

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CM-285-1(361) Fulton County **OFFICE** Preconstruction
P.I. No. 713370
DATE July 27, 2001
FROM *CWH*
C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION
SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

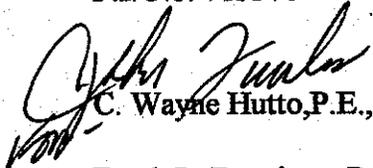
Attachment

DISTRIBUTION:

Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Marion Waters
Marta Rosen
Paul Liles
Jimmy Chambers
Steve Henry
FHWA
BOARD MEMBER

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

FILE CM-285-1(361) Fulton County **OFFICE** Preconstruction
P.I. No. 713370
DATE May 10, 2001

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the expansion of Georgia DOT's Navigator system in Fulton and Cobb Counties from the intersection with I-20 in Fulton County to the intersection with I-75 in Cobb County to provide coverage of the western portion of I-285. Navigator equipment will be installed on adjacent sections of I-285 and at the intersection with I-20. The intersecting section of I-75 is complete. This project will extend the fiber optic trunk line along I-285 utilizing the existing hubs "A" and "G." The fiber optic trunk line will be located under the shoulders of the northbound and southbound lanes. The trunk will be carried within continuous conduit duct banks which will have the following configuration: On one side there will be three, 2" cells and six, 1-1/4" cells, carrying 72 single-mode fiber for devices. The other side will have three, 2" cells and eight, 1-1/4" cells, carrying 96 single-mode fiber for hub communications.

The CCTV devices included in this project will be two types of cameras, one used for general traffic surveillance and the other for vehicle detection. These cameras will be mounted on 80' concrete poles located mainly off the shoulder of the highway. However, where appropriate, some cameras may be mounted on bridge overpasses, on existing sign structures, or in the median of the roadway. This project will include approximately 30 color pan/tilt/zoom surveillance cameras and 78 black and white video detection system cameras. The poles or other mounting apparatus for the cameras are included in this project. This project excludes video detection system cameras on the ramps to and from I-20 and I-75. I-20 will be provided as part of the planned project for I-20 (west) and those for I-75 already exist.

Four CMSs are proposed for this project. The locations are as follows:

- (1) northbound at the Chattahoochee River, 1-1/4 miles south of the SR 280, South Cobb Drive exit;
- (2) northbound, 1 mile south of the US 41, Cobb Parkway exit;
- (3) southbound, 1 mile north of Atlanta Road;
- (4) southbound, 1 mile north of the US 78, Bankhead Highway exit.

Frank L. Danchetz

Page 2

CM-285-1(361) Fulton

May 10, 2001

All network electronics required to operate and communicate with the devices in this project are included as well. This includes electronic equipment to be located in hubs "A" and "G," or in the Equipment Room at the TMC. Network electronics includes devices for multiplexing video and data signals, converting analog signals to digital signals for transmission on fiber and video switches.

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:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$11,923,000	\$13,750,000	2002	FY-05
Right-of-Way & Utilities	----	----		

Expanding Navigator to this corridor will allow quicker detection and verification of incidents at the TMC, resulting in better information to travelers, quicker response by Highway Emergency Response Operators (HEROs), and improved highway safety. This project is in the STIP. I recommend this project concept be approved.

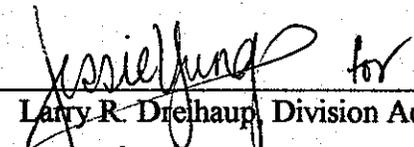
CWH:JDQ/cj

Attachment

CONCUR


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

APPROVE

 for
Larry R. Dreihaupt, Division Administrator, FHWA

APPROVE


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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CM-285-1(361) Fulton **OFFICE:** Atlanta, Georgia
P.I. Number 713370- **DATE:** April 18, 2001

FROM: *DTM*
David Mulling, Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT

We have reviewed the concept report submitted April 17, 2001 by the letter from Marion Waters dated April 16, 2001, and have the following comments.

The concept cost estimate should show values for inflation and E&C.

