

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006884, DeKalb County **OFFICE** Preconstruction
 CSSTP-0006-00(884)
 Sidewalks along 18 Corridors-Phase 1 **DATE** April 4, 2005

FROM *C. John Kunkel*
 Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

- David Mulling
- Harvey Keepler
- Ken Thompson
- Jamie Simpson
- Michael Henry
- Keith Golden
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Mike Thomas
- BOARD MEMBER

David Studstill
Page 2

P.I. No. 0006884 / DeKalb
March 31, 2005

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.

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)	\$4,679,000	\$3,610,000	Q23	2007
Right-of-Way & Utilities*	Local	Local		

*PMA to be sent

I recommend this project concept be approved.

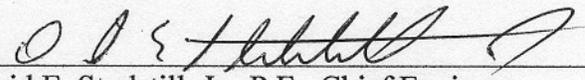
MBP:JDQ/cj

Attachment

CONCUR


Buddy Gratton, P.E., Director of Preconstruction

APPROVE


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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

Sidewalks Along Eighteen (18) Corridors: Phase 1

Briarcliff Road from N. Druid Hills to Henderson Mill Road

South Hairston Road from Wesley Chapel Road to Rockbridge Road

Johnson Ferry Road from Dekalb County Line to Ashford Dunwoody Road

Rainbow Drive from Candler Road to Columbia Drive

Rays Road from Memorial Drive to E. Ponce De Leon

Project Number: CSSTP-0006-00(884)

County: Dekalb

P. I. Number: 0006884

Federal Route Number: N/A

State Route Number: N/A

PROJECT LOCATION MAPS: See Pages 2-6

Recommendation for approval:

DATE 4/5/05

Neil A. Mc...
Project Manager

DATE 4/5/05

Buy Hoole
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/or the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

