

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

**FILE** P.I. # 0012814  
Gwinnett and DeKalb Counties  
GDOT District 1 - Gainesville  
GDOT District 7 - Metro Atlanta  
Signal Upgrades: SR 8 at 7 locations and  
SR 236 at 2 locations

**OFFICE** Design Policy & Support  
**DATE** 3/27/2015

**FROM**  for Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED CONCEPT REPORT

Attached is the approved Concept Report for the above subject project.

Attachment

**DISTRIBUTION:**

Glenn Bowman, Director of Engineering  
Joe Carpenter, Director of P3/Program Delivery  
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery  
Albert Shelby, State Program Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Hiral Patel, State Environmental Administrator  
Ben Rabun, State Bridge Engineer  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Charles "Chuck" Hasty, State Materials Engineer  
Mike Bolden, State Utilities Engineer  
Richard Cobb, Statewide Location Bureau Chief  
Brent Cook, District 1 Engineer  
Kathy Zahul, District 7 Engineer  
Brandon Kirby, District 1 Preconstruction Engineer  
Scott Lee, District 7 Preconstruction Engineer  
Neil Kantner, District 1 Utilities Engineer  
Azimeye Abu, Project Manager  
BOARD MEMBER - 4th and 7th Congressional Districts

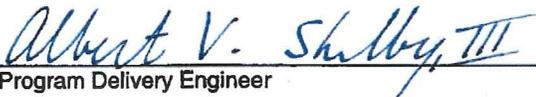
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
LIMITED SCOPE PROJECT CONCEPT REPORT**

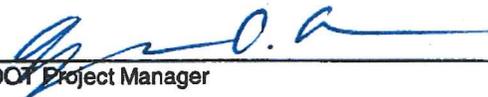
Project Type: Reconstruction/  
Rehabilitation P.I. Number: 0012814  
 GDOT District: Districts 1 & 7 County: DeKalb / Gwinnett  
 Federal Route Number: US 29 State Route Number: SR 8 & SR 236  
 Project Number: \_\_\_\_\_

SR 8 @ 7 LOCS & SR 236 @ 2 LOCS IN DEKALB & GWINNETT

**Submitted for approval:**

 1/19/2015  
 Tim Sapp, PE, Atkins Date

 1/22/2015  
 State Program Delivery Engineer Date

 1/22/2015  
 GDOT Project Manager Date

**Recommendation for approval:**

HIRAL PATEL 1/27/2015  
 State Environmental Administrator Date

ANDREW HEATH 1/29/2015  
 State Traffic Engineer Date

MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).

Rural Area: This project is consistent with the goals outlined in the Statewide Transportation Plan (SWTP) and/or is included in the State Transportation Improvement Program (STIP).

CYNTHIA L. VAN DYKE 1/29/2015  
 State Transportation Planning Administrator Date

