

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006828, Gwinnett County **OFFICE** Preconstruction
STP-0006-00(828)
Satellite Boulevard ITS Installation **DATE** November 20, 2006

FROM *Cyber Kears*
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
Russell McMurry
BOARD MEMBER

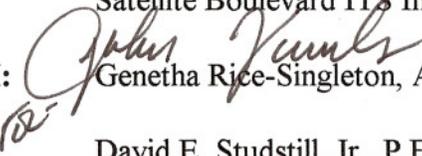
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0006828, Gwinnett County
STP-0006-00(828)
Satellite Boulevard ITS Installation

OFFICE: Preconstruction

DATE: November 6, 2006

FROM:  Genetha Rice-Singleton, Assistant Director of Preconstruction

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

SUBJECT: PROJECT CONCEPT REPORT

This project consists of the installation of fiber optic communications cable and closed circuit television (CCTV) cameras along Satellite Boulevard between SR 378/Beaver Ruin Road in Norcross and SR 317/Lawrenceville-Suwanee Road in Suwanee for a total of 11.30 miles. Traffic volumes on Satellite Boulevard have increased to 44,356 VPD. This arterial has become congested and operates below an acceptable level of service (LOS) during peak hours. The purpose of this project is to enable arterial traffic monitoring, signal control and quicker incident response along Satellite Boulevard. An Intelligent Transportation System (ITS) will allow for improved signal progression and traffic surveillance as well as the ability to control signal timing to effectively manage traffic backup due to incidents along the roadway. The ITS system will allow for a more orderly progression of traffic through the Satellite Boulevard corridor.

The construction proposes an underground fiber trunk line be installed along the shoulder of Satellite Boulevard between SR 378 and SR 317. Network connections to existing fiber optic trunk lines will be designed for the following crossing arterials: SR 378, Steve Reynolds Boulevard, Pleasant Hill Road, Boggs Road, SR 120, Sugarloaf Parkway, Old Peachtree Road, McGinnis Ferry Road, and SR 317. Twelve (12) new CCTV cameras will be installed as well as fiber optic drop cables to 25 traffic signals. The proposed communications infrastructure for this project consists of three, 1-1/4" conduits, type 5 pull boxes, and a 71-single mode fiber communications cable to be installed in the shoulder of Satellite Boulevard. Shoulder closures and/or right lane closures will be required for installation of its devices and trenching for conduit and fiber optic trunk line.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing open house is not required; time saving procedures are appropriate.

P. I. No. 0006828, Gwinnett
November 6, 2006

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and infalction:	\$2,143,000	\$2,568,000	L230	2008
Right-of-Way & Utilities	Local	Local		

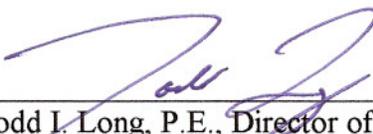
*Gwinnett County signed PMA on 8-2-06 for PE and utilities. Right-of-way and construction to be done by future agreements.

I recommend this project concept be approved.

GRS:JDQ/cj

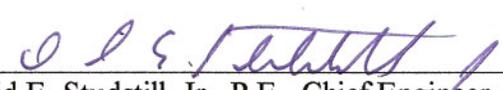
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CONCUR



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

APPROVE



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

NOTICE OF LOCATION AND DESIGN APPROVAL

**PROJECT: STP-0006-00(828) GWINNETT COUNTY
P. I. NO. 0006828**

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 project.

Date of Location and Design Approval: NOVEMBER 20, 2006

Project STP-0006-00(828) in Gwinnett County consists of installing CCTV cameras and fiber optic proposed communications cable along Satellite Boulevard between SR 378/Beaver Ruin Road in Duluth and SR 317/Lawrenceville-Suwanee Road in Suwanee. An underground fiber optic trunk line will be installed along the shoulder of Satellite Boulevard between SR 378/Beaver Ruin Road and SR 317/Lawrenceville-Suwanee Road. Network connections to existing fiber optic trunk lines will be designed for the following crossing arterials: SR 378, Steve Reynolds Boulevard, Pleasant Hill Road, Boggs Road, SR 120, Sugarloaf Parkway, Old Peachtree Road, McGinnis Ferry Road and SR 317. Twelve CCTV cameras will be installed as well as fiber optic drop cables to 25 traffic signals. The cameras will communicate with the TCC through Ethernet field switches.

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) 635-8135
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

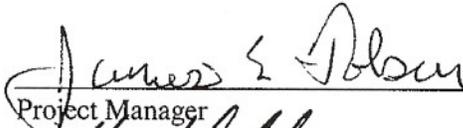
STP-0006-00(828)
GWINNETT COUNTY
P.I. NO. 0006828

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A

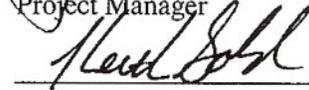
*Satellite Boulevard ITS Design from SR 378/Beaver
Ruin Road to SR 317/Lawrenceville-Suwannee Road*

Recommendation for approval:

DATE 10/19/06


Project Manager

DATE 10/23/06


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 Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental / Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

Project Concept Report
Project Number: STP-0006-00(828)
P.I. Number: 0006828
County: Gwinnett

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

**STP-0006-00(828)
GWINNETT COUNTY
P.I. NO. 0006828**

**FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A**

*Satellite Boulevard ITS Design from SR 378/Beaver
Ruin Road to SR 317/Lawrenceville-Suwannee Road*

Recommendation for approval:

DATE _____
Project Manager

DATE _____
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 Transportation Planning Administrator

DATE _____
State Transportation Financial Management Administrator

DATE 10-23-06
Thomas D. Taylor
State Environmental / Location Engineer

DATE _____
State Traffic Operations Engineer

DATE _____
District Engineer

DATE _____
Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: **P.I. # 0006828**

OFFICE: Environment/Location

DATE: October 24, 2006


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

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT
STP-0006-00(828)/Gwinnett County
Satellite Blvd. ITS Design from SR. 378/Bear Ruin Road to SR
317/Lawrenceville-Suwanne Road**

The above subject concept report has been reviewed. This office has no comments at this time.