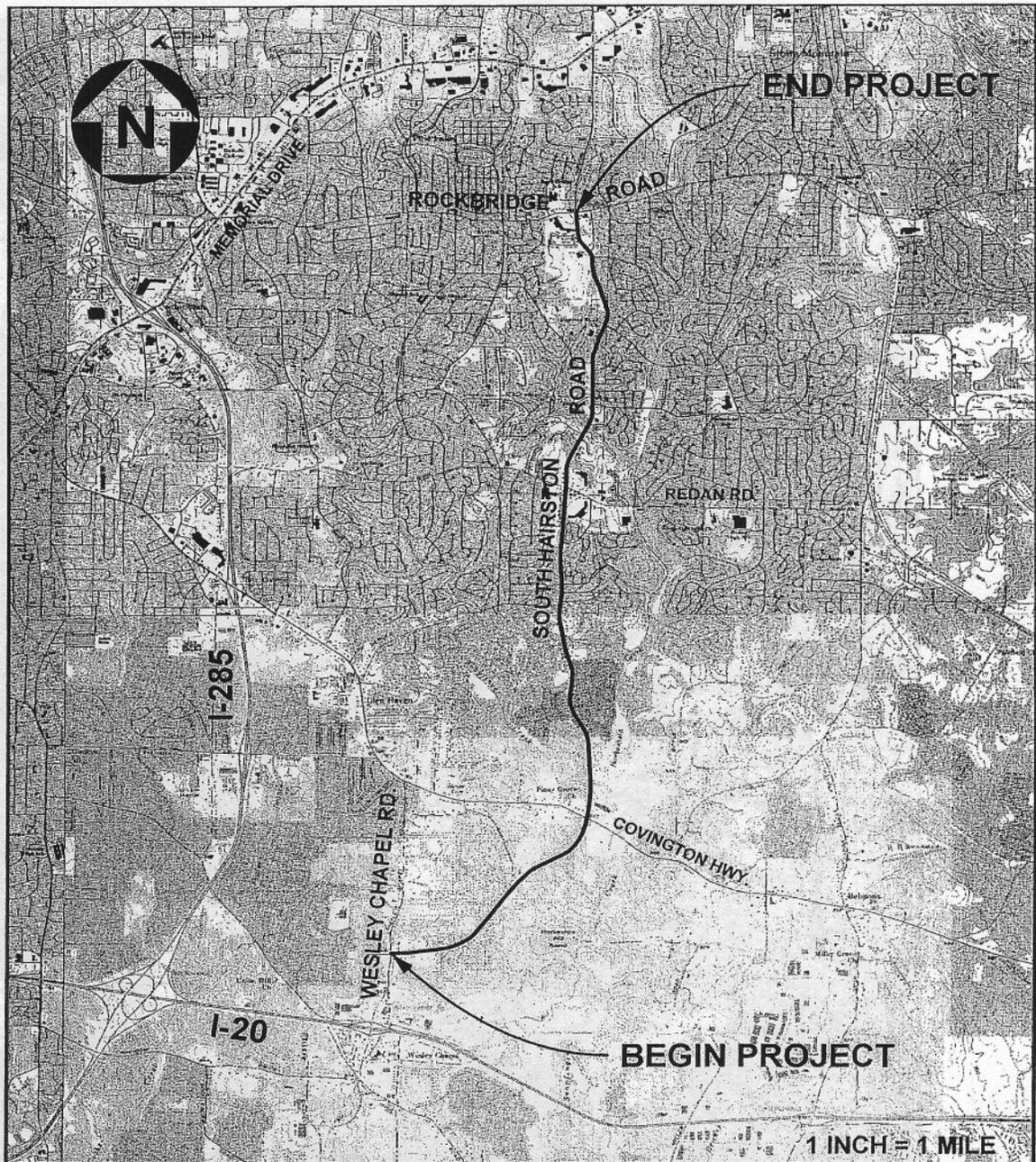
DATE _____

State Traffic Safety and Design Engineer

DATE _____

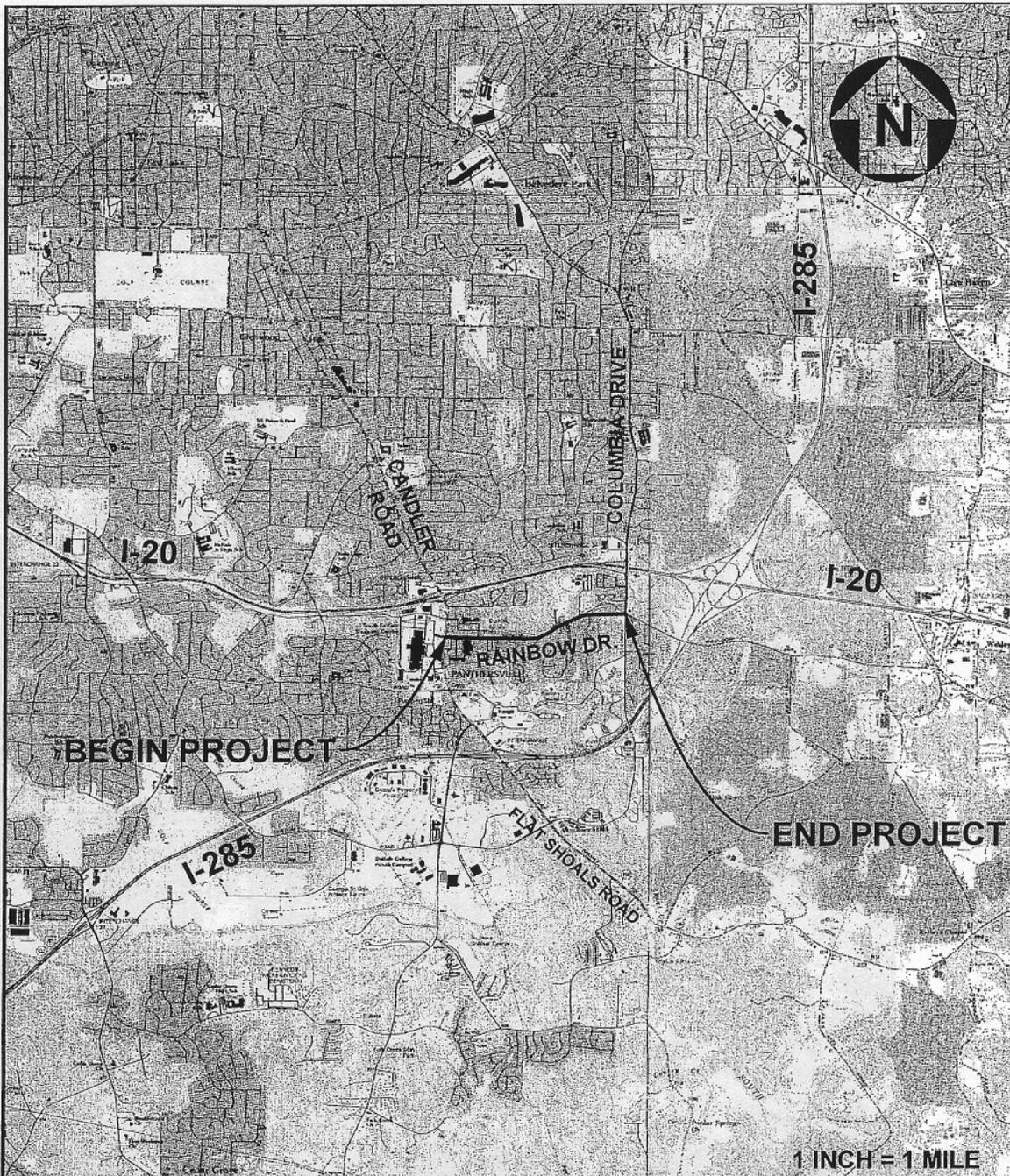
Project Review Engineer

PROJECT LOCATION MAP



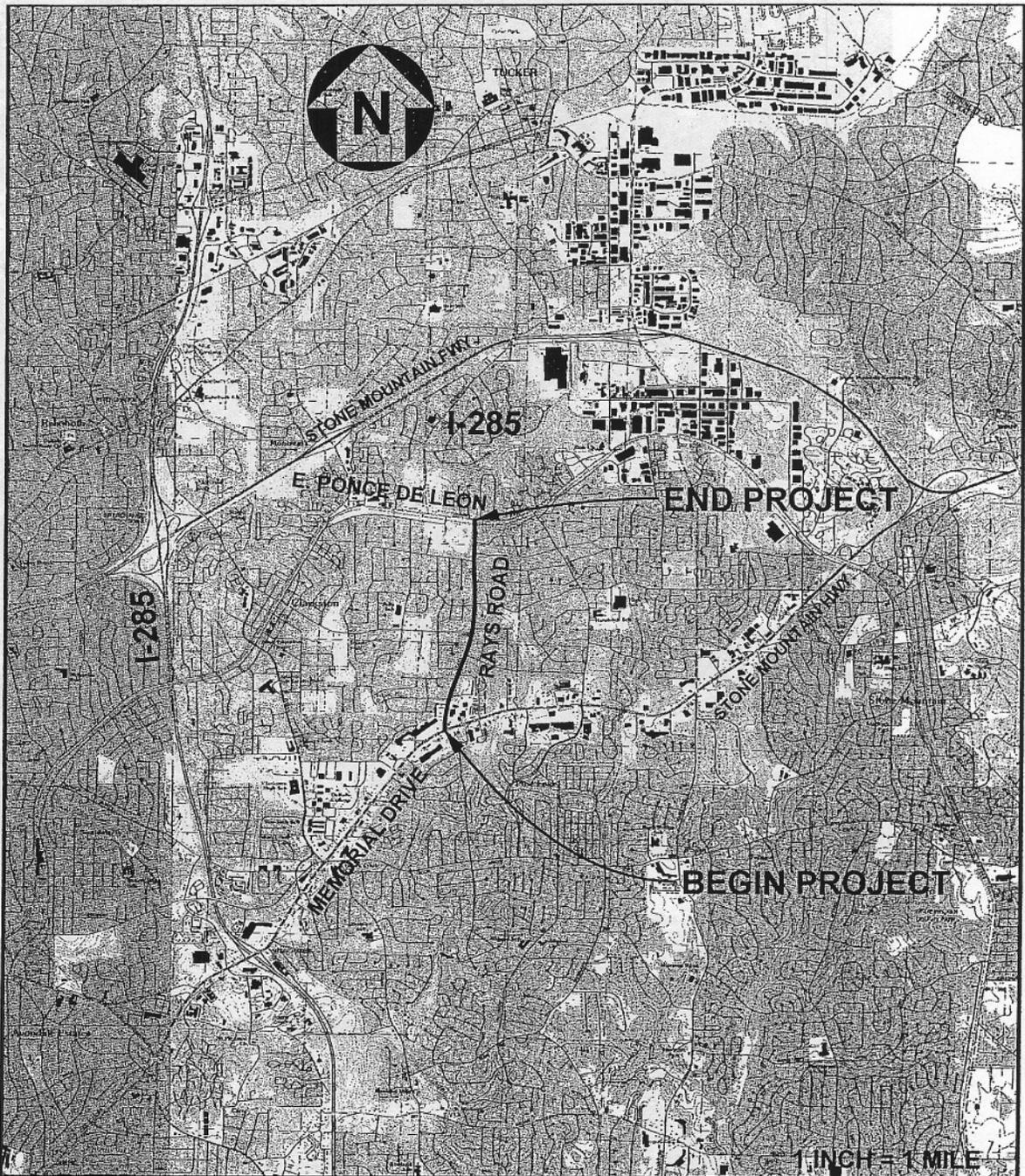
S. Hairston Rd. from Wesley Chapel Rd. to Rockbridge Rd.
Project No.: STP-0002-00-867, Dekalb County
P.I. No.: 0002867
Sidewalk Improvements

