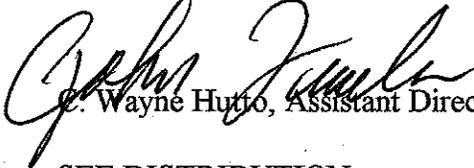


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-7532-00(650) DeKalb County **OFFICE** Preconstruction
P. I. No. 753265
DATE March 18, 2002
FROM  C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

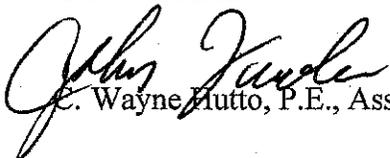
DISTRIBUTION:

David Mulling
Harvey Keeper
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Steve Henry
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-7532-00 (650) Dekalb County **OFFICE** Preconstruction
P.I. No. 753265 **DATE** March 7, 2002

FROM  J. Wayne Hutto, P.E., Assistant Director of Preconstruction

TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the intersection improvements to East Ponce DeLeon Avenue at McLendon Drive and East Ponce DeLeon Avenue and Glendale Road. The Glendale Road leg of this intersection approaches from the south and crosses a single CSX Railroad track via an at-grade crossing approximately 80' from the intersection. McLendon Drive intersects East Ponce DeLeon Avenue approximately 370' west of the Glendale intersection. Currently, vehicles traversing the railroad crossing from the north experience a steep transition from East Ponce DeLeon Avenue to the elevation of the railroad bed. Vehicles traversing this crossing from the south are required to stop on this steep grade after crossing the railroad tracks. This project will improve the safety of this crossing by reducing the grade of this approach. The existing typical section of East Ponce DeLeon Avenue, McLendon Drive and Glendale Drive consist of two, 12' lane with graded shoulders and no sidewalk. The accident rate on each of these roadways exceeds the statewide average. The majority of the accidents reported are rear end accidents. The current traffic volume on East Ponce DeLeon Avenue is 16,189 VPD. The traffic projected in the design year, 2025, is 29,070 VPD.

The proposed construction will widen East Ponce DeLeon Avenue from two lanes to three lanes to accommodate left turns and traffic signals at the intersections of McLendon Drive and Glendale Road. Additional widening will be required on McLendon and Glendale to provide left and right turn lanes at each intersection. The railroad crossing will be improved by raising the profile grade of East Ponce DeLeon Avenue. Sidewalks will be added to both sides of each road. Traffic signals will be added to the intersections of East Pnce DeLeon and Glendale; Glendale and Church Street. The new signals will be operated on a single controller that will be coordinated with the railroad-crossing signal. Traffic will be maintained during construction.

Environmental concerns include requiring a Categorical Exclusion be prepared; possible programmatic 4(F); a public information meeting has been held; time saving procedures are appropriate.

Frank L. Danchetz
Page 2

STP-7532-00 (650) Dekalb County
March 7, 2002

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E & C\$ and inflation)	702,000	\$1,522,000	2003	02-07
Right-of-Way & Utilities*	LOCAL	LOCAL		

*Dekalb County signed PMA on 8-10-01 to be responsible for PE, Right-a-Way and Utilities.

This project is in the STIP. I recommend this project concept be approved.

CWH:JDQ/cj/klp

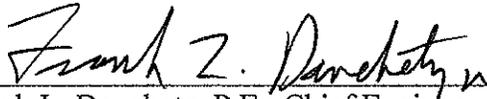
Attachment

CONCUR



Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



Frank L. Danchetz, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-7532-00(650) Dekalb
P.I. Number 753265-

OFFICE: Engineering Services

DATE: March 6, 2002

FROM: ^{OTM} David Mulling, Project Review Engineer

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT

We have reviewed the concept report submitted February 12, 2002 by the letter from Stephen T. Henry dated February 7, 2002, and have the following comments:

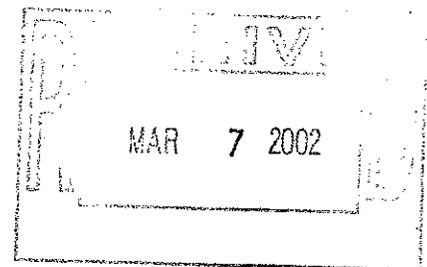
1. The cost estimate does not provide estimated quantities and unit prices for several items of work. Costs cannot be verified unless the basis for determining cost is presented.

The costs for the project are:

Construction	\$ 608,000
Inflation	\$ 30,000
E&C	\$ 64,000
Reimbursable Utilities	\$ 335,000
Right of Way	\$2,287,000

DTM

c: Steve Henry--Attention: Marshall Troup



SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-7532-00(650)		County: DEKALB		PI No.: 753265-	
Report Date: 2/7/02		Concept By: DOT Office: DISTRICT 7			
<input checked="" type="checkbox"/> CONCEPT		Consultant:			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input checked="" type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	90%	Basis for cost for several items of work not provided (estimated quantity/unit price)			
Judgement	100%				
Environmental	100%				
Right of Way	100%				
Utility	100%				
Constructability	100%				
Schedule	100%				

FEB 7 2002

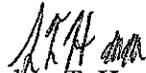
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-7532-00(650), Dekalb County
East Ponce De Leon at McLendon Drive
PI NO. 753265

OFFICE: District Seven
Chamblee

DATE: 02/07/02

FROM:  Stephen T. Henry, Metro District Engineer

TO: C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT: Concept Report Review

Attached please find the original concept report with attachments for the above referenced project. This is for your review and further handling in accordance with the Plan Development Process.

