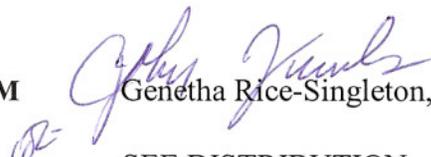


DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006794, Cobb County **OFFICE** Preconstruction
CSMQ-0006-00(794)
Regional Traffic Management Center (RTMC) **DATE** August 23, 2007

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.

Attachment

DISTRIBUTION:

Brian Summers
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Bryant Poole
Angela Alexander
Paul Liles
Mike Lobdell
BOARD MEMBER

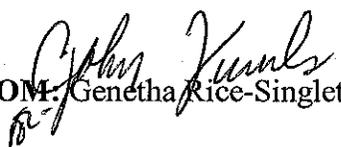
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0006794, Cobb County
CSMQ-0006-00(794)
Regional Traffic Management Center (RTMC)

OFFICE: Preconstruction

DATE: June 26, 2007


FROM: Genetha Rice-Singleton, Assistant Director of Preconstruction

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

SUBJECT: PROJECT CONCEPT REPORT

This Project is the expansion of Georgia DOT's Navigator system with the construction of the Cobb County Regional Traffic Management Center. The existing Cobb County Traffic Control Center (TCC) room located in the Cobb DOT facility is not adequate to support staff and equipment controlling the existing and future devices for signals, traffic surveillance, traffic monitoring, incident detection and other devices in Cobb County. Traffic volumes in Cobb County have increased dramatically in recent years, negatively impacting the level of service on all major arterials. Roadway capacity has not been added to meet demand and Cobb County has continually expanded the Intelligent Transportation System (ITS) field infrastructure to increase the efficiency of the transportation network.

The new Regional Management Center (RTMC) facility will be a completely new facility housing an operations room to replace the outdated and undersized room in the adjacent Cobb County DOT building. The new RTMC will enable complex traffic management functions, including data acquisition for decision support, incident management, effective interagency coordination and information sharing.

Environmental concerns include requiring a Categorical Exclusion be prepared; a Public hearing is not required; Time saving procedures is 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)	\$ 3,885,000	\$ 4,513,000	L400	2008

Right-of-way & utilities

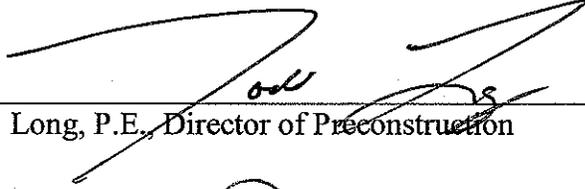
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P.I. No. 0006794, Cobb County
June 26, 2007

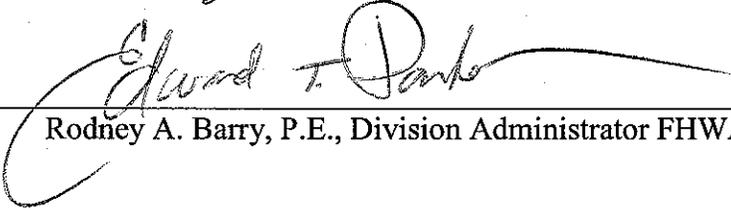
I recommend this project concept be approved.

GRS: JDQ

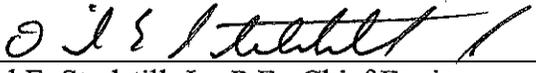
Attachment

CONCUR 

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

APPROVED 

Rodney A. Barry, P.E., Division Administrator FHWA

APPROVED 

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CSMQ-0006-00(794)
COBB COUNTY
P.I. NO. 0006794

FEDERAL ROUTE NUMBER: N/A
STATE ROUTE NUMBER: N/A

Regional Transportation Management Center

Recommendation for approval:

DATE 5-30-07



State Traffic Operations 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 6/24/07



State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CSMQ-0006-00(794)
COBB COUNTY
P.I. NO. 0006794

FEDERAL ROUTE NUMBER: N/A
STATE ROUTE NUMBER: N/A

Regional Transportation Management Center

Recommendation for approval:

DATE 5-30-07



State Traffic Operations 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 Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