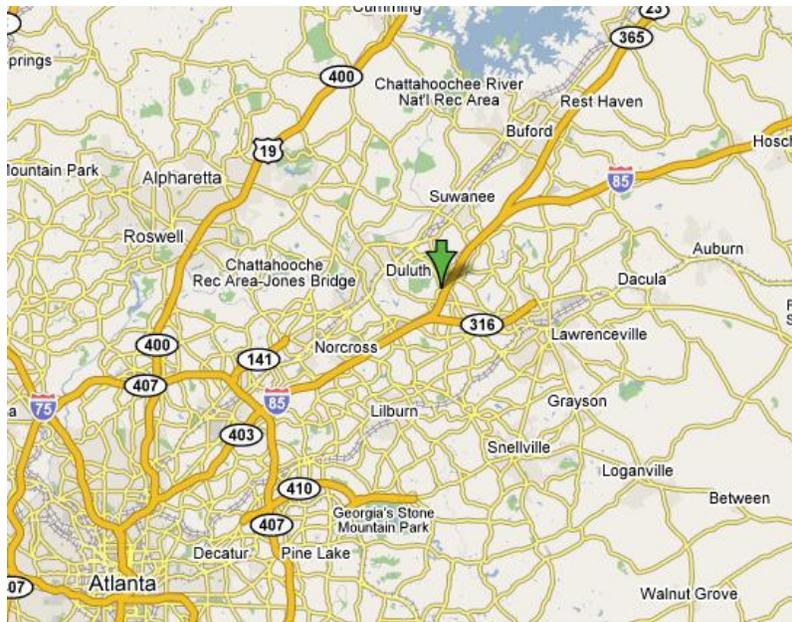
If you have any questions please contact me at (404) 699-4401.

HDK/sdw

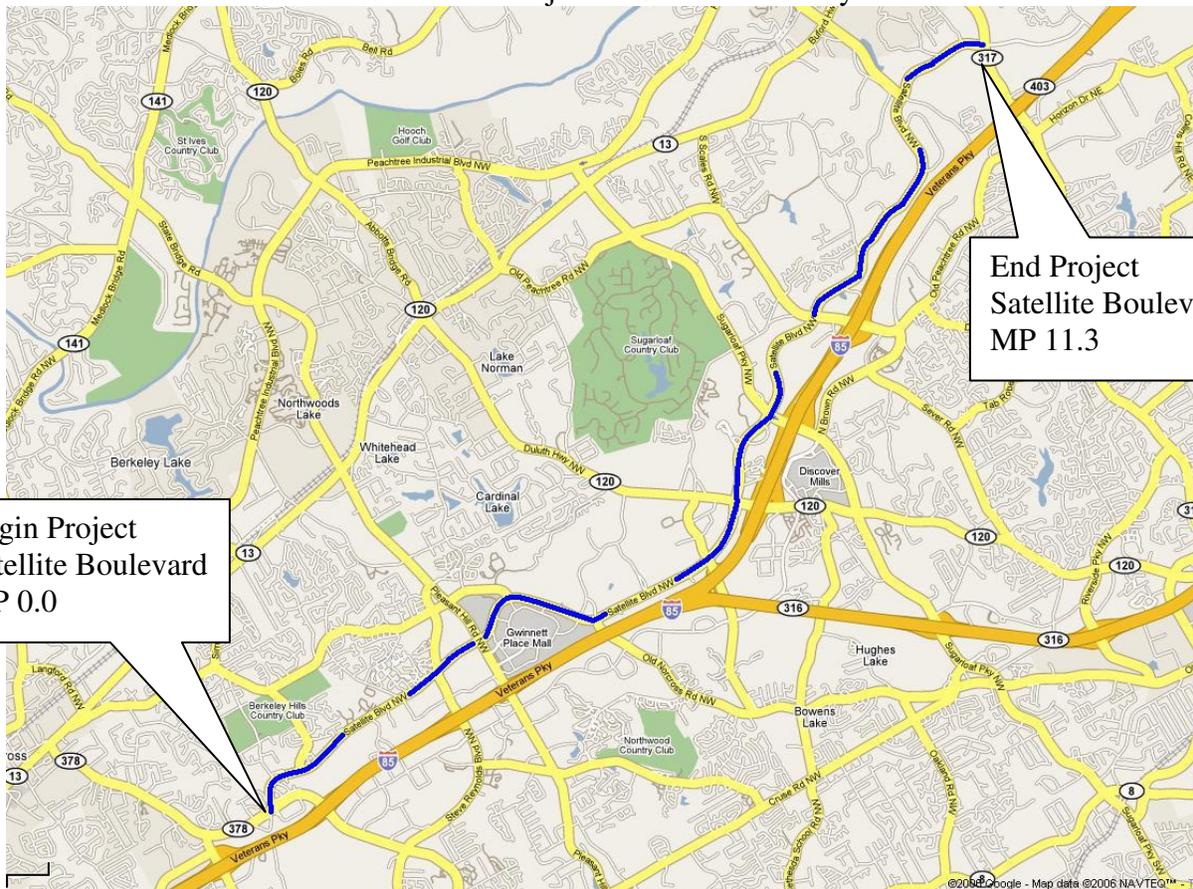
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cc: Brian Summers
Keith Golden
Angela Alexander
Jamie Simpson

