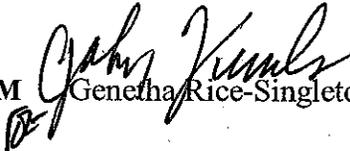


DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 0006899, DeKalb County **OFFICE** Preconstruction  
CSSTP-0006-00(899)  
DeKalb Trails- Rockbridge Road to Mountain Street  
**DATE** March 2, 2009

**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:

Ron Wishon  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Bryant Poole  
Paul Liles  
Mike Lobdell  
Scott Lee  
BOARD MEMBER

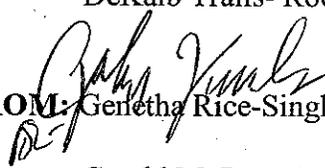
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0006899, DeKalb County  
CSSTP-0006-00(899)  
DeKalb Trails- Rockbridge Road to Mountain Street

**OFFICE:** Preconstruction

**DATE:** February 10, 2009

  
**FROM:** Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO:** Gerald M. Ross, P.E., Chief Engineer

**SUBJECT: PROJECT CONCEPT REPORT**

This project consists of multi-modal corridor improvements along Stone Mountain Lithonia Road from Rockbridge Road to Mountain Street, for a total of 1.60 miles. The DeKalb County Public works Department leads two programs to develop a network of inter-linking bicycle and pedestrian ways throughout the county. One of which is an initiative to construct bicycle lanes and sidewalks along Stone Mountain Lithonia Road. This project is part of a master plan that would link the city of Lithonia with downtown Stone Mountain and provide alternative transportation modes as well as a recreational link between these two cities. In the interim, this project would connect to a future county bike lane project on Rockbridge Road and will provide access to Stone Mountain.

The project will add bike lanes in both directions and 5' sidewalks along the east side of Stone Mountain Lithonia Road between the above project limits. Curb and gutter is proposed on the east side and a rural section on the west side of Stone Mountain Lithonia Road. The project and design will accommodate the applicable accessibility requirements.

Environmental concerns include requiring a Categorical Exclusion be prepared; historic resources (30+) are located along the corridor, including the Stone Mountain Historic District; a Public Information Open House will be held; Time saving procedures are not appropriate.

The estimated costs for this project are:

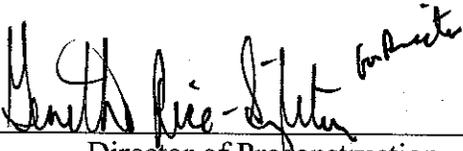
	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$ 2,852,000	\$ 890,000	LY10	2010
Right-of-way & Utilities	Local	Local	Local	Local

\* PMA signed 7-17-07 DeKalb will be responsible for PE, Right-of-Way, utilities, and 20% Construction cost; 100% over \$1,060,400.

P.I. No. 0006899, DeKalb County  
Page 2  
February 10, 2009

I recommend this project concept be approved.

GRS: JDQ  
Attachment

CONCUR  *for subject*  
Director of Preconstruction

APPROVED   
Gerald M. Ross, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

District 7

**PROJECT CONCEPT REPORT**

Project Number: CSSTP-0006-00(899)

County: DeKalb  
P. I. Number: 0006899

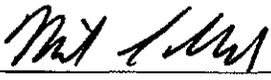
Federal Route Number: N/A  
State Route Number: N/A

**Dekalb Trails – Rockbridge Road to Mountain Street—Phase 1**

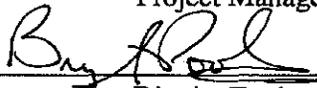
See page 2 for project location map.

Recommendation for approval:

DATE 9/22/08

  
Project Manager

DATE 9/23/08

  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

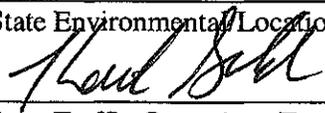
DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE 9-29-08

  
State Traffic Operations Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**District 7**

**PROJECT CONCEPT REPORT**

Project Number: CSSTP-0006-00(899)

County: DeKalb  
P. I. Number: 0006899

Federal Route Number: N/A  
State Route Number: N/A

**Dekalb Trails - Rockbridge Road to Mountain Street—Phase 1**

See page 2 for project location map.

