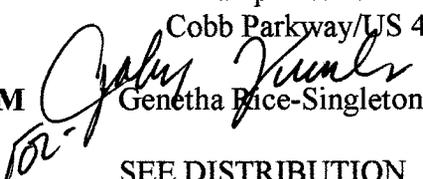


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006400, Cobb-Fulton Counties **OFFICE** Preconstruction
CSNHS-0006-00(400)
I-285 Ramp Meters from I-20, Fulton to
Cobb Parkway/I-285 41, Cobb **DATE** October 31, 2006

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER
FHWA

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0006400, Cobb-Fulton Counties **OFFICE** Preconstruction
 CSNHS-0006-00(400)
 I-285 Ramp Meters from I-20, Fulton to
 Cobb Parkway/US 41, Cobb **DATE** September 25, 2006

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO  David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project will install ramp meters which will include the installation of IVDS cameras and CCTV cameras at all entrance ramp locations along I-285 from I-20 to Cobb Parkway/US 41. The ramp meters will control the release of vehicles onto the corridor during peak hours, thereby reducing congestion and stabilizing the flow of traffic that typically occurs at heavy volume merge locations. The operation of ramp meters will create a smoother flow of traffic and reduce the potential for traffic crashes during peak hours.

Ramp meters will be installed at all non-interstate-to-interstate entrance ramps between the above listed project limits. Each ramp meter will require an IVDS camera to monitor operation of mainline lanes, as well as CCTV cameras for visual coverage along the length of the ramp. All supporting hardware utilized for the installation of ramp meters are included in this project, including IVDS, CCTV, poles and/or mast arms, lane markings, signal assemblies, controller cabinets, and signage.

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)	\$1,073,000	\$750,000	GRVA	2007
Right-of-Way & Utilities	-0-	-0-		

David Studstill

Page 2

P. I. No. 0006-00(400), Cobb-Fulton

September 25, 2006

I recommend this project concept be approved.

GRS:JDQ/cj

Attachment

CONCUR



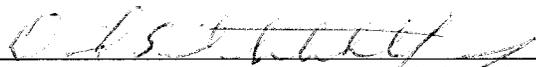
Todd I. Long, P.E., Director of Preconstruction

APPROVE



Robert M. Callan, Administrator, FHWA

APPROVE



David E. Studstill, Jr., P.E., Chief Engineer



U.S. Department
of Transportation

**Federal Highway
Administration**

61 Forsyth Street, S.W.
Suite 17T100
Atlanta, Georgia 30303

In Reply Refer To:
HTM-GA

Georgia Division

August 16, 2006

Harold E. Linnenkohl, Commissioner
Georgia Department of Transportation
No. 2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

Attention: Mr. Keith Golden, P.E., State Traffic Safety and Design Engineer

Subject: Project Concept Reports for Ramp Metering Projects CSNHS-0006-00(335) Fulton-Forsyth Counties, CSNHS-0006-00(400) Cobb/Fulton Counties, and CSNHS-0006-00(401) Henry/Clayton/Fulton Counties

Dear Mr. Linnenkohl:

We have received your July 13, 2006 and July 17, 2006 Project Concept Reports for the subject projects. We have the following comments.

- All three project concept reports indicate potential design exceptions for sub-standard shoulder width. It is appropriate to identify this potential. In addition, please include information in the reports regarding which ramps would likely need more vehicle storage. With this information, we can then begin to evaluate alternatives to avoid or mitigate sub-standard features related to providing additional storage.
- The project reports for CSNHS-0006-00(335) and CSNHS-0006-00(401) indicate potential design exceptions for design speed. It is not clear why this would be the case based on the installation of ramp meters and associated ATMS. Please include in the reports explanations of the issues that may lead to potential design exceptions for design speed.
- Each project report includes a description and a figure showing the project area. The description texts should reference the figures, including page numbers.



- The coordination section of each report indicates the concept meeting date and brief summary are "To be Determined." This section of each report should be updated to indicate that these concept meetings were held on June 7, 2006 and include a summary of each meeting.
- The project report for CSNHS-0006-00(401) indicates seven ramp meters on page 5, and eight ramp meters on page 10. These numbers should be rectified.