PROJECT LOCATION MAP



Rainbow Drive from Candler Road to Columbia Drive
Project No.: STP-0002-00-867, Dekalb County
P.I. No.: 0002867
Sidewalk Improvements

PROJECT LOCATION MAP



Rays Road from Memorial Drive to E. Ponce De Leon
Project No.: STP-0002-00-867, DeKalb County
P.I. No.: 0002867
Sidewalk Improvements

NEED AND PURPOSE
PROJECT CSSTP-0006-00(884) DEKALB COUNTY
P. I. NO. 0006884
Sidewalks Along Eighteen (18) Corridors: Phase I

The proposed project would construct sidewalks and ADA compliant wheelchair ramps adjacent to the following roadways: Briarcliff Road from North Druid Hills to Henderson Mill Road, South Hairston Road from Wesley Chapel Road to Rockbridge Road, Johnson Ferry Road from Dekalb County Line to Ashford Dunwoody Road, Rainbow Drive from Candler Road to Columbia Drive, and Rays Road from Memorial Drive to E. Ponce De Leon. The land use along these roads is primarily residential with a mixture of commercial development, schools and churches. Currently these corridors are lacking sidewalk connectivity, uniformity, and ADA access as well as adequate crosswalks. Therefore the need for this project is to provide safer pedestrian mobility and to provide a continuous ADA path for all pedestrians. These corridors contain residences, churches, schools and commercial development as well as being MARTA bus routes; therefore these corridors need pedestrian safety improvements to accommodate all pedestrians. The sidewalks would create connectivity to the mixed-use development and the proposed improvements do meet TIP/RTP.

Description of the proposed project:

This project proposes to construct sidewalks along Briarcliff Road from N. Druid Hills Road to Henderson Mill Road, South Hairston Road from Wesley Chapel Road to Rockbridge Road, Johnson Ferry Road from Dekalb County line to Ashford Dunwoody Road, Rainbow Drive from Candler Road to Columbia Drive, and Rays Road from Memorial Drive to E. Ponce De Leon in Dekalb County.

The proposed sidewalks will be constructed to provide an ADA accessible path along each section of roadway listed above. Curb and gutter and drainage improvements will also be constructed on the same side of the road as the sidewalks. The length of proposed project along Briarcliff Road is 5.3 miles, along South Hairston Road is 5.6 miles, along Johnson Ferry Road is 1.4 miles, along Rainbow Drive is 1.1 miles, and along Rays Road is 1.3 miles for a total length of approximately 13.9 miles.

Is the project located in a Non-attainment area? Yes No

PDP Classification: Major Minor

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

Functional Classification: Minor Arterial Street – Briarcliff Road
Principal Arterial – South Hairston Road
Collector Street – Johnson Ferry Road
Collector Street – Rainbow Drive
Collector Street – Rays Road

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

State Route Number(s): N/A

Existing design features:

• **Typical Section:**

1. Briarcliff Road - The existing roadway has two 12-foot travel lanes and five-foot grassed shoulders on the south side and four-foot wide sidewalk on the north side with the exception of an approximate 4000 feet gap. The shoulders vary between a rural section and an urban section with curb and gutter or granite header curb.
2. South Hairston Road - The existing roadway has four 12-foot travel lanes with a twenty-foot raised median and ten-foot wide urban shoulders including a five-foot wide sidewalk on the east side for approximately 3 miles with an approximate 2.3 mile gap on the east side.
3. Johnson Ferry Road - The existing roadway has two 12-foot travel lanes and five-foot grassed shoulders with five-foot wide sidewalk for approximately 1500 feet.

The shoulders vary between a rural section and an urban section with curb and gutter or roll curb. The bridge over Nancy Creek has sidewalk on the north side only.

4. Rainbow Drive - The existing roadway has two 12-foot travel lanes with five-foot grassed shoulders and does not have any existing sidewalk from Candler Rd. to Columbia Dr. The section from Columbia Rd. to Wesley Chapel has four-foot wide sidewalk on the north side from Columbia Dr. to Wesley Chapel Rd. The shoulders vary between a rural section and an urban section with curb and gutter or header curb

5. Rays Road - The existing roadway has two 12-foot travel lanes with five-foot grassed shoulders on the north side and has approximately 2400 feet of four-foot wide sidewalk on the south side. The shoulders vary between a rural section and an urban section with curb and gutter or header curb.

- **Posted speed:** 35 mph – Briarcliff Road
40 mph – South Hairston Road
35 mph – Johnson Ferry Road
40 mph – Rainbow Drive
35 mph – Rays Road
- **Minimum radius for curve:** 500 feet - Briarcliff Road
700 feet - South Hairston Road
900 feet - Johnson Ferry Road
1000 feet - Rainbow Drive
1250 feet - Rays Road
- **Maximum superelevation rate for curve:** 3.9% - Briarcliff Road
3.9% - South Hairston Road
3.2% - Johnson Ferry Road
3.5% - Rainbow Drive
2.9% - Rays Road
- **Maximum grade:** 6.7% - Briarcliff Road
8.4% - South Hairston Road
8.5% - Johnson Ferry Road
9.4% - Rainbow Drive
3.6% - Rays Road
- **Width of right of way:** Varies 60-90 ft – Briarcliff Road
Varies 75-105 ft – South Hairston Road
Varies 60-100 ft – Johnson Ferry Road
Varies 40-100 ft – Rainbow Drive
Varies 45-85 ft – Rays Road

- **Major structures:**

- Briarcliff Road – Culvert over Tributary for North Fork Peachtree Creek (east of North Druid Hills Road)
- Culvert over Tributary for North Fork Peachtree Creek (east of Clairmont Road)
- Culvert over Tributary for North Fork Peachtree Creek (east of Branch Road)
- Culvert over Tributary for North Fork Peachtree Creek (east of North Chrysler Road)
- Culvert over Tributary for North Fork Peachtree Creek (east of Abby Lane)
- Culvert between Creeley Lake and Simmons Lake (west of Briarlake Road)
- Culvert over Tributary for North Fork Peachtree Creek (west of Hawthorne Drive)
- South Hairston Road. – Bridge over Snapfinger Creek
- Johnson Ferry Road – Bridge over Nancy Creek
- Rainbow Drive – Culvert over Shoal Creek