If you have any questions or comments, please contact Marshall Troup at (770) 986-1050.

Attachment(s)

STH:JKP:wsl

c: Marta Rosen
Herman Griffin
Harvey Keepler
Marion Waters
David Mulling
File

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

PROJECT CONCEPT REPORT

Project Number: STP-7532-00(650)
County: Dekalb
P. I. Number: 753265
East Ponce De Leon at McLendon Drive
Federal Route Number: N/A
State Route Number: N/A

Recommendation for approval:

Date 2-8-02



Project Manager

The 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 _____

State Transportation Planning Administrator

Date _____

State Environmental/Location Engineer

Date _____

State Traffic Safety & Design Engineer

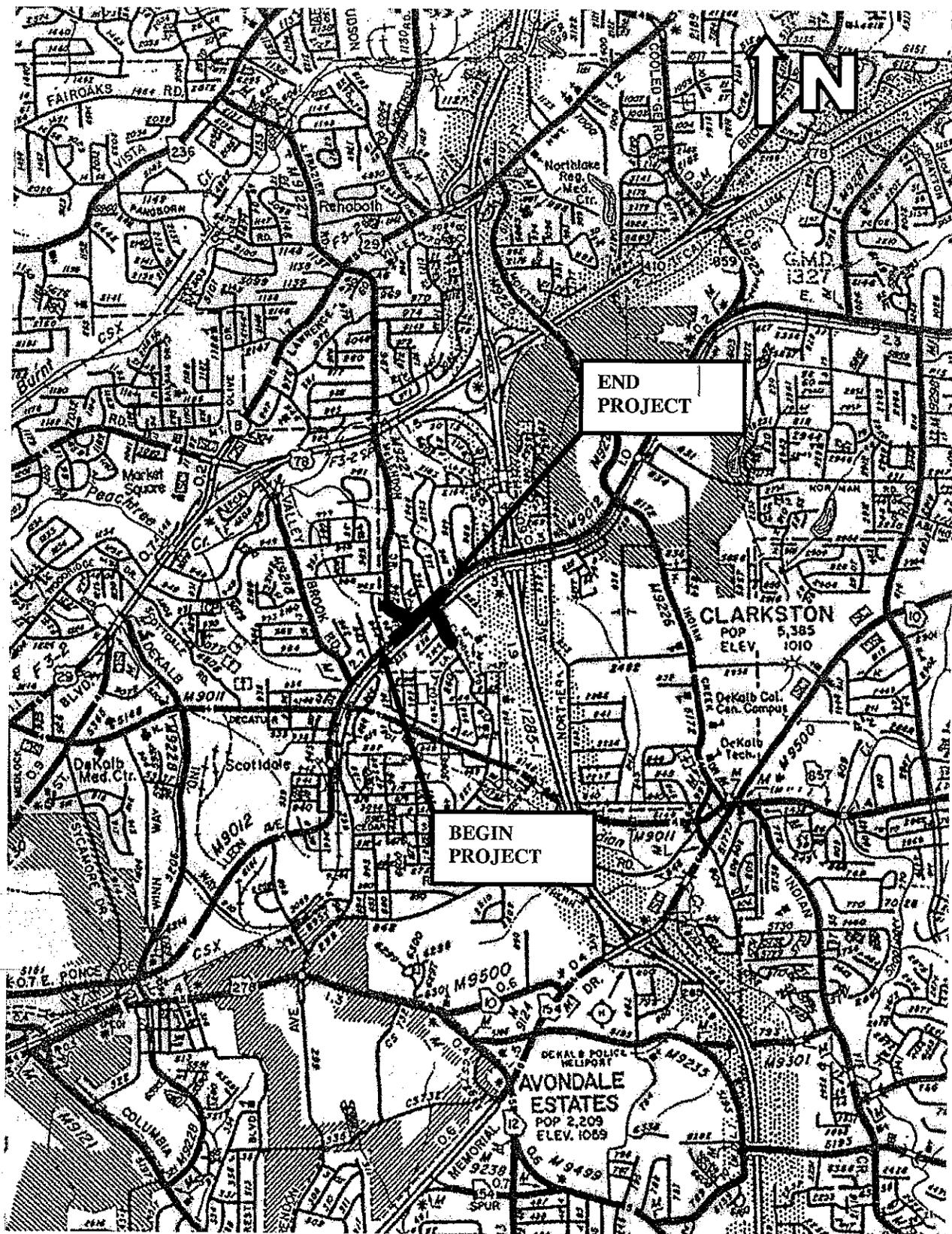
Date 2-8-02



District Engineer

Date _____

Project Review Engineer



Need and Purpose:

The Atlanta Regional Commission (ARC) adopted the 2025 Transportation Plan for the 13-county Atlanta Metropolitan area in April 2000. The Plan addresses travel needs through the year 2025. The Regional Transportation Plan (RTP) is the direct result of a comprehensive, cooperative and continuous planning process conducted by ARC, local governments and the Georgia Department of Transportation in cooperation with the Federal Highway and Federal Transit Administrations. The parameters of the proposed project are included in the RTP. Further, this project is concurrent with the Atlanta Regional Commission's Transportation Improvement Plan (TIP) and other projects included therein. DeKalb County's Transportation Improvement Plan also includes this project.