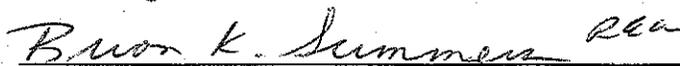
DATE _____

State Environmental / Location Engineer

DATE _____

District Engineer

DATE 6/18/07


Project Review Engineer

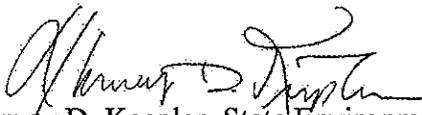
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0006794

OFFICE: Environment/Location

DATE: June 8, 2007


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

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: PROJECT CONCEPT REPORT
CSMQ-0006-00(794) / Cobb County
Regional Transportation Management Center

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) 699-4400.

HDK/lc

Attachment

cc: Brian Summers
Keith Golden
Jamie Simpson
Bryant Poole
Angela Alexander

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CSMQ-0006-00(794)
COBB COUNTY
P.I. NO. 0006794

FEDERAL ROUTE NUMBER: N/A
STATE ROUTE NUMBER: N/A

Regional Transportation Management Center

Recommendation for approval:

DATE 5-30-07



State Traffic Operations 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).

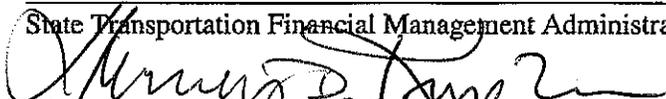
DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE 6/8/07


State Environmental/Location Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

5-30-07
WKS

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

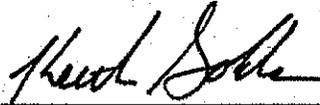
CSMQ-0006-00(794)
COBB COUNTY
P.I. NO. 0006794

FEDERAL ROUTE NUMBER: N/A
STATE ROUTE NUMBER: N/A

Regional Transportation Management Center

Recommendation for approval:

DATE 5-30-07



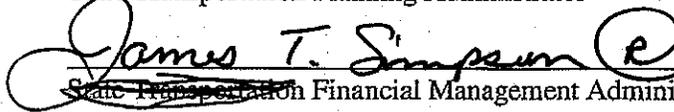
State Traffic Operations Engineer

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 Transportation Planning Administrator

DATE 5-31-07



~~State Transportation~~ Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number: CSMQ-0006-00(794)		County: Cobb		PI No.: 0006794	
Report Date: May 30,2007		Concept By: DOT Office: Traffic Operations			
<input checked="" type="checkbox"/> Concept Stage					
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				
Judgment	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

**CSMQ-0006-00(794)
COBB COUNTY
P.I. NO. 0006794**

FEDERAL ROUTE NUMBER: N/A
STATE ROUTE NUMBER: N/A

Regional Transportation Management Center

Recommendation for approval:

DATE 5-30-07



State Traffic Operations 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 Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

District Engineer

DATE _____

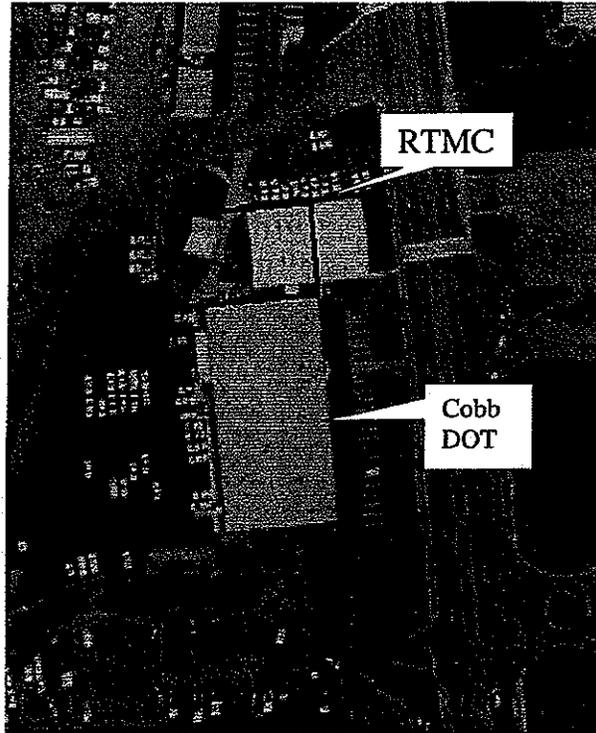
Project Review Engineer

PROJECT LOCATION MAP



Location of Project in Cobb County

Project Concept Report
Project Number: CSMQ-0006-00(794)
P.I. Number: 0006794
Counties: Cobb



