

- iii. Revised Typical Section
- iv. Revised Traffic Flow Diagrams

**Exempt projects**

Concur: *W. H. Rice-Slater* <sup>to assist</sup>  
Director of Preconstruction

Approve: *Q. E. M. R.*  
Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 0000643, Fulton County **OFFICE** Preconstruction  
CM000-0000-00(643)  
CS 5079/Shannon Pkwy-  
From CR 1384/Flat Shoals Road to SR 138 **DATE** July 25, 2008

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

**TO** SEE DISTRIBUTION

**SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

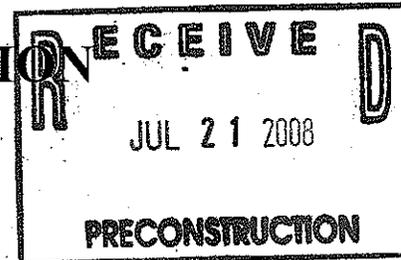
Attachment

**DISTRIBUTION:**

Brian Summers  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Paul Liles  
Bryant Poole  
Mike Lobdell  
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE



FILE: CM-0000-00(643) , Fulton Co.  
CS 5079/Shannon Pkwy from  
CR 1384/Flat Shoals Rd. to SR 138  
P.I. # 0000643

OFFICE: Chamblee\Metro

DATE: May 23, 2008

FROM: Bryant Poole, District Engineer

RECEIVED

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

JUL 14 2008

SUBJECT: *Revised Project Concept Report*

OFFICE OF PLANNING

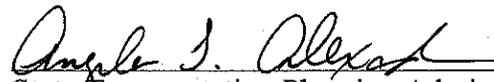
Attached is the original copy of the revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

The proposed project is approximately 1.2 miles in length. The project limits are as follows: beginning at its intersection with SR 138 (mile 0.0), continuing north on Shannon Parkway and ending at its intersection with Flat Shoals Road (mile 1.2), in Union City.

The project typical section will be revised to eliminate the need for a design exception due to substandard lane widths. The proposed typical section will change from 10-foot lanes to **12-foot lanes**. The curb and gutter, bike lanes, 5-foot sidewalks (Left side only), ADA facilities, and pedestrian crosswalks, as well as, placement of lighting and roadway striping along the corridor will remain the same. In addition, the portion of Mall Boulevard located between Shannon Parkway and Londonderry Way will be striped to include bike lanes. The termini of the project was determined to provide access to existing pedestrian and bicycle facilities.

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

DATE: 7-18-2008

  
State Transportation Planning Administrator

Distribution:

Brian Summers  
Glenn Bowman  
Keith Golden  
Angela Alexander  
Jamie Simpson  
File

**REVISED PROJECT CONCEPT REPORT**  
**Shannon Parkway CMAQ**  
**Project No. CM-000-00(643)**  
**PI No. 0000643**

**Need and Purpose:**

This project is located along Shannon Parkway from Jonesboro Road/S.R. 138 to Flat Shoals Road in Union City, Fulton County. Union City is experiencing growth with the commercial development occurring adjacent to Shannon Mall along Shannon Parkway. The proposed bicycle and pedestrian facilities along Shannon Parkway will serve near-by residential areas and provide access to the Shannon Mall and surrounding retail and restaurants.

As noted in the Livable Communities Initiative (LCI) Study completed in (2000), the need for pedestrian facilities in Union City is indisputable as evidenced by well-worn paths along the shoulder of every road within the LCI study area, especially Flat Shoals Road and Shannon Parkway. Currently, there are no sidewalks or bike lanes in the area. This project will provide on-road bicycle facilities and sidewalks along Shannon Parkway.

The positive impacts of this project on air quality and congestion could be significant by the addition of bicycle and pedestrian facilities. The improvements will establish safe transportation routes for pedestrians and cyclists. This will provide citizens and visitors a viable alternative to driving. The improvements will lead to a reduction in vehicle emissions and an increase in overall air quality due to reduced trips by motor vehicles.

**Project Location:**

The proposed project is approximately 1.2 miles in length. The project limits are as follows: beginning at its intersection with SR 138 (mile 0.0), continuing north on Shannon Parkway and ending at its intersection with Flat Shoals Road (mile 1.2), in Union City.

