

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006402, Fulton-DeKalb Counties **OFFICE** Preconstruction
CSNHS-0006-00(402)
I-20 Ramp Meters from I-285 in Fulton to
I-285 in DeKalb **DATE** September 14, 2006

FROM *Cynthia Kice*
Genetha Kice-Singleton, Assistant Director of Preconstruction

TO *For* SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

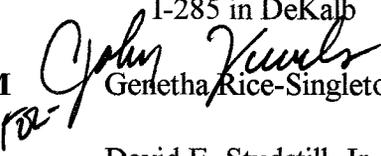
Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER
FHWA

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0006402, Fulton-DeKalb Counties **OFFICE** Preconstruction
CSNHS-0006-00(402)
I-20 Ramp Meters from I-285 in Fulton to
I-285 in DeKalb

DATE August 29, 2006

FROM  Geretha 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 I-VDS cameras and CCTV cameras (if existing CCTV cameras do not provide adequate coverage) at all entrance ramp locations along I-20 from H.E. Holmes Drive to Columbia Drive except as noted below. 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 the H.E. Holmes Drive (SR 280), MLK Drive/Anderson Avenue (SR 139), Langhorn Street/Sells Avenue (eastbound only), Joseph E. Lowery Boulevard, Lee Street (eastbound only), McDaniel Street (westbound only), Windsor Street/Spring Street, Pryor Street (westbound only), Capitol Avenue (eastbound only), Hill Street (eastbound only), Boulevard (westbound only), Moreland Avenue (SR 42) (one eastbound and two westbound ramps), Maynard Terrace (westbound only), Flat Shoals Road East (eastbound only), Candler Road (SR 155), and Columbia Drive (westbound only) interchanges on the eastbound and westbound entrance ramps unless noted otherwise. Each ramp meter will require an I-VDS camera for providing detection of the mainline travel lanes, inductive loops for providing detection of the ramp travel lane(s), and possibly a CCTV camera if existing CCTV cameras do not provide adequate coverage. Ramp meters will not be installed at the freeway-to-freeway entrance ramps of I-85/I-75, I-285 (west), and I-285 (east), or at entrances onto collector-distributor systems at Boulevard eastbound and Glenwood Connector westbound.

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

David Studstill

Page 2

P. I. No. 0006402, Fulton-DeKalb

August 29, 2006

The estimated costs for this project are:

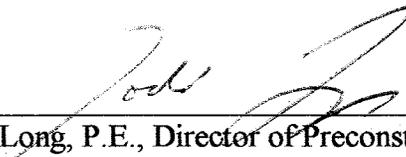
	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$3,293,000	\$1,500,000	GRVS	2007
Right-of-Way & Utilities	-0-	-0-		

I recommend this project concept be approved.

GRS:JDQ/cj

Attachment

CONCUR



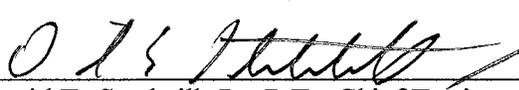
Todd I. Long, P.E., Director of Preconstruction

APPROVE



For: Robert M. Callan, Administrator, FHWA

APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CSNHS-0006-00(402) Fulton/DeKalb **OFFICE:** Engineering Services
P.I. No. 0006402
I-20 ATMS/Ramp Meters

DATE: August 21, 2006

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

TO: ~~Meg Pirkle, P.E.~~, Assistant Director of Preconstruction
Genetha Rice - Singleton

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted August 21, 2006 from Keith Golden, and have no comments.

The costs for this project are:

Construction	\$2,993,200
Inflation	\$0.00
E & C	\$299,320
Reimbursable Utilities	\$0.00
Right of Way	\$0.00

REW

c: Keith Golden, Attn.: Jim Tolson

SCORING RESULTS AS PER TOPPS 2440-2

Project Number: CSNHS-0006-00(402)		County: Fulton/DeKalb		PI No.: 0006402	
Report Date: August 18, 2006		Concept By: DOT Office: Traffic Safety and Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: URS Corporation			
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				

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

**CSNHS-0006-00(402)
FULTON/DEKALB COUNTIES
P.I. NO. 0006402**

**FEDERAL ROUTE NO: I-20
STATE ROUTE NO: 402**

I-20 From I-285 in Fulton to I-285 in Dekalb

Recommendation for approval:

DATE 8-18-06



State Traffic Safety & Design Administrator

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 Traffic Operations Engineer

DATE _____

State Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

District Engineer

DATE 8/21/06



Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CSNHS-0006-00(402)
FULTON/DEKALB COUNTIES
P.I. NO. 0006402