Please address our comments and re-submit the Project Concept Reports for our action. With regards to the design exceptions, we think it is too early in the process for these projects to commit to sub-standard features and for GDOT to complete and submit design exception justifications. However, including in the project concept reports explanations of reasons and locations for the potential design exceptions, some explanation of the possible scope of alternatives to the potential design exceptions, and the scope of potential impacts that may occur if designed to meet full standards will aid our collaboration regarding these potential design exceptions. For any sub-standard features that would be considered necessary, GDOT would submit design exception justifications at a more appropriate time in the project development process. We recognize each of these projects is scheduled for fiscal year 2007 letting, and this means the schedules are compressed; however, there is adequate time available to evaluate and develop design solutions to avoid or mitigate potential sub-standard features.

If you have any questions, or you would like to discuss this further, please contact Mr. Wayne Fedora, P.E. at (404) 562-3651.

Sincerely,

/s/gs

Robert M. Callan, P.E.
Division Administrator

File: CSNHS-0006-00(335), CSNHS-0006-00(400), and CSNHS-0006-00(401)
Reader: lm/H2268608.rwf

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

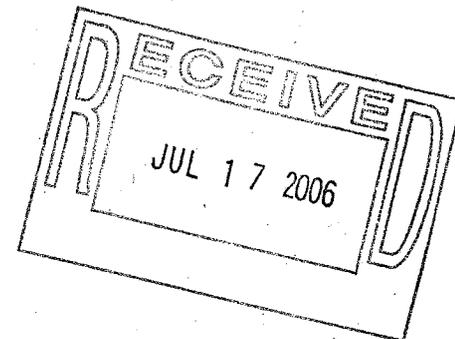
FILE: CSNHS-0006-00(400) Cobb/Fulton **OFFICE:** Engineering Services
P.I. No. 0006400
I-285 ATMS

DATE: July 14, 2006

FROM: Brian K. Summers, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT



We have reviewed the Concept Report submitted June 22, 2006 by the letter from Keith Golden dated June 22, 2006, and have no comments:

The costs for this project are:

Construction	\$975,000
Inflation	\$0.00
E & C	\$97,500
Reimbursable Utilities	\$0.00
Right of Way	\$0.00

REW

c: Keith Golden, Attn.: Jim Tolson

SCORING RESULTS AS PER MOG 2440-2

Project Number: CSNHS-0006-00(400)		County: Cobb/Fulton		PI No.: 0006400	
Report Date: June 21, 2006		Concept By: DOT Office: Traffic Safety and Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: Gresham Smith and Partners			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural	<input checked="" 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 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				

Project Concept Report
Project Number: CSNHS-0006-00(400)
PI Number: 0006400
County: Cobb and Fulton

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
JUN 29 2006
BY: _____

PROJECT CONCEPT REPORT

CSNHS-0006-00(400)
COBB & FULTON COUNTIES
P.I. NO. 0006400

FEDERAL ROUTE NO: NH-285-1, I-285
STATE ROUTE NO: 407

ATMS/I-285 Ramp Meters from I-20 Fulton to Cobb
Pkwy/US 41

RECEIVED
JUL - 5 2006

Recommendation for approval:

DATE 6-21-06 [Signature]
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/or the State Transportation Improvement Program (STIP).

- DATE _____
State Traffic Operations Engineer
- DATE 6/29/06 [Signature]
State Transportation Planning Administrator
- DATE _____
State Transportation Financial Management Administrator
- DATE _____
State Environmental / Location Engineer
- DATE _____
District Engineer
- DATE _____
Project Review Engineer

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: CSNHS-0006-00(400) COBB & FULTON COUNTIES

P. I. NO. 0006400

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 projects.