Recommendation for approval:

DATE 9/22/08

*Mat L...*  
Project Manager

DATE 9/23/08

*Bry...*  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

DATE 9/25/08

*Bruce K. Summer*  
State Project Review Engineer

Project Concept Report Page 1  
Project Numbers: CSSTP-0006-00(899)  
P. I. Numbers: 0006899  
County: DeKalb

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

Project Number: CSSTP-0006-00(899)

County: DeKalb  
P. I. Number: 0006899

Federal Route Number: N/A  
State Route Number: N/A

**Dekalb Trails – Rockbridge Road to Mountain Street**

Description: Multi-modal corridor improvements along Stone Mountain Lithonia Road

Recommendation for approval:

DATE \_\_\_\_\_

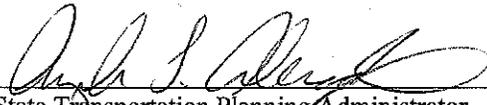
\_\_\_\_\_  
Project Manager

DATE \_\_\_\_\_

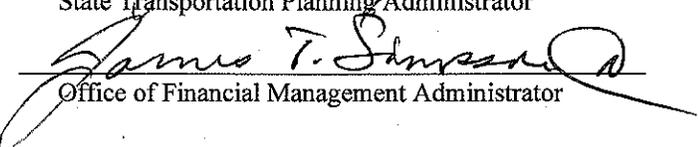
\_\_\_\_\_  
Office Head / District Engineer

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

DATE 7/15/08

  
\_\_\_\_\_  
State Transportation Planning Administrator

DATE 7-25-08

  
\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

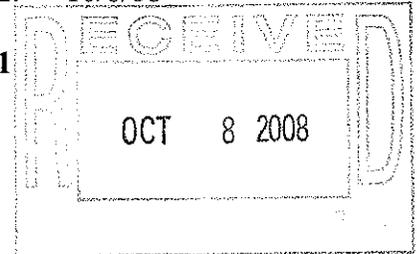
**FILE: P.I. No. 0006899**

**OFFICE: Environment/Location**

**PROJECT No. CSSTP-0006-00(899) / DeKalb County    DATE: 10/6/08**

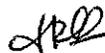
**DeKalb Trails -- Rockbridge Road to Mountain Street -- Phase 1**

**FROM:**   
Glenn Bowman, P.E., State Environmental/Location Engineer  
**TO:** Genetha Rice-Singleton, Assistant Director of Preconstruction  
**SUBJECT: PROJECT CONCEPT REPORT REVIEW**



The Concept Report for the above project has been reviewed and appears satisfactory subject to the following comments:

1. At least thirty (30) historic structures are located along this alignment including the National Register listed Stone Mountain Historic District. Also, the NR eligible CSX RR parallels the alignment to the west, crossing it at one location. If significant impacts to historic (4f) resources cannot be avoided, then the proposed environmental schedule must be revised significantly.
2. With potentially fifty (50) parcels affected by minor right of way needs, public involvement should include at least a PIOH and this should be factored into the project schedule.
3. Page 6 notes that a PAR will be scheduled; however, it is unclear whether a PAR is required for this project.

*PAR IS NOT REQUIRED --- IP NOT REQUIRED --* 

If you have any questions, please contact Glenn Bowman at (404) 699-4401.

GB:lc

cc: Brian Summers  
Angela Whitworth  
Keith Golden  
Angela Alexander  
Bryant Poole

Project Concept Report Page 1  
Project Numbers: CSSTP-0006-00(899)  
P. I. Numbers: 0006899  
County: DeKalb

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

Project Number: CSSTP-0006-00(899)

County: DeKalb  
P. I. Number: 0006899

Federal Route Number: N/A  
State Route Number: N/A

**Dekalb Trails – Rockbridge Road to Mountain Street**  
Description: Multi-modal corridor improvements along Stone Mountain Lithonia Road

Recommendation for approval:

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Manager

DATE \_\_\_\_\_

\_\_\_\_\_  
Office Head / District Engineer

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

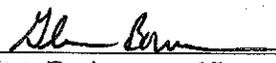
DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE 7/25/08

  
\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**District 7**

**PROJECT CONCEPT REPORT**

Project Number: CSSTP-0006-00(899)

County: DeKalb  
P. I. Number: 0006899

Federal Route Number: N/A  
State Route Number: N/A

**Dekalb Trails – Rockbridge Road to Mountain Street—Phase 1**

See page 2 for project location map.