FEDERAL ROUTE NO: I-20
STATE ROUTE NO: 402

I-20 From I-285 in Fulton to I-285 in Dekalb

Recommendation for approval:

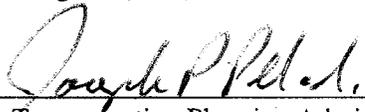
DATE 8-18-06



State Traffic Safety & Design Administrator

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DATE 8/21/06



State Transportation Planning Administrator

DATE _____

State Traffic Operations Engineer

DATE _____

State Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

ATTACHMENT #3

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: CSNHS-0006-00(402) FULTON/DEKALB COUNTIES

P. I. NO. 0006402

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: SEPTEMBER 14, 2006

Project CSNHS-0006-00(402) in Fulton/DeKalb Counties consists of installing ramp meters along I-20 from the H.E. Holmes Drive interchange in Fulton County to the Columbia Drive interchange in DeKalb County. The ramp meters will control the release of vehicles onto I-20 during peak hours thereby 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. This project will include ramp meters which will include the installation of I-VDS cameras and potentially CCTV cameras at all entrance ramp locations along I-20 from I-H.E. Holmes Drive to Columbia Drive except as noted in the Concept Report. The CCTV cameras will allow for improved monitoring of the interchanges and operation of the ramp meters at the Transportation Management Center (TMC). This project will use the existing fiber optic trunk line along I-20 to tie in with Hubs G, H, and I.

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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

**CSNHS-0006-00(402)
FULTON/DEKALB COUNTIES
P.I. NO. 0006402**

**FEDERAL ROUTE NO: I-20
STATE ROUTE NO: 402**

I-20 From I-285 in Fulton to I-285 in Dekalb

Recommendation for approval:

DATE 8-18-06



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DATE _____

State Transportation Planning Administrator

DATE _____

State Traffic Operations Engineer

DATE _____

State Financial Management Administrator

DATE _____

State Environmental / Location Engineer

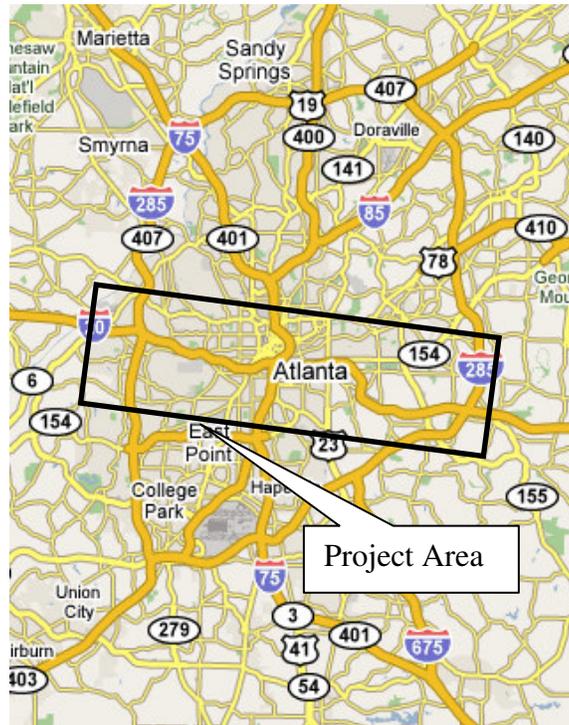
DATE _____

District Engineer

DATE _____

Project Review Engineer

PROJECT LOCATION MAPS



Location of Project in Fulton/DeKalb County



Project Limits in Fulton/DeKalb County

Need and Purpose:

The purpose of this project is to increase the efficiency and safety of the corridor by installing ramp meters along I-20 from the H.E. Holmes interchange in Fulton County to the Columbia Drive interchange in DeKalb County. The ramp meters will control the release of vehicles onto I-20 during peak hours thereby 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, the system either has been or will be extended along I-20, I-75, I-85, I-285, I-575, I-675, I-985, SR 316, SR 400, SR 410, SR 161, and SR 141. The system consists of Closed Circuit Television (CCTV) cameras, Video Detection System (VDS) cameras, Changeable Message Signs (CMS), and ramp meter traffic signals that use either Intersection Vehicle Detection System (I-VDS) cameras or inductive loops for detector input. By use of a fiber optic communications backbone, all the devices are tied to the Transportation Management Center (TMC) and various Traffic Control Centers (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-20 from H.E. Holmes Drive to Columbia Drive. This project includes new field device connections to Hubs G and H in Fulton County, and Hub I in DeKalb County.