**Description of approved concept:**

The project includes the construction of curb and gutter, 4-foot bike lanes, 5-foot sidewalks, ADA facilities, and pedestrian crosswalks, as well as, placement of lighting and roadway striping along the corridor. In addition, the portion of Mall Boulevard located between Shannon Parkway and Londonderry Way will be striped to include bike lanes. The termini of the projects were determined to provide access to existing pedestrian and bicycle facilities.

**PDP Classification:**            Major \_\_\_\_\_            Minor   X

**Federal Oversight:**

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

**Functional Classification:** Minor Arterial

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

**Traffic (AADT):**

Current Year: N/A Design Year: N/A

**Proposed features to be revised:**

This revision will change the proposed typical section description (below for reference). At the PFPR meeting, GDOT recommended reevaluating the proposed design and lane widths to avoid having to request a design variance or exception. The City and the designers reevaluated the proposed lane widths and decided to follow GDOT's advice to maintain the minimum required lane widths of 12-foot throughout the project.

- Proposed typical section(s): *(as approved)*

From Jonesboro Road to Shannon Boulevard, Shannon Parkway's proposed typical section consists of a 40' wide – urban section with curb and gutter – One 10' wide travel lane and one 4' wide bicycle lane in each direction, and one 12' wide left-turn lane.

From Shannon Boulevard to Flat Shoals Road, Shannon Parkway's proposed typical section consists of a 60 feet wide, urban section with two 10' lanes, one 4' wide bicycle lane, and curb and gutter in each direction, plus a 12' wide grassed median. Five foot sidewalk will be constructed on the west side of the road and the road will be signed and striped for bike lanes throughout the project.

**Describe the revised feature(s) to be approved.**

- Proposed typical section(s): *(to be approved)*

From Jonesboro Road to Shannon Boulevard, Shannon Parkway's proposed typical section consists of an urban section with curb and gutter, one 12' wide travel lane and one 6' wide bicycle lane in each direction, and a 14' wide left-turn lane; plus 5' wide sidewalks on the west side of the road.

From Shannon Boulevard to Flat Shoals Road, Shannon Parkway's proposed typical section consists of an urban section with two 12' wide travel lanes in each direction; one 4' wide bicycle lane, and curb and gutter in each direction; plus a variable width grassed median. Five foot (5') sidewalk will be constructed on the west side of the road and the road will be signed and striped for bike lanes throughout the project.

**Updated Traffic Data (AADT):**

Current Year: ..... Design Year: .....

**Programmed/Schedule:**

P.E. 2008

R/W: 2008-2009

Construction: 2009-2010

VE Study Required      Yes ( )      No (X)

**Revised cost estimate:** (Please see attached)

1. Construction cost including inflation and E&C,
2. Right of Way, and
3. Utilities

Is the project located in a Non-attainment area?  Yes     No.  
However, this project does not add capacity to road.

**Recommendation:**

It is recommended that the proposed revision to the concept be approved for implementation.