Detail Location of Project
County Services Parkway

Need and Purpose:

Traffic volumes in Cobb County have increased dramatically in recent years, negatively impacting the level of service on all major arterials. Roadway capacity has not been added to meet demand and Cobb County has continually expanded the Intelligent Transportation System (ITS) field infrastructure to increase the efficiency of the transportation network. Further expansion to help mitigate congestion is expected. The existing Cobb County Traffic Control Center (TCC) room located in the Cobb DOT facility is not adequate to support staff and equipment controlling the existing and future devices for traffic signals, traffic surveillance, traffic monitoring, incident detection and other devices Cobb County.

The purpose of this project is to construct a county-wide regional transportation management center operating in conjunction with other management centers as part of the Georgia NaviGator system. The new RTMC will also serve as the focal point of the county-wide Advanced Traveler Information System (ATIS) providing travelers with real time travel information. This new Regional Transportation Management Center (RTMC) will enable complex traffic management functions, including data acquisition for decision support, incident management, effective interagency coordination and information sharing.

Project Name: Cobb County Regional Transportation Management Center (RTMC)

Description of the proposed project:

The new Regional Transportation Management Center (RTMC) facility will be a completely new facility housing an operations room to replace the outdated and undersized room in the adjacent Cobb County DOT building at 1890 County Services Parkway in Marietta, Georgia used as a traffic control center. It will be built adjacent to, and connected to the Cobb DOT building. In addition to the new Transportation Operations room, the new facility will house support staff, conference and training rooms, a reception area and expanded areas for network electronics, and electronic equipment shop/setup. Space will be provided for back-up power systems, communication equipment and equipment parts and test equipment. Ample space will be set aside for regional agencies working at the RTMC during times of emergency. A specific area will be designated for incident management response by County forces.

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: N/A

U. S. Route Number(s): N/A

State Route Number(s): N/A

Traffic: N/A

Existing design features: N/A

- Minimum Radius: N/A

- Maximum Grade: N/A
- Major structures: N/A
- Major interchanges or intersections: N/A
- Existing lengths: N/A

Proposed Design Features:

- Typical Sections: N/A
- Posted speeds: N/A
- 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: N/A
- 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:
 - RTMC Building, footprint approximately 70' x 115'
- Major intersections and interchanges: N/A
- Traffic control during construction: None anticipated
- Design Exceptions to controlling criteria anticipated: None anticipated

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
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 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 known
- Environmental Concerns: None known
- 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: Coordination with electrical power, telephone, water, sewer, and other building utilities
- Meets Logical Termini Requirements: N/A
- Conforms to TIP/STIP: Yes

Project responsibilities:

- Design: Gresham Smith and Partners
- Right of Way Acquisition: N/A
- Relocation of Utilities: Cobb County
- Letting to contract: Cobb County
- Supervision of construction: Cobb County
- Providing material pits: None anticipated
- 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: None
- Other coordination to date: None
- VE : No.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 4 Months
- Time to complete preliminary construction plans: 4 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: 4 Months
- Time to complete to purchase right of way: N/A

Other alternates considered:

Alternative #1: No Build

Comments: None

Attachments:

1. Concept Report Rating Form
2. Cost Estimate

NOTICE OF LOCATION AND DESIGN APPROVAL

**PROJECT: CSMQ-0006-00(794) – Cobb County
P. I. NO. 0006794**

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: AUGUST 23, 2007

Project CSMQ-0006-00(794) in Cobb County will construct a Regional Transportation Management Center (RTMC) for Cobb County signal system monitoring and ITS applications, and incorporation into the Statewide NaviGator Advanced Traffic Management System (ATMS).