**Approval:**

Concur:  3/23/2015  
 GDOT Director of Engineering Date

Approve:  3.24.15  
 GDOT Chief Engineer Date

\* RECOMMENDATION ON FILE - 

# PROJECT LOCATION

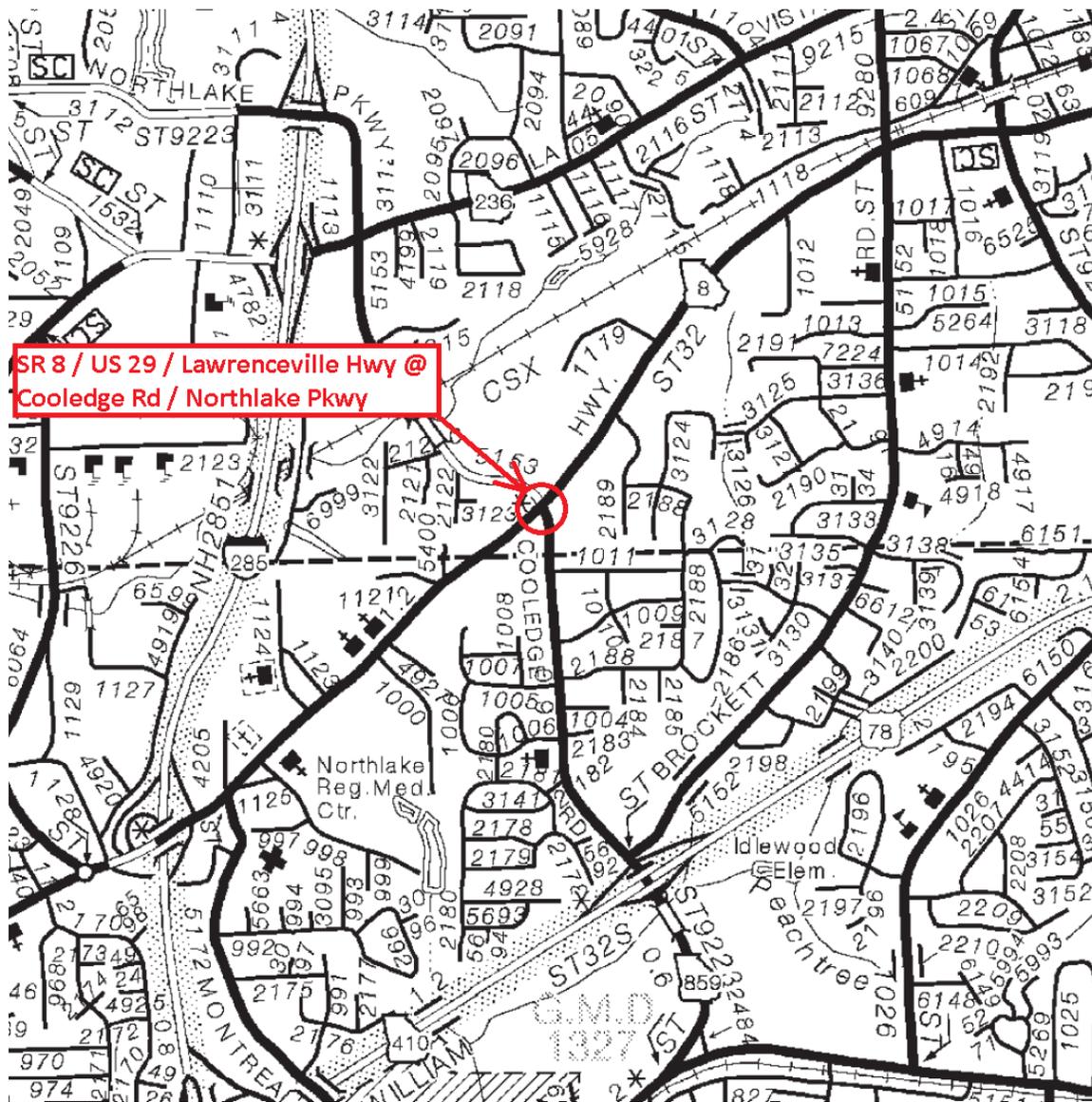
Regional Vicinity Map (Not to Scale)