**Attachments:**

1. Sketch map,
2. Proposed Typical Sections,
3. Revised cost estimate

Concur: \_\_\_\_\_

*Todd D. Long*

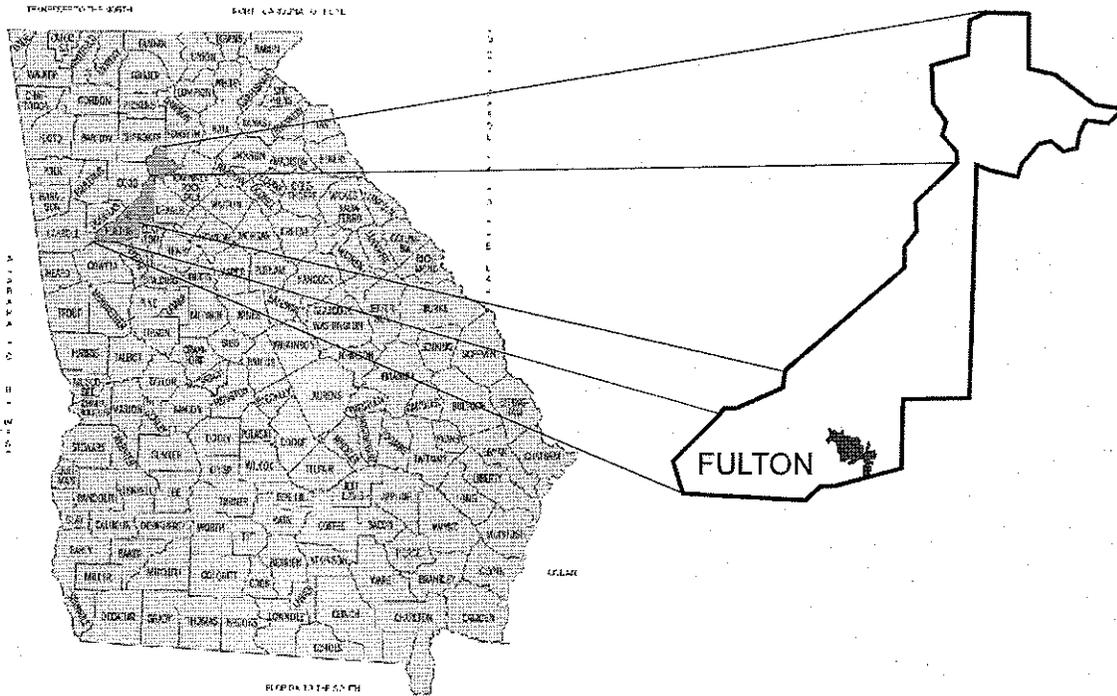