PROJECT LOCATION MAP



Location of Project in Gwinnett County



Need and Purpose:

Daily traffic volumes on Satellite Boulevard have increased to as high as 44,356 vpd. This arterial is congested and operates at an unacceptable LOS during peak hours. A traffic management system is needed to help manage peak hour congestion and improve safety.

The purpose of this project is to enable arterial traffic monitoring, signal control and more rapid incident detection along Satellite Boulevard in Gwinnett. An intelligent transportation system will improve signal progression and traffic surveillance, as well as the ability to control signal timing and manage traffic back-up due to incidents along the roadway. The ITS system will provide an opportunity for more responsive progression of traffic through the Satellite Boulevard corridor.

Description of the proposed project:

This project includes the design of fiber optic communications cable and closed-circuit television (CCTV) cameras along Satellite Boulevard between SR 378/Beaver Ruin Road in Norcross and SR 317/Lawrenceville-Suwanee Road in Suwanee. The approximate length of this project is 11.3 miles. An underground fiber optic trunk line will be installed along the shoulder of Satellite Boulevard between SR 378 / Beaver Ruin Road and SR 317/Lawrenceville-Suwanee Road. Network connections to existing fiber optic trunk lines will be designed for the following crossing arterials: SR 378, Steve Reynolds Boulevard, Pleasant Hill Road, Boggs Road, SR 120, Sugarloaf Parkway, Old Peachtree Road, McGinnis Ferry Road and SR 317. Twelve CCTV cameras will be installed as well as fiber optic drop cables to 25 traffic signals. The cameras will communicate with the TCC through Ethernet field switches.

The following sections outline ITS field device locations:

Closed Circuit Television (CCTV)

Twelve new CCTV cameras will be installed and connected via Ethernet into the proposed communications system. Proposed camera locations include the following intersections:

1. Satellite Boulevard between Pond Road and Satellite Point
2. Satellite Boulevard between West Lidell Road and Steve Reynolds Boulevard
3. Satellite Boulevard @ Pleasant Hill Road
4. Satellite Boulevard @ Old Norcross Road West
5. Satellite Boulevard @ Commerce Avenue
6. Satellite Boulevard between Old Norcross Road East and Evergreen Boulevard
7. Satellite Boulevard @ Boggs Road
8. Satellite Boulevard @ SR 120 / Duluth Highway
9. Satellite Boulevard @ Sugarloaf Circle
10. Satellite Boulevard @ Sugarloaf Parkway
11. Satellite Boulevard @ Old Peachtree Road
12. Satellite Boulevard @ McGinnis Ferry Road

Communications Network

The proposed communications infrastructure for this project consists of three (3) 1-1/4" conduits, Type 5 pull boxes, and a 72-single mode fiber communication cable, which will be installed in the shoulder of Satellite Boulevard. Fiber optic drop cables will be installed for traffic signals at the following intersections:

1. SR 378 / Beaver Ruin Road
2. Pond Road / Valley Ridge Lane
3. Satellite Point

4. West Lidell Road
5. Steve Reynolds Boulevard
6. Satellite Square (Future)
7. Market Fair (Future)
8. Pleasant Hill Road
9. Market Street (Future)
10. Merchants Way
11. Gwinnett Plantation Way (Future)
12. Old Norcross Road (West)
13. Mall Entrance
14. Tandy Key Lane
15. Satellite Place Court
16. Commerce Avenue
17. Old Norcross Road (East)
18. Evergreen Boulevard
19. Boggs Road
20. Duluth Highway/SR 120
21. Sugarloaf Circle / Woodiron Drive
22. Sugarloaf Parkway
23. Old Peachtree Road
24. McGinnis Ferry Road / Burnette Road
25. SR 317 / Lawrenceville-Suwannee Road

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: Urban Principal Arterial

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

State Route Number(s): N/A

Traffic (AADT):

Current Year (2005): 44,356 Design Year (2025): N/A

Existing design features:

- Typical Sections:
 - 1.) Beaver Ruin/SR 378 to Old Norcross (West): 4-12 foot travel lanes with a 14' two-way-left-turn lane and concrete curb and gutter on both sides of the roadway.
 - 2) Old Norcross Rd (West) to Old Norcross Rd. (East): 6-12 foot travel lanes with a 20' raised median and concrete curb and gutter on both sides of the roadway.
 - 3.) Old Norcross Rd (East) to Duluth Hwy/SR 120: 4-12 foot travel lanes with a 14' two-way-left-turn lane and concrete curb and gutter on both sides of the roadway.
 - 4.) Duluth Highway/SR 120 to Lawrenceville-Suwannee Rd/SR 317:): 4-12 foot travel lanes with a 20' raised median and concrete curb and gutter on both sides of the roadway.