Description of the proposed project:

Coverage

This project will include ramp meters which will include the installation of I-VDS cameras and CCTV cameras (if existing CCTV cameras do not provide adequate coverage) at all entrance ramp locations along I-20 from H.E. Holmes Drive to Columbia Drive except as noted below. The CCTV cameras will allow for improved monitoring of the interchanges and operation of the ramp meters at the Transportation Management Center (TMC). This project will use the existing fiber optic trunk line along I-20 to tie in with Hubs G, H, and I.

Communications Plan

This project will use the new digital communications architecture. Spare fibers in the cabinet will be provided to the extent that existing unused fibers will allow. The video data and control communications from the CCTV cameras will be sent via Gigabit Ethernet network, as opposed to the older analog method involving switches and multiplexers. Communications to the signal controller will be via the Gigabit Ethernet network. 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 the H.E. Holmes Drive (SR 280), MLK Drive/Anderson Avenue (SR 139), Langhorn Street/Sells Avenue (eastbound only), Joseph E. Lowery Boulevard, Lee Street (eastbound only), McDaniel Street (westbound only), Windsor Street/Spring Street, Pryor Street (westbound only), Capitol Avenue (eastbound only), Hill Street (eastbound only), Boulevard (westbound only), Moreland Avenue (SR 42) (one eastbound and two westbound ramps), Maynard Terrace (westbound only), Glenwood Avenue (SR 260), Flat Shoals Road West (westbound only), Gresham Road (westbound only), Flat Shoals Road East (eastbound only), Candler Road (SR 155), and Columbia Drive (westbound only) interchanges on the eastbound and westbound entrance ramps unless noted otherwise. Each ramp meter will require an I-VDS camera for providing detection of the mainline travel lanes, inductive loops for providing detection of the ramp travel lane(s), and possibly a CCTV camera if existing CCTV cameras do not provide adequate coverage. Ramp meters will not be installed at the freeway-to-freeway entrance ramps of I-85/I-75, I-285 (West), and I-285 (East) or at entrances onto collector-distributor systems at Boulevard eastbound and Glenwood Connector westbound.

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-20

State Route Number(s): SR 402

Traffic (AADT):

Current Year (2004):

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

I-20 (H.E. Holmes to MLK Drive/Anderson Avenue)	172,650
I-20 (MLK Drive/Anderson Avenue to Westview Drive)	174,230
I-20 (Langhorn Street to EB off to Joseph E. Lowery Boulevard)	183,950
I-20 (Joseph E. Lowery Boulevard to WB off to Joseph E. Lowery Boulevard)	183,730
I-20 Lee Street to EB off to Mc Daniel Street)	208,030
I-20 (McDaniel Street to MARTA underpass)	195,050
I-20 (Windsor Street to I-75 & I-85)	180,030
I-20 (I-75 & I-85 to WB off to Capitol Avenue)	183,910
I-20 (Hill Street to ED off to Boulevard)	202,730
I-20 (Glenwood Connector to Moreland Avenue)	188,470
I-20 (Moreland Avenue to EB off to Maynard Terrace)	172,510
I-20 (Maynard Terrace to WB on FM Glenwood Avenue)	157,960
I-20 (Glenwood Avenue to WB on FM Flat Shoals Road)	151,630
I-20 (Flat Shoals Road to Gresham Road)	144,620
I-20 (Flat Shoals Road to EB off to Candler Road)	143,481
I-20 (Candler Road to WB on FM Columbia Drive)	144,600

Existing design features:

- Typical Sections:
 - *I-20: Number of lanes vary in each direction*
- Posted speed:
 - *I-20: 50 mph from I-285 (West) to Lee Street*
 - *I-20: 55 mph from Lee Street to I-285 (East)*
- Minimum Radius: *N/A*
- Maximum grade: *N/A*
- Major structures:
 - *Bridge at H.E. Holmes Drive underpass at I-20*
 - *Bridge at CSX/MARTA underpass at I-20*
 - *Bridge at Fairfield Place underpass at I-20*
 - *Bridge at Anderson Avenue underpass at I-20*
 - *Bridge at MLK Drive underpass at I-20*
 - *Bridge at West Lake Avenue underpass at I-20*
 - *Bridge at Westview Drive overpass at I-20*
 - *Bridge at Langhorn Street underpass at I-20*
 - *Bridge at Lawton Street underpass at I-20*
 - *Bridge at Lucille Avenue underpass at I-20*
 - *Bridge at Joseph E. Lowery Boulevard underpass at I-20*
 - *Bridge at Lee Street overpass at I-20*
 - *Bridge at Whitehall Street/CSX underpass at I-20*
 - *Bridge at Metropolitan Parkway underpass at I-20*
 - *Bridge at McDaniel Street overpass at I-20*
 - *Bridge at MARTA overpass at I-20*
 - *Bridge at Windsor Street/Spring Street underpass at I-20*
 - *Bridge at Pryor Street underpass at I-20*
 - *Bridge at Central Avenue underpass at I-20*
 - *Bridge at Washington Street underpass at I-20*
 - *Bridge at I-75/I-85 underpass at I-20*
 - *Bridge at Capitol Avenue overpass at I-20*
 - *Bridge at Hill Street overpass at I-20*
 - *Bridge at Cherokee Avenue overpass at I-20*
 - *Bridge at Boulevard overpass at I-20*
 - *Bridge at Glenwood Memorial Connector overpass at I-20*
 - *Bridge at Moreland Avenue overpass at I-20*
 - *Bridge at Maynard Terrace overpass at I-20*
 - *Bridge at Clifton Street overpass at I-20*
 - *Bridge at Glenwood Avenue overpass at I-20*
 - *Bridge at Flat Shoals Road overpass at I-20*
 - *Bridge at Fayetteville Road overpass at I-20*
 - *Bridge at Gresham Road overpass at I-20*
 - *Bridge at Flat Shoals Road overpass at I-20*
 - *Bridge at Lloyd Road overpass at I-20*
 - *Bridge at Candler Road overpass at I-20*
 - *Bridge at Columbia Drive overpass at I-20*

- Major interchanges or intersections along the project:
 - *I-20 @ H.E. Holmes Drive (SR 280)*
 - *I-20 @ MLK Drive/Anderson Avenue (SR 139)*
 - *I-20 @ Langhorn Street*
 - *I-20 @ Joseph E. Lowery Boulevard*
 - *I-20 @ Lee Street*
 - *I-20 @ Mc Daniel Street*
 - *I-20 @ Windsor Street/Spring Street*
 - *I-20 @ I-75/I-85*
 - *I-20 @ Capitol Avenue*
 - *I-20 @ Hill Street*
 - *I-20 @ Boulevard*
 - *I-20 @ Glenwood Connector (SR 154)*
 - *I-20 @ Moreland Avenue (SR 42)*
 - *I-20 @ Glenwood Avenue (SR 260)*
 - *I-20 @ Flat Shoals Road (CR 5194)*
 - *I-20 @ Gresham Road (CR 101)/Flat Shoals Road (CR 5194)*
 - *I-20 @ Candler Road (SR 155)*
 - *I-20 @ Columbia Drive (CR 5154)*

- Existing length: *I-20 from I-285 (West) to Hub “G” at H.E. Holmes Drive: 1.4 miles*
I-20 from Hub “G” at H.E. Holmes Drive to Capitol Avenue: 6.4 miles
I-20 from Hub “H” at Capitol Avenue to Hub “I” at Columbia Drive: 8.7 miles
I-20 from Hub “I” at Columbia Drive to I-285 (East): 0.7 miles
Total Project Length: 17.2 miles

Proposed Design Features:

- Typical Sections:
 - *I-20: Existing section to remain*
- Posted speed:
 - *I-20: Existing posted speed 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 Pole(s) possibly for CCTV and I-VDS cameras.
 - Mast Arms and Pedestals for traffic signal heads

- Major intersections and interchanges:
 - I-20 @ H.E. Holmes Drive (SR 280)
 - I-20 @ MLK Drive/Anderson Avenue (SR 139)
 - I-20 @ Langhorn Street
 - I-20 @ Joseph E. Lowery Boulevard
 - I-20 @ Lee Street
 - I-20 @ Mc Daniel Street
 - I-20 @ Windsor Street/Spring Street
 - I-20 @ I-75/I-85
 - I-20 @ Capitol Avenue
 - I-20 @ Hill Street
 - I-20 @ Boulevard
 - I-20 @ Glenwood Connector (SR 154)
 - I-20 @ Moreland Avenue (SR 42)
 - I-20 @ Glenwood Avenue (SR 260)
 - I-20 @ Flat Shoals Road (CR 5194)
 - I-20 @ Gresham Road (CR 101)/Flat Shoals Road (CR 5194)
 - I-20 @ Candler Road (SR 155)
 - I-20 @ Columbia Drive (CR 5154)