Date of Location and Design Approval: OCTOBER 31, 2006

Project CSNHS-0006-00(400) in Cobb and Fulton Counties consists of installing ramp meters along I-285 from the I-20 interchange in Fulton County to the US 41/Cobb Parkway interchange in Cobb County. The ramp meters will control the release of vehicles onto I-285 during peak hours, therefore reducing congestion and stabilizing the flow of traffic that typically occurs at heavy volume merge locations. The operation of the ramp meters will create a smoother flow of traffic and reduce the potential for traffic accidents during peak hours. In addition to ramp meters, this project will also include enhanced IVDS and CCTV coverage at all entrance ramp locations along I-285 between I-20 and US 41/Cobb Parkway. The CCTV cameras will allow for improved monitoring of the interchanges and operation of the ramp meters at the TMC. This project will use the existing fiber optic trunk line along Interstate 285 to tie in at Hub A and Hub W.

Drawings of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Mr. Jim Tolson, Traffic Design Manager
935 E. Confederate Avenue
Wayne Shackelford Building
Atlanta, GA 30316
(404) 635-8139
email: jim.tolson@dot.state.ga.us

Any interested party may obtain a copy of the drawings or portions thereof by paying a nominal fee and requesting in writing to:

Keith Golden, P.E.
Office of Traffic Safety & Design
935 E. Confederate Avenue
Building 24
Atlanta, GA 30316
email: keith.golden@dot.state.ga.us

Any written request or communication in reference to this project or notice should include the Project and PI Number as noted at the top of this notice.

Project Concept Report
Project Number: CSNHS-0006-00(400)
PI Number: 0006400
County: Cobb and Fulton

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CSNHS-0006-00(400)
COBB & FULTON COUNTIES
P.I. NO. 0006400

FEDERAL ROUTE NO: NH-285-1, I-285
STATE ROUTE NO: 407

*ATMS/I-285 Ramp Meters from I-20 Fulton to Cobb
Pkwy/US 41*

Recommendation for approval:

DATE 6-21-06



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/or the State Transportation Improvement Program (STIP).