This project will replace an existing building. In addition to the RTMC functions, the building will also provide updated office spaces for Cobb County Department of Transportation personnel.

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 Operations
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 P.I. Number as noted at the top of this notice.

CONSTRUCTION & COST MANAGEMENT SYSTEMS, INC.

CONCEPT ESTIMATE

COBB COUNTY DEPARTMENT OF TRANSPORTATION
TRAFFIC MANAGEMENT CENTER

April 4, 2007

GENERAL SUMMARY

GENERAL CONDITIONS	\$ 239,600.00
CONSTRUCTION COST	<u>3,645,058.00</u>
Subtotal	\$3,884,658.00
Contractors' Fee (4%), Bond (.85%), Ins. (.75%), & Permits (.25%) = 5.85%	<u>217,892.00</u>
Subtotal	\$4,102,550.00
Contingency 10%	<u>410,255.00</u>
TOTAL	<u>\$4,512,805.00</u>

CONSTRUCTION & COST MANAGEMENT SYSTEMS, INC.

**CONCEPT ESTIMATE
COBB COUNTY DEPARTMENT OF TRANSPORTATION
TRAFFIC MANAGEMENT CENTER**

April 4, 2007

1. GENERAL CONDITIONS		\$239,600.00
2. SITE WORK & DEMOLITION WORK		218,255.00
Demo Bldg.	38,000.00	
Erosion Control	5,400.00	
Earthwork	40,000.00	
Storm Drainage	14,760.00	
Sanitary Sewer	48,500.00	
Site Electrical/Lighting	19,100.00	
Termite Protection	1,435.00	
Curb & Gutter	7,100.00	
Asphalt Paving	28,960.00	
Landscaping (Allow)	15,000.00	
3. CONCRETE WORK		204,700.00
4. MASONRY		209,640.00
5. METALS		299,690.00
Metal Decking	60,130.00	
Structural Steel / Misc. Angles	209,700.00	
Stairs & Railing	29,860.00	
6. WOOD, PLASTICS, & COMPOSITES		44,406.00
Rough Carpentry	10,196.00	
Finish Carpentry & Mill Work	34,210.00	
7. THERMAL & MOISTURE PROTECTION		184,954.00
Waterproofing	18,960.00	
Building Insulation	16,700.00	
Caulking	10,944.00	
Roofing & Sheet Metal	60,910.00	
Metal Siding	35,540.00	
Fireproofing	41,900.00	

CCMS Concept Estimate Cobb County TMC, 4/04/07 (Cont.)

8. DOORS & WINDOWS – Opening		303,874.00
Special Aluminum Doors	18,960.00	
Aluminum Work	169,000.00	
Interior Glazing	30,844.00	
Hollow Metal / Wood Doors	40,180.00	
Finish Hardware	44,890.00	
9. FINISHES		474,279.00
Dry Wall & Studs	270,000.00	
Acoustical Work	50,219.00	
Tile Work	36,130.00	
Carpet, Base & Vinyl	50,960.00	
Painting, Coating & Wall Covering	36,700.00	
Elevated Floor	30,270.00	
10. SPECIALTIES		115,900.00
Toilet Partitions	41,910.00	
Toilet Accessories	20,066.00	
Expansion Joint	2,960.00	
Corner Guards	5,164.00	
Signage Interior	5,900.00	
Signage Exterior (Allow)	15,000.00	
Lockers	24,900.00	
11. EQUIPMENT		8,600.00
Kitchen Appliances	8,600.00	
12. FURNISHING		14,360.00
Blinds	9,860.00	
Walk-off Mats	4,500.00	
13. SPECIAL CONSTRUCTION		6,130.00
Fire Hose Cabs	6,130.00	
14. CONVEYING SYSTEM		60,000.00
Elevators	60,000.00	

CCMS Concept Estimate Cobb County TMC, 4/04/07 (Cont.)

15. MECHANICAL

717,370.00

Fire Protection	50,970.00
Plumbing	160,000.00
HVAC	506,400.00

16. ELECTRICAL

782,900.00

Video Wall	360,000.00
Security	51,000.00
Emerg. Generator	190,900.00
Lights, Power & Distribution	181,000.00

TOTAL \$3,884,658.00