This project is proposed to increase the safety and operational efficiency of the existing T-intersection of East Ponce de Leon Avenue and McLendon Drive and that of East Ponce de Leon Avenue and Glendale Road in a growing area of DeKalb County. The Glendale Road leg of this intersection approaches from the south and crosses a single CSX railroad track via an at-grade crossing approximately 80 feet from the intersection. McLendon Drive intersects East Ponce de Leon approximately 370 feet west of the Glendale intersection. This project will improve the safety of the at-grade railroad crossing and provide a more efficient system of intersections by coordinating two new traffic signals at the intersections of East Ponce de Leon and Glendale and Glendale at Church Street with the existing signal at East Ponce de Leon and McLendon Drive. Further, this project includes right and left turn lanes with adequate storage lengths on East Ponce de Leon Avenue, McLendon Drive and Glendale Road. This will separate all traffic movements on these approaches and allow for improved signal timing and driver awareness.

The project includes the construction of sidewalks on East Ponce de Leon Avenue, McLendon Drive and Glendale Road. Pedestrian crossing signals will also be added. These improvements to the existing pedestrian facilities are vital to increasing safety and access to existing MARTA bus stops on East Ponce de Leon Avenue. The sidewalks and signals will also provide a safer link between McLendon Drive on the north side of the railroad tracks and the existing PATH greenway trail on the south side of the railroad tracks.

In addition, this project includes improvements to the existing at-grade railroad crossing between the intersections of East Ponce de Leon Avenue and Glendale Road and the intersection of Glendale Road and Church Street. The railroad crossing will be improved by raising the profile of East Ponce de Leon Avenue. Currently, vehicles traversing this crossing from the north experience a steep transition from East Ponce de Leon Avenue to the elevation of the railroad bed. Also, vehicles traversing this crossing from the south are required to stop on this steep grade after crossing the railroad tracks. The motorist must then make a turning movement decision from an uncomfortable position. This project will improve the safety of this crossing by reducing the grade of this approach.

This project also improves the safety of the existing McLendon Drive and East Ponce de Leon Avenue intersection by improving the intersecting angle of these two roadways. This will improve the sight distance of vehicles turning onto East Ponce de Leon Avenue from McLendon Drive and reduce the total width of the pedestrian crosswalk on McLendon Drive. Thus, this safety improvement benefits both motorists and pedestrians.

Need and Purpose (Continued):

The current accident data for the sections of East Ponce de Leon Avenue, Glendale Road and McLendon contained within the limits of this project are tabulated in a later section of this document. The tables illustrate that the accident rate on each of these roadways exceeds the statewide average. The majority of the accidents reported are rear end accidents. It is also important to note that there is a high accident rate at the existing East Ponce de Leon Avenue and Glendale Road intersection. Obviously, the operational safety and capacity improvements included in this project are needed.

The NO-BUILD alternative does not meet the operational safety and capacity requirements of this area. The area surrounding this project is comprised of both residential and commercial development. The current traffic volume on East Ponce de Leon Avenue is 16,189 vehicles per day. The traffic expected in the design year, 2025, is 29,070 vehicles per day. The no build alternative would result in Level of Service (LOS) F at all three intersections contained within the project corridor. The preferred alternative will yield a LOS C at the intersection of McLendon Drive and East Ponce de Leon Avenue, a LOS C at the Glendale Road and East Ponce de Leon Avenue intersection, and a LOS E at the Church Street and Glendale Road intersection.

Description of the proposed project:

This project consists of widening East Ponce de Leon Avenue from two lanes to three lanes to accommodate left turns and traffic signals at the intersections of McLendon Drive and Glendale Road. Additional lanes will be required on McLendon and Glendale. Sidewalks will be added to both sides of each road. Traffic signals will be added to the intersections of East Ponce de Leon and Glendale and Glendale at Church Street. The new signals will be operated on a single controller that will be coordinated with the railroad-crossing signal. Further, the new signals will be coordinated with the existing signal at East Ponce de Leon Avenue and McLendon Drive.

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

PDP Classification: Minor Project

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

Functional Classification:

- East Ponce de Leon Avenue: Minor Arterial
- McLendon Drive: Collector Street
- Glendale Road: Local Road
- Church Street: Local Road

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

State Route Number(s): N/A

Traffic (AADT):

ROAD	OPENING YEAR (2003)	DESIGN YEAR (2023)
East Ponce de Leon Avenue	20,530	28,210
McLendon Drive	8,720	11,995
Glendale Road	8,420	11,435
Church Street	15,715	21,220

Accident Data:

EAST PONCE DE LEON AVENUE (Mile Post 3.89 to 4.60)						
Year	Accidents		Fatalities		Injuries	
	Number	Rate	Number	Rate	Number	Rate
1995	29	780 (549)	0	0 (1.39)	15	403 (263)
1996	34	896 (525)	0	0 (1.56)	4	105 (246)
1997	31	801 (549)	0	0 (1.41)	9	233 (249)

- Notes: 1. All rates are per 100 million vehicle miles traveled.
 2. The numbers in parenthesis are statewide averages for Urban Minor Arterial.

GLENDALE ROAD (Mile Post 0.96 to 1.41)						
Year	Accidents		Fatalities		Injuries	
	Number	Rate	Number	Rate	Number	Rate
1995	11	2225 (647)	0	0 (1.67)	7	1416 (267)
1996	8	1587 (628)	0	0 (1.50)	1	198 (256)
1997	10	1945 (586)	0	0 (1.18)	6	1167 (229)

- Notes: 1. All rates are per 100 million vehicle miles traveled.
 2. The numbers in parenthesis are statewide averages for Urban Local Road.