DATE _____

State Traffic Operations Engineer

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

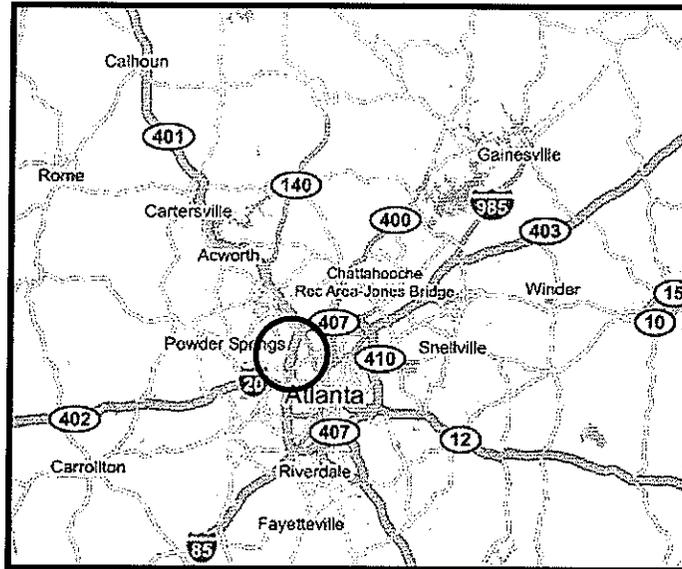
DATE _____

District Engineer

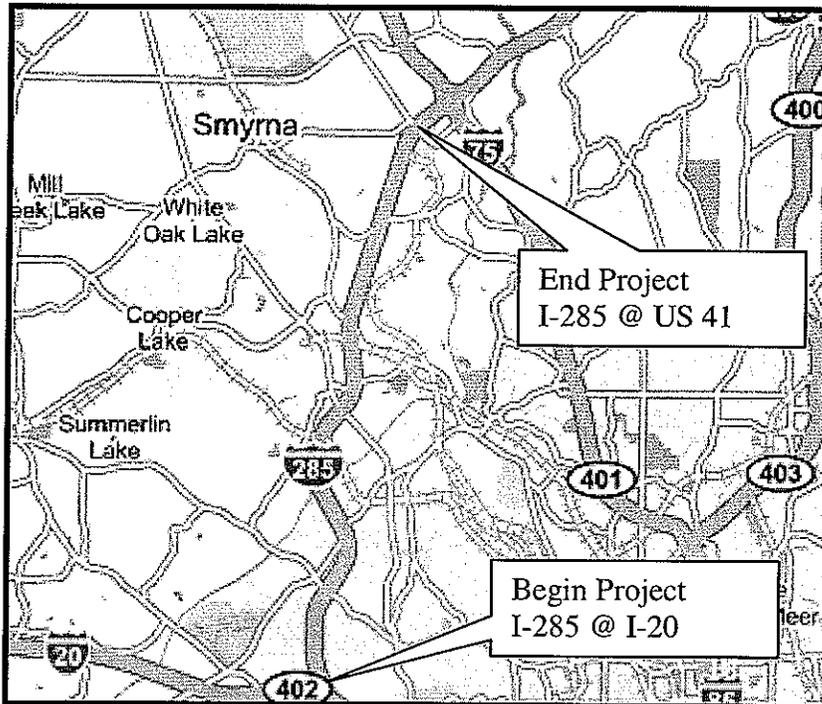
DATE _____

Project Review Engineer

PROJECT LOCATION MAPS



Location of Project in Cobb and Fulton Counties



Need and Purpose:

The purpose of this project is to increase the efficiency and safety of the corridor by installing ramp meters along I-285 from the I-285 interchange with I-20 in Fulton County to the I-285 interchange with US 41/Cobb Parkway in Cobb County. The ramp meters will control the release of vehicles onto I-285 during peak hours, therefore reducing congestion and stabilizing the flow of traffic that typically occurs at heavy volume merge locations. The operation of the ramp meters will create a smoother flow of traffic and reduce the potential for traffic crashes during peak hours.

The Georgia DOT's NaviGator – Intelligent Transportation System has been in operation since April 1996. Initially providing coverage on Interstates 75 and 85, primarily within the I-285 Perimeter Highway, it is currently being extended along SR 166 in Fulton County and SR 141 in DeKalb and Gwinnett counties, with further projects on I-20, I-75, I-85, I-285, I-575, I-675, SR 400, and SR 410 planned as part of the Fast Forward Program. The system consists of CCTV (Closed Circuit Television) cameras, vehicle detection system cameras, Changeable Message Signs (CMS), and ramp meters. By use of a fiber optic communications backbone, all the devices are tied to the Transportation Management Center (TMC) and various TCCs in the Metro Atlanta area. Operators located at the TMC are able to detect incidents and dispatch, with minimal delay, appropriate response teams. The NaviGator program benefits the trucking industry and motorists by reducing incident response/clearance times, and providing better information with consequential safety improvements.

On April 14, 2004 Governor Sonny Perdue introduced the Fast Forward Congestion Relief Program which includes accelerated growth of the NaviGator system throughout the Metro Atlanta region. The Fast Forward Program provides \$211 million to expand the Navigator and Highway Emergency Response Operator (HERO) coverage with a goal of reducing peak hour delays by 30%. This project covers I-285 between I-20 and US 41/Cobb Parkway. This project includes new field device connections to Hub A and Hub W in Cobb County and Hub G in Fulton County.

Description of the proposed project:

Coverage

This project will include ramp meters, video detection, and CCTV coverage at all on ramp locations along I-285 between I-20 and US 41/Cobb Parkway. The CCTV cameras will allow for improved monitoring of the interchanges and operation of the ramp meters. This project will use the existing fiber optic trunk line along Interstate 285 to tie in with Hub A and Hub W.

Communications Plan

This project will use the new digital communications architecture. The video data and control communications from the new devices will be sent via Gig Ethernet network, as opposed to the older analog method involving switches and multiplexers. All network electronics required to operate and communicate with the devices in this project are included as well.