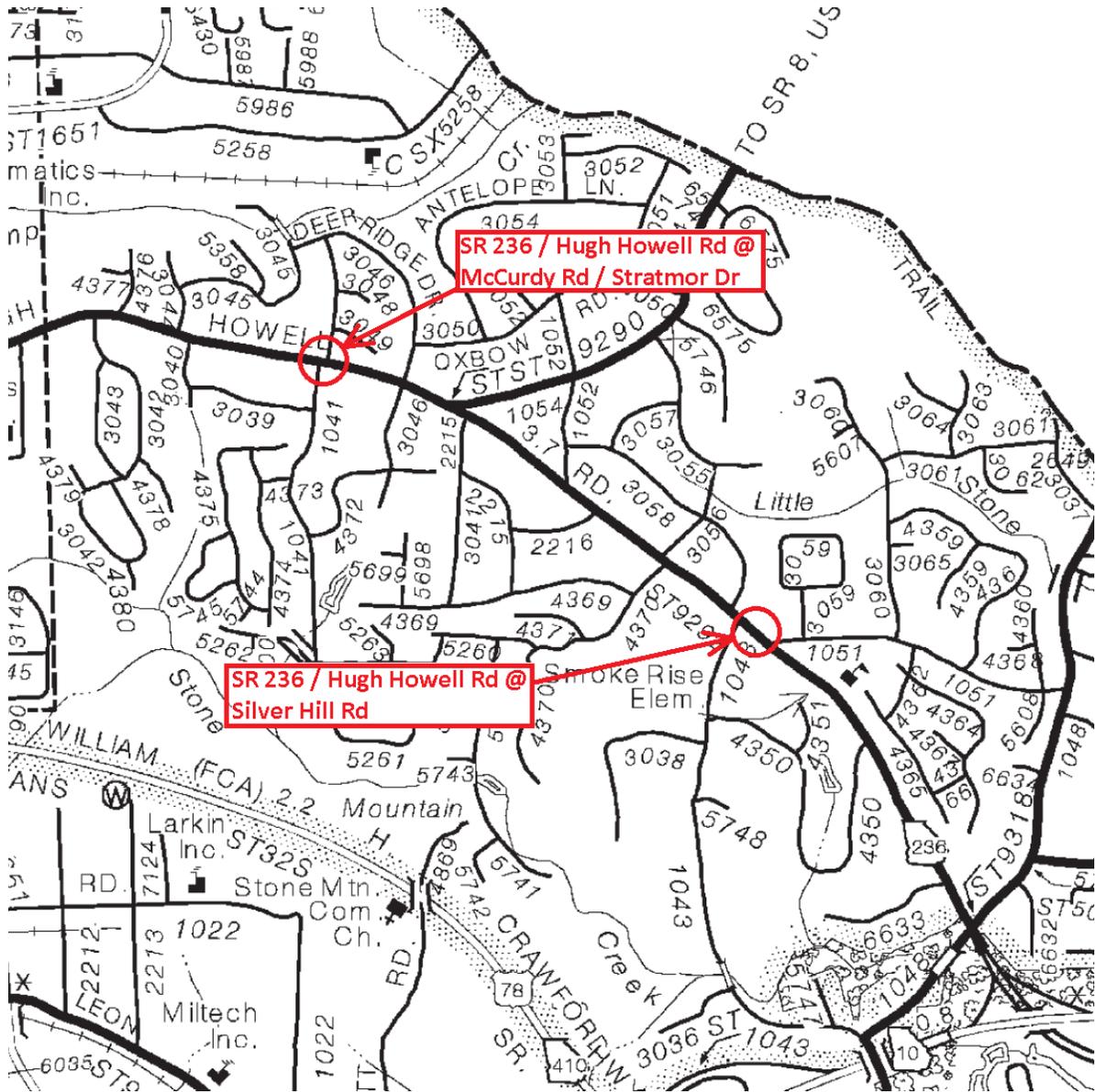
## PROJECT LOCATION

SR 8 / US 29 – DeKalb County (Map Not to Scale)



## PROJECT LOCATION

SR 236 – DeKalb County (Map Not to Scale)





## PLANNING & BACKGROUND DATA

### Project Justification Statement:

There are nine (9) signalized intersections in DeKalb and Gwinnett County in need of improvements to address compliance with current GDOT standards and the Manual on Uniform Traffic Control Devices (MUTCD) and the requirements of the Americans with Disabilities Act (ADA). The proposed project will enhance efficiency for vehicular and pedestrian movements at several locations by providing upgraded traffic signal equipment and pedestrian platforms, energy saving LED signal heads, wheelchair ramps, pedestrian signals, and crosswalk striping.

The intersections listed in the table below, located in DeKalb and Gwinnett County, have been identified by the Office Traffic Operations, through RTOP, as high priority for minor intersection improvements. The table below also shows the reason the District has identified these to be upgraded. The proposed project is to be funded by Congestion Mitigation and Air Quality funds.

County	City	Primary Route	Intersecting Road	Reason for Upgrade
DeKalb	Unincorporated	SR 8/US 29/Scott Blvd	N Decatur Rd/ Medlock Rd	Obsolete Equipment/ADA/ Upgrade to Flashing Yellow Arrow (FYA)
DeKalb	Unincorporated	SR 8/US 29/ Lawrenceville Hwy	DeKalb Industrial Way	Obsolete Equipment/ADA
DeKalb	Unincorporated	SR 8/US 29/ Lawrenceville Hwy	Cooledge Rd/ Northlake Pkwy	Obsolete Equipment/ADA/ Upgrade to FYA
DeKalb	Unincorporated	SR 236/ Hugh Howell Rd	McCurdy Rd/ Stratmor Dr	Obsolete Equipment/ADA/ Upgrade to FYA
Gwinnett	Unincorporated	SR 236/ Hugh Howell Rd	Silver Hill Rd	Obsolete Equipment/ADA/ Upgrade to FYA
Gwinnett	Unincorporated	SR 8/US 29/ Lawrenceville Hwy	Jimmy Carter Blvd/ Mountain Industrial Blvd	Obsolete Equipment/ADA/ Upgrade to FYA
Gwinnett	Lilburn	SR 8/US 29/ Lawrenceville Hwy	Harmony Grove Rd	Obsolete Equipment/ADA/ Upgrade to FYA
Gwinnett	Lilburn	SR 8/US 29/ Lawrenceville Hwy	Greenwood Dr/ Inland Way	Obsolete Equipment/ADA
Gwinnett	Lilburn	SR 8/US 29/ Lawrenceville Hwy	Harbins Rd	Obsolete Equipment/ADA/ Upgrade to FYA

