

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0000643, Fulton County **OFFICE** Preconstruction
CM-0000-00(643)
Shannon Parkway Bicycle Facilities
And Sidewalks **DATE** January 12, 2006

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

TO *MBP* SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

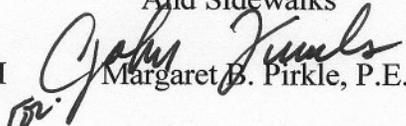
DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER
FHWA

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0000643, Fulton County **OFFICE** Preconstruction
 CM-0000-00(643)
 Shannon Parkway Bicycle Facilities
 And Sidewalks **DATE** January 3, 2006

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

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

SUBJECT PROJECT CONCEPT REPORT

This project consists of sidewalk construction and bicycle facility improvements along Shannon Parkway from Jonesboro Road/SR 138 to Flat Shoals Road in Union City. 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 nearby residential areas and provide access to the Shannon Mall and surrounding retail and restaurants.

The project includes the construction of curb and gutter, 4' bike lanes, 5' 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 between Shannon Parkway and Londonderry Way will be striped to include bike lanes. Traffic will be maintained during construction.

Environmental concerns include requiring a Categorical Exclusion 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)	\$572,000	\$572,000	L400	2009
Right-of-Way & Utilities*	Local	Local	Local	

*Union City signed PMS on 10-20-02 for PE, right-of-way, utilities, and 20% of construction costs.

David Studstill

Page 2

P. I. No. 0000643. Fulton

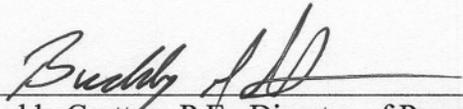
January 3, 2006

I recommend this project concept be approved.

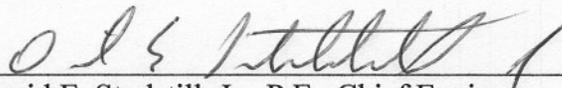
MBP:JDQ/cj

Attachment

CONCUR


Buddy Gratton, P.E., Director of Preconstruction

APPROVE


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

Notice of Location and Design Approval
Project Number CM-0000-00 (643)
Fulton County
P.I. # 0000643

Notice is hereby given in compliance with the Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The proposed project consists of sidewalk construction and bicycle facility improvements located within the city limits of Union City, Fulton County, West of I-85 between Flat Shoals Road and State Route 138. This project lies entirely within Georgia Military District G.M.D. no. 3, Land District no. 9, Land Lots no. 56, 57, 62, & 63.

Date of Location and Design Approval: JANUARY 12, 2006

Proposed improvements will consist of constructing ADA compliant sidewalks along Shannon Parkway from S.R.138/Jonesboro Rd extending north to Flat Shoals Road. Crosswalks and bicycle lanes will also be added and/or modified to create a safer bicycle and pedestrian environment.

Drawings or maps or plats of the proposed project as approved are on file and are available for inspection at the Georgia Department of Transportation (5025 New Peachtree Road, Chamblee, Georgia 30341). Or, any interested party may obtain a copy of the drawings or maps or plats by writing to the Georgia Department of Transportation, No. 2 Capitol Square, Atlanta, Georgia 30334 and paying a nominal cost therefore.

Any written request to this notice SHOULD include the PROJECT AND PI NUMBERS AS NOTED AT THE TOP OF THIS NOTICE AND may be referred to:

Mike Langford, Area Engineer
Georgia Department of Transportation
940 Virginia Avenue
Hapeville, Georgia 30354
E-mail: Mike.langford@dot.state.ga.us
Phone: (770) 528-3233

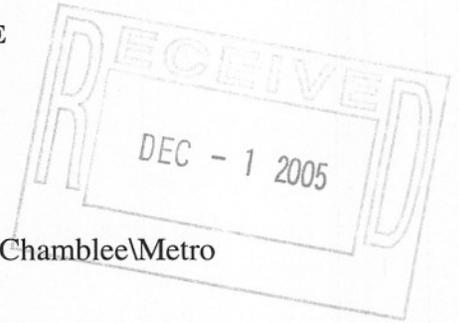
Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Mike Lobdell, Project Manager
Georgia Department of Transportation
District 7
5025 New Peachtree Road
Chamblee, Georgia 30341
E-mail: mike.lobdell@dot.state.ga.us
Phone: (770) 986-1050