VERTICAL CLEARANCE:
BRIDGE WIDTH:
BRIDGE STRUCTURAL CAPACITY:

- Design Variances: *None Anticipated*
- Environmental Concerns: *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 CCTV cameras.*

Project responsibilities:

- Design: *Gresham Smith and Partners on behalf of Gwinnett County*
- Right of Way Acquisition: *Gwinnett County*
- Relocation of Utilities: *Gwinnett County*
- Letting to contract: *Gwinnett County*
- Supervision of construction: *Gwinnett County*
- Providing material pits: *None Required*
- Providing detours: *None Anticipated*

Coordination

- 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.
- Other projects in the area:
- Other coordination to date:

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: *2 Months*
- Time to complete to purchase right of way: *N/A*

Other alternates considered:

Alternative #1: No Build

Alternative #2: Gwinnett County considered aerial installation of the fiber optic trunk line, but because of the existing aerial utilities and anticipated make-ready work, it was decided that underground installation by directional boring was the most practical way to install the trunk line.

Comments: *None*

Attachments:

1. Cost Estimate including E & C
2. Lists of Projects in the Area
3. CCTV Camera and Drop Cable Schematic
4. Concept Report Rating Form
5. Notice of Location and Design Approval

**Quantities and Cost Summary
 Concept Cost Estimate**

Item Code	Description	Unit	Quantity	Engineer Estimate	
				Unit Price (\$)	Amount (\$)
150-1000	Traffic Control STP-0005-00(688)	Lump	Lump		\$ 175,000.00
615-1200	Directional Bore, 4 IN	Lin Ft	60,000	\$ 8.00	\$ 480,000.00
639-2001	Steel Wire Strand Cable, 1/4 IN	Lin Ft	1,000	\$ 2.50	\$ 2,500.00
639-4004	Strain Pole, Type IV, 50 ft	Each	12	\$ 8,000.00	\$ 96,000.00
647-2150	Pullbox, PB-5	Each	120	\$ 1,500.00	\$ 180,000.00
682-6110	Conduit, Nonmetl, TP 2, 1 IN	Lin Ft	2,000	\$ 8.00	\$ 16,000.00
682-6120	Conduit, Nonmetl, TP 2, 2 IN	Lin Ft	2,000	\$ 9.00	\$ 18,000.00
682-6231	Conduit, Nonmetl, TP 3, 1 1/4 IN	Lin Ft	180,000	\$ 2.50	\$ 450,000.00
935-1116	Outside Plant Fiber Optic Cable, Loose Tube, SM, 72 Fiber	Lin Ft	73,200	\$ 2.00	\$ 146,400.00
935-1512	Outside Plant Fiber Optic Cable, Drop, SM, 12 Fiber	Lin Ft	10,000	\$ 2.00	\$ 20,000.00
935-3101	Fiber Optic Closure, Underground, 6 Fiber	Each	4	\$ 700.00	\$ 2,800.00
935-3102	Fiber Optic Closure, Underground, 12 Fiber	Each	32	\$ 800.00	\$ 25,600.00
935-3103	Fiber Optic Closure, Underground, 24 Fiber	Each	2	\$ 800.00	\$ 1,600.00
935-3105	Fiber Optic Closure, Underground, 48 Fiber	Each	1	\$ 800.00	\$ 800.00
935-3106	Fiber Optic Closure, Underground, 72 Fiber	Each	9	\$ 1,000.00	\$ 9,000.00
935-3603	Fiber Optic Closure, FDC Preterminated, Type A, 12 Fiber	Each	37	\$ 800.00	\$ 29,600.00
935-4010	Fiber Optic Splice, Fusion	Each	896	\$ 40.00	\$ 35,840.00
935-8000	Testing	Lump	Lump		\$ 10,000.00
935-8500	Training	Lump	Lump		\$ 5,000.00
936-1001	CCTV System, Type B	Each	12	\$ 6,000.00	\$ 72,000.00
936-8000	Testing	Lump	Lump		\$ 5,000.00
936-8500	Training	Lump	Lump		\$ 5,000.00
939-1190	Video Encoder, Type A	Each	12	\$ 6,000.00	\$ 72,000.00
939-1195	Video Decoder, Type A	Each	3	\$ 6,000.00	\$ 18,000.00
939-2300	Field Switch, Type C	Each	25	\$ 3,500.00	\$ 87,500.00
939-2305	Field Switch, Type D	Each	8	\$ 3,200.00	\$ 25,600.00
939-2232	GBIC, Type B	Each	8	\$ 1,500.00	\$ 12,000.00
939-4040	Type D Cabinet	Each	12	\$ 4,500.00	\$ 54,000.00
939-5010	Electrical Power Assembly Aerial Point	Each	12	\$ 3,500.00	\$ 42,000.00
939-8000	Testing	Lump	Lump		\$ 25,000.00
939-8500	Training	Lump	Lump		\$ 20,000.00
Total Estimate					\$ 2,142,240.00

PROJECTS IN AREA:

- 1. Satellite Boulevard widening (4 lane divided to 6 lane divided) from Steve Reynolds Boulevard to Old Norcross Road (West)**
- 2. Satellite Boulevard Traffic Signal Upgrades (PI# 0007332) – Will upgrade the signals at Commerce Avenue, Evergreen Parkway, Merchants Way, Old Norcross (East) and Old Norcross (West)**
- 3. Paragon at Satellite Development (Pond Road) – Real Estate Development**
- 4. Huntcrest Development - North of Old Peachtree with 2 future signals – Real Estate Development**
- 5. West Liddell Road widening from Satellite Boulevard to Venture Drive – see attached ARC project fact sheet**
- 6. Pleasant Hill Road ATMS from US 29 to Steve Reynolds Boulevard – see attached ARC project fact sheet**
- 7. Pleasant Hill Road Traffic Signal Upgrades (PI# 0007327) – Includes signal at Satellite Boulevard and Pleasant Hill Road**
- 8. Old Norcross Road ATMS from Breckenridge Boulevard to SR 120 – see attached ARC project fact sheet**
- 9. Sugarloaf Parkway ATMS from SR 20 to Peachtree Industrial Boulevard – see attached ARC project fact sheet**
- 10. Gwinnett Arena/Civic Center Pedestrian Improvements – see attached ARC project fact sheet**
- 11. McGinnis Ferry Road extension from Satellite Boulevard to SR 317 – see attached ARC project fact sheet**
- 12. SR 317/Lawrenceville Suwanee Road ATMS from SR 13/US 23 to SR 120 (PI# 0005689)**

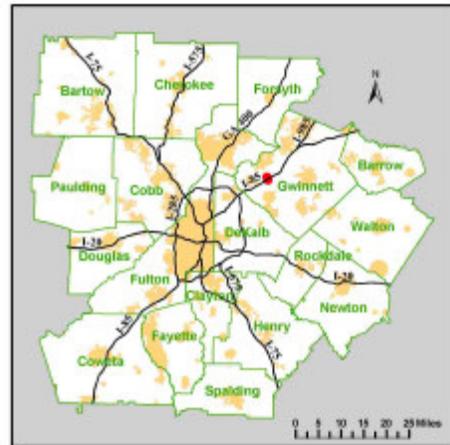
GW-309A

Atlanta Region - Mobility2030 Transportation Plan PROJECT FACT SHEET

Short Title	WEST LIDDELL ROAD / CLUB DRIVE CONNECTOR FROM SATELLITE BOULEVARD TO SHAKELFORD ROAD - DESIGN PHASE WILL INCLUDE ACCESS MANAGEMENT PLAN [SEE ALSO GW-309B]
GDOT Project No.	0006926
Federal ID No.	CSSTP-0006-00(926)
Status	Programmed
Detailed Description and Justification	This project consists of widening existing West Liddell from Satellite Blvd. to Venture Dr. from 4 to 4 lanes with a center turn lane divided with raised median. The project extends west Liddell Road to a new location from Venture Dr. across I-85 to Shackelford Rd., excluding the I-85 bridge. The project will improve congestion on the I-85 corridor and improve access across I-85.
Service Type	Roadway Capacity
Sponsor	Gwinnett County
Jurisdiction	Gwinnett County
Existing Thru Lane	0 (applicable for road projects only)
Planned Thru Lane	4 (applicable for road projects only)
Corridor Length	0.62 miles (not applicable for all project types)
Network Year	2015 (required if modeled for conformity)
Completion Date	2012
Analysis Level	In the Region's Air Quality Conformity Analysis



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Phase Status & Funding Information for 06-11 TIP	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
			FEDERAL	STATE	BONDS	LOCAL/OTHER
PE Local Jurisdiction/Municipality Funds	2006	\$700,000	\$0,000	\$0,000	\$0,000	\$700,000
ROW Local Jurisdiction/Municipality Funds	2007	\$7,000,000	\$0,000	\$0,000	\$0,000	\$7,000,000
CST STP - Urban (>200K) (ARC)	2010	\$4,200,000	\$3,360,000	\$0,000	\$0,000	\$840,000
		\$11,900,000	\$3,360,000	\$0,000	\$0,000	\$8,540,000

PE: Preliminary Engineering / Design / Study

ROW: Right-of-way Acquisition

CST: Construction / Implementation



For additional information about this project, please visit the Atlanta Regional Commission at www.atlantaregional.com or call (404) 463-3100.



Report Generated: 6/22/2006

GW-302

**Atlanta Region - Mobility2030 Transportation Plan
 PROJECT FACT SHEET**

Short Title	PLEASANT HILL ROAD ATMS FROM US 29 (LAWRENCEVILLE HIGHWAY) TO STEVE REYNOLDS BOULEVARD
GDOT Project No.	0006827
Federal ID No.	CSSTP-0006-00(827)
Status	Programmed
Detailed Description and Justification	The proposed project is the expansion of Gwinnett County's ITS/ATMS infrastructure on Pleasant Hill Rd. The project will consist of installing new fiber optic cable along the corridor from Steve Reynolds Blvd. northwest to Fulton County Line. This will connect with existing fiber optic cable trunk line from Gwinnett Place Mall area to US 29 (Lawrenceville Hwy).
Service Type	ITS-Smart Corridor
Sponsor	Gwinnett County
Jurisdiction	Gwinnett County
Existing Thru Lane	N/A (applicable for road projects only)
Planned Thru Lane	N/A (applicable for road projects only)
Corridor Length	5 miles (not applicable for all project types)
Network Year	2015 (required if modeled for conformity)
Completion Date	2011
Analysis Level	Exempt from Air Quality Analysis (40 CFR 93)