The costs for the project are:

Construction	\$11,923,000
Inflation	\$ 0
E&C	\$ 0
Reimbursable Utilities	\$ 0
Right of Way	\$ 0

DTM

c: Marion Waters – Attention: Derrick Cameron

SCORING RESULTS AS PER MOG 2440-2

Project Number: CM-285-1(361)		County: FULTON		PI No.: 713370-	
Report Date: 4/17/01		Concept By: DOT Office: TRAFFIC OPERATIONS			
<input checked="" type="checkbox"/> CONCEPT		DOT Project Manager: Chuck Hasty			
		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Urban	<input checked="" 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 type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	100%	Inflation, E&C not shown in cost estimate			
Judgement	100%				
Environmental	100%				
Right of Way	100%				
Utility	100%				
Constructability	100%				
Schedule	100%				

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

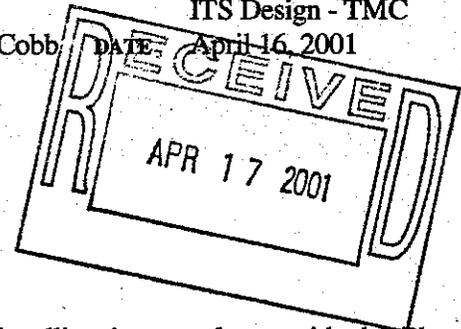
FILE CM-285-1(361) FULTON County
P.I. No. 713370-
ATMS: I-285 Surveillance from I-20 W in Fulton N to I-75 in Cobb

FROM *MGW*
Marion G. Waters, III, P.E., State Traffic Operations Engineer

TO Wayne Hutto, Assistant Director of Preconstruction

SUBJECT Project Concept Report

OFFICE Traffic Operations
ITS Design - TMC
DATE April 16, 2001



Attached is the original concept report for the above project for your handling in accordance with the Plan Developmental Process.

By copy of this letter, and in accordance with the Plan Developmental Process, additional copies are also being sent to the offices as listed below for review, comment, and signature.

Please contact Derrick Cameron at (404) 635-8153 or Kevin Stefanik at (404) 635-8147, if you have any questions or comments regarding this matter.

MGW:DDC

Attachments

Cc: Jim Kennerly, State Road Design Engineer, w/attachment
Joe Palladi, State Urban Design Engineer, w/attachment
Marta Rosen, State Transportation Planning Administrator, w/attachment
Herman Griffin, State Transportation Programming Engineer, w/attachment
Harvey Keeper, State Environmental/Location Engineer, w/attachment
Steve Henry, District Engineer – District 7, w/attachment
David Mulling, Project Review Engineer, w/attachment
Paul Liles, State Bridge and Structural Design Engineer, w/attachment
Buddy Gratton, State Maintenance Engineer, w/attachment

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF TRAFFIC OPERATIONS
PROJECT CONCEPT REPORT SIGN OFF FORM**

CM-285-1 (361), Fulton and Cobb Counties
Surveillance and Communication on I-285
Federal Route Number: I-285
State Route Number: SR 407
G.D.O.T. P.I. Number: 713370

RECOMMENDATION FOR APPROVAL

4/16/01
Date

Marion G. Waters III
State Traffic Operations Engineer

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

Date State Road Design Engineer

Date State Urban Design Engineer

Date State Transportation Planning Administrator

Date State Transportation Programming Engineer

Date State Environmental/Location Engineer

Date District Engineer

Date Project Review Engineer

Date State Bridge and Structural Design Engineer

PROJECT CONCEPT REPORT

DATE: April 13, 2001

PROJECT NO.: CM-285-1 (361) Fulton and Cobb Counties

P.I. NO.: 713370

PROJECT NAME: Surveillance and Communication on I-285

U.S. ROUTE: I-285

STATE ROUTE: SR 407

LOCATION: Surveillance from I-20 west in Fulton, north to I-75 in Cobb, includes installation of fiber optic cables from HUB "G" (located in the interchange of I-20 and H.E. Holmes Drive) West to I-285.

PROJECT LENGTH ALONG S.R. 407: 10.1 miles

TRAFFIC: (two-way ADT) year: 1997 174,450 vpd year: 1998 188,750 vpd

PDP CLASSIFICATION: Minor Project

FOS(X) EXEMPT() S() F()

FUNCTIONAL CLASSIFICATION: Interstate Principal Arterial

EXISTING CONDITIONS

TYPICAL SECTION: 4 lanes in each direction with barrier wall in median.