### Existing conditions:

- SR 8/US 29/Scott Blvd at North Decatur Rd/Medlock Rd is a six-lane roadway with 12-foot lanes, left turn lanes, and a right turn lane on southwest Scott Blvd to northbound Medlock Rd. This intersection has six legs with overhead utilities across all legs of the intersection.
- SR 8/US 29/Lawrenceville Hwy at DeKalb Industrial Way is a six-lane roadway with 12-foot lanes and dual-left turn lanes on southwest Lawrenceville Hwy to DeKalb Industrial Way. The north leg of the intersection is a signalized business driveway. Overhead utilities run on both sides of Lawrenceville Highway and cross Lawrenceville Highway at both legs. There is also a gas main running under the center of the intersection from the north side down the center of DeKalb Industrial Way.
- SR 8/US 29/Lawrenceville Hwy at Cooledge Rd/Northlake Pkwy is a four-lane roadway with 12-foot lanes, left turn lanes, and a right turn lane from southwest Lawrenceville Hwy to Northlake Pkwy. There are overhead utilities across the west side of Lawrenceville Hwy and across the south leg of the intersection.

Counties: DeKalb &amp; Gwinnett

- SR 236/Hugh Howell Rd at McCurdy Rd/Stratmor Dr is a two-lane roadway with 12-foot lanes and left turn lanes. McCurdy Rd and Stratmor Dr are offset to the right of each other by approximately 50 feet. There are overhead utilities along the north side of Hugh Howell Rd and overhead lines crossing just west of the intersection.
- SR 236/Hugh Howell Rd at Silver Hill Road is a two-lane roadway with 12-foot lanes and left turn lanes. Both legs of Silver Hill Road are offset to the right about 350-feet from the center of both signalized legs. There is approximately 100 feet of storage for left turns on the eastern leg and approximately 80 feet of storage for left turns on the western leg. There are overhead utilities on both sides of Hugh Howell Road.
- SR 8/US 29/Lawrenceville Hwy at Jimmy Carter Blvd/Mountain Industrial Blvd is a four-lane roadway with 12-foot lanes and left turn lanes. There are overhead utilities across the west and south legs of the intersection.
- SR 8/US 29/Lawrenceville Hwy at Harmony Grove Rd is a four-lane roadway with 12-foot lanes, left turn lanes, and a right turn lane from westbound Lawrenceville Hwy to the businesses on the north side of the intersection. There are overhead utilities across the south side of Lawrenceville Hwy and retaining walls on both eastern quadrants of the intersection.
- SR 8/US 29/Lawrenceville Hwy at Greenwood Dr/Inland Way is a four-lane roadway with 12-foot lanes and left turn lanes. There are overhead utilities across the south side of Lawrenceville Hwy.
- SR 8/US 29/Lawrenceville Hwy at Harbins Rd is a four-lane roadway with 12-foot lanes, left turn lanes, and a right turn lane from eastbound Lawrenceville Hwy to southbound Harbins Rd. There are overhead utilities across the south side of Lawrenceville Hwy. There is a slight offset of about 20 feet to the left for both side streets.

**Other projects in the area:**

- Private development project – Walmart development at Suburban Plaza. Will involve installation of new sidewalks and crosswalks on the corner of North Decatur and Medlock Rd at Scott Blvd.
- Private development project – Mixed-use development at Scott Blvd and North Decatur Rd.
- 0009378 – SR 8 from Westchester Rd to North Decatur Rd. Will add sidewalks and upgrade ADA facilities.
- 0012824 – SR 8 @ 4 locations in DeKalb County – signal upgrade. Locations unknown at this time.
- M004942 – SR 236 from SR 8 to SR 10 – no other information at this time.

**Description of the proposed project:**

The project will upgrade equipment, accommodate pedestrians, and update pedestrian facilities to meet current ADA standards at all project intersections. This will include replacing all pedestrian signal heads with countdown signal heads and replacing ramps as necessary. At all locations within project limits, worn striping will be replaced and high build thermo-plastic striping will be used for all crosswalks and stop bars; type IX retro reflective tape will be added to all signal head back plates; and new loops will be installed for detection.