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.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE



FILE: CM-0000-00(643)
Fulton County
Shannon Parkway- CMAQ
P.I. # 0000643

OFFICE: Chamblee\Metro

DATE: November 30, 2005

FROM: ^{WJG} Bryant Poole, District Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: *PROJECT CONCEPT REPORT*

Attached is the original copy of the concept report for your further handling for approval in accordance with the PDP.

If you have any questions in regards to this concept, please contact Lowell James or Gerald Ford at (404) 463-4947.

BG\BCC\loj

cc: Joe Palladi
Jamie Simpson
Harvey Keeper
Keith Golden
David Mulling
File

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

SHANNON PARKWAY - CMAQ

Project Number: CM-0000-00(643)

County: Fulton

P. I. Number: 0000643

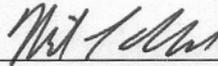
Federal Route Number: N/A

State Route Number: N/A

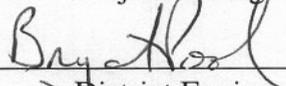
See Page 2 for Location Sketch

Recommendation for approval:

DATE 11/28/05


Project Manager

DATE 11/29/05


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 & Design Engineer

DATE _____

Project Review Engineer

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 improvements will establish safe transportation routes for pedestrians and cyclists. By providing the citizens and visitors with a viable alternative to vehicular travel, the predicted benefits include reduction in both vehicle emissions and congestion, as well as improving overall air quality.

Description of the proposed project:

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 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.

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

This project does not add capacity to road.

PDP Classification:

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: (2006) N/A Design Year: (2026) N/A

- Structures:
 - Bridges
 - Retaining walls N/A
- Major intersections and interchanges.

Shannon Parkway Intersects SR 138 at the beginning of the project, and Flat Shoals Road at the end of the project.

- Traffic control during construction:

Traffic will be maintained during construction by placing barriers along the construction zone on Shannon Parkway to protect the working area.

- 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)

- Design Variances. None Expected
- Environmental concerns: None Expected
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No () ,
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (None), or
 - Environmental Impact Statement (EIS) (None).
- Utility involvements:

Georgia Power Company (electricity), Atlanta Gas Light Company (natural gas), Union City (water/sanitary sewer), Bell South (telephone), Comcast (cable), City of Fairburn (fiber optic).

Project responsibilities:

- Design, Union City
- Right of Way Acquisition, Union City
- Relocation of Utilities, Union City
- Letting to contract, Union City
- Supervision of construction, Union City
- Providing material pits, Union City
- Providing detours. N/A

Coordination

- Initial Concept Meeting date and brief summary. ~~Attach minutes.~~
- Concept meeting date and brief summary. ~~Attach minutes.~~
- P. A. R. meetings, dates and results.
- FEMA, USCG, and/or TVA N/A
- Public involvement.
- Local government comments. N/A
- Other projects in the area.

TEA Project No. TEE-0006-00(644) and CMAQ Project No. CM-0000-00(641), CM-0000-00(642), are located within a mile radius of the project.

- Other coordination to date. None

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 4 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: N/A Months.
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 6 Months.
- List other major items that will affect the project schedule: N/A Months.
None Anticipated

Other alternates considered:

The only other alternative considered was not building the project.

Comments: N/A

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Project Specific Map,
3. Typical section,
4. Location and Design Notice (On Minor Projects)

Attachment 1

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CM-0000-00(643)

COUNTY: Fulton

DATE: November 22, 2005

ESTIMATED LETTING DATE:

PREPARED BY: Bron Cleveland Associates, Inc.