POSTED SPEED LIMIT: 55 MPH

MAXIMUM DEGREE OF CURVATURE: N/A

MAXIMUM GRADE: N/A

EXISTING MAJOR STRUCTURES: Four CMS signs, which are mentioned in greater detail in the purpose section of the concept. The following is a list of bridges that must be either crossed: Collier Drive, US 78, Bolton Road, Proctor Creek, Chattahoochee River, Amtrak Railroad, S. Cobb Drive, Church Road, CSX Railroad, Atlanta road, Gilmore Road, Orchard Road, Paces Ferry Road, Cumberland Road, CSX Railroad, Hargrove Road, and US 41.

ACCIDENT HISTORY: N/A

PROPOSED DESIGN

PROPOSED TYPICAL SECTION: Existing typical section will be maintained.

PROPOSED RIGHT-OF-WAY WIDTH: This project will be constructed within the existing right of way, no additional right of way will be required.

DESIGN SPEED: 55 MPH

	<u>Allowable</u>	<u>Used</u>
MAXIMUM DEGREE OF CURVATURE:	N/A	N/A

MAXIMUM GRADE:	N/A	N/A
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TYPE OF ACCESS: Limited Access

TRAFFIC CONTROL DURING CONSTRUCTION: Shoulder closures and/ or lane closures will be necessary during installation of fiber, changeable message signs, and camera poles. Traffic pacing will be required during installation of Changeable Message Sign.

PROPOSED STRUCTURES: Changeable Message Signs

DESIGN VARIATIONS REQUESTED

CONTROLLING CRITERIA	UNDETERMINED	YES	NO
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 CURVES:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

NUMBER OF PARCELS: NONE

DISPLACEMENTS: none anticipated

COORDINATION AND SCHEDULING

CONCEPT TEAM MEETING DATE: 4/12/01

CONFORMS TO TIP/STIP? A STIP Amendment to change the programmed amount to match the Concept Estimate will be requested.

MEETS LOGICAL TERMINI REQUIREMENTS? Yes

P.A.R. MEETING: N/A

LEVEL OF ENVIRONMENTAL ANALYSIS: A Programmatic Categorical Exclusion is anticipated.

PUBLIC INVOLVEMENT: N/A

PERMITS REQUIRED: N/A

TIME SAVING PROCEDURES APPROPRIATE: Yes

SCHEDULING CONSIDERATIONS

TIME TO COMPLETE ENVIRONMENTAL: 4 months

TIME TO COMPLETE PRELIMINARY RD/RW PLANS: 4 months

TIME TO COMPLETE 404 PERMIT: N/A

TIME TO COMPLETE FINAL CONSTRUCTION PLANS: 7 months

TIME TO PURCHASE REQUIRED RIGHT-OF-WAY: N/A

LOCAL GOVERNMENT COMMITMENTS: N/A

OTHER PROJECTS IN AREA: IM-0000-00(379), FULTON, PI 0000379, I-285/I-20 west: RECONSTRUCTION OF INTERCHANGE. CM-285-1(350), FULTON, PI 713330, I-285/I-20 WEST: INTERCHANGE RECONSTRUCTION. NH-IM-285-1(375), FULTON, PI 13690, I-285/US 78: INTERCHANGE RECONSTRUCTION. IM-0000-00(373), FULTON, PI 0000373, I-285/I20 WEST: REDUCE TRUCK OVERTURNING. NH-285-1(324), COBB, PI 712762, EAST/WEST CONN: RAMPS AND CD ROADS.

PROBABLE LOCATIONS OF USTs: N/A

PROBABLE LOCATION OF HAZARDOUS WASTE: None anticipated.

OTHER ALTERNATIVES CONSIDERED No Build.

COMMENTS: Extension of NaviGator system.

ATTACHMENTS: Need and Purpose Statement, Preliminary Cost Estimate.