McLENDON DRIVE (Mile Post 0.00 to 0.20)						
Year	Accidents		Fatalities		Injuries	
	Number	Rate	Number	Rate	Number	Rate
1995	4	1250 (467)	0	0 (1.20)	0	0 (218)
1996	9	2785 (461)	0	0 (1.31)	3	919 (204)
1997	9	2704 (479)	0	0 (1.35)	5	1502 (205)

- Notes: 1. All rates are per 100 million vehicle miles traveled.
 2. The numbers in parenthesis are statewide averages for Urban Collector Street.

EAST PONCE DE LEON AVENUE and GLENDALE ROAD INTERSECTION			
YEAR	Accidents	Fatalities	Injuries
1995	11	0	7
1996	6	0	1
1997	9	0	5

Existing design features (Continued):

Glendale Road

- Typical Section:
 - Two 12' lanes
 - Graded shoulder
- Posted speed: 35 mph Maximum degree of curvature: 3° 00'
- Maximum grade: 8.5 %
- Width of right of way: 40'
- Major structures: None
- Major interchanges or intersections along the project: Church St., E. Ponce de Leon Ave.
- Existing length of roadway segment and the beginning mile logs for each county segment: 0.10 mile; Beginning mile log 0141

Church Street

- Typical Section:
 - Two 12' lanes
 - Curb & gutter
- Posted speed: 35 mph Maximum degree of curvature: Tangent
- Maximum grade: 2.5 %
- Width of right of way: 50'
- Major structures: None
- Major interchanges or intersections along the project: Glendale Road
- Existing length of roadway segment and the beginning mile logs for each county segment: 0.04 mile; Beginning mile log 0086 (Glendale Road)

Proposed Design Features:

- Proposed typical sections:

East Ponce de Leon Avenue

- Two 12' lanes
- 12' urban shoulders with 30" curb & gutter and 5' sidewalks
- Left and right turn lanes provided at both intersections
- Proposed Design Speed: 45 mph
- Proposed Maximum grade: 4.5% Maximum grade allowable: 8.0%
- Proposed Maximum grade driveway: 11.0%
- Proposed Maximum degree of curve: tangent Maximum degree allowable: 8° 00'
- Right of way width: Varies 48' to 84'

Proposed Design Features (Continued):

McLendon Drive

- o Two 12' lanes
- o 10' urban shoulders with 30" curb & gutter
- o Left and right turn lanes provided at intersection
- o Proposed Design Speed: 35 mph
- o Proposed Maximum grade: 3.0% Maximum grade allowable: 10.0%
- o Proposed Maximum grade driveway: 11.0%
- o Proposed Maximum degree of curve: 8° 00' Maximum degree allowable: 8° 00'
- o Right of way width: Varies 44' to 56'

Glendale Road

- o Two 12' lanes
- o 10' urban shoulders with 30" curb & gutter
- o Left and right turn lanes provided at intersection
- o Proposed Design Speed: 35 mph
- o Proposed Maximum grade: 8.5% Maximum grade allowable: 10.0%
- o Proposed Maximum grade driveway: 11.0%
- o Proposed Maximum degree of curve: 8° 00' Maximum degree allowable: 8° 00'
- o Right of way width: Varies 44' to 68'

Church Street

- o Two 12' lanes
- o 10' urban shoulders with 30" curb & gutter
- o Left and right turn lanes provided at intersection
- o Proposed Design Speed: 35 mph
- o Proposed Maximum grade: 2.5% Maximum grade allowable: 10.0%
- o Proposed Maximum grade driveway: 11.0%
- o Proposed Maximum degree of curve: tangent Maximum degree allowable: 8° 00'
- o Right of way width: 50' Minimum

- Right of way:
 - o Easements: Temporary (X), Permanent (X), Utility (), Other ().
 - o Type of access control: Full (), Partial (), By Permit (X), Other ().
 - o Number of parcels: 18 Number of displacements: 0
- Structures:
 - o None
- Major intersections and interchanges:
 - o McLendon Drive
 - o Glendale Road
 - o Church Street
- Traffic control during construction:
 - o Current traffic flow and configuration will be maintained.

Proposed Design Features (Continued):

- 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 anticipated.
- Environmental concerns: Possible programmatic 4(f)
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements:
 - Georgia Power Company
 - CSX Railroad
 - Atlanta Gas Light
 - Bellsouth Telecommunications
 - DeKalb County Department of Water and Sewer

Project responsibilities:

- Design: DeKalb County – Jordan, Jones & Goulding, Inc
- Right of Way Acquisition: DeKalb County
- Relocation of Utilities: DeKalb County
- Letting to contract: Georgia DOT
- Supervision of construction: Georgia DOT
- Providing material pits: N/A
- Providing detours: N/A
- On-site construction staging: Construction Contractor

Coordination

- Concept meeting date and brief summary. Attach minutes.
- P. A. R. meetings, dates and results: N/A
- FEMA, USCG, and/or TVA
- Public involvement:
 - A public information meeting was held on September 27, 2001. The overall response to the project was positive. Several attendees stressed the need to close the existing at-grade crossing and construct a grade separation in lieu of this project.
- Local government comments: DeKalb County is responsible for PE, reimbursable utility relocation and R/W acquisition
- Other projects in the area: None
- Other coordination to date:
 - A meeting was held on September 19, 2001, at the GA DOT District 7 Office to discuss the concept with GA DOT personnel and to explain DeKalb County's plans to contract the design of the project. The alternatives were discussed and GA DOT decided that the intersection improvement alternative would be used for the concept report.
 - A meeting was held on August 7, 2001, at the DeKalb County Office of Community Development to introduce the concept to their personnel, and to make sure this project did not conflict with any future development or community issues.
 - Future Passenger Rail Corridor: Yes _____ No X

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 6 Months
- Time to complete preliminary construction plans: 6 Months
- Time to complete right of way plans: 2 Months
- Time to complete the Section 404 Permit: N/A Months
- Time to complete final construction plans: 8 Months
- Time to complete to purchase right of way: 10 Months
- Time to complete CSX railroad agreement: 12 Months

Other alternates considered:

- **Grade separation at McLendon Drive:** This design involves realigning Glendale Road with McLendon Drive and bridging the railroad over the intersection of these two roads. This alternative would not be cost effective. The design and construction would be approximately \$5 million more than the preferred alternative. Also, three businesses would be displaced, and the construction staging and railroad detour would lengthen the construction time.
- **No Build:** This alternative does not meet the operational safety and capacity requirements of this area.

Project Concept Report - Page 11
Project Number: STP-7532-00(650)
P. I. Number: 753265
County: DeKalb

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Typical sections
3. Capacity analysis
4. Minutes of Initial Concept and Concept meetings
5. Public Informational Meeting hand-out
6. L & D Notice

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-7532-00(650)

COUNTY: DeKalb

DATE: June 2001

ESTIMATED LETTING DATE: June 2003

PREPARED BY: Ramsey

PROJECT LENGTH: 0.5 Miles

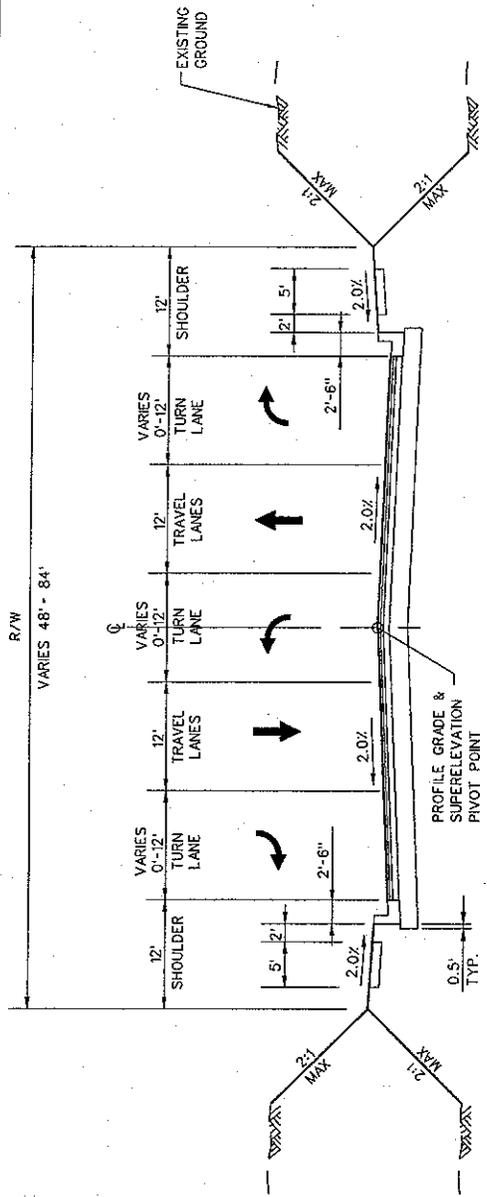
() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 2,287,353
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	\$ -
3. OTHER COST (ADM./COST, INFLATION)	\$ -
SUBTOTAL: A	\$ 2,287,353
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 135,000
2. TRANSMISSION LINES	\$ 100,000
3. SERVICES	\$ 100,000
SUBTOTAL: B	\$ 335,000
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. BRIDGES	
Grade Separations (Railroad)	\$ -
Stream Crossings (0)	\$ -
SUBTOTAL: C-1.a	\$ -
b. OTHER	
Walls	\$ -
Box Culverts	\$ -
Bridge Culverts (0)	\$ -
SUBTOTAL: C-1.b	\$ -
SUBTOTAL: C-1	\$ -
2. GRADING AND DRAINAGE:	
a. EARTHWORK	
In Place Embankment	4,500 CY @ \$3.99 \$ 17,955
b. DRAINAGE	
1) Cross Drain Pipe	\$ 64,750
2) Curb and Gutter	\$ 77,752
3) Longitudinal System (incl. catch basins)	\$ 77,700
SUBTOTAL: C-2.b	\$ 220,202