Director of Preconstruction

Approve: \_\_\_\_\_

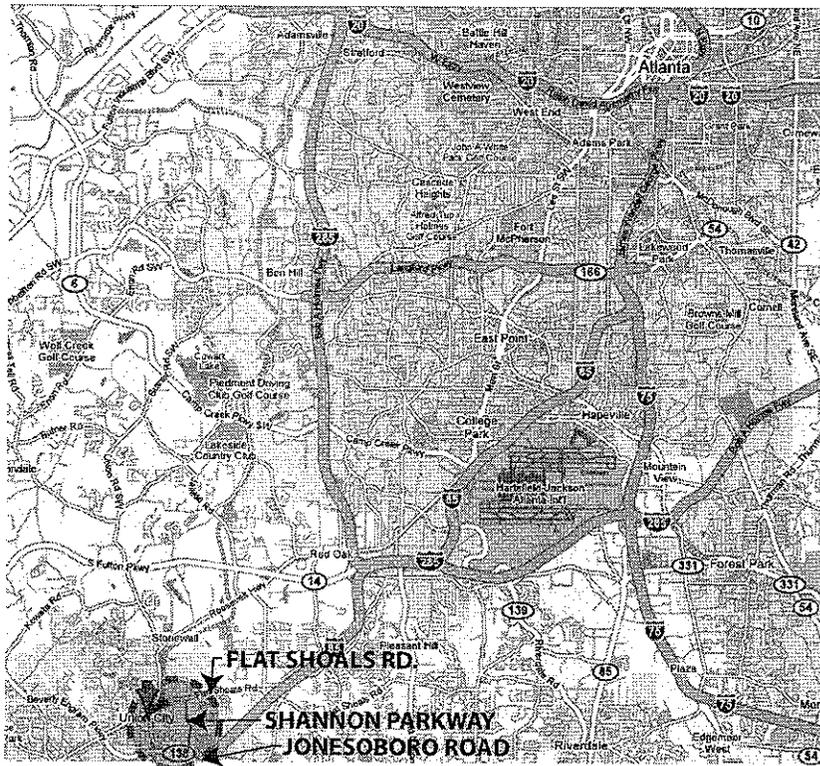
*Dale M. N.*

Chief Engineer

# LOCATION SKETCH



## LOCATION IN GEORGIA