Recommendation for approval:

DATE 9/22/08

*Pat Smith*  
Project Manager

DATE 9/23/08

*Ben Pool*  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

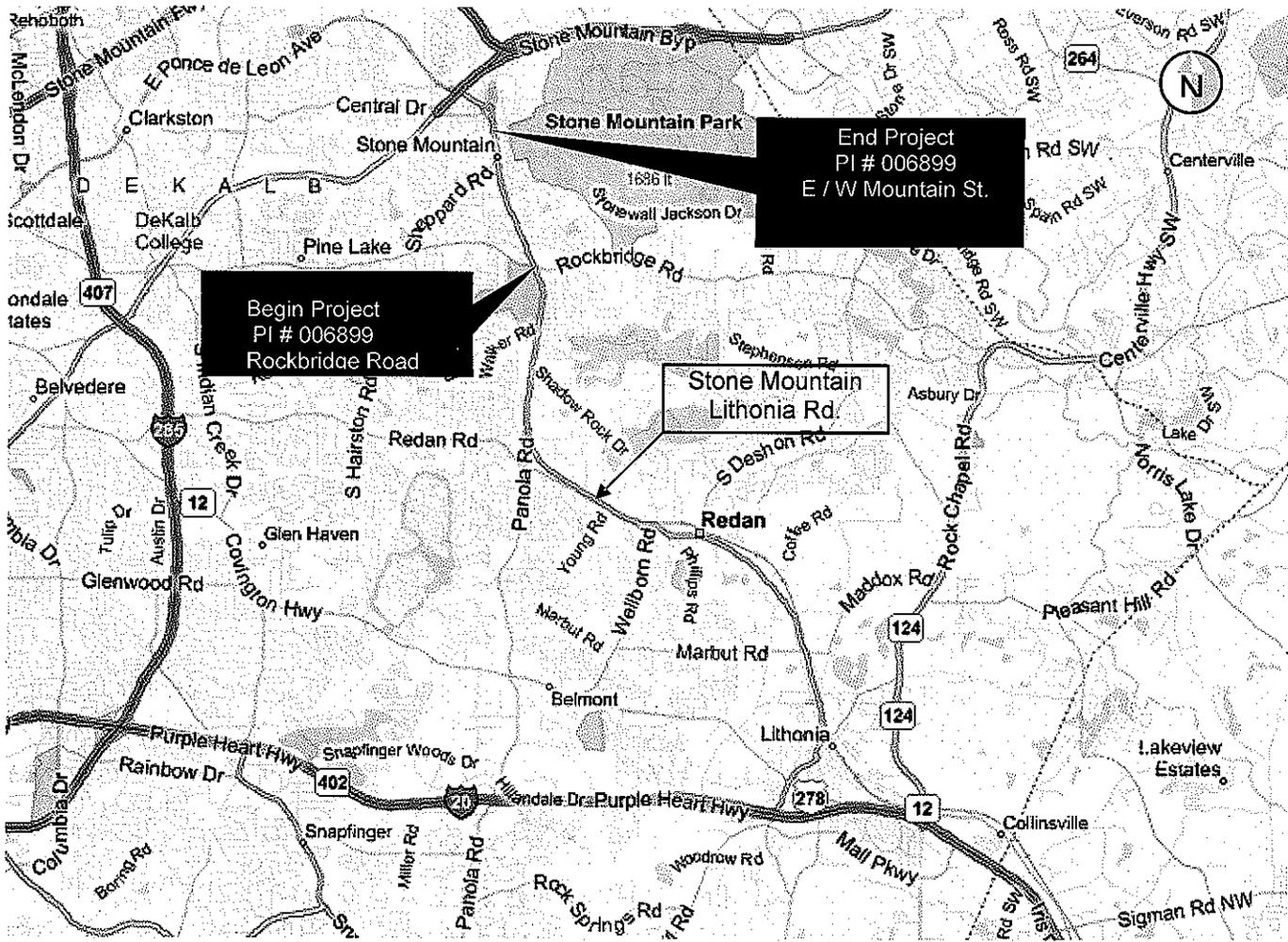
DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Project Review Engineer

### Project Location Map Not to Scale



Project Concept Report Page 3  
Project Number: CSSTP-0006-00(899)  
P. I. Number: 0006899  
County: DeKalb

**Need and Purpose:**

The DeKalb County Public Works Department of Transportation Division leads two programs to develop a network of inter-linking bicycle and pedestrian ways throughout the County. One of which is an initiative to construct bicycle lanes and sidewalks along Stone Mountain Lithonia Road. This project is part of a 3-phase master project that will link the City of Lithonia with downtown Stone Mountain and provide alternative transportation modes as well as a recreational link between these two cities. This project will connect to a future county bike project on Rockbridge Road and will provide access to Stone Mountain Park. Both the bicycle lanes and sidewalk plans are referenced in the DeKalb County Comprehensive Transportation Plan.