- Traffic control during construction: *Shoulder closures and/ or lane closures will be necessary during installation of conduit, fiber optic cables, strain poles, mast arms, and traffic signal pedestals.*

- Design Exceptions to controlling criteria anticipated: *Undetermined at this time. Upon the collection of lane distances and widths, the actual need for design exceptions can be ascertained. A possible design speed exception may involve not providing standard acceleration distances from the stop bar to the merge point in order to enhance queue storage as a result of several ramps inside I-285 being very short in length. In addition, if and when it is proposed to restripe single-lane ramps to accommodate two lanes, lane width and shoulder width design exceptions may be required.*

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 Anticipated*
- Environmental Concerns: *None Anticipated*
- Probable Locations of UST's: *N/A*
- Probable Locations of Hazardous Waste: *None Anticipated*
- 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 cameras and ramp meter signals. Whenever possible, existing NaviGator service points will be utilized versus calling for new/additional service points.*
- Meets Logical Termini Requirements: *Yes*
- Conforms to TIP/STIP: *Yes*

Project responsibilities:

- Design: *URS Corporation 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: *July 6, 2006.*
- Initial Concept Meeting date and brief summary: *Waived.*
- Concept meeting date and brief summary: *August 14, 2006. No changes requested.*
- P. A. R. meetings, dates and results: *None Required*
- Public involvement: *No public meetings are anticipated.*
- Railroad: *Anticipated at multiple locations.*
- Local government comments: *N/A*
- Other projects in the area: *See attached list*
- Other coordination to date: *None.*

Scheduling – Responsible Parties’ Estimate:

- Time to complete the environmental process: *4 Months*
- Time to complete preliminary construction plans: *5 Months*
- Time to complete right of way plans: *N/A*
- Time to complete the Section 404 Permit: *N/A*
- Time to complete final construction plans: *3 Months*
- Time to complete to purchase right of way: *N/A*

Other alternates considered:

Alternative #1: No Build

Comments: *Extension of NaviGator system, Current fiscal year FY 07.*

Attachments:

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

ATTACHMENT #1

COST ESTIMATE:

**I-20 Ramp Meters from I-285 (West)/Fulton to I-285 (East)/DeKalb
 CSNHS-0006-00(402), PI 0006402
 Fulton/DeKalb Counties
 Quantities and Cost Summary
 Concept Cost Estimate**

Item Code	Description	Unit	Quantity	Engineer Estimate	
				Unit Price (\$)	Amount (\$)
150-1000	Traffic Control CSNHS-0006-00(402)	LS	Lump	\$ 150,000.00	\$ 150,000.00
615-1200	Directional Bore - 3 IN	LF	500	\$ 20.00	\$ 10,000.00
682-6233	Conduit, Nonmetl, TP 3, 2 IN	LF	54000	\$ 4.00	\$ 216,000.00
935-1509	Outside Plant Fiber Optic Cable, Drop, SM, 4 Fiber	LF	13500	\$ 2.00	\$ 27,000.00
935-1513	Outside Plant Fiber Optic Cable, Drop, SM, 24 Fiber	LF	400	\$ 3.00	\$ 1,200.00
935-3101	Fiber Optic Closure, Underground, 6 Fiber	EA	23	\$ 600.00	\$ 13,800.00
935-3103	Fiber Optic Closure, Underground, 24 Fiber	EA	4	\$ 800.00	\$ 3,200.00
935-4010	Fiber Optic Splice, Fusion	EA	140	\$ 50.00	\$ 7,000.00
XXX-XXXX	Ramp Meter Equipment	EA	27	\$ 95,000.00	\$ 2,565,000.00
Total Estimate					\$ 2,993,200.00

Total Estimate:	\$ 2,993,200.00
Inflation:	0
10% E & C	\$ 299,320.00
Total Project Cost	\$ 3,292,520.00

ATTACHMENT #2

PROJECTS IN AREA:

1. HOV Lanes – I-20 from SR 6 (Thornton Road) to SR 280 (HE Holmes Drive) / GDOT PI# 0001760 / Construction\$ Programmed 2009)
2. I-20 West Noise Barriers from Fulton Industrial Boulevard to HE Holmes Drive / GDOT PI# 714115 / Construction\$ Programmed 2007)
3. I-20 East from Columbia Drive to Evans Mill Road. Includes associated Collector/Distributor Lanes / GDOT PI# 713610 / Construction\$ Programmed >2010)
4. I-20 East Bus Rapid Transit (BRT) from Stonecrest Mall to Downtown Atlanta / GDOT PI# NA / Long Range)