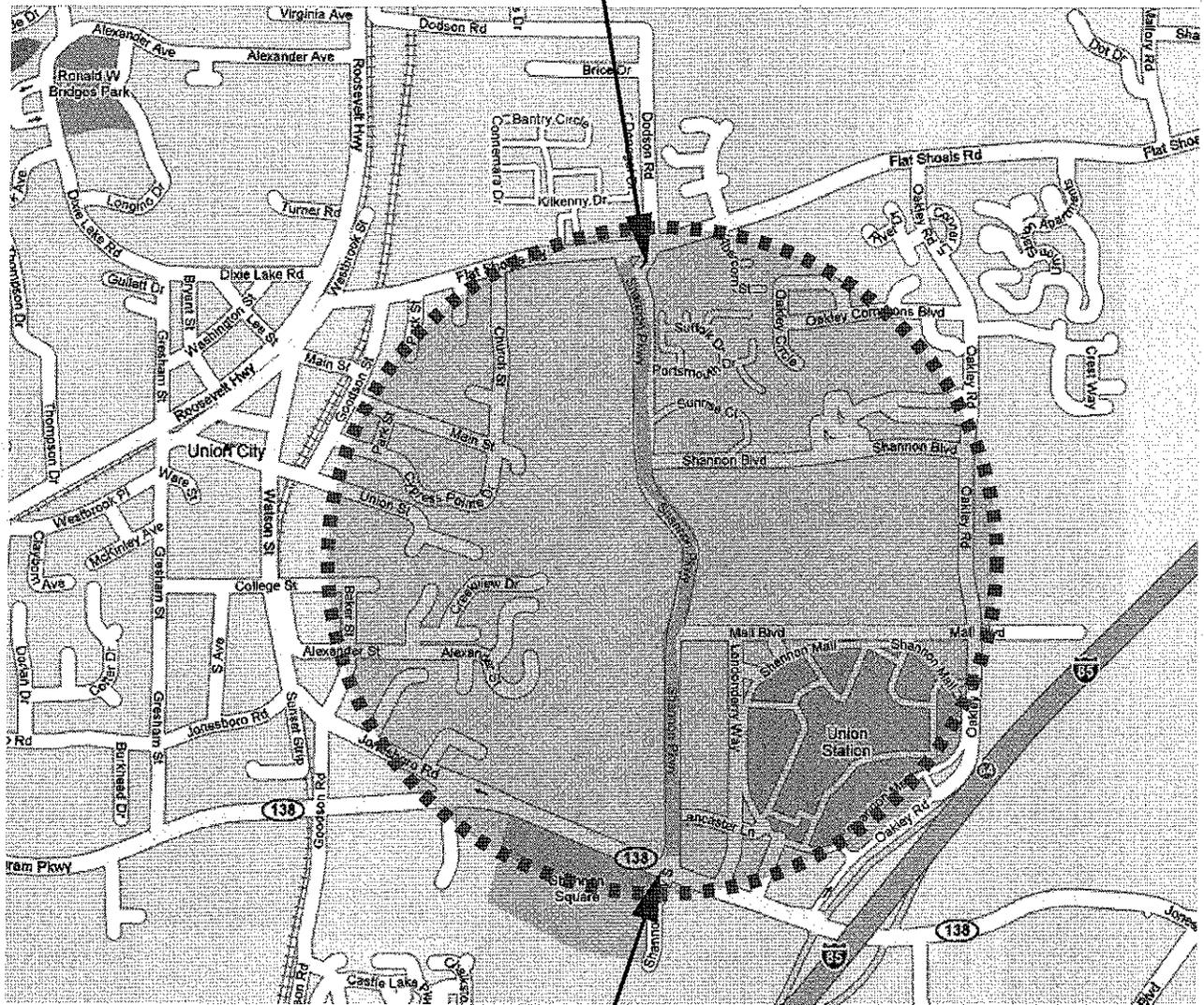


## LOCATION IN FULTON COUNTY

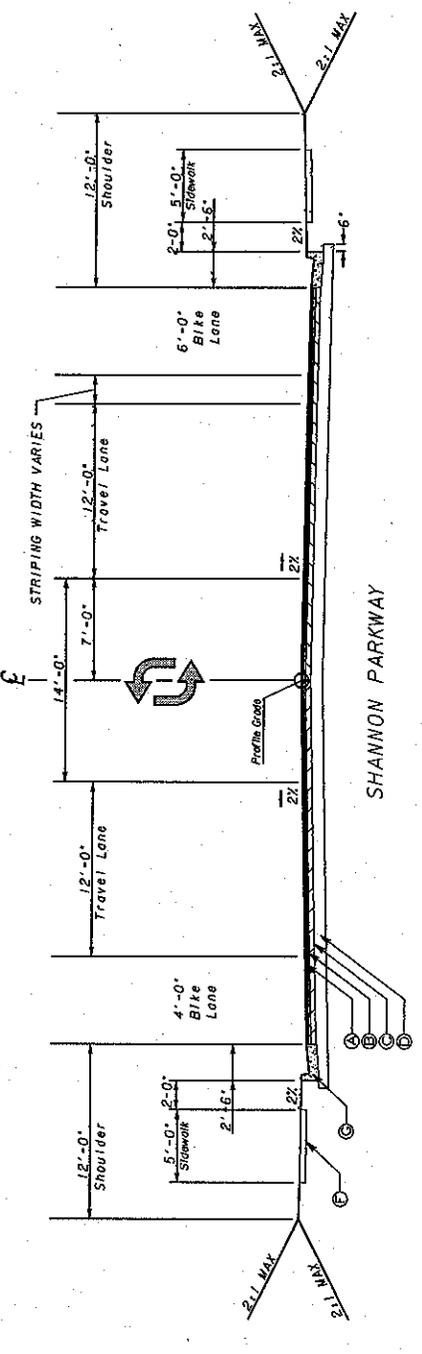
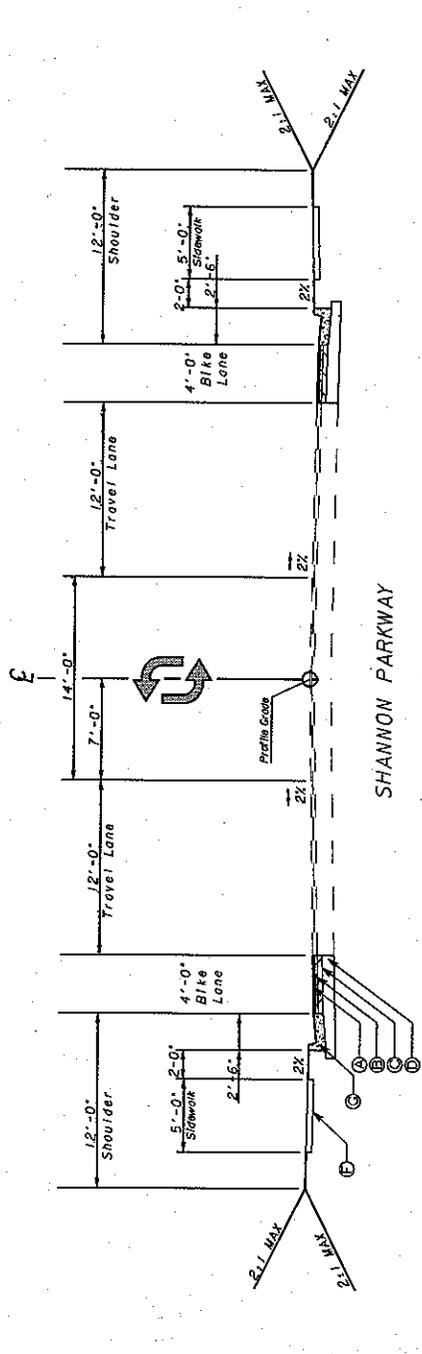