**Description of the proposed project:** The phase-1 project area is located in DeKalb County on Stone Mountain Lithonia Road between Rockbridge Road and Mountain Street in Stone Mountain. The project is approximately 1.6 miles long.

The project consists of adding bike lanes in both directions along South Stone Mountain Lithonia Road and 5-foot sidewalk along the eastern side. Curb and gutter is proposed for the eastern side and a rural section is proposed for the western side of South Stone Mountain Lithonia Road. Roadway widening will be symmetrical about existing centerline. This could vary as factors such as utility impacts, right-of-way restrictions, and other geometric restrictions dictate.

It is not the intent of this improvement project to relocate utility facilities because the existing right of way is insufficient.

**Is the project located in a non-attainment area?**  Yes  No.

The project concept is consistent with the model which proposes bike lanes and sidewalks along South Stone Mountain Lithonia Road.

**PDP Classification:** Minor

**Federal Oversight:** Full Oversight ( ), Exempt (X), State Funded ( ), Other ( )

**Functional Classification:** Urban Local Street

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

**Traffic (AADT):** (2007)  18,625 vpd

**Existing design features:**

- Typical Sections:
  - From Carriage Walk Way to Mountain Street are two 11- to 16-foot-wide travel lanes (one in each direction) and a paved shoulder. Curb and gutter and sidewalk is present on most of the section on the eastern side of the roadway. Curb and gutter is present on much of the railroad side (west side) of the roadway.
  - From Rockbridge Road to Carriage Walk Way are four 12-foot-wide travel lanes (two in each direction) and curb and gutter.

Project Concept Report Page 4  
Project Number: CSSTP-0006-00(899)  
P. I. Number: 0006899  
County: DeKalb

- Posted speed: 35 mph
- Minimum Radius for Curve: N/A
- Minimum Superelevation Rate for Curve: N/A
- Maximum grade: N/A
- Width of right of way: 40 - 60 ft
- Major structures: None
- Major interchanges or intersections along the project: South Stone Mountain Lithonia Road @ Rockbridge Road, Main St. @ Poole St. / Mimosa Dr., Main St. @ Manor Dr., Main St. @ E / W Mountain St.
- Existing length of roadway segment:
  - Mainline: 1.56 miles
  - Side Street: 0.0 miles

**Proposed Design Features:**

- Proposed typical sections:
  - From Carriage Walkway to Mountain Street, 4.5-foot bike lanes in both directions, 24-inch curb and gutter and 5-foot sidewalk with a 2-foot stamped concrete strip on the east side of Stone Mountain Lithonia Road and a 10-foot rural shoulder on the west side
  - From Rockbridge Road to Carriage Way, 4.5-foot bike lanes in both directions, 24-inch curb and gutter in both directions and 5-foot sidewalk with a 2-foot stamped concrete strip on the east side of Stone Mountain Lithonia Road.
- Proposed Design Speed Mainline: 35 mph
- Proposed Minimum Superelevation:
- Proposed Maximum Grade Mainline: N/A      Maximum Grade Allowable: 9.00%
- Proposed Maximum Grade Side Street: N/A      Maximum Grade Allowable: 9.00%
- Proposed Maximum Grade Driveway: 16% in Fill, 25% in cut (w/10-foot vertical curve)
- Proposed Minimum Radius: 500 feet (35 mph)

Project Concept Report Page 5  
 Project Number: CSSTP-0006-00(899)  
 P. I. Number: 0006899  
 County: DeKalb

- Right of Way
  - Width: Varies 50 feet to 60 feet
  - Easements: Temporary ( ), Permanent (X), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of parcels: 50                      Number of displacements:
    - Business: 0
    - Residences: 0
    - Mobile homes: 0
    - Other: 0

- Structures:
  - Bridges: None
  - Retaining walls: Various locations, all less than 10 feet tall
- Major interchanges or intersections along the project: South Stone Mountain Lithonia Road @ Rockbridge Road, Main St. @ Poole St. / Mimosa Dr., Main St. @ Manor Dr., Main St. @ E / W Mountain Street
- Traffic control during construction: Traffic will be maintained at all times during construction.
- Design exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	(X)	()
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

The design exceptions as listed above are due to the fact that, other than lateral shifts in the roadway, the existing roadway vertical, horizontal, and cross slope geometrics will be maintained. The focus of this project is shoulder widening for bike lanes and the addition of sidewalk, rather than updating the roadway and its intersections to meet current design standards.

- Design exception: Intersection angle less than 60 degrees at South Stone Mountain Lithonia Road and Rockbridge Road.

Project Concept Report Page 6  
Project Number: CSSTP-0006-00(899)  
P. I. Number: 0006899  
County: DeKalb

- **Design Variances:** (1) A variance is required for 11-foot-wide travel lanes and turn lanes because the existing cross-section widths (travel lanes and turn lanes) will be retained on Stone Mountain Lithonia Road throughout the project. The less than desirable width is somewhat mitigated by installing 4.5-foot bike lanes adjacent to the outside travel lanes. In select locations, existing left-turn lanes are being reduced in width from 14 feet to 12 feet or from 12 feet to 11 feet to minimize right-of-way acquisition and residential impact. (2) A variance is required for the construction of curb and gutter without the construction of a sidewalk along the west side of the roadway.
  
- **Environmental concerns:** Underground storage tanks, potentially historical sites, and registered historical sites
  
- **Level of environmental analysis:**
  - Are Time Savings Procedures appropriate? Yes ( ), No (X)
  - Categorical Exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ) or
  - Environmental Impact Statement (EIS) ( )
  
- **Utility involvements:** The following have possible utilities located within the project limits:
  - Atlanta Gas Light Company
  - AT&T
  - Georgia Power
  - Georgia Transmission
  - DeKalb County Public Works Water and Sewer Division
  - CSX Railroad
  - (Others to be determined)

**VE Study Required:** Yes ( ) No (X)

**Project responsibilities:**

- Design: DeKalb County
- Right of Way Acquisition: DeKalb County
- Relocation of Utilities: DeKalb County
- Letting to contract: DeKalb County
- Supervision of construction: DeKalb County
- Providing material pits: N/A
- Providing detours: N/A

**Coordination:**

- Concept meeting date: April 1, 2008
- PAR meetings, dates and results: N/A
- FEMA, USCG, and/or TVA: N/A
- Public involvement: To be scheduled
- Local government comments: None to date
- Other projects in the area: None
- Other coordination to date: None to date

Project Concept Report Page 7  
Project Number: CSSTP-0006-00(899)  
P. I. Number: 0006899  
County: DeKalb

- Railroads: CSX Railroad representatives will need to be involved in the design process due to linear encroachment, railroad crossings, and right of way that appears to be shared between Stone Mountain Lithonia Road and the CSXRR. Encroachment due to roadway improvements will need to be approved by CSXRR representatives.

**Scheduling - Responsible Parties' Estimate**

- Time to complete the environmental process: <sup>12-18</sup> ~~9~~ <sup>APR</sup> Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right-of-way plans: 3 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 18 Months.
- Time to complete to purchase right of way: 18 Months.
- List other major items that will affect the project schedule: N/A.

**Other alternates considered:**

1. No build.

**Comments:** None

**Attachments:**

1. Cost Estimates:
2. Typical sections
3. Concept Team Meeting Minutes
4. Location and Design Notice

## PRELIMINARY COST ESTIMATE

**PROJECT:** PROJECT: DeKalb Trails - Lithonia to Stone Mountain    **COUNTY:** DeKalb  
 PI 0006899  
 Stone Mountain Lithonia Rd: Rockbridge Rd. to Mountain St.