NEED AND PURPOSE STATEMENT

DATE: 04/13/01

PREPARED BY: Kevin Stefanik, Design Engineer

PROJECT NUMBER: CM-285-1(361) Fulton/Cobb Counties

P.I No. 713370

LENGTH: 10.1 Miles

PROJECT DESCRIPTION/CONCEPT: The Georgia DOT's NaviGator – Intelligent Transportation System has been in operation since April 1996. Initially providing coverage on Intestates 75 and 85, primarily within the I-285 Perimeter Highway, it is currently being extended along I-85 in Gwinnett County, with further projects on I-285, I-20 inside the perimeter and SR 400 outside perimeter. The system consists of surveillance cameras (CCTV), 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). Operators located at the TMC are able to detect incidents and dispatch, with minimal delay, appropriate response teams. The NaviGator program is estimated to have produced annual savings of \$50 million benefiting the trucking industry and motorists by reducing incident response/clearance times, and providing better information with consequential safety improvements.

The Georgia DOT has a twenty year plan which calls for a progressive expansion of the system on a statewide basis. The earliest schemes have been in the Metropolitan Atlanta area, but recently a project on I-475 in the Macon area has been let, and installation is about to commence. This project covers I-285 (West) from I-20 to I-75, including installation of fiber optic cables from HUB "G", being partly in Fulton County and partly in Cobb County. The annual average daily traffic volume along this section of I-285 is 150,800 vehicles. This work will assist in the faster detection of incidents at the TMC, resulting in better information to travelers, quicker response by Highway Emergency Response Operators (HEROs) and improved highway safety.

PURPOSE OF PROJECT: The purpose of this project is to expand the NaviGator system in Fulton and Cobb Counties, from the intersection with I-20 in Fulton County to the intersection with I-75 in Cobb County, to provide coverage of the western portion of I-285. NaviGator equipment will be installed on adjacent sections of I-285 and at the intersection with I-20. The intersecting section of I-75 is complete. This project will extend the fiber optic trunk line along Interstate 285 utilizing the existing Hubs "A" and "G". The fiber optic trunk

line will be located under the shoulders of the northbound and southbound lanes. The trunk will be carried within continuous conduit duct banks which will have the following configuration: On one side there will be three 2-inch cells, and six 1¼-inch cells. The other side will have three 2-inch cells, and eight 1¼-inch cells. The former carrying 72 single-mode fiber for devices, and the latter 72 single-mode fiber for devices and 96 single-mode fiber for hub communications. The fiber optic trunk line will be located primarily under the shoulder of the northbound and southbound lanes.

The CCTV devices included in this project will be two types of cameras, one used for general traffic surveillance and the other for vehicle detection. These cameras will be mounted on eighty-foot concrete poles located mainly off the shoulder of the highway. However, where appropriate, some cameras may be mounted on bridge overpasses, on existing sign structures, or in the median of the roadway. This project will include approximately 30 color pan/tilt/zoom surveillance cameras and 78 black-and-white video detection system cameras. The poles or other mounting apparatus for the cameras are included in this project. This project excludes video detection system cameras on the ramps to and from I-20 and I-75. I-20 will be provided as part of the planned project for I-20 (West), and those for I-75 already exist.

Four CMSs are proposed for this project. The locations are as follows: 1) Northbound, at the Chattahoochee River, one and a quarter miles south of the SR 280, South Cobb Drive exit; 2) Northbound, one mile south of the US 41, Cobb Parkway exit; 3) Southbound, one mile north of Atlanta Road; and 4) Southbound, one mile north of the US 78, Bankhead Highway exit.

All network electronics required to operate and communicate with the devices in this project are included as well. This includes electronic equipment to be located in Hubs "A" and "G", or in the Equipment Room at the TMC. Network electronics includes devices for multiplexing video and data signals, converting analog signals to digital signals for transmission on fiber and video switches.

PRELIMINARY COST ESIMATE

ESTIMATED COST: The estimated cost for this project @ \$1.3 million per mile, which includes but is not limited to the following:

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1. Traffic Control	LUMP	LUMP	\$367,820.00
2. Field Engineer's Office, TP 2	1EA	\$50,000	\$50,000.00
3. Rem Conc Median Barrier	180 LF	\$125	\$22,500.00
4. Rem Guardrail Anch, TP 9	3EA	\$100	\$300.00
5. Direction Bore - 9 IN	2,777 LF	\$80	\$221,600.00
6. Conc Barrier, Spcl Dgn, TP 26	180 LF	\$310	\$55,800.00
7. Str Support for Overhead Sign	LUMP	LUMP	\$35,707.00
8. Str Support for Overhead Sign	LUMP	LUMP	\$35,707.00
9. Str Support for Overhead Sign	LUMP	LUMP	\$35,707.00
10. Str Support for Overhead Sign	LUMP	LUMP	\$35,707.00
11. Strain Pole, TP IV	48EA	\$5420	\$260,160.00
12. Guardrail, TP W	2,100 LF	\$11	\$23,100.00
13. Guardrail Anch, TP 1	21 EA	\$400	\$8,400.00
14. Guardrail Anch, TP 12	21 EA	\$1500	\$31,500.00
15. Pull Boxes, PB-5	60 EA	\$1674	\$100,440.00
16. Conduit, Nonmetal, TP 2, 2 IN	76,700 LF	\$9	\$690,300.00
17. Conduit, Nonmetal, TP 3, 1 1/4 IN	17,430	\$1	\$17,430.00
18. Conduit, Nonmetal, TP 3, 2 IN	8,715 LF	\$2	\$17,430.00
19. Conduit, Fiberglass, 4 IN	5,170 LF	\$25	\$129,258.00
20. Multi-cell, Conduit Sys, 4-way	10,340 LF	\$50	\$517,000.00
21. Conduit Duct Bank, Type 1	50,240 LF	\$32	\$1,607,680.00
22. Conduit Duct Bank, Type 2	50,240 LF	\$36	\$1,808,640.00
23. Electrical Communication Box, TP 5	164 EA	\$3410	\$559,240.00
24. Fiber Optic Cable	184,800 LF	\$5	\$924,000.00
25. Fiber Optic Cable	184,800 LF	\$5	\$924,000.00
26. Fiber Optic Cable	184,800 LF	\$5	\$924,000.00
27. Fiber Optic Cable	184,800 LF	\$5	\$924,000.00
28. Fiber Optic Closure, Underground, 6 Fiber	5 EA	\$350	\$1750.00
29. Fiber Optic Closure, Underground, 96 Fiber	3 EA	\$479	\$1437.00
30. Fiber Optic Cable, FDC (Rack Mounted), 6 Fiber	58 EA	\$445	\$25,810.00
31. Fiber Optic Cable, FDC (Rack Mounted), 96 Fiber	6 EA	\$730	\$4,380.00
32. Fiber Optic Splice Fusion	1201 EA	\$43	\$51,643.00
33. Testing	LUMP	LUMP	\$13,000.00
34. Video Surveillance System	85 EA	\$3630	\$308,550.00
35. Video Detection System Processor	11 EA	\$34,325	\$377,575.00
36. Configuration Computer Hardware & Software	1 EA	\$6000	\$6,000.00
37. VDS Server Computer System	1 EA	\$8,400	\$8,400.00
38. Testing	LUMP	LUMP	\$1,600.00
39. CCTV System	20 EA	\$8574	\$171,480.00
40. Testing	LUMP	LUMP	\$3,000.00
41. Fiber Optic Video Transmitter, 1310 Single	41 EA	\$560	\$22,960.00

CONT'D**ITEM****QUANTITY****UNIT PRICE****AMOUNT**

42. Fiber Optic Video Receiver, 1310 Single	41 EA	\$522	\$21,402.00
43. Fiber Optic Video/ Data Transmitter, Single	19 EA	\$1089	\$20,691.00
44. Fiber Optic Video / Data Receiver, Single	19 EA	\$1089	\$20,691.00
45. Fiber Optic External Transceiver, Drop & Repeat	4 EA	\$1445	\$5,780.00
46. Type A Cabinet	58 EA	\$3785	\$219,530.00
47. Electrical Power Service	42 EA	\$1320	\$55,440.00
48. Shutter Pixel Fiber Optic CMS, Walk-in, 3 x 21	4 EA	\$180,000	\$720,000.00

TOTAL \$11,923,245.00

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF TRAFFIC OPERATIONS
PROJECT CONCEPT REPORT SIGN OFF FORM**

CM-285-1 (361), Fulton and Cobb Counties
Surveillance and Communication on I-285
Federal Route Number: I-285
State Route Number: SR 407
G.D.O.T. P.I. Number: 713370

