project Number: STP-0005-00(653)
 P. I. Number: 0005653
 County: Cobb

SCORING RESULTS AS PER TOPPS 2440-2

Project Number: STP-0005-00(653)		County: Cobb		PI No.: 0005653	
Report Date:		Concept By: DOT Office: Traffic Safety & Design			
<input type="checkbox"/> CONCEPT		Consultant: ARCADIS			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input type="checkbox"/> Minor	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation					
Judgement					
Environmental					
Right of Way					
Utility					
Constructability					
Schedule					

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

Project Number: STP-0005-00 (653)

County: Cobb

P. I. Number: 0005653

Federal Route Number:

State Route Number: SR 120

Recommendation for approval:

DATE 1-18-05

James S. Tolson
Project Manager

DATE 1-18-05

Keith Gold
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 Program (RTP) and the State Transportation Improvement Program (STIP).

DATE 1/21/05

Joseph P. Peltola
State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

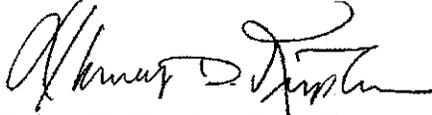
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0005653

OFFICE: Environment/Location

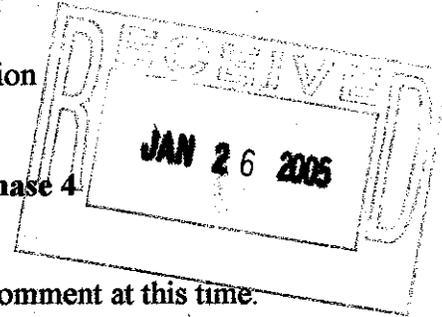
DATE: January 24, 2005



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

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

**SUBJECT: PROJECT CONCEPT REPORT
STP-0005-00(653) / Cobb County / ITS Enhancement Phase 4**



The above subject concept report has been reviewed. This Office has no comment at this time.

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

HDK/lc

Attachment

cc: David Mulling, P.E., Project Review Engineer
Phillip M. Allen, State Traffic Safety and Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

Project Number: STP-0005-00 (653)

County: Cobb

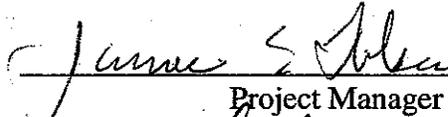
P. I. Number: 0005653

Federal Route Number:

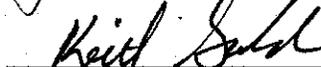
State Route Number: SR 120

Recommendation for approval:

DATE 1-18-05


Project Manager

DATE 1-18-05


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 Program (RTP) and the State Transportation Improvement Program (STIP).

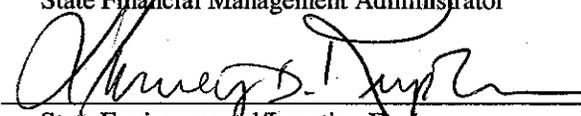
DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE 1.24.05


State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

Project Number: STP-0005-00 (653)

County: Cobb

P. I. Number: 0005653

Federal Route Number:

State Route Number: SR 120

Recommendation for approval:

DATE 1-18-05

James S. Allen
Project Manager

DATE 1-18-05

Keith Gold
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 Program (RTP) and the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE 1-24-05

James Dinger
State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

Project Number: STP-0005-00 (653)

County: Cobb

P. I. Number: 0005653

Federal Route Number:

State Route Number: SR 120

Recommendation for approval:

DATE 1-18-05

James S. Allen
Project Manager

DATE 1-18-05

Keith S. Solt
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 Program (RTP) and the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE 1/24/05

David J. Mullery
Project Review Engineer