- **Major interchanges or intersections along the project:**

- Briarcliff Road – Briarcliff Road at North Druid Hills
- Briarcliff Road at Clairmont Road
- Briarcliff Road at Henderson Mill Road
- South Hairston Road – South Hairston Road at Wesley Chapel Road
- South Hairston Road at Covington Highway
- South Hairston Road at Redan Road
- South Hairston Road at Rockbridge Road
- Johnson Ferry Road – Johnson Ferry Road at Ashford Dunwoody Road
- Rainbow Drive – Rainbow Drive at Candler Road
- Rainbow Drive at Columbia Drive
- Rays Road – Rays Road at Memorial Drive
- Rays Road at E. Ponce De Leon

Proposed Design Features:

Proposed typical section(s): Briarcliff Road - A five-foot wide sidewalk will be added on the approximate 4000 foot gap on the north side and on the south side for the entire project length of 5.3 miles. The south side will provide a continuous ADA path and will require curb and gutter and drainage improvements for the majority of the approximately 5.3 miles.

South Hairston Road – A five-foot wide sidewalk will be added on the east side to fill the approximately 2.3 mile gap and on the west side for approximately 5.6 miles. The newly constructed west side will provide the continuous ADA path and the

existing curb and gutter will be maintained.

Johnson Ferry Road – A five-foot wide sidewalk will be added along with proposed curb and gutter and drainage on the north side for approximately 1.4 miles to provide a continuous ADA path on the north side.

Rainbow Drive – A five-foot wide sidewalk will be added along with curb and gutter and drainage on the north side for approximately 1.1 miles. The existing culvert over Shoal Creek will need to be extended on the north side.

Rays Road – A five-foot wide sidewalk will be added on the east side for approximately 1.3 miles. The approximately 2400 feet of existing four-foot wide sidewalk will be replaced with a five-foot wide sidewalk to provide a continuous ADA path from Memorial Drive to E. Ponce de Leon.

- **Proposed Design Speed Mainline:** 35 mph – Briarcliff Road
40 mph – South Hairston Road
35 mph – Johnson Ferry Road
40 mph – Rainbow Drive
35 mph – Rays Road
- **Proposed Maximum grade Mainline:** 6.7% - Briarcliff Road
8.4% - South Hairston Road
8.5% - Johnson Ferry Road
9.4% - Rainbow Drive
3.6% - Rays Road
- **Maximum grade allowable:** 6% – Briarcliff Road
6% - South Hairston Road
10% - Johnson Ferry Road
10% - Rainbow Drive
10% - Rays Road
- **Maximum driveway grade:** 11% commercial and 27% residential – Briarcliff Road
11% commercial and 27% residential - South Hairston Road
11% commercial and 27% residential - Johnson Ferry Road
11% commercial and 27% residential - Rainbow Drive
11% commercial and 27% residential - Rays Road
- **Proposed Maximum grade Side Street:** N/A **Maximum grade allowable:** N/A
- **Proposed Minimum radius:** 500 feet - Briarcliff Road
700 feet - South Hairston Road
900 feet - Johnson Ferry Road
1000 feet - Rainbow Drive
1250 feet - Rays Road
- **Maximum radius allowable:** 23,000 feet – Briarcliff Road

23,000 feet – Johnson Ferry Road
23,000 feet – Rays Road
23,000 feet – South Hairston Road
23,000 feet – Rainbow Drive

- **Maximum superelevation rate for curve:** 3.9% - Briarcliff Road
3.9% - South Hairston Road
3.2% - Johnson Ferry Road
3.5% - Rainbow Drive
2.9% - Rays Road
- **Proposed Maximum degree of curve:** 11°30' - Briarcliff Road
8°30' - South Hairston Road
6°30' - Johnson Ferry Road
5°45' - Rainbow Drive
4°30' - Rays Road
- **Maximum degree allowable:** 12°45' – Briarcliff Road
Johnson Ferry Road
Rays Road
10°00' - South Hairston Road
Rainbow Drive
- **Right of way**
 - **Width:** 60 feet Min – Briarcliff Road
80 feet Min – South Hairston Road
60 feet Min – Johnson Ferry Road
50 feet Min – Rainbow Drive
50 feet Min – Rays Road
 - **Easements:** Temporary (X), Permanent (X), Utility (), Other ()
 - **Type of access control:** Full (), Partial (), By Permit (X), Other ()
 - **Number of parcels:** Briarcliff Road approximately 181
South Hairston Road approximately 167 parcels
Johnson Ferry Road approximately 59 parcels
Rainbow Drive approximately 29 parcels
Rays Road approximately 53 parcels
 - **Number of displacements: 0**
Business: 0
Residences: 0
Mobile homes: 0
Other: 0
- **Structures:**
 - Bridges – Bridge over Snapfinger Creek on South Hairston Road contains existing sidewalks on both sides.

Bridge over Nancy Creek on Johnson Ferry Road contains a sidewalk on the north side.

- Culverts– Seven culverts on Briarcliff Road to be widened to accommodate sidewalks

Three culverts on South Hairston Road to be widened to accommodate sidewalks.

One culvert over Shoal Creek on Rainbow Drive to be widened to accommodate sidewalks.

- Retaining walls – None Anticipated

- **Major intersections and interchanges:**

Briarcliff Road – Briarcliff Road at North Druid Hills

Briarcliff Road at Clairmont Road

Briarcliff Road at Henderson Mill Road

South Hairston Road – South Hairston Road at Wesley Chapel Road

South Hairston Road at Covington Highway

South Hairston Road at Redan Road

South Hairston Road at Rockbridge Road

Johnson Ferry Road – Johnson Ferry Road at Ashford Dunwoody Road

Rainbow Drive – Rainbow Drive at Candler Road

Rainbow Drive at Columbia Drive

Rays Road – Rays Road at Memorial Drive

Rays Road at E. Ponce De Leon

- **Traffic control during construction:** Existing two-way traffic will be maintained during construction of the proposed sidewalks.

Design Exceptions to controlling criteria anticipated: None

	UNDETERMINED	YES	NO
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)

- **Design Variances:** None Anticipated
- **Environmental concerns:** Do not anticipate any UST, hazardous waste, etc. impacts. A stream variance may be required for improvements on Briarcliff Road, South Hairston Road, Rainbow Drive, and Rays Road.
- **Level of environmental analysis:** CE - Anticipated
 - Are Time Saving Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- **Utility involvement:**
 - Briarcliff Road – overhead and underground utilities located north side and sidewalk improvements proposed on south side
 - South Hairston Road – overhead and underground utilities located east side and sidewalk improvements proposed on west side
 - Johnson Ferry Road – overhead and underground utilities located south side and sidewalk improvements proposed on north side
 - Rainbow Drive – overhead and underground utilities located south side and sidewalk improvements proposed on north side
 - Rays Road - overhead and underground utilities located west side and sidewalk improvements proposed on east side

Project responsibilities:

- Design – Dekalb County
- Right of Way Acquisition – Dekalb County
- Relocation of Utilities – Dekalb County
- Letting to contract – Dekalb County
- Supervision of construction – GDOT
- Providing material pits – Contractor

Coordination

- Concept meeting date and brief summary – November 2004 (See the attached meeting Minutes).
- P. A. R. meetings, dates and results – Not Applicable
- FEMA – No Rise Certification will be required on regulated streams.
- USCG, and/or TVA – Not anticipated.
- Public involvement – None anticipated
- Local government comments – None anticipated
- Other projects in the area – P.I. No. 0000608 – Memorial Drive Sidewalks from Moreland Ave/SR 42 to Candler Road
P.I. No. 753200, HPP-00MS (376) – Memorial Drive

Streetscapes from Candler Road to Goldsmith

- Railroads – Not Applicable
- Other Coordination – None anticipated

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process : 6 Months
- Time to complete preliminary construction plans: 3 Months
- Time to complete right of way plans: 3 Months
- Time to complete the Section 404 Permit: 3 Months
- Time to complete final construction plans: 3 Months
- Time to complete to purchase right of way: 6 Months
- List other major items that will affect the project schedule: N/A

Alternates Considered:

Briarcliff Road – (1) A five-foot wide sidewalk will be added on the approximate 4000 foot gap on the north side and a five-foot wide sidewalk will be added on the south side along with curb and gutter and drainage improvements for the project length of approximately 5.45 miles. (2) A five-foot wide sidewalk will be added on the approximate 4000 foot gap on the north side only. (3) A five-foot wide sidewalk will be added on the south side only along with the addition of curb and gutter and drainage improvements.

South Hairston Road – (1) A five-foot wide sidewalk will be added on the east side to fill the approximately 2.3 mile gap and on the west side for approximately 5.3 miles. The existing curb and gutter and drainage will be maintained. (2) A five-foot wide sidewalk will be added on the east side only to fill the approximately 2.3 mile gap. The existing curb and gutter and drainage will be maintained. (3) A five-foot wide sidewalk will be added on the west side only for approximately 5.3 miles. The existing curb and gutter and drainage will be maintained.

Johnson Ferry Road – (1) A five-foot wide sidewalk will be added along with proposed curb and gutter and drainage on the north side for approximately 1.1 miles. (2) A five-foot wide sidewalk will be added on the south side only along with the addition of curb and gutter and drainage improvements.

Rainbow Drive – (1) A five-foot wide sidewalk will be added along with curb and gutter and drainage improvements on the north side for approximately 1.25 miles. The existing culvert over Shoal Creek will need to be extended on the north side. (2) A five-foot wide sidewalk will be added along with curb and gutter and drainage improvements on the south side for approximately 1.25 miles. The existing culvert over Shoal Creek will need to be extended on the south side.

Rays Road – (1) A five-foot wide sidewalk will be added on the east side for approximately 1.35 miles. The approximately 2400 feet of four-foot wide sidewalk will be replaced with a five-foot wide sidewalk. (2) A five-foot wide sidewalk will be added on the west side for approximately 1.35 miles. The approximate 2400 feet of four-foot wide sidewalk would be maintained on the east side.

Comments:

Briarcliff Road - Alternate (1) was chosen as the preferred Alternate because both sides of the road will have sidewalk and a continuous ADA path would be established on the south side. (see attached Briarcliff Road Alternate 1 Cost Estimate). Alternate (2) was not chosen because it would not provide a continuous ADA path. Alternate (3) was not chosen because a continuous ADA path would be established on the south side but gaps in the existing sidewalk would remain on the north side.

South Hairston - Alternate (1) was chosen as the preferred Alternate because both sides of the road will have sidewalk and a continuous ADA path would be established on the west side. (see attached South Hairston Road Alternate 1 Cost Estimate). Alternate (2) was not chosen because it would not provide a continuous ADA path. Alternate (3) was not chosen because a continuous ADA path would be established on the west side but gaps in the existing sidewalk would remain on the east side.

Johnson Ferry Road - Alternate (1) was chosen as the preferred Alternate because a continuous ADA path would be established on the north side. (see attached Johnson Ferry Road Alternate 1 Cost Estimate). Alternate (2) was not chosen because the bridge over Nancy Creek would need to be widened to accommodate a sidewalk.

Rainbow Drive - Alternate (1) was chosen as the preferred Alternate because a continuous ADA path would be established on the north side and crossing side roads is minimal on the north side. The culvert will need to be extended for either alternate to accommodate sidewalk. (see attached Rainbow Drive Alternate 1 Cost Estimate) Alternate (2) was not chosen even though it will provide a continuous ADA path but would require more side road crossings on the south side. The culvert will need to be extended for either alternate to accommodate sidewalk.

Rays Road - Alternate (1) was chosen as the preferred Alternate because a continuous ADA path would be established on the east side and shoulder grading will be minimal due to the presence of the existing four-foot wide sidewalk. Also Dekalb County is adding sidewalk on Rays Road in another project, therefore this new sidewalk would tie into newly constructed sidewalk on the east side. (see attached Rays Road Alternate 1 Cost Estimate) Alternate (2) was not chosen even though it will provide a continuous ADA path but would require more shoulder grading and right of way and would not tie into existing sidewalk.

Attachments:

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

PRELIMINARY COST ESTIMATE
(ALTERNATE 1-Briarcliff Road)

DATE: February 3, 2005 PREPARED BY: The LPA Group, Inc.
 PROJECT NO.: CSSTP-0006-00(884)
 P.I. NO.: 0006884 LENGTH: 5.3 Miles

PROJECT DESCRIPTION: Briarcliff Road Sidewalks from N. Druid Hills to Henderson Mill Road

PROJECT COSTS

A. RIGHT OF WAY

1. Property (Land & Easement)	\$40,000
2. Displacements; Res: 0, Bus: 0, M.H.: 0	\$0
3. Other Cost (Adm./Cost, Inflation)	\$10,000
4. Detour (Temp. Easement)	\$0
Subtotal: A	\$50,000