RECOMMENDATION FOR APPROVAL

4/16/01

Date

Marion G. Waters III

State Traffic Operations Engineer

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

Date

State Road Design Engineer

Date

State Urban Design Engineer

Date

State Transportation Planning Administrator

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

4-20-01

Date

Arden T. Henry
District Engineer

Date

Project Review Engineer

Date

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF TRAFFIC OPERATIONS
PROJECT CONCEPT REPORT SIGN OFF FORM

CM-285-1 (361), Fulton and Cobb Counties
Surveillance and Communication on I-285
Federal Route Number: I-285
State Route Number: SR 407
G.D.O.T. P.I. Number: 713370

RECOMMENDATION FOR APPROVAL

4/16/01 *Marion G. Waters III KG*
Date State Traffic Operations Engineer

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Date State Road Design Engineer

Date State Urban Design Engineer

Date State Transportation Planning Administrator
4/17/01 *Harold J. Huff*
Date State Transportation Programming Engineer

Date State Environmental/Location Engineer

Date District Engineer

Date Project Review Engineer

Date State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF TRAFFIC OPERATIONS
PROJECT CONCEPT REPORT SIGN OFF FORM**

CM-285-1 (361), Fulton and Cobb Counties
Surveillance and Communication on I-285
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Marion G. Waters III

State Traffic Operations Engineer

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State Urban Design Engineer

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State Transportation Planning Administrator

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State Transportation Programming Engineer

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State Environmental/Location Engineer

Date

District Engineer

Date

Project Review Engineer

4/23/01

Date

Paul V. Miles Jr

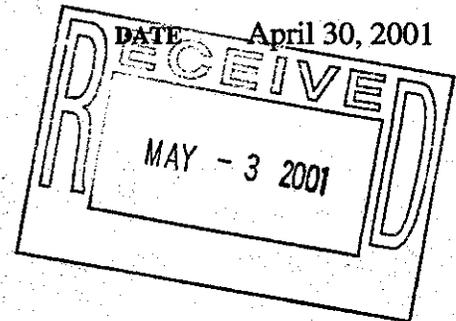
State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CM-285-1(361), Fulton County
ATMS: I-285 Surveillance from I-20 West in Fulton
North to I-75 in Cobb
P.L. NO. 713370
Joseph P. Palladi
FROM Joseph P. Palladi, P.E., State Urban Design Engineer
TO Wayne Hutto, P.E., Assistant Director of Preconstruction
SUBJECT **Project Concept Report**

OFFICE Urban Design



Attached is the signed cover sheet for the Concept Report of the subject project. The report appears satisfactory subject to the following comment: Project NH-IM-285-1(375), I-285 @ D.L. Hollowell Pkwy/SR 8/ US 78-278 is within the limits of the proposed ATMS work. The ATMS project designer should attempt to avoid the proposed interchange improvements as much as possible. The current concept layout for the interchange project was transmitted to the Office of Traffic Operations on April 9, 2001, for coordination purposes.

For further assistance, please contact Glenn Bowman or Mike Lobdell of my staff at 404-656-5441.

216 MW
JPP:MAL
Attachment

cc: Marion Waters, P.E., Attn.: Chuck Hasty

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF TRAFFIC OPERATIONS
PROJECT CONCEPT REPORT SIGN OFF FORM**

CM-285-1 (361), Fulton and Cobb Counties
Surveillance and Communication on I-285
Federal Route Number: I-285
State Route Number: SR 407
G.D.O.T. P.I. Number: 713370

RECOMMENDATION FOR APPROVAL

4/16/01

Date

Marion G. Waters III
State Traffic Operations Engineer

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

Date

State Road Design Engineer

5/1/01

Date

Joseph P. Kedd
State Urban Design Engineer

Date

State Transportation Planning Administrator

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

District Engineer

Date

Project Review Engineer

Date

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF TRAFFIC OPERATIONS
PROJECT CONCEPT REPORT SIGN OFF FORM**

CM-285-1 (361), Fulton and Cobb Counties
Surveillance and Communication on I-285
Federal Route Number: I-285
State Route Number: SR 407
G.D.O.T. P.I. Number: 713370

RECOMMENDATION FOR APPROVAL

4/16/01

Date

Marvin G. Waters III

State Traffic Operations Engineer

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

Date

State Road Design Engineer

Date

State Urban Design Engineer

Date

State Transportation Planning Administrator

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

District Engineer

4/18/01

Date

O. J. Malin

Project Review Engineer

Date

State Bridge and Structural Design Engineer