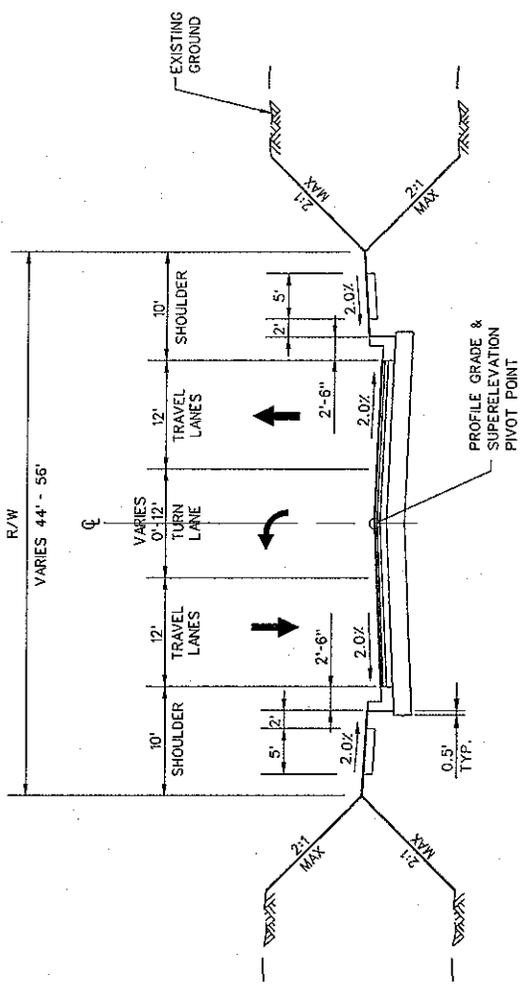
SUBTOTAL: C-2		\$ 238,157
3. BASE AND PAVING:		
a. AGGREGATE BASE	883 Tons @ \$22.71	\$ 20,057
b. ASPHALT PAVING (Mainline & Cross-Roads):		
Drainage - Type D	- Tons @ \$50.8	\$ -
Surface - SMA	- Tons @ \$54.93	\$ -
Surface - Superpave	85 Tons @ \$56.74	\$ 4,839
Binder - SMA	- Tons @ \$75.87	\$ -
Binder - Superpave	116 Tons @ \$38.43	\$ 4,450
Base - Superpave	232 Tons @ \$46.17	\$ 10,690
Pavement Reinf. Fabric Strips	5,180 Lane Ft @ \$2.84	\$ 14,711
		\$ 34,690
c. CONCRETE PAVING	- SY @ \$33.57	\$ -
d. OTHER (Leveling, Tack Coat, Milling)		\$ 4,177
SUBTOTAL: C-3		\$ 58,924
4. LUMP ITEMS		
a. GRASSING		\$ 1,780
b. CLEARING AND GRUBBING		\$ 1,703
c. LANDSCAPING		\$ -
d. EROSION CONTROL		\$ 34,768
e. TRAFFIC CONTROL		\$ 33,100
SUBTOTAL: C-4		\$ 71,351
5. MISCELLANEOUS:		
a. LIGHTING		\$ -
b. SIGNING - MARKING - SIGNALIZATION		\$ 230,180
c. GUARDRAIL		
Single-Faced		\$ -
Double-Faced		\$ -
Anchors		\$ -
SUBTOTAL: C-5.c		\$ -
d. SIDEWALK		\$ 1,393
e. MEDIAN / SIDE BARRIER	- LF @ \$32.03	\$ -
f. MOVABLE BARRIER SECTION		\$ -
g. ACCESS FENCE		\$ -
h. BRIDGE JACKING		\$ -
i. APPROACH SLABS		\$ -
j. REMOVAL		
Concrete Paving		\$ -
Bridges		\$ -
SUBTOTAL: C-5.j		\$ -
k. ATMS Conduit	- LF @ \$37.78	\$ -

I. OTHER		\$ 7,770
	SUBTOTAL: C-5	\$ 239,343
6. RAILROAD DETOUR		
	SUBTOTAL: C-6	\$ -
SUMMARY		
A. RIGHT-OF-WAY		\$ 2,287,353
B. REIMBURSABLE UTILITIES		\$ 335,000
C. CONSTRUCTION		
1. MAJOR STRUCTURES		\$ -
2. GRADING AND DRAINAGE		\$ 238,157
3. BASE AND PAVING		\$ 58,924
4. LUMP ITEMS		\$ 71,351
5. MISCELLANEOUS		\$ 239,343
6. RAILROAD DETOUR		\$ -
SUBTOTAL CONSTRUCTION COST		\$ 607,775
E. & C. (10%)		\$ 60,778
INFLATION (5% PER YEAR)		\$ 30,389
NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST		\$ 698,941
GRAND TOTAL PROJECT COST		
		\$ 3,321,294

STATE	PROJECT NUMBER	SHEET TOTAL
GA	STP-7532-00 (65/0)	



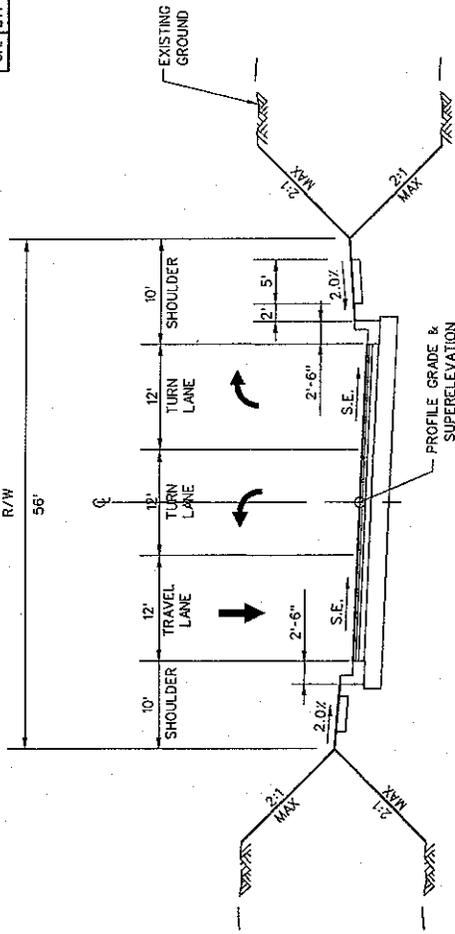
TYPICAL SECTION 1
TANGENT SECTION
EAST PONCE DE LEON AVENUE
N.T.S.



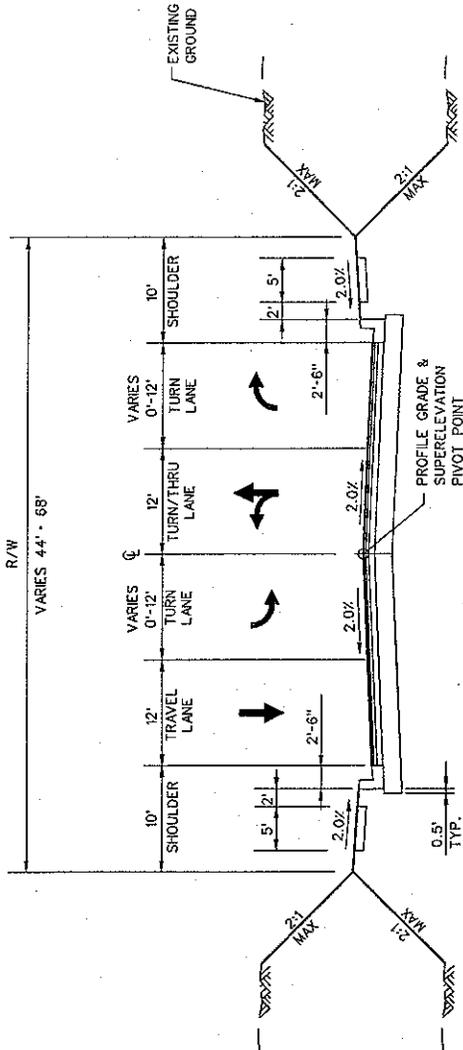
TYPICAL SECTION 2
TANGENT SECTION
McLENDON DRIVE
N.T.S.

EAST PONCE DE LEON AT McLENDON DRIVE INTERSECTION IMPROVEMENTS		TYPICAL SECTIONS	
DESIGNED BY	DATE	SCALE	SHEET
Jordan Jones & Goulding	DESCRIPTION OF REVISION	AS SHOWN	4.01
NOT RELEASED FOR CONSTRUCTION			
ROADS AND DRAINAGE DEKALB COUNTY, GEORGIA			
			

STATE	PROJECT NUMBER	SHEET NO.	TOTAL
GA.	STP-7532-00 (6550)		



TYPICAL SECTION 3
 SUPERELEVATION
 McLENDON DRIVE
 N.T.S.



TYPICAL SECTION 4
 TANGENT SECTION
 GLENDALE ROAD
 N.T.S.

EAST PONCE DE LEON AT McLENDON DRIVE INTERSECTION IMPROVEMENTS		TYPICAL SECTIONS	
DESIGNED FOR	CHECKED	DATE	4.02
DRAWN FOR	DATE	SCALE	AS SHOWN
NO.	DATE	DESCRIPTION OF REVISION	REV.

NOT RELEASED FOR
 NOT REPRODUCED

ROADS AND DRAINAGE
 DEKALB COUNTY, GEORGIA



Jordan Jones & Boulding



JORDAN
JONES &
GOULDING

MEMORANDUM

DATE: November 7, 2001
TO: Distribution
FROM: Bonnie Peacock
SUBJECT: Concept Meeting
Project STP-7532-00(650), DeKalb County, P.I. No. 753265

A concept meeting for the subject project was held at the Georgia Department of Transportation District 7 Office on November 7, 2001. The meeting began at approximately 10:00 a.m. The following individuals were in attendance:

Pam Black, GDOT
Robert Crawford, GDOT Dist. 7
Dan Hall, DeKalb County
Scott Lee, GDOT
Chris Marsengill, JJG
Melanie Orr, GDOT OEL
Thomas Parker, GDOT
Bonnie Peacock, JJG

David Pelton, DeKalb County
Tram-Anh Pham, GDOT Dist. 7
Key Phillips, GDOT Dist. 7
Greg Ramsey, JJG
Marshall Troup, GDOT Dist. 7
Eleanor Smith, GDOT Dist. 7
Sharon Witherspoon, GDOT
Taylor Wright, PBS&J/DeKalb County

The meeting began with attendee introductions, followed by a project overview by Chris Marsengill. Chris stated that the project is basically a safety and operational improvement to the intersections of McLendon Drive and East Ponce de Leon Avenue and Glendale Road and East Ponce de Leon Avenue. The project will improve site distances and provide left and right turn lanes at each intersection. A traffic signal exists at McLendon and East Ponce and a signal will be added at Glendale and East Ponce and at Glendale and Church Street. Sidewalks will be constructed on both sides of McLendon connecting to the existing PATH Foundation bike/pedestrian trails. The project is necessary based on accident data. All three roads (McLendon Ave., Glendale Drive, and East Ponce de Leon) exceed the statewide accident rate with the main collisions being rear end accidents.

Marshall Troup asked for comments from the group:

Utilities-

Utility reimbursement will be paid by DeKalb County. If water lines are to be moved, reimbursement costs will be placed in the contract per Taylor Wright.

Traffic Operations-

The project does not include bike lanes; however, the Path Foundation bike/pedestrian trail does exist in the project area. The question was posed to existing pedestrian signals in the project area. JJG is uncertain of existing pedestrian signals but the project will add high visibility pedestrian crosswalks and pedestrian signals at McLendon and East Ponce de Leon and Glendale and East Ponce de Leon.

Environmental-

Melanie Orr, speaking on behalf of Michelle Brouillette of GDOT Office of Environment/Location, stated that a Categorical Exclusion was the proper level of environmental documentation for the project. Melanie expressed that a Programmatic Section 4(f) evaluation may be required for adverse impacts to historic structures and the railroad. DeKalb County is aware that 4(f) may be necessary for right-of-way acquisition from Needham Park located near the intersection of McLendon Drive and East Ponce de Leon Avenue. Environmental studies are currently underway to assess project impacts.

Right-of-Way-

Preliminary survey has shown that property acquisition may be required from 18 parcels (including the railroad) with no displacements. DeKalb County is responsible for right-of-way acquisition. Driveways will be replaced in kind.

Concern was raised by Robert (Bobby) Crawford on project costs. Currently the program cost for this project is \$75,000. Taylor agreed that these funds are low and DeKalb County is working with the Atlanta Regional Commission on supplementing the funds.

The concept report shows a project let date of 2003. GDOT has the project listed as a 2004 letting. DeKalb County will resolve this with GDOT. Because the project involves a railroad corridor, a 2003 let date may not be met.

Sequence of Construction-

Involved intersections will remain open to traffic although single lane closures may be required during construction. Construction and lane closures will be prohibited between the hours of 9:00 A.M. and 4:00 P.M.

Marshall Troup led a page by page discussion of the concept report. The following changes will be made to the concept report:

- Cover sheet-The italicized Office of Urban Design will be changed to District 7 Preconstruction. The signature line for the State Urban Design Engineer will be removed.
- Italicized text shall be removed throughout the concept report.

- Traffic volumes shall match the design year traffic date once a let date is established between GDOT and DeKalb County.
- Page 6, Existing Design Features, McLendon Drive, Maximum degree of curvature 25 00', will be removed.
- Page 8, Proposed Design Features, Glendale Road, the conflict between maximum grade allowable and proposed maximum grade will be resolved by JJG.
- Page 8, Structures, Retaining walls-No retaining walls are anticipated on this project. JJG will remove this line from the report per Key Phillips.
- Page 10, typo under Public Involvement will be corrected to September 27, 2001 from September 27, 200.
- Page 11, Attachments, L&D Attachment will be added.
- Cost Estimates-It was asked how accurate the property cost estimates are. Chris Marsengill stated that the estimates are low as well as construction costs. No cost estimate is given for guardrail because guardrail is not needed on this project.
- Typical Sections-Scott Lee requested that the typical section graphic be enlarged. The current depiction appears too small and will not reproduce well on Xerox. The graphic will be enlarged but remain on an 8 1/2 x 11 sheet.

Miscellaneous Discussion

A soil survey will be required for this project. GDOT will complete the soil survey and report. If there is any pavement overlay, pavement cores will be required. The minimum core sample required is two cores per mile. DeKalb County will be responsible for pavement coring. Soil survey and core sampling analysis must be completed prior to Final Field Plan Review.

Capacity analysis-

Scott Lee asked JJG to review the turn lane storage capacity at Tanner Drive and McLendon Drive. It is possible that Tanner Drive needs to be a right-in and right-out only at McLendon because left turning vehicles may exceed the storage capacity at the intersection of McLendon Drive and East Ponce de Leon Avenue not allowing left turns from Tanner onto McLendon. There is another access point on Tanner Drive to East Ponce de Leon.

JJG is also to review operational safety at East Avenue and East Ponce de Leon Avenue to see if weaving will occur between vehicles traveling northeast on East Ponce de Leon Avenue and right turning vehicles at the intersection of East Avenue and East Ponce de Leon Avenue.

Auxiliary lanes were studied at Glendale Road and Church Street. They were not required and therefore not included in the scope. JJG will look into left turn lanes at this intersection again.

The meeting adjourned at approximately 10:50 a.m.

DeKalb County Roads and Drainage

Public Information Meeting

September 27, 2001

East Ponce de Leon Avenue at McLendon Drive Intersection Improvements

GDOT PROJECT NO. STP-7532-00(650); P.I. NO. 753265

Welcome to tonight's Public Information Meeting (PIM). We value your input and will consider your concerns, criticisms, and suggestions in the planning process for this project. During tonight's meeting we hope you will take advantage of this opportunity to let us know your view of the proposal. As you enter the room, you will notice displays of the proposed project.

JJG, PBS&J and DeKalb County staff will be available to answer your questions, receive your comments, and discuss the project. PBS&J has been retained by DeKalb County as Program Managers and JJG has been retained as the design consultant for this project.

Comments Welcome

A court reporter will be available for those persons who would like to make a verbal statement about the project. Public comments are welcomed regarding the design of this project. Please use the Public Meeting Comment Sheet provided. You may leave your comments with us tonight or mail them to the following address within two weeks of tonight's meeting:

Jordan, Jones & Goulding
6801 Governors Lake Parkway
Norcross, GA 30071
Attn: Chris Marsengill

All comments will be made a part of the project record. We hope you will take advantage of these opportunities to let the county know your view of the proposal.

The displays and plans will be available for review for ten days after the meeting at the Georgia Department of Transportation, District 7, located at 5025 New Peachtree Road, Chamblee, GA. A copy of all comments received will be available for public review at this same location and at the Office of Environment/Location, 3993 Aviation Circle, Atlanta, as soon as compilation is completed.

Again, thank you for attending this meeting and for giving us your comments.

PROJECT DESCRIPTION

Project STP-7532-00(650), DeKalb County, as proposed, would consist of intersection improvements to East Ponce de Leon