B. REIMBURSEABLE UTILITIES

1. Railroad; (None)	\$0
2. Transmission Lines;	\$0
3. Services:	\$30,000
Subtotal: B	\$30,000

C. CONSTRUCTION

1. Major Structures			
a. Retaining Walls; (None)			\$0
b. Bridges;	0 sft	@ \$65 sft	\$0
c. Extension of Culverts;	140 ft	@ \$2,000 ft	\$280,000
d. Removal of existing bridge;	0 sft	@ \$20 sft	\$0
			Subtotal: C-1 \$280,000
2. Grading and Drainage:			
a. Earthwork;	6,000 cy	@ \$5 cy	\$30,000
b. Drainage;			
1) Cross Drain Pipe (exclude culverts) (None)			\$0
2) Curb and Gutter	24,500 lft	@ \$15 lft	\$367,500
3) Longitudinal System (include catch basi	12,000 lft	@ \$35 lft	\$420,000
			Subtotal: C-2 \$817,500

3. Base and Paving

a. Aggregate Base;	(	3,900 tons	@ \$20 tn)	\$78,000
b. Asphalt Paving;				
1) Surface	(	0 tons	@ \$47 tn)	\$0
2) Binder	(	0 tons	@ \$47 tn)	\$0
3) Base	(	0 tons	@ \$45 tn)	\$0
c. Concrete Paving;	(	0 syd	@ \$100 syd)	\$0
d. Other;		(None)		\$0
Subtotal: C-3				\$78,000

4. Lump Items:

a. Traffic Control;				\$75,000
b. Clearing & Grubbing;				\$25,000
c. Grassing;				\$10,000
d. Erosion Control;				\$25,000
Subtotal: C-4				\$135,000

5. Miscellaneous:

a. Lighting;		(None)		\$0
b. Striping - (5 in yellow);	0 ft	@ \$0.50 ft)		\$0
c. Striping - (5 in white);	0 ft	@ \$0.50 ft)		\$0
d. Guardrail				\$0
e. Sidewalk	17,800 syd	@ \$30 syd)		\$534,000
Subtotal: C-5				\$539,000

6. Special Features (None)

Subtotal: C-6 \$0

ESTIMATE SUMMARY
 (Alternate 1-Briarcliff Road)

A. Right-of-Way \$50,000

B. Reimbursable Utilities \$30,000

C. Construction

1. Major Structures \$280,000

2. Grading and Drainage \$817,500

3. Base and Paving \$78,000

4. Lump Items \$135,000

5. Miscellaneous \$539,000

6. Special Features \$0

Subtotal Construction Cost \$1,849,500

Inflation (5% per year for 2 years) \$189,574

E & C (10%) \$203,907

Total Construction Cost \$2,242,981

GRAND TOTAL PROJECT COST \$2,322,981

Project Concept Report page 20
 Project Number: CSSTP-0006-00(884)
 P. I. Number: 0006884
 County: Dekalb

**PRELIMINARY COST ESTIMATE
 (ALTERNATE 1-South Hairston Road)**

DATE: February 3, 2005 PREPARED BY: The LPA Group, Inc.
 PROJECT NO.: CSSTP-0006-00(884)
 P.I. NO.: 0006884 LENGTH: 5.6 Miles

PROJECT DESCRIPTION: South Hairston Road Sidewalks from Wesley Chapel Road to Rockbridge Road

PROJECT COSTS

A. RIGHT OF WAY

1. Property (Land & Easement)	\$20,000
2. Displacements; Res: 0, Bus: 0, M.H.: 0	\$0
3. Other Cost (Adm./Cost, Inflation)	\$10,000
4. Detour (Temp. Easement)	\$0
Subtotal: A	<u>\$30,000</u>

B. REIMBURSEABLE UTILITIES

1. Railroad; (None)	\$0
2. Transmission Lines;	\$0
3. Services:	\$30,000
Subtotal: B	<u>\$30,000</u>

C. CONSTRUCTION

1. Major Structures			
a. Retaining Walls; (None)			\$0
b. Widening of Existing Bridge;	0 sft	@ \$85 sft	\$0
c. Extension of Culverts;	60 ft	@ \$2,000 ft	\$120,000
d. Removal of existing bridge;	0 sft	@ \$20 sft	\$0
Subtotal: C-1			<u>\$120,000</u>
2. Grading and Drainage:			
a. Earthwork;	2,500 cy	@ \$5 cy	\$12,500
b. Drainage;			
1) Cross Drain Pipe (exclude culverts)	(None)		\$0
2) Curb and Gutter	2,000 ft	@ \$15 ft	\$30,000
3) Longitudinal System (include catch basin:	0 ft	@ \$35 ft	\$0
Subtotal: C-2			<u>\$42,500</u>

3. Base and Paving

a. Aggregate Base;	(	0 tons	@ \$20 tn)	<u>\$0</u>
b. Asphalt Paving;				
1) Surface	(	0 tons	@ \$47 tn)	<u>\$0</u>
2) Binder	(	0 tons	@ \$47 tn)	<u>\$0</u>
3) Base	(	0 tons	@ \$45 tn)	<u>\$0</u>
c. Concrete Paving;	(	0 syd	@ \$100 syd)	<u>\$0</u>
d. Other;		(None)		<u>\$0</u>
Subtotal: C-3				<u>\$0</u>

4. Lump Items:

a. Traffic Control;				<u>\$50,000</u>
b. Clearing & Grubbing;				<u>\$25,000</u>
c. Grassing;				<u>\$10,000</u>
d. Erosion Control;				<u>\$25,000</u>
Subtotal: C-4				<u>\$110,000</u>

5. Miscellaneous:

a. Lighting;		(None)		<u>\$0</u>
b. Striping - (5 in yellow);		0 ft	@ \$0.50 ft)	<u>\$0</u>
c. Striping - (5 in white);		0 ft	@ \$0.50 ft)	<u>\$0</u>
d. Guardrail				<u>\$10,000</u>
e. Sidewalk		22,500 syd	@ \$30 syd)	<u>\$675,000</u>
Subtotal: C-5				<u>\$685,000</u>

6. Special Features (None)

Subtotal: C-6 \$0

GRAND TOTAL PROJECT COST

ESTIMATE SUMMARY
 (Alternate 1-South Hairston Road)

A. Right-of-Way		<u>\$30,000</u>
B. Reimbursable Utilities		<u>\$30,000</u>
C. Construction		
1. Major Structures	<u>\$120,000</u>	
2. Grading and Drainage	<u>\$42,500</u>	
3. Base and Paving	<u>\$0</u>	
4. Lump Items	<u>\$110,000</u>	
5. Miscellaneous	<u>\$685,000</u>	
6. Special Features	<u>\$0</u>	
Subtotal Construction Cost	<u><u>\$957,500</u></u>	
Inflation (5% per year for 2 years)	<u>\$98,144</u>	
E & C (10%)	<u>\$105,564</u>	
Total Construction Cost		<u><u>\$1,161,208</u></u>
GRAND TOTAL PROJECT COST	<u><u>\$1,221,208</u></u>	