Black powder coat paint will be used for all new signal equipment installed in DeKalb County and all mast arms installed in Gwinnett County. Only piezo style pedestrian push buttons and double-hole signal cabinet bases will be installed for locations in Gwinnett County. A detailed description of work per intersection is found in the attached meeting minutes.

Counties: DeKalb & Gwinnett

The standard project limits will be 200 feet from the center point of the intersection; should setback loops need replacement, the project limits will be 500 feet from the center point of the intersection. If setback loops are present, the survey should include the edge of pavement and property lines to the setback loop. Standard erosion control details should be used. Traffic studies are not needed for this project. The scope of this project will be limited to equipment upgrades, pedestrian accommodations, and updating pedestrian facilities to meet ADA standards.

**MPO:** Atlanta Regional Commission (ARC)

**TIP #:** DK-424

**TIA Regional Commission:** Not in a TIA Project

**MPO Name Congressional District(s):** 4, 7

**Federal Oversight:**  Exempt     State Funded     Other

**Projected Traffic:** N/A

Current Year (20WW): N/A    Open Year (20XX): N/A    Design Year (20YY): N/A

Traffic Projections Performed by: N/A

**Functional Classification (Mainline):**

- SR 8/US 29 – Urban Principal Arterial
- SR 236 – Urban Principal Arterial

**Complete Streets - Bicycle, Pedestrian, and/or Transit Standards Warrants:**

Warrants met:  None     Bicycle     Pedestrian     Transit

**Pavement Evaluation and Recommendations**

Preliminary Pavement Evaluation Summary Report Required?  No     Yes

Preliminary Pavement Type Selection Report Required?  No     Yes

Feasible Pavement Alternatives:  HMA     PCC     HMA & PCC

## DESIGN AND STRUCTURAL

**Description of Proposed Project:**

**Major Structures:** N/A

**Mainline Design Features:**

SR 8/US 29 – Urban Principal Arterial

Feature	Existing	Standard*	Proposed
Typical Section			
Number of Lanes	Varies: 4-6	N/A	N/A
Lane Width(s)	Varies: 11 ft - 14 ft	N/A	N/A
Sidewalks	Yes and No	N/A	N/A
Posted Speed	Varies: 40 mph – 45 mph		N/A

SR 236 - Urban Principal Arterial

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	2	N/A	N/A
- Lane Width(s)	14	N/A	N/A
- Sidewalks	Yes and No	N/A	N/A
Posted Speed	45 mph; School Zone 25 mph		N/A

Counties: DeKalb & Gwinnett

**Major Interchanges/Intersections:**

- SR 8/US 29/Scott Blvd @ N Decatur Rd/Medlock Rd
- SR 8/US 29/ Lawrenceville Hwy @ DeKalb Ind Way
- SR 8/US 29/ Lawrenceville Hwy @ Cooledge Rd/Northlake Pkwy
- SR 236/ Hugh Howell Rd @ McCurdy Rd/Stratmor Dr
- SR 236/ Hugh Howell Rd @ Silver Hill Rd
- SR 8/US 29/ Lawrenceville Hwy @ Jimmy Carter Blvd/Mountain Ind Blvd
- SR 8/US 29/ Lawrenceville Hwy @ Harmony Grove Rd
- SR 8/US 29/ Lawrenceville Hwy @ Greenwood Dr/Inland Way
- SR 8/US 29/ Lawrenceville Hwy @ Harbins Rd

**Lighting required:**  No  Yes

**Transportation Management Plan [TMP] Required:**  No  Yes  
 If Yes: Project classified as:  Non-Significant  Significant  
 TMP Components Anticipated:  TTC  TO  PI

**Will Context Sensitive Solutions procedures be utilized?**  No  Yes

**Design Exceptions to FHWA/AASHTO controlling criteria anticipated:** None

**Design Variances to GDOT Standard Criteria anticipated:** None

**UTILITY AND PROPERTY**

**Temporary State Route Needed:**  No  Yes  Undetermined

**Railroad Involvement:** None.

**Utility Involvements:** There may be utility impacts due to overhead utility lines. Utility companies are as follows:

- Georgia Power – Electric Distribution
- AT&T – Telecom
- Atlanta Gas Light – Gas
- Comcast – Cable TV
- DeKalb County Public Works – Signal Communications
- Gwinnett County Public Works – Signal Communications
- Gwinnett County Water and Sewer – Water Facilities and/or Sewer Facilities
- DeKalb County Water and Sewer – Water Facilities and/or Sewer Facilities
- Level 3 - Communications
- Tower Cloud - Communications
- City of Norcross Power – Electric Distribution