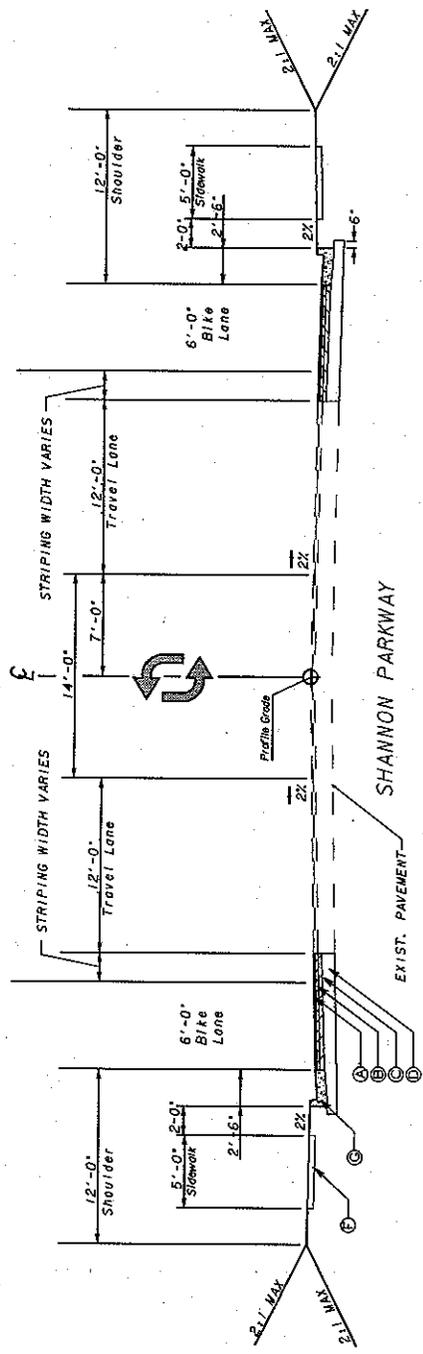
**ROSSER** 524 West Peachtree Street, NW SHANNON PARKWAY CMAQ PROJECT NO. CM 000-00-(643) P.I. NO. 00000643  
Atlanta, Georgia 30308