PRELIMINARY COST ESTIMATE
(ALTERNATE 1-Johnson Ferry Road)

DATE: February 3, 2005
 PROJECT NO.: CSSTP-0006-00(884)
 P.I. NO.: 0006884

PREPARED BY: The LPA Group, Inc.
 LENGTH: 1.4 Miles

PROJECT DESCRIPTION: Johnson Ferry Road Sidewalks from Dekalb County line to Ashford Dunwoody Road

PROJECT COSTS

A. RIGHT OF WAY

1. Property (Land & Easement)	\$15,000
2. Displacements; Res: 0, Bus: 0, M.H.: 0	\$0
3. Other Cost (Adm./Cost, Inflation)	\$10,000
4. Detour (Temp. Easement)	\$0
Subtotal: A	<u>\$25,000</u>

B. REIMBURSEABLE UTILITIES

1. Railroad; (None)	\$0
2. Transmission Lines;	\$0
3. Services:	\$15,000
Subtotal: B	<u>\$15,000</u>

C. CONSTRUCTION

1. Major Structures			
a. Retaining Walls; (None)			\$0
b. Bridges;	0 sft	@ \$65 sft	\$0
c. Extension of Culverts;	0 ft	@ \$2,000 ft	\$0
d. Removal of existing bridge;	0 sft	@ \$20 sft	\$0
Subtotal: C-1			<u>\$0</u>
2. Grading and Drainage:			
a. Earthwork;	1,300 cy	@ \$5 cy	\$6,500
b. Drainage;			
1) Cross Drain Pipe (exclude culverts)	(None)		\$0
2) Curb and Gutter	4,500 lft	@ \$15 lft	\$67,500
3) Longitudinal System (include catch basin)	3,000 lft	@ \$35 lft	\$105,000
Subtotal: C-2			<u>\$179,000</u>

PRELIMINARY COST ESTIMATE
 (ALTERNATE 1 - Johnson Ferry Road)

3. Base and Paving

a. Aggregate Base;	(	800 tons	@ \$20 tn)	<u>\$16,000</u>
b. Asphalt Paving;				
1) Surface	(	0 tons	@ \$47 tn)	<u>\$0</u>
2) Binder	(	0 tons	@ \$47 tn)	<u>\$0</u>
3) Base	(	0 tons	@ \$45 tn)	<u>\$0</u>
c. Concrete Paving;	(	0 syd	@ \$100 syd)	<u>\$0</u>
d. Other;		(None)		<u>\$0</u>
Subtotal: C-3				<u>\$16,000</u>

4. Lump Items:

a. Traffic Control;	<u>\$15,000</u>	
b. Clearing & Grubbing;	<u>\$5,000</u>	
c. Grassing;	<u>\$5,000</u>	
d. Erosion Control;	<u>\$10,000</u>	
Subtotal: C-4		<u>\$35,000</u>

5. Miscellaneous:

a. Lighting;	(None)	<u>\$0</u>
b. Striping - (5 in yellow);	0 ft @ \$0.50 ft)	<u>\$0</u>
c. Striping - (5 in white);	0 ft @ \$0.50 ft)	<u>\$0</u>
d. Guardrail		<u>\$2,500</u>
e. Sidewalk	3,100 syd @ \$30 syd)	<u>\$93,000</u>
Subtotal: C-5		<u>\$95,500</u>

6. Special Features (None)

Subtotal: C-6 \$0

ESTIMATE SUMMARY
 (Alternate 1-Johnson Ferry Road)

A. Right-of-Way \$25,000

B. Reimbursable Utilities \$15,000

C. Construction

1. Major Structures \$0

2. Grading and Drainage \$179,000

3. Base and Paving \$16,000

4. Lump Items \$35,000

5. Miscellaneous \$95,500

6. Special Features \$0

Subtotal Construction Cost \$325,500

Inflation (5% per year for 2 years) \$33,364

E & C (10%) \$35,886

Total Construction Cost \$394,750

GRAND TOTAL PROJECT COST \$434,750

ESTIMATE SUMMARY
 (Alameda - Kaskow Drive)

3. Base and Paving

000,052	a. Aggregate Base;	(	900 tons	@ \$20 tn)	<u>\$18,000</u>
	b. Asphalt Paving;				
	1) Surface	(	0 tons	@ \$47 tn)	<u>\$0</u>
	2) Binder	(	0 tons	@ \$47 tn)	<u>\$0</u>
	3) Base	(	0 tons	@ \$45 tn)	<u>\$0</u>
	c. Concrete Paving;	(	0 syd	@ \$100 syd)	<u>\$0</u>
	d. Other;		(None)		<u>\$0</u>
					<u>Subtotal: C-3 \$18,000</u>

4. Lump Items:

a. Traffic Control;	<u>\$15,000</u>
b. Clearing & Grubbing;	<u>\$5,000</u>
c. Grassing;	<u>\$5,000</u>
d. Erosion Control;	<u>\$10,000</u>
	<u>Subtotal: C-4 \$35,000</u>

5. Miscellaneous:

a. Lighting;	(None)	<u>\$0</u>
b. Striping - (5 in yellow);	0 ft @ \$0.50 ft)	<u>\$0</u>
c. Striping - (5 in white);	0 ft @ \$0.50 ft)	<u>\$0</u>
d. Guardrail		<u>\$2,500</u>
e. Sidewalk	3,400 syd @ \$30 syd)	<u>\$102,000</u>
		<u>Subtotal: C-5 \$104,500</u>

6. Special Features (None)

Subtotal: C-6 \$0

GRAND TOTAL PROJECT COST

ESTIMATE SUMMARY
 (Alternate 1-Rainbow Drive)

A. Right-of-Way		<u>\$20,000</u>
B. Reimbursable Utilities		<u>\$15,000</u>
C. Construction		
1. Major Structures	<u>\$100,000</u>	
2. Grading and Drainage	<u>\$176,000</u>	
3. Base and Paving	<u>\$18,000</u>	
4. Lump Items	<u>\$35,000</u>	
5. Miscellaneous	<u>\$104,500</u>	
6. Special Features	<u>\$0</u>	
Subtotal Construction Cost	<u><u>\$433,500</u></u>	
Inflation (5% per year for 2 years)	<u>\$44,434</u>	
E & C (10%)	<u>\$47,793</u>	
Total Construction Cost		<u>\$525,727</u>
GRAND TOTAL PROJECT COST	<u><u>\$560,727</u></u>	

**PRELIMINARY COST ESTIMATE
 (ALTERNATE 1-Rays Road)**

DATE: February 3, 2005 PREPARED BY: The LPA Group, Inc.
 PROJECT NO.: CSSTP-0006-00(884)
 P.I. NO.: 0006884 LENGTH: 1.3 Miles

PROJECT DESCRIPTION: Rays Road Sidewalks from Memorial Drive to E. Ponce De Leon

PROJECT COSTS

A. RIGHT OF WAY

1. Property (Land & Easement)	\$10,000
2. Displacements; Res: 0, Bus: 0, M.H.: 0	\$0
3. Other Cost (Adm./Cost, Inflation)	\$10,000
4. Detour (Temp. Easement)	\$0
Subtotal: A	<u>\$20,000</u>

B. REIMBURSEABLE UTILITIES

1. Railroad; (None)	\$0
2. Transmission Lines;	\$0
3. Services:	\$15,000
Subtotal: B	<u>\$15,000</u>

C. CONSTRUCTION

1. Major Structures				
a. Retaining Walls; (None)				\$0
b. Bridges;	0 sft	@ \$65 sft		\$0
c. Extension of Culverts;		0 ft	@ \$2,000 ft	\$0
d. Removal of existing bridge;		0 ft	@ \$20 ft	\$0
Subtotal: C-1				<u>\$0</u>
2. Grading and Drainage:				
a. Earthwork;	1,000 cy	@ \$5 cy		\$5,000
b. Drainage;				
1) Cross Drain Pipe (exclude culverts)		(None)		\$0
2) Curb and Gutter		2,700 ft	@ \$15 ft	\$40,500
3) Longitudinal System (include catch basins)		2,500 ft	@ \$35 ft	\$87,500
Subtotal: C-2				<u>\$133,000</u>

3. Base and Paving

a. Aggregate Base;	(	0 tons	@ \$20 tn)	<u>\$0</u>
b. Asphalt Paving;				
1) Surface	(	0 tons	@ \$47 tn)	<u>\$0</u>
2) Binder	(	0 tons	@ \$47 tn)	<u>\$0</u>
3) Base	(	0 tons	@ \$45 tn)	<u>\$0</u>
c. Concrete Paving;	(	0 syd	@ \$100 syd)	<u>\$0</u>
d. Other;		(None)		<u>\$0</u>
Subtotal: C-3				<u>\$0</u>

4. Lump Items:

a. Traffic Control;				<u>\$15,000</u>
b. Clearing & Grubbing;				<u>\$5,000</u>
c. Grassing;				<u>\$5,000</u>
d. Erosion Control;				<u>\$10,000</u>
Subtotal: C-4				<u>\$35,000</u>

5. Miscellaneous:

a. Lighting;		(None)		<u>\$0</u>
b. Striping - (5 in yellow);	0 ft	@ \$0.50 ft)		<u>\$0</u>
c. Striping - (5 in white);	0 ft	@ \$0.50 ft)		<u>\$</u>
d. Guardrail				<u>\$2,500</u>
e. Sidewalk	4,000 syd	@ \$30 syd		<u>\$120,000</u>
Subtotal: C-5				<u>\$122,500</u>

6. Special Features (None)

Subtotal: C-6 \$0

ESTIMATE SUMMARY

(Alternate 1- Rays Road)

A. Right-of-Way	<u>\$20,000</u>
B. Reimbursable Utilities	<u>\$15,000</u>
C. Construction	
1. Major Structures	<u>\$0</u>
2. Grading and Drainage	<u>\$133,000</u>
3. Base and Paving	<u>\$0</u>
4. Lump Items	<u>\$35,000</u>
5. Miscellaneous	<u>\$122,500</u>
6. Special Features	<u>\$0</u>
Subtotal Construction Cost	<u><u>\$290,500</u></u>
Inflation (5% per year for 2 years)	<u>\$29,776</u>
E & C (10%)	<u>\$32,028</u>
Total Construction Cost	<u><u>\$352,304</u></u>
GRAND TOTAL PROJECT COST	<u><u>\$387,304</u></u>

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT
Sidewalks Along Eighteen (18) Corridors: Phase 1
Briarcliff Road from N. Druid Hills to Henderson Mill Road
South Hairston Road from Wesley Chapel Road to Rockbridge Road
Johnson Ferry Road from Dekalb County Line to Ashford Dunwoody Road
Rainbow Drive from Candler Road to Columbia Drive
Rays Road from Memorial Drive to E. Ponce De Leon**

Project Number: CSSTP-0006-00(884)
County: Dekalb
P. I. Number: 0006884

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

PROJECT LOCATION MAPS: See Pages 2-6

Recommendation for approval:

DATE _____

Project Manager

DATE _____

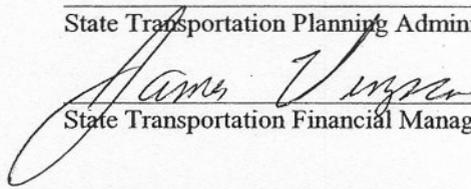
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 3-22-05



State Transportation Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. CSSTP-0006-00(884), Dekalb County

P. I. No. 0006884

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 Approval: *APRIL 4, 2005*

This project is located on Briarcliff Road from N. Druid Hills to Henderson Mill Road, located in Dekalb County, Land District 18, Land Lots 152, 153, 157, 158, 193-196, 206-209, and 231-233 on South Hairston Road from Wesley Chapel Road to Rockbridge Road, located in Dekalb County, Land District 15, Land Lots 130, 131, 159-161, 192, 193 and 224-225 and Land District 16, Land Lots 1, 2, 5, 6, 16, 17 and 40 on Johnson Ferry Road from Dekalb County Line to Ashford Dunwoody Road located in Dekalb County, Land District 18, Land Lots 301, 302, 304 and 305 on Rainbow Drive from Candler Road to Columbia Drive, located in Dekalb County, Land District 15, Land Lots 121-123 and on Rays Road from Memorial Drive to E. Ponce De Leon, located in Dekalb County, Land District 18, Land Lots 69, 94 and 121.

This project consists of adding sidewalk to establish a continuous ADA path as well as curb and gutter and drainage improvements as necessary.

Drawings and/or maps, and/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
District 7 – Area 1 Engineer
thom.parker@dot.state.ga.us
805 George Luther Drive
Decatur, Georgia 30032
(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:

Mike Lobdell
District 7 Design Engineer
mike.lobdell@dot.state.ga.us
5025 New Peachtree Road
Chamblee, GA 30341
(770) 986-1050

Any written request or communication in reference to this Notice SHOULD include the PROJECT and P.I. NUMBERS as noted at the top of this notice.