**DATE:** May 14, 2008

PREPARED BY: ARCADIS  
 PROJECT LENGTH: 1.56 mi mainline, 0.07 mi side road

**ESTIMATED LETTING DATE:**

PROGRAMMING PROCESS     CONCEPT DEVELOPMENT     DURING PROJECT

PROJECT COST		
<b>A. RIGHT-OF-WAY:</b>		
1. PROPERTY (LAND & EASEMENT)		<b>\$268,580</b>
2. DISPLACEMENTS; RES: 0 @ \$150,000/ea, BUS: 0, M.H.: 0		<b>\$0</b>
3. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)		<b>\$71,168</b>
	SUBTOTAL: A	<b>\$339,728</b>
<b>B. REIMBURSABLE UTILITIES:</b>		
1. TRANSMISSION LINES		<b>\$0</b>
2. DISTRIBUTION LINES (\$50,000 / mile - one side of road)		<b>\$81,496</b>
3. OTHER UTILITIES (36 minor structures @ \$5,000 / structure)		<b>\$180,000</b>
4. SERVICES		<b>\$26,150</b>
	SUBTOTAL: B	<b>\$287,646</b>
<b>C. CONSTRUCTION:</b>		
<b>1. MAJOR STRUCTURES:</b>		
a. RETAINING WALLS                      \$50/sf		<b>\$45,000</b>
b. BRIDGES                                      \$110/sf		<b>\$0</b>
c. DETOUR BRIDGES                          \$75/sf		<b>\$0</b>
d. BOX CULVERTS                              \$420/lf		<b>\$0</b>
	SUBTOTAL: C-1	<b>\$45,000</b>
<b>2. GRADING AND DRAINAGE:</b>		
a. EARTHWORK    Grading Complete, Estimate		<b>\$355,867</b>
<b>b. DRAINAGE</b>		
1) Cross Drain Pipe    \$2500 per pipe @ 1 pipe/1000 lf of roadway		<b>\$21,515</b>
2) Curb and Gutter                          \$19 / lf		<b>\$170,145</b>
2) Longitudinal System                      \$105,000 / mi		<b>\$171,142</b>
	SUBTOTAL: C-2	<b>\$718,689</b>

# Summary of Costs

Project P.I. No.0006899

<b>Subtotal Construction Cost</b>	<b>2,452,890.00</b>
• Engineering & Inspection 5%	\$122,644.50
• Construction Contingency 3%	\$77,266.04
• Total Fuel Adjustment	\$39,487.41
• Total Liquid AC Adjustment	<u>\$159,508.25</u>
<b>Total Construction Cost</b>	<b>\$2,851,796.10</b>
• Right-of-Way-- LOCAL	\$339,728.00
• Reimbursable Utilities-- LOCAL	<u>\$287,646.00</u>
<b>Total Project Cost</b>	<b>\$3,479,170.10</b>

<b>3. BASE AND PAVING:</b>	
a. 12" GR AGGR BASE CRS - \$21 / SY	\$123,359
b. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, 4" depth (\$95/ton)	\$91,628
2. Superpave Intermed Course - 19mm, 2" depth (\$95 / ton)	\$45,814
3. Superpave Surface Course - 12.5mm, 1.5" depth (\$95 / ton)	\$307,860
4. Recycled asphalt leveling and patching - (\$95 / ton)	\$100,054
5. Class "B" concrete widening 4' or less (\$160 / cy)	\$39,736
c. MILL EXISTING PAVEMENT - \$1.5 / SY	\$48,609
d. BITUM TACK COAT - \$1.20 / GL	\$5,656
e. CONCRETE SIDEWALK - \$32 / sy	\$117,607
f. CONCRETE ISLANDS - \$31 / sy	\$0
g. Concrete Curb & Gutter, 6"x24", TP 2	\$257,009
	SUBTOTAL: C-3.b
	\$1,137,333
	SUBTOTAL: C-3
	\$1,901,002
<b>4. EROSION AND LUMP ITEMS:</b>	
a. TRAFFIC CONTROL - L.S.	\$177,839
b. CLEARING AND GRUBBING - \$8000/ac	\$10,122
c. GRASSING - \$15,000/mi	\$24,449
d. EROSION CONTROL - \$45,000/mi	\$73,347
e. DETOURS - \$400,000/mi	\$0
	SUBTOTAL: C-4
	\$285,851
<b>5. MISCELLANEOUS:</b>	
a. SIGNING & STRIPING \$70,000/mi	\$114,095
b. LIGHTING	\$0
c. GUARDRAIL \$21 / lf	\$10,500
d. MEDIAN BARRIER - \$37 / lf	\$0
	SUBTOTAL: C-5
	\$124,595
<b>6. SIGNAL MODIFICATION</b>	
a. TRAFFIC SIGNAL INSTALLATION - 1 signals @ \$70,000/signal	\$70,000
b. FIBER OPTIC - \$150,000/mi	\$0
	SUBTOTAL: C-6
	\$70,000

<b>ESTIMATE SUMMARY</b>		
<b>A. RIGHT-OF-WAY:</b>		<b>\$339,728</b>
<b>B. REIMBURSABLE UTILITIES:</b>		<b>\$287,646</b>
<b>C. CONSTRUCTION:</b>		
1. MAJOR STRUCTURES	<b>\$45,000</b>	
2. GRADING AND DRAINAGE	<b>\$718,669</b>	
3. BASE AND PAVING	<b>\$1,737,333</b>	
4. EROSION AND LUMP ITEMS	<b>\$285,851</b>	
5. MISCELLANEOUS	<b>\$124,595</b>	
6. SIGNAL MODIFICATION	<b>\$70,000</b>	
<b>SUBTOTAL CONSTRUCTION COST</b>	<b>\$2,381,447</b>	