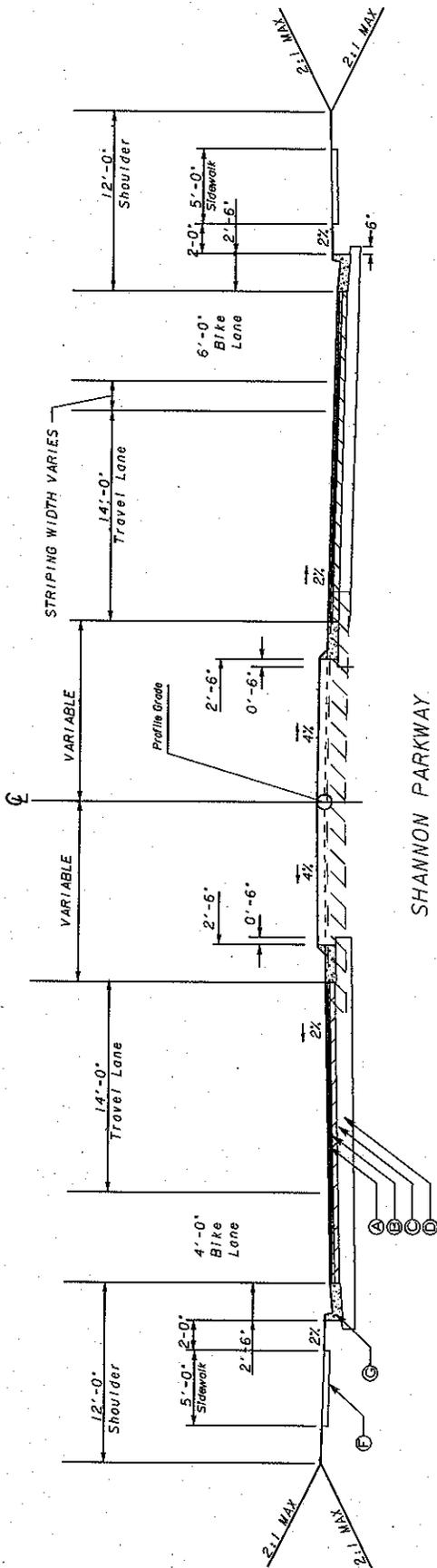
# QUADRANGLE MAP

BEGIN PROJECT

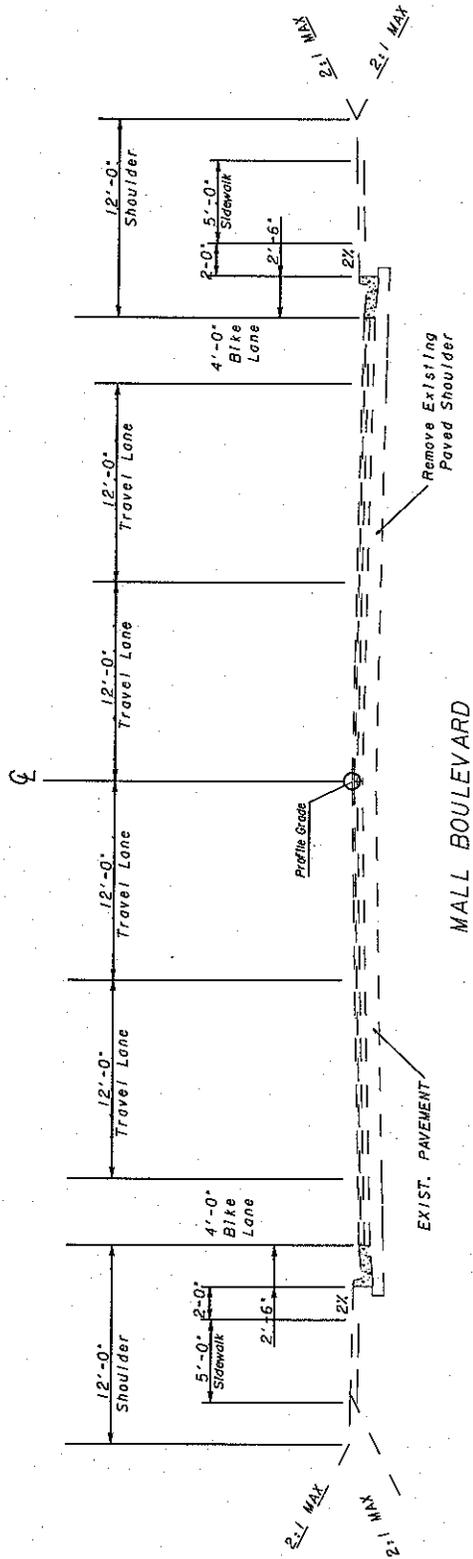


END PROJECT





SHANNON PARKWAY



MALL BOULEVARD

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CM-0000-00(643)

COUNTY: Fulton

DATE: November 22, 2005

ESTIMATED LETTING DATE:

PREPARED BY: Rosser International

PROJECT LENGTH: 6410 FT (1.23 miles)

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

| PROJECT COST   |           |
|--|-----------|
| <b>A. RIGHT-OF-WAY:</b>  |           |
| 1. PROPERTY (LAND & EASEMENT) 0.685 Acres @ \$144,148 / Acre     | \$ 98,741 |
| 2. DISPLACEMENTS: RES:0; BUS:0; M.H.:0                           | \$ -      |
| 3. OTHER COST (ADM./COST, INFLATION)                             | \$ -      |
| SUBTOTAL A:  | \$ 98,741 |
| <b>B. REIMBURSABLE UTILITIES:</b>                                |           |
| 1. RAILROAD  |           |
| 2. TRANSMISSION LINES  | \$ -      |
| 3. SERVICES  |           |
| SUBTOTAL B:  | \$ -      |
| <b>C. CONSTRUCTION</b>   |           |
| <b>1. MAJOR STRUCTURES</b>                                       |           |
| a. BRIDGE- Bridge (0' L X 0' W) @ \$53 / SF                      | \$ -      |
| b. BRIDGE - Existing Bridge Demolition (0' L X 0' W) @ \$10 / SF | \$ -      |
| SUBTOTAL C-1:  | \$ -      |
| <b>2. GRADING AND DRAINAGE:</b>                                  |           |
| a. EARTHWORK--3,710 CuYds--Shannon Parkway @ \$4.35/CY           | \$ 16,139 |
| <b>b. DRAINAGE:</b>  |           |
| 1) Replacing pipes and Inlets                                    | \$ 20,000 |
| SUBTOTAL C-2:  | \$ 36,139 |

|   |    |            |
|---|----|------------|
| 3. BASE AND PAVING:   |    |            |
| a. ASPHALT PAVING: 12.5 mm- 1981 SY @ \$10.20/SY                    | \$ | 20,206     |
| 19 mm- 1981 SY - @ \$11.48/SY                                       | \$ | 22,741     |
| 25 mm - 1981 ST - @ \$20.50/SY                                      | \$ | 40,610     |
| Tack Coat-- 69 gallons @ \$1.74                                     | \$ | 120        |
| Gross Aggr Base: 6"-- 1981 SY-@ \$7.00/SY                           | \$ | 13,867     |
| Curb and Gutter: Type 7-- 5350 LF-@ \$26.86/LF                      | \$ | 143,701    |
| SUBTOTAL C-3.a  |    | \$ 241,245 |
| b. Reinforce Concrete Approach Slab 0 SY@ \$116.83/SY               | \$ | -          |
| c. PERMANENT GRASSING--1.43 Ac @ \$2,800/AC (65 LB/Ac)              | \$ | 4,004      |
| d. AG. LIME--1.43 Ac @ \$52.80/TN (1.0 TN/Ac)                       | \$ | 76         |
| e. Fertilizer mixed grade--1.43 Ac @ \$296.43/TN (0.22TN/Ac)        | \$ | 93         |
| f. Fertilizer Nitrogen Content-- 1.43 Ac @ \$2.48/LB (50 LB/Ac)     | \$ | 177        |
| SUBTOTAL C-3:   |    | \$ 4,350   |
| 4. LUMP ITEMS:  |    |            |
| a. EROSION CONTROL  | \$ | 20,000     |
| b. TRAFFIC CONTROL  | \$ | 40,000     |
| SUBTOTAL C-4:   |    | \$ 60,000  |
| 5. MISCELLANEOUS:   |    |            |
| a. SIGNING & MARKING - 25,400 lf (0.2\$/LF)                         | \$ | 15,240     |
| b. THERMOPLASTIC SOLID WHITE STRIPING YELLOW 2667 sy (\$2.95/SY)    | \$ | 7,867      |
| SUBTOTAL C-5:   |    | \$ 23,107  |
| 6. SPECIAL FEATURES   |    |            |
| 4" Sidewalks - 5150 lf, 5 ft wide = 25750 sf = 2861 sy (\$34.35/SY) | \$ | 98,275     |
| Pavers - sf (\$13.38/sf)  | \$ | -          |
| Street Lights - 63 ea (\$1645/ea)                                   | \$ | 103,635    |
| SUBTOTAL C-6:   |    | \$ 201,910 |
| SUBTOTAL C:   |    | \$ 325,506 |

**ESTIMATE SUMMARY**

|                                 |           |                |
|---------------------------------|-----------|----------------|
| <b>ESTIMATE SUMMARY</b>         |           |                |
|                                 |           |                |
| A. RIGHT-OF-WAY                 | \$        | 98,741         |
| B. REIMBURSABLE UTILITIES       | \$        | -              |
| C. CONSTRUCTION                 |           |                |
| 1. MAJOR STRUCTURES             | \$        | -              |
| 2. GRADING AND DRAINAGE:        | \$        | 36,139         |
| 3. BASE AND PAVING:             | \$        | 245,595        |
| 4. LUMP ITEMS:                  | \$        | 60,000         |
| 5. MISCELLANEOUS:               | \$        | 23,107         |
| 6. SPECIAL FEATURES             | \$        | 201,910        |
| SUBTOTAL CONSTRUCTION           | \$        | 566,751        |
| INFLATION (5% PER YEAR)         | \$        | 58,092         |
| NUMBER OF YEARS                 | 2.0       |                |
| E. & C. (10%)                   | \$        | 62,484         |
| TOTAL CONSTRUCTION COST         | \$        | 687,327        |
|                                 |           |                |
| <b>GRAND TOTAL PROJECT COST</b> | <b>\$</b> | <b>786,068</b> |