**SUE Required:**  No  Yes

**Public Interest Determination Policy and Procedure recommended?**  No  Yes

Counties: DeKalb & Gwinnett

**Right-of-Way:** Existing width: Varies 60 ft. – 108 ft. Proposed width: \_\_\_\_\_ ft.  
 Required Right-of-Way anticipated:  No  Yes  Undetermined

Easements anticipated:  None  Temporary  Permanent  Utility  Other

Anticipated total number of impacted parcels: \_\_\_\_\_  
 Displacements anticipated: Businesses: \_\_\_\_\_  
 Residences: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Total Displacements: \_\_\_\_\_

## ENVIRONMENTAL AND PERMITS

**Anticipated Environmental Document:**

GEPA:  NEPA:  CE  PCE

**MS4 Compliance – Is the project located in an MS4 area?**  No  Yes

**Environmental Permits, Variances, Commitments, and Coordination anticipated:** None anticipated.

### Air Quality:

Is the project located in a PM 2.5 Non-attainment area?  No  Yes  
 Is the project located in an Ozone Non-attainment area?  No  Yes  
 Carbon Monoxide hotspot analysis:  Required  Not Required  TBD

**NEPA/GEPA Comments & Information:** Based on the nature of the project, impacts to history, archaeology, ecology, air and noise are expected to be minimal to none.

## COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

**Project Meetings:** Project Kick-Off Meeting 10/28/2014. Meeting minutes attached.

Project Activity	Party Responsible for Performing Task(s)
Concept Development	Atkins
Design	Atkins
Right-of-Way Acquisition	GDOT
Utility Relocation	Utility Owner
Letting to Contract	GDOT
Construction Supervision	GDOT
Providing Material Pits	N/A
Providing Detours	N/A
Environmental Studies, Documents, & Permits	Atkins
Environmental Mitigation	N/A
Construction Inspection & Materials Testing	GDOT

**Other coordination to date:** None.

**Project Cost Estimate and Funding Responsibilities:**

	<b>Breakdown of PE</b>	<b>ROW</b>	<b>Reimbursable Utility</b>	<b>CST*</b>	<b>Environmental Mitigation</b>	<b>Total Cost</b>
Funded By			GDOT			
\$ Amount	\$343,788.90	\$0	\$0	\$1,431,716.07		\$1,775,504.97
Date of Estimate				1/7/2015		

\*CST Cost includes: Construction, Engineering and Inspection, and Contingencies

**ALTERNATIVES DISCUSSION**

<b>No-Build Alternative:</b>			
<b>Estimated Property Impacts:</b>	<b>N/A</b>	<b>Estimated Total Cost:</b>	<b>N/A</b>
<b>Estimated ROW Cost:</b>	<b>N/A</b>	<b>Estimated CST Time:</b>	<b>N/A</b>
<b>Rationale:</b> Does not fulfill the objective of the Project Justification Statement.			

**Comments/Additional Information:** None.

**LIST OF ATTACHMENTS/SUPPORTING DATA**

1. Revisions to Program Costs
2. Cost Estimates
3. Meeting Minutes

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 12814

OFFICE Program Delivery

**PROJECT DESCRIPTION**

SR 8 @ 7 locations and SR 236 @ 2 locations in DeKalb and Gwinnett

DATE January 7, 2015

From: Albert V Shelby, III, State Program Delivery Engineer

To: Lisa L. Myers, State Project Review Engineer

Subject: **REVISIONS TO PROGRAMMED COSTS**

PROJECT MANAGER Azimeye Abu

MGMT LET DATE 12/15/2017

MGMT ROW DATE

**PROGRAMMED COSTS (TPro W/OUT INFLATION)**

**LAST ESTIMATE UPDATE**

CONSTRUCTION \$ 1,289,925.00

DATE 10/1/2014

RIGHT OF WAY \$ 450,000.00

DATE 10/1/2014

UTILITIES \$

DATE

**REVISED COST ESTIMATES**

CONSTRUCTION\* \$ 1,431,716.07

RIGHT OF WAY \$

UTILITIES \$

\*Cost Contains 5 % Contingency

**REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:**

Project Type: Reconstruction/Rehabilitation Risk: Low Project Phase: Concept  
Updated CST cost estimate based on information gathered during field visit and proposed work to intersections.

# CONTINGENCY SUMMARY

<b>A. CONSTRUCTION COST ESTIMATE:</b>	\$	1,298,608.68	Base Estimate From CES
<b>B. ENGINEERING AND INSPECTION (E &amp; I):</b>	\$	64,930.43	Base Estimate (A) x <span style="border: 1px solid black; padding: 2px 5px;">5</span> %
<b>C. CONTINGENCY:</b>	\$	68,176.96	Base Estimate (A) + E & I (B) x <span style="border: 1px solid black; padding: 2px 5px;">5</span> % <a href="#">See % Table in "Risk Based Cost Estimation" Memo</a>
<b>D. TOTAL LIQUID AC ADJUSTMENT:</b>	\$	NA	Total From Liquid AC Spreadsheet
<b>E. CONSTRUCTION TOTAL:</b>	\$	1,431,716.07	(A + B + C + D = E)

## REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
<b>TOTAL</b>	\$ -

**ATTACHMENTS:**

Detailed Cost Estimate Printout From TRAQS

DATE : 01/07/2015  
PAGE : 1

JOB DETAIL ESTIMATE

JOB NUMBER : 0012814                      SPEC YEAR: 01  
DESCRIPTION: SR 8 @ 7 LOCATIONS AND SR 236 @ 2 LOCS IN DEKALB & GWINNETT

ITEMS FOR JOB 0012814

LINE	ITEM	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000	LS	TRAFFIC CONTROL - 0012814	1.000	118055.34	118055.34
0010	163-0232	AC	TEMPORARY GRASSING	1.000	376.17	376.17
0015	163-0240	TN	MULCH	10.000	240.57	2405.76
0020	441-0108	SY	CONC SIDEWALK, 8 IN	900.000	60.08	54075.60
0025	636-1020	SF	HWY SGN,TP1MAT,REFL SH TP3	150.000	13.70	2055.66
0030	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9	580.500	15.39	8935.53
0035	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 1	1.000	95000.00	95000.00
0040	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 2	1.000	95000.00	95000.00
0045	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 3	1.000	95000.00	95000.00
0050	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 4	1.000	95000.00	95000.00
0055	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 5	1.000	95000.00	95000.00
0060	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 6	1.000	95000.00	95000.00
0065	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 7	1.000	95000.00	95000.00
0070	647-1000	LS	TRAF SIGNAL INSTALLATION NO - NO 8	1.000	95000.00	95000.00
0075	652-2501	LM	SOLID TRAF STRIPE, 5 IN, WHITE	1.000	401.59	401.59
0080	652-2502	LM	SOLID TRAF STRIPE, 5 IN, YELLO	1.000	384.25	384.25
0085	652-3501	GLM	SKIP TRAF STRIPE, 5 IN, WHITE	1.000	295.52	295.53
0090	652-5701	LF	SOLID TRAF STRIPE, 24", WHITE	2352.000	1.41	3337.72
0095	652-5801	LF	SOLID TRAF STRIPE, 8 IN, WHITE	4500.000	0.85	3856.55
0100	682-9950	LF	DIRECTIONAL BORE - 3 IN	2500.000	10.00	25000.00
0105	682-9950	LF	DIRECTIONAL BORE - 5 IN	2500.000	15.00	37500.00
0110	700-6910	AC	PERMANENT GRASSING	1.000	383.39	383.39
0115	700-7000	TN	AGRICULTURAL LIME	4.000	96.66	386.65
0120	700-8000	TN	FERTILIZER MIXED GRADE	3.000	396.28	1188.86
0125	700-8100	LB	FERTILIZER NITROGEN CONTENT	200.000	1.52	304.51
0130	713-3011	SY	WOOD FIBER BLANKET, TP I, SHOULDERS	2500.000	0.14	367.23
0135	639-4004	EA	STRAIN POLE, TP IV	26.000	5250.77	136520.05
0140	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	10000.000	5.00	50000.00
0145	639-3014	EA	STEEL STR POLE,TP 4,LUMIN ARM	6.000	15463.04	92778.30
ITEM TOTAL						1298608.68

# Meeting notes

<b>Project:</b>	0012814		
<b>Subject:</b>	Kickoff Meeting		
<b>Date and time:</b>	29 October 2014 – 9:00am	<b>Meeting no:</b>	1
<b>Meeting place:</b>	Field	<b>Minutes by:</b>	Tim Sapp
<b>Present:</b>	Azimeye Abu Mike Govus Shaveka McCarty Edlin Regis Alan Davis Tommy Wright Guy Olmstead Tom Sever Tim Sapp Ashlyn Morgan	<b>Representing:</b>	GDOT GDOT GDOT GDOT GDOT Wilburn Engineering DeKalb Transportation Gwinnett DOT Atkins Atkins

## MINUTES

*For directions of all notes SR 8 is N/S and SR 236 is E/W*

### **General notes for all intersections**

Use high build thermo for all crosswalk and stopbar striping

Replace all worn striping

Replace all pedestrian ramps to meet ADA

Use countdown signal heads at all locations

Install backplates with type IX retroreflective backplate tape

Install loops for detection at all locations

### **General notes for DeKalb County**

Add note to include all signal equipment be black powder coat

Add note to return all signal equipment to DeKalb County

### **SR 8 / Scott Blvd @ N Decatur Rd / Medlock Rd**

Overhead and underground utilities present

No known right-of-way constraints

Add three crosswalks

Determine if mast arms can be used – otherwise install new steel poles

All signal equipment will be black powder coat

Curb and gutter present

Integrate plans for existing Walmart under construction

### NOTE TO RECIPIENTS:

These meeting notes record Atkins understanding of the meeting and intended actions arising therefrom. Your agreement that the notes form a true record of the discussion will be assumed unless adverse comments are received in writing within five days of receipt.

Add Flashing Yellow Arrow (FYA)

Upgrade existing signal cabinet

Move pedestrian equipment from NW corner onto island

Add pedestrian signals and accommodations

Determine if RT slip ramp on NE corner from N Decatur to Scott Blvd can be removed – otherwise rebuild island on NE corner

**SR 8 / Lawrenceville Hwy @ DeKalb Industrial Way**

Overhead and underground utilities present

Find out Georgia Power plans, marker for GP pole on NE corner may be able to joint-use

No known right-of-way constraints

New steel poles

Remove striped right turn islands; extend stopbars

See if pedestrian crossings can be omitted across Scott Blvd

Add pedestrian signals and accommodations across DeKalb Ind Way

**SR 8 / Lawrenceville Hwy @ Cooledge Rd / Northlake Pkwy**

Overhead and underground utilities present – no known utility conflicts

No known right-of-way constraints

Determine if mast arms can be used – otherwise use existing joint use pole on SW corner and add 3 new steel poles

Remove striped right turn islands; extend stopbars

Add FYA

Determine if crosswalk across north leg of Lawrenceville Hwy can be omitted due to safety because of distance from right turning vehicles.

Add pedestrian signals and accommodations

Landing pads in radii for pedestrians

Rebuild raised island to meet clearance and add pedestrian pole

**SR 236 / Hugh Howell Rd @ McCurdy Rd / Stratmor Dr**

Overhead and underground utilities present – no known utility conflicts

No known right-of-way constraints

Add tandem mast arms on SW and NE quadrants

Build raised island over large striped island and install pedestrian equipment

Add FYA

Remove small striped right turn islands and extend curb and gutter move stopbar

Add pedestrian signals and accommodations

Add 4 crosswalks

**SR 236 / Hugh Howell Rd @ Silver Hill Rd (east)**

Overhead and underground utilities present

Potential right-of-way constraints

2 New steel poles on south quadrants of east intersection – use 2 existing joint use poles

Install tandem mast arm on south side of west intersection

Install single sided DSPEC signs

Add FYA

Add crosswalks across south and west legs at east intersection

Add pedestrian signals and accommodations

Install bullnose to hatching on Hugh Howell at both intersections

Hatch out extra lane on south side between east and west intersections

**General notes for Gwinnett County**

Add note to upgrade pedestrian equipment to use piezo pedestrian push buttons and countdown signal heads

Add note to return all pedestrian equipment to Gwinnett County

Add note to use double hole base with battery backup for all signal cabinets

When mast arms used add note that all signal equipment will be black powder coat

**SR 8 / Lawrenceville Hwy @ Jimmy Carter Blvd / Mountain Industrial Blvd**

Overhead and underground utilities present

Potential right-of-way constraints by the Shell station and the title loan shop

Install 4 new concrete poles

Add FYA

Determine if North LT on Mt Ind Blvd needs protected-permitted phasing – RTOP to provide counts

Add 4 crosswalks

No joint use

Add pedestrian signals and accommodations

Install 2 raised islands with pedestrian equipment

Upgrade signal cabinet

**SR 8 / Lawrenceville Hwy @ Harmony Grove Rd**

Overhead and underground utilities present

Potential right-of-way constraints

Determine if 4 mast arms can be used otherwise install 4 new concrete poles (no joint use if possible)

Add FYA

Add 3 crosswalks