P.I. Number \*0006899

County Dekalb

Date 2/3/2009

Project Number CSSTP-0006-00(899)

**Special Provision, Section 109-Measurement and Payment  
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2.732
ENTER FPM DIESEL	6.147

ENTER FPL UNLEADED	1.729
ENTER FPM UNLEADED	3.89025

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

<b>INCREASE ADJUSTMENT</b>
125.00%

<b>INCREASE ADJUSTMENT</b>
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0.29		0.15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)	3877.000	0.29	1124.33	0.24	930.48	
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	3241.000	2.90	9398.90	0.71	2301.11	
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class ___ Concrete (CY) Section 500				8.00		1.50		
Class ___ Concrete (CY) Section 500				8.00		1.50		
Class ___ Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class ___ (CY) Section 500				8.00		1.50		
Superstru Con Class ___ (CY) Section 500				8.00		1.50		
Superstru Con Class ___ (CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
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Stru Steel Plan Quantity (LB) Section 501				8.00		1.50	
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50	
PSC Beams____ (LF) Section 507				8.00		1.50	
PSC Beams____ (LF) Section 507				8.00		1.50	
PSC Beams____ (LF) Section 507				8.00		1.50	
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50	
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50	
Bar Reinf Steel (LB) Section 511				8.00		1.50	
Piling____ inch (LF) Section 520				8.00		1.50	
Piling____ inch (LF) Section 520				8.00		1.50	
Piling____ inch (LF) Section 520				8.00		1.50	
Piling____ inch (LF) Section 520				8.00		1.50	
Piling____ inch (LF) Section 520				8.00		1.50	
Piling____ inch (LF) Section 520				8.00		1.50	
Drilled Caisson,____ (LF) Section 524				8.00		1.50	
Drilled Caisson,____ (LF) Section 524				8.00		1.50	
Drilled Caisson,____ (LF) Section 524				8.00		1.50	
Pile Encasement,____ (LF) Section 547				8.00		1.50	
Pile Encasement,____ (LF) Section 547				8.00		1.50	
<b>SUM QF DIESEL=</b>		<b>10523.23</b>		<b>SUM QF UNLEADED=</b>		<b>3231.59</b>	
<b>DIESEL PRICE ADJUSTMENT(\$)</b>				<b>\$33,061.88</b>			
<b>UNLEADED PRICE ADJUSTMENT(\$)</b>				<b>\$6,425.53</b>			



## ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

**125.00% INCREASE ADJUSTMENT**

Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT =		<input style="width: 100%;" type="text"/>
REMARKS:		

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)
TMT =		<input style="width: 100%;" type="text"/>
REMARKS:		

**MONTHLY PRICE ADJUSTMENT(\$)**

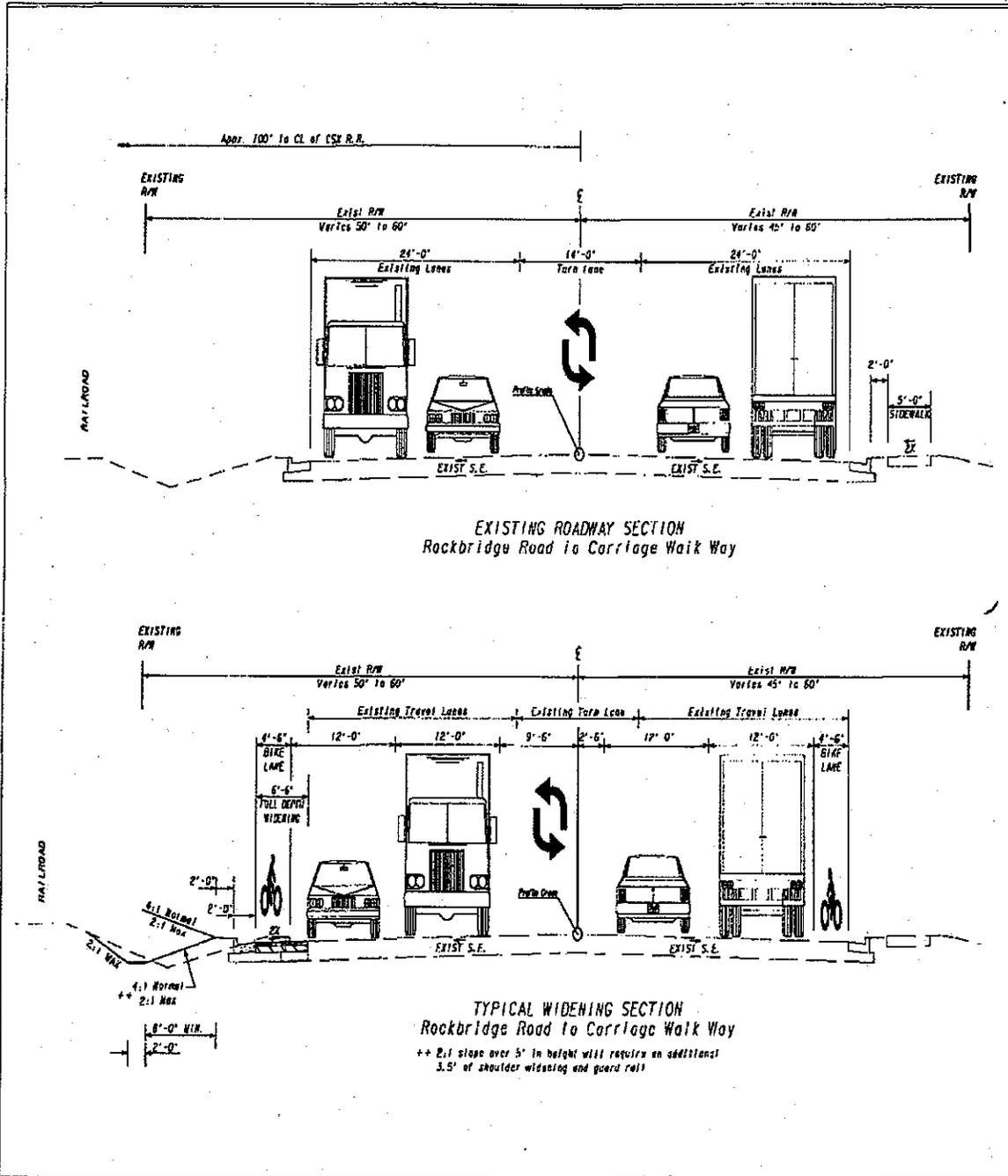
### ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$33,061.88</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$6,425.53</u>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<u>\$12,680.09</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<u>\$146,828.16</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:	
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**TOTAL ADJUSTMENTS \$198,995.67**

# Typical Sections Not to Scale





## ARCADIS

to Mountain Street. Tyler indicated that due to funding, that Phase 3 will be constructed as part of this PI number.

2. Scott Lee suggested that since there is not enough funding for the entire project, that the concept report be revised. Remove the phasing and prepare the report for the segment from Rockbridge Road to Mountain Street. However, still indicate that the project is part of a bigger project to add bike lanes from Lithonia to Stone Mountain.
3. After the presentation, Scott Lee went through the concept report. The following changes will be made:
  - a. On the cover sheet, change Regional Transportation Program to Regional Transportation Plan.
  - b. Verify PI number on the cover sheet.
  - c. Remove phasing from the location map.
  - d. Revise Need and Purpose, Project Description and Design elements though out the report to reflect Improvements from Rockbridge Road to Mountain Street.
  - e. Revise typical to 6.5' paved shoulder for rural section to accommodate the bike lane.

NOTICE OF LOCATION DESIGN APPROVAL

CSSTP-0006-00(899), DEKALB COUNTY  
P. I. No. 0006899

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 Design Approval: MARCH 2, 2009

The project is located in land lots 36, 37, 74, 89; 18th land district; 4<sup>th</sup> congressional district of DeKalb County along South Stone Mountain Lithonia Road from Rockbridge Road to Mountain Street.

The project consists of adding bike lanes in both directions along South Stone Mountain Lithonia Road and 5' sidewalk along the eastern side. Curb and gutter will be proposed on the eastern side and a rural section on the western side of South Stone Mountain Lithonia Road. Roadway widening will be symmetrical about existing centerline.

Drawings of maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Thomas C. Parker, Area Engineer  
Georgia Department of Transportation  
805 George Luther Drive  
Decatur, Georgia 30032  
E-mail: tparker@dot.ga.gov  
Phone: (404) 299-4386

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Michael Lobdell, P.E., Preconstruction Engineer  
Georgia Department of Transportation  
District 7  
5025 New Peachtree Road  
Chamblee, Georgia 30341  
E-mail: mlobdell@dot.ga.gov  
Phone: (770) 986-1258

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.