PROJECT LENGTH: 6410 FT (1.23 miles)

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT) 0.685 Acres @ \$144,148 / Acre	\$ 98,742
2. DISPLACEMENTS: RES:0; BUS:0; M.H.:0	\$ -
3. OTHER COST (ADM./COST, INFLATION)	\$ -
SUBTOTAL A:	\$ 98,742
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	
2. TRANSMISSION LINES	\$ -
3. SERVICES	
SUBTOTAL B:	\$ -
C. CONSTRUCTION	
1. MAJOR STRUCTURES	
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:	\$ -
2. GRADING AND DRAINAGE:	
a. EARTHWORK--3,710 CuYds--Shannon Parkway @ \$4.35/CY	\$ 16,139
b. DRAINAGE:	
1) Replacing pipes and Inlets	\$ 20,000
SUBTOTAL C-2:	\$ 36,139

Attachment 1 (continued)

3. BASE AND PAVING:		
a. ASPHALT PAVING: 1.5" Asph. Surface- 0 TN @ \$36.06/TN	\$	-
4" Asphalt Surface--0 TN	\$	-
Tack Coat-- 0 gallons @ \$0.91	\$	-
Gross Aggr Base: 6"-- 0 SY-@ \$7.00/SY	\$	-
Curb and Gutter: Type 7-- 5118 LF-@ \$21.80/LF	\$	111,572
SUBTOTAL C-3.a		\$ 111,572
b. Reinforce Concrete Approach Slab 0 SY@ \$116.83/SY	\$	-
c. PERMANENT GRASSING--1.53 Ac @ \$2,800/AC (65 LB/Ac)	\$	4,284
d. AG. LIME--1.53 Ac @ \$52.80/TN (1.0 TN/Ac)	\$	81
e. Fertilizer mixed grade--1.53 Ac @ \$236.67/TN (0.22TN/Ac)	\$	80
f. Fertilizer Nitrogen Content-- 1.53 Ac @ \$1.37/LB (50 LB/Ac)	\$	105
SUBTOTAL C-3:		\$ 116,122
4. LUMP ITEMS:		
a. EROSION CONTROL	\$	20,000
b. TRAFFIC CONTROL	\$	50,000
SUBTOTAL C-4:		\$ 70,000
5. MISCELLANEOUS:		
a. SIGNING & MARKING - 52,778 lf (0.2\$/LF)	\$	23,468
b. GUARDRAIL - Install new guardrail 0 LF @ \$49.51/LF	\$	-
SUBTOTAL C-5:		\$ 23,468
6. SPECIAL FEATURES		
4" Sidewalks - 6410 lf, 5 ft wide = 32050 sf = 3562 sy (\$34.35/SY)	\$	122,355
Pavers - sf (\$13.38/sf)	\$	-
Street Lights - 63 ea (\$1645/ea)	\$	103,635
SUBTOTAL C-6:		\$ 225,990
SUBTOTAL C:		\$ 471,719

Attachment 1 (continued)

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY	\$	98,742
B. REIMBURSABLE UTILITIES	\$	-
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$	-
2. GRADING AND DRAINAGE:	\$	36,139
3. BASE AND PAVING:	\$	116,122
4. LUMP ITEMS:	\$	70,000
5. MISCELLANEOUS:	\$	23,468
6. SPECIAL FEATURES	\$	225,990
SUBTOTAL CONSTRUCTION	\$	471,719
INFLATION (5% PER YEAR)	\$	48,351
NUMBER OF YEARS	2.0	
E. & C. (10%)	\$	52,007
TOTAL CONSTRUCTION COST	\$	572,077
GRAND TOTAL PROJECT COST	\$	670,819

Attachment 2 (Continued)
SHANNON PARKWAY CMAQ
Project CM-0000-00(643)
PI No. 0000643