Ramp Meters

Ramp Meters will be installed at all non interstate-to-interstate entrance ramps between the I-20 interchange and the US 41/Cobb Parkway interchange. Each ramp meter will require an IVDS camera to monitor operation of the mainline lanes, as well as CCTV for visual coverage along the length of the ramp. All supporting hardware utilized for the installation of ramp meters are included in this project; including IVDS, CCTV, poles and/or mast arms, lane markings, signal assemblies, controller cabinets, and signage.

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

PDP Classification: Major Minor

Federal Oversight: Full Oversight Exempt State Funded or Other

Functional Classification: Interstate Principal Arterial

U. S. Route Number(s): I-285

State Route Number(s): SR 407

Traffic (2004 AADT)

source: http://www.dot.state.ga.us/dot/plan-prog/transportation_data/traffic_counts/index.shtml

I-285 (I-20 to US 78/Hollowell Parkway)	146,370
I-285 (US 78/Hollowell Parkway to Bolton Road).....	147,830
I-285 (Bolton Road to SR 280/South Cobb Drive).....	136,020
I-285 (SR 280/South Cobb Drive to Atlanta Road).....	136,020
I-285 (Atlanta Road to Paces Ferry Road).....	157,940
I-285 (Paces Ferry Road to US 41/Cobb Parkway).....	187,270
I-285 (US 41/Cobb Parkway to I-75).....	163,590

Existing design features:

- Typical Sections:
 - I-285: 4 lanes in each direction
- Posted speed:
 - I-285: 55 mph
- Minimum Radius: N/A
- Maximum grade: N/A
- Major structures:
 - I-285 under I-20
 - I-285 under US 78/Hollowell Parkway
 - I-285 under Bolton Road
 - I-285 over Proctor Creek
 - I-285 over Chattahoochee River
 - I-285 over Southern Railway (2 Rails)
 - I-285 under SR 280/South Cobb Drive
 - I-285 over Plant Atkinson Road/Church Rd SE
 - I-285 over CSX Rail
 - I-285 under Atlanta Road
 - I-285 under Cumberland Pkwy SE
 - I-285 under Orchard Road
 - I-285 under Paces Ferry Road
 - I-285 under Mount Wilkinson Parkway SE
 - I-285 under CSX Rail
 - I-285 under Cumberland Blvd
 - I-285 over US 41/Cobb Parkway

- Major interchanges or intersections along the project:
 - I-285 @ I-20
 - I-285 @ US 78/Hollowell Parkway
 - I-285 @ Bolton Road
 - I-285 @ SR 280/South Cobb Drive
 - I-285 @ Atlanta Road
 - I-285 @ Paces Ferry Road
 - I-285 @ US 41/Cobb Parkway
- Existing length: 9.40 miles

Proposed Design Features:

- Typical Sections:
 - I-285: Existing section to remain
- Posted speed:
 - I-285: Existing to remain
- Minimum Radius: N/A
- Maximum grade: 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 Minimum Radius Mainline: N/A Minimum Radius allowable: N/A
- Proposed Minimum Radius Side Street: N/A Minimum Radius allowable: N/A
- Type of Access: *Limited Access*
- Right of way: *Project will be constructed within the existing Limited Access/Right of Way. No additional right of way and/or easements will be required.*
 - Number of parcels: 0 Number of displacements: 0
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - *Strain Poles for CCTV and IVDS*
- Major intersections and interchanges:
 - I-285 @ I-20
 - I-285 @ US 78/Hollowell Parkway
 - I-285 @ Bolton Road
 - I-285 @ SR 280/South Cobb Drive
 - I-285 @ Atlanta Road
 - I-285 @ Paces Ferry Road
 - I-285 @ US 41/Cobb Parkway SE
- Traffic control during construction: *Shoulder closures and/ or lane closures will be necessary during installation of conduit, fiber optic cables and strain poles.*
- Design Exceptions to controlling criteria anticipated: *None known*

	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 CLEARANCE:	<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: *None*
- Environmental Concerns: *None*
- Probable Locations of UST's: *N/A*
- Probable Locations of Hazardous Waste: *None*
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes , No ,
 - Categorical Exclusion ,
 - Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - Environmental Impact Statement (EIS) .
- Utility involvements: *Power service will be required for all CCTV cameras.*
- Meets Logical Termini Requirements: *Yes*
- Conforms to TIP/STIP: *Yes*

Project responsibilities:

- Design: *Gresham Smith and Partners on Behalf of the Georgia DOT.*
- Right of Way Acquisition: *N/A*
- Relocation of Utilities: *GDOT*
- Letting to contract: *GDOT*
- Supervision of construction: *GDOT*
- Providing material pits: *None Required*
- Providing detours: *None Anticipated*

Coordination

- Pre-Concept Meeting: *To be determined.*
- Initial Concept Meeting date and brief summary: *To be determined.*
- Concept meeting date and brief summary: *To be determined.*
- P. A. R. meetings, dates and results: *None Required*
- Public involvement: *No public meetings are anticipated.*
- Local government comments: *N/A*
- Other projects in the area: *See attached list*
- Other coordination to date: *GS&P to contact Cobb and Fulton County to determine any needs they may*

have with regards to this project.

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: *6 Months*
- Time to complete preliminary construction plans: *6 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: *7 Months*
- Time to complete to purchase right of way: *N/A*

Other alternates considered:

Alternative #1: No Build

Comments:

Attachments:

1. Cost Estimate including E & C
2. List of other projects in the area
3. Concept Report Rating Form
4. Notice of Location and Design Approval Form

**ATMS / I-285 Ramp Meters from I-20 to US 41/Cobb Parkway
 CSNHS-0006-00(400), PI 0006400
 Cobb and Fulton Counties**

Concept Cost Estimate

				Engineer Estimate	
Item Code	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
150-1000	Traffic Control CSNHS-0006-00(400)	Lump	Lump	\$ 150,000.00	\$ 150,000.00
XXX-XXXX	Ramp Meter Equipment	Each	11	\$ 75,000.00	\$ 825,000.00
Total Estimate					\$ 975,000.00
Total Estimate:					\$ 975,000.00
Inflation:					\$ 0.00
10% E & C					\$ 97,500.00
Total Project Cost					\$ 1,072,500.00

PROJECTS IN AREA:

1. **I-285 West HOV Lanes from I-20 West to I-75 North**
PI 0003433; AR-H-302; PE: 2008; ROW: Long Range
2. **I-285 West ITS – Communication and Surveillance from I-75 North to I-20 West;**
PI 713370, AR-279; PE: auth, CST: 2005
3. **I-285 Interchange at SR 280 (South Cobb Drive) – intersection improvement;**
PI 0006295; AR-114A; PE: 2004
4. **I-285 West at SR 280 (South Cobb Drive) – interchange capacity;**
PI 0006048; CO-AR-304; PE: Long Range
5. **I-285 West at East-West Connector and Atlanta Road**
PI 752300; CO-AR-070A; PE auth; ROW Long Range
6. **I-285 West at East-West Connector: Phase VI – includes Atlanta Road bridge**
PI 712760; CO-AR-070B; PE 2006; ROW 2008; CST Long Range
7. **I-285 West at East-West Connector: Phase VII – includes ramps and C-D lanes**
PI 712762; CO-AR-070C; PE auth; ROW: n/a; CST Long Range
8. **I-285 at US 41 (Cobb Parkway) – interchange beautification**
PI 0006578; ARC: n/a; CST lump
9. **I-285 West Collector-Distributor Lanes from I-20 West to SR 70 (Bolton Road)**
PI: 713690; AT-AR-214; PE: auth; ROW: Long Range
10. **SR 280 (South Cobb Drive) from SR 5 (Atlanta Road) to SR 70 (Bolton Road) - widening**
PI 752760; CO-175A; PE: Long Range
11. **Northwest Corridor Bus Rapid Transit from City of Marietta to Cumberland Transfer Center**
PI n/a; AR-909A and AR-909B; PE: 2006; CST: Long Range
12. **Spring Road Multi-Use Trail from Cumberland Boulevard to Chattahoochee River Trail**
PI 0006876; CO-AR-BP221; PE: 2006; ROW: 2007; CST: 2008