Phase Status & Funding Information for 06-11 TIP	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
			FEDERAL	STATE	BONDS	LOCAL/OTHER
PE Local Jurisdiction/Municipality Funds	2009	\$78,750	\$0,000	\$0,000	\$0,000	\$78,750
CST STP - Urban (>200K) (ARC)	2010	\$420,000	\$336,000	\$0,000	\$0,000	\$84,000
		\$498,750	\$336,000	\$0,000	\$0,000	\$162,750

PE: Preliminary Engineering / Design / Study

ROW: Right-of-way Acquisition

CST: Construction / Implementation



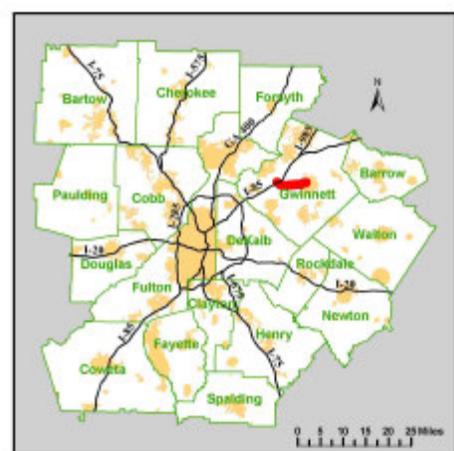
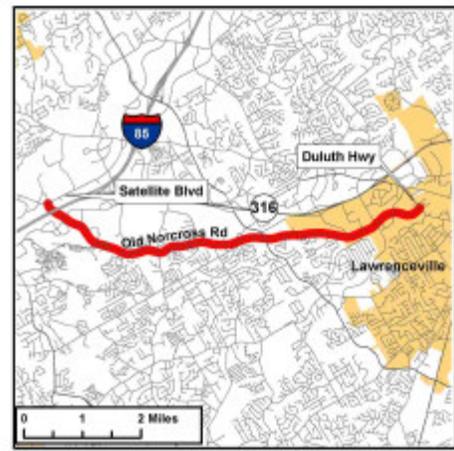
For additional information about this project, please visit the Atlanta Regional Commission at www.atlantaregional.com or call (404) 463-3100.



Report Generated: 6/22/2006

GW-322 Atlanta Region - Mobility2030 Transportation Plan
PROJECT FACT SHEET

Short Title	OLD NORCROSS ROAD ATMS FROM BRECKINRIDGE BOULEVARD TO SR 120 (PIKE STREET IN CITY OF LAWRENCEVILLE)
GDOT Project No.	0005825
Federal ID No.	STP-0005-00(825)
Status	Programmed
Detailed Description and Justification	The Old Norcross Road ITS project will consist of installing fiber optic cable and closed circuit TV cameras from Breckinridge Boulevard to SR 120. This project will enhance the County's Advance Transportation Management system and provide gap closures in the existing system.
Service Type	ITS-Smart Corridor
Sponsor	Gwinnett County
Jurisdiction	Gwinnett County
Existing Thru Lane	N/A (applicable for road projects only)
Planned Thru Lane	N/A (applicable for road projects only)
Corridor Length	7 miles (not applicable for all project types)
Network Year	2010 (required if modeled for conformity)
Completion Date	2008
Analysis Level	Exempt from Air Quality Analysis (40 CFR 93)



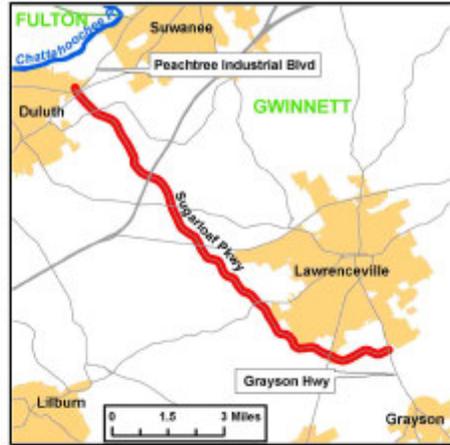
Phase Status & Funding Information for 06-11 TIP	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
			FEDERAL	STATE	BONDS	LOCAL/OTHER
PE Local Jurisdiction/Municipality Funds	2006	\$105,000	\$0,000	\$0,000	\$0,000	\$105,000
CST STP - Urban (>200K) (ARC)	2007	\$1,391,240	\$1,112,992	\$0,000	\$0,000	\$278,248
		\$1,496,240	\$1,112,992	\$0,000	\$0,000	\$383,248

PE: Preliminary Engineering / Design / Study ROW: Right-of-way Acquisition CST: Construction / Implementation

GW-304

**Atlanta Region - Mobility2030 Transportation Plan
 PROJECT FACT SHEET**

Short Title	SUGARLOAF PARKWAY ATMS FROM SR 20 (GRAYSON HIGHWAY) TO PEACHTREE INDUSTRIAL BOULEVARD
GDOT Project No.	0006829
Federal ID No.	CSSTP-0006-00(829)
Status	Programmed
Detailed Description and Justification	The proposed project is the expansion of Gwinnett County's ITS/ATMS infrastructure on Sugarloaf Parkway. The project will consist of installing new fiber optic cable along the corridor from SR 20 (Grayson Hwy.) to Peachtree Industrial Blvd. This will connect with existing fiber optic cable trunk line at the intersection of Peachtree Industrial Blvd., US 23, Satellite Blvd., Old Norcross Rd., and SR 124 (Scenic Hwy.).
Service Type	ITS-Smart Corridor
Sponsor	Gwinnett County
Jurisdiction	Gwinnett County
Existing Thru Lane	N/A (applicable for road projects only)
Planned Thru Lane	N/A (applicable for road projects only)
Corridor Length	12 miles (not applicable for all project types)
Network Year	2010 (required if modeled for conformity)
Completion Date	2009
Analysis Level	Exempt from Air Quality Analysis (40 CFR 93)



Phase Status & Funding Information for 06-11 TIP	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
			FEDERAL	STATE	BONDS	LOCAL/OTHER
PE Local Jurisdiction/Municipality Funds	2008	\$92,250	\$0,000	\$0,000	\$0,000	\$92,250
CST STP - Urban (>200K) (ARC)	2009	\$1,755,000	\$1,404,000	\$0,000	\$0,000	\$351,000
		\$1,847,250	\$1,404,000	\$0,000	\$0,000	\$443,250

PE: Preliminary Engineering / Design / Study

ROW: Right-of-way Acquisition

CST: Construction / Implementation



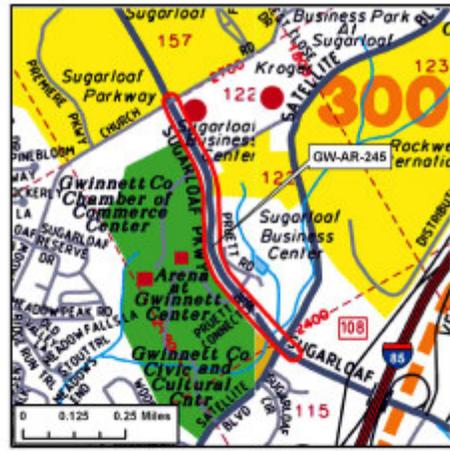
For additional information about this project, please visit the Atlanta Regional Commission at www.atlantaregional.com or call (404) 463-3100.



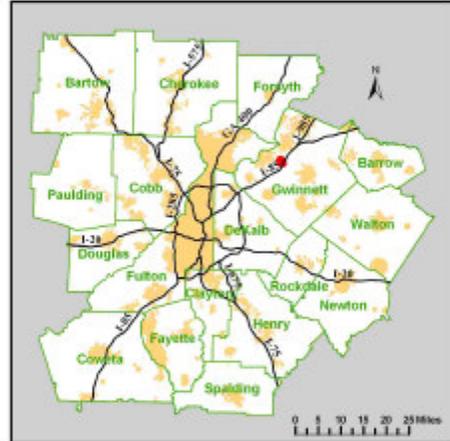
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GW-AR-245 Atlanta Region - Mobility2030 Transportation Plan
PROJECT FACT SHEET

Short Title	GWINNETT ARENA/CIVIC CENTER PEDESTRIAN IMPROVEMENTS		
GDOT Project No.	0006985		
Federal ID No.	CSSTP-0006-00(985)		
Status	Programmed		
Detailed Description and Justification	Construct sidewalks and provide other pedestrian enhancements at key locations on Sugarloaf Parkway including crosswalks, refuge islands and pedestrian actuated signals. Construct a lighted, pedestrian underpass for Satellite Boulevard.		
Service Type	Pedestrian Facility		
Sponsor	Gwinnett County		
Jurisdiction	Gwinnett County		
Existing Thru Lane	N/A (applicable for road projects only)		
Planned Thru Lane	N/A (applicable for road projects only)		
Corridor Length	2.0 miles (not applicable for all project types)		
Network Year	2010 (required if modeled for conformity)		
Completion Date	2009		
Analysis Level	Exempt from Air Quality Analysis (40 CFR 93)		



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Phase Status & Funding Information for 06-11 TIP	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
			FEDERAL	STATE	BONDS	LOCAL/OTHER
CST STP - Urban (>200K) (ARC)	2008	\$1,500,000	\$1,200,000	\$0,000	\$0,000	\$300,000
		\$1,500,000	\$1,200,000	\$0,000	\$0,000	\$300,000

PE: Preliminary Engineering / Design / Study ROW: Right-of-way Acquisition CST: Construction / Implementation

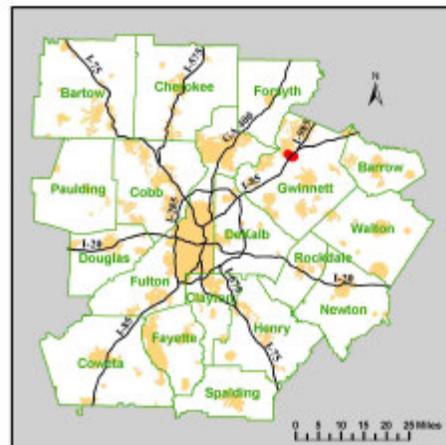
? For additional information about this project, please visit the Atlanta Regional Commission at www.atlantaregional.com or call (404) 463-3100. **ARC**

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GW-119

**Atlanta Region - Mobility2030 Transportation Plan
 PROJECT FACT SHEET**

Short Title	MCGINNIS FERRY ROAD EXTENSION FROM SATELLITE BOULEVARD TO SR 317 (LAWRENCEVILLE SUWANEE ROAD) [SEE ALSO GW-AR-250]
GDOT Project No.	0004456
Federal ID No.	STP-0004-00(456)
Status	Programmed
Detailed Description and Justification	The McGinnis Ferry Road extension project will comprise of extending the road from Lawrenceville-Suwanee Rd to Satellite Blvd. It will extend McGinnis Ferry Road from Satellite Blvd south and East and connect with Lawrenceville-Suwanee Road at Old Peachtree Road. The project improve access to Suwanee and provide gap closure to this major corridor.
Service Type	Roadway Capacity
Sponsor	Gwinnett County
Jurisdiction	Gwinnett County
Existing Thru Lane	0 (applicable for road projects only)
Planned Thru Lane	4 (applicable for road projects only)
Corridor Length	1.59 miles (not applicable for all project types)
Network Year	2007 (required if modeled for conformity)
Completion Date	2007
Analysis Level	In the Region's Air Quality Conformity Analysis



Phase Status & Funding Information for 06-11 TIP	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
			FEDERAL	STATE	BONDS	LOCAL/OTHER
PE STP - Urban (>200K) (ARC)	AUTH	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000
ROW STP - Urban (>200K) (ARC)	AUTH	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000
CST STP - Urban (>200K) (ARC)	2007	\$18,000,000	\$14,400,000	\$0,000	\$0,000	\$3,600,000
		\$18,000,000	\$14,400,000	\$0,000	\$0,000	\$3,600,000

PE: Preliminary Engineering / Design / Study

ROW: Right-of-way Acquisition

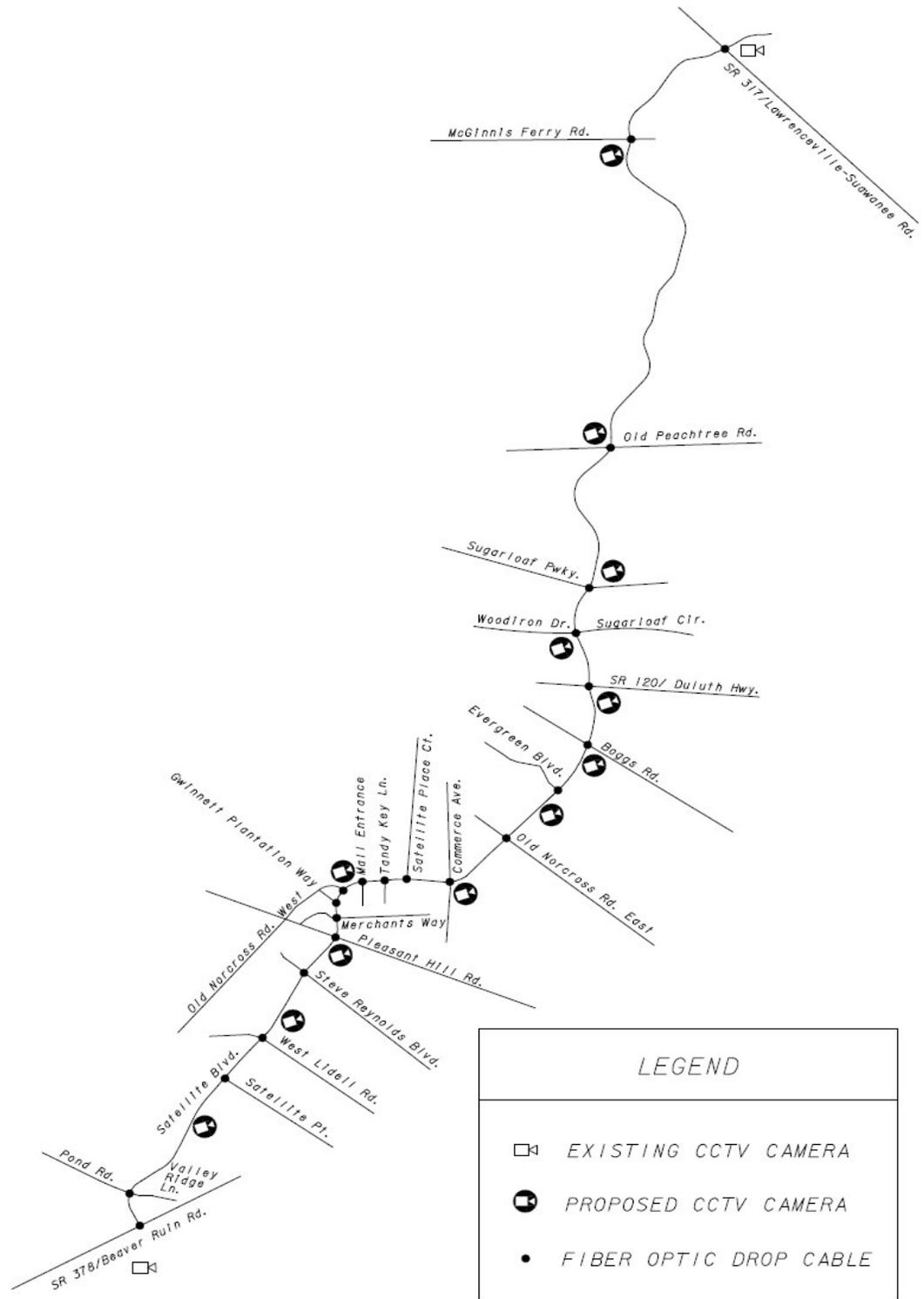
CST: Construction / Implementation



For additional information about this project, please visit the Atlanta Regional Commission at www.atlantaregional.com or call (404) 463-3100.



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