Project End
Intersection of Shannon
Parkway and Flat Shoals Road



SHANNON PARKWAY

SHANNON BOULEVARD

End Typical Section 1
Begin Typical Section 2

SHANNON PARKWAY

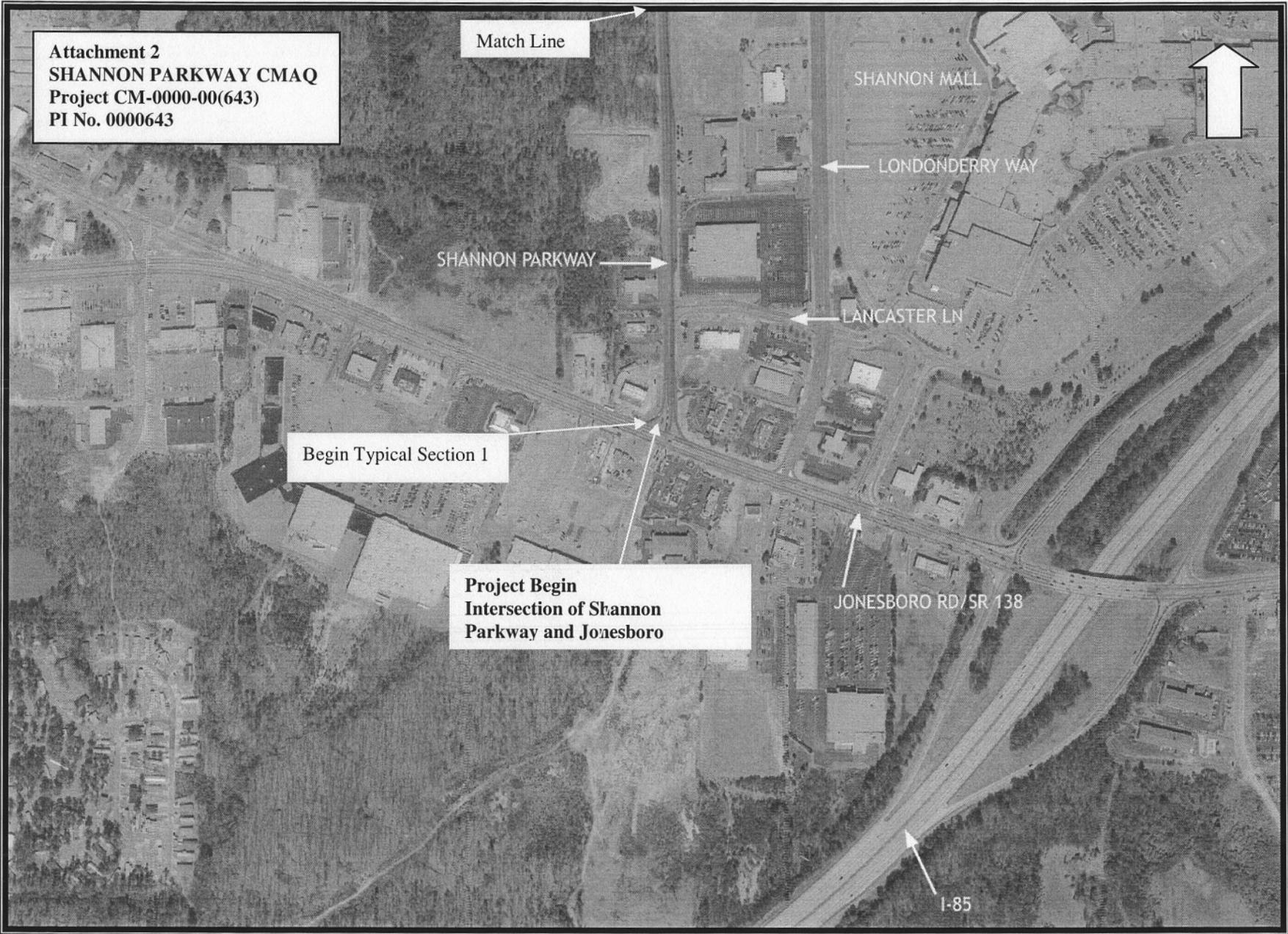
MALL BOULEVARD

LONDONDERRY WAY

SHANNON MALL

Match Line





Attachment 2
SHANNON PARKWAY CMAQ
Project CM-0000-00(643)
PI No. 0000643

Match Line

SHANNON PARKWAY

SHANNON MALL

LONDONDERRY WAY

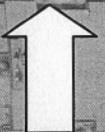
LANCASTER LN

Begin Typical Section 1

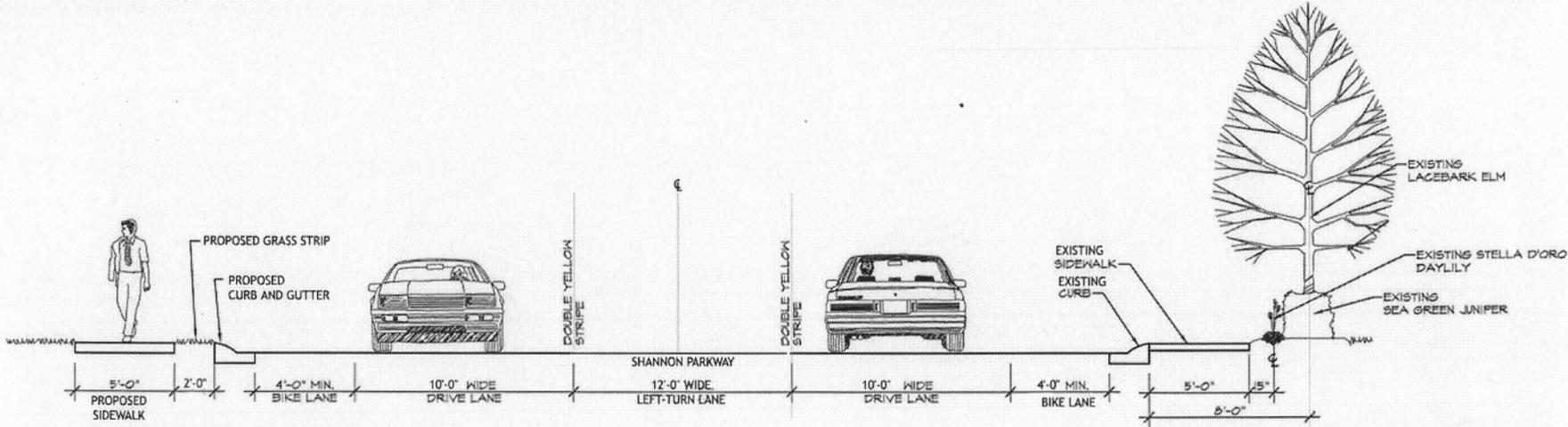
Project Begin
Intersection of Shannon
Parkway and Jonesboro

JONESBORO RD/SR 138

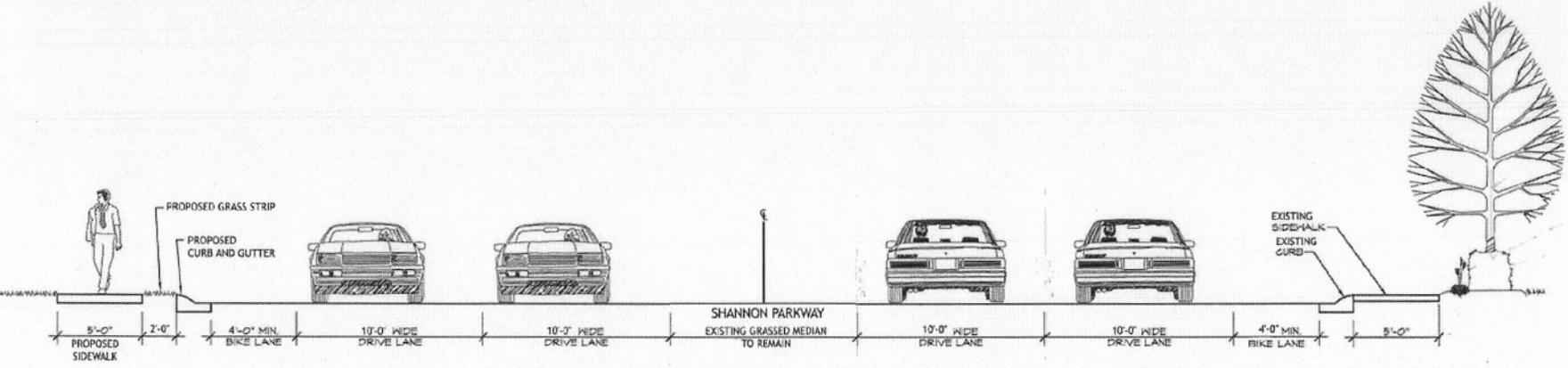
I-85



Attachment 3

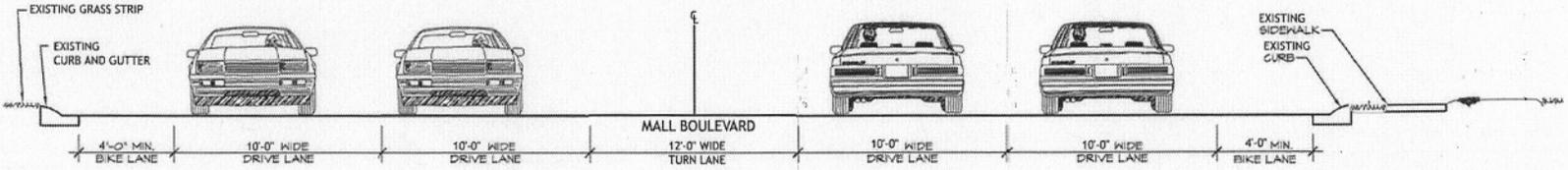


1 TYPICAL ROAD SECTION
NOT TO SCALE



2 TYPICAL ROAD SECTION
NOT TO SCALE

Attachment 3 (Continued)



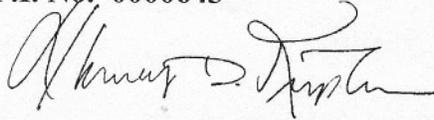
3 TYPICAL ROAD SECTION
NOT TO SCALE

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0000643

OFFICE: Environment/Location



DATE: December 2, 2005

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

TO: Margaret B. Pirkle, Assistant Director of Preconstruction

**SUBJECT: PROJECT CONCEPT REPORT
CM-0000-00(643)/ Fulton County
Shannon Parkway - CMAQ**



The above subject concept report has been reviewed. ~~Page 4 indicates 21 displacements; is this true, or, is this 21 parcels from which R/W will be required?~~ NEPA analysis previously completed as PCE will need to be re-done if displacements are accurate. We will also need to have public involvement.

21 parcels . . .

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

HDK/lc

Attachment

cc: Brian Summers
Bryant Poole
Keith Golden
Joe Palladi
Jamie Simpson

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

SHANNON PARKWAY - CMAQ

Project Number: CM-0000-00(643)

County: Fulton

P. I. Number: 0000643

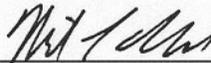
Federal Route Number: N/A

State Route Number: N/A

See Page 2 for Location Sketch

Recommendation for approval:

DATE 11/28/05



Project Manager

DATE 11/29/05



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 12-12-05



State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

SHANNON PARKWAY - CMAQ

Project Number: CM-0000-00(643)

County: Fulton

P. I. Number: 0000643

Federal Route Number: N/A

State Route Number: N/A

See Page 2 for Location Sketch

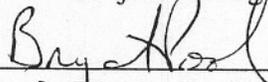
Recommendation for approval:

DATE 11/28/05



Project Manager

DATE 11/29/05



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 12/12/05



State Transportation Planning Administrator

DATE _____

State Transportation Financial Management
Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

SHANNON PARKWAY - CMAQ

Project Number: CM-0000-00(643)

County: Fulton

P. I. Number: 0000643

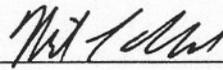
Federal Route Number: N/A

State Route Number: N/A

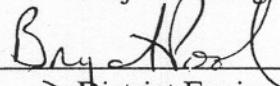
See Page 2 for Location Sketch

Recommendation for approval:

DATE 11/28/05


Project Manager

DATE 11/29/05

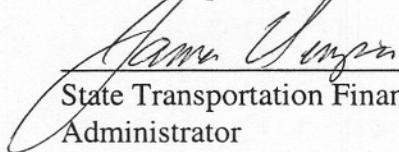

District Engineer

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 11-30-05


State Transportation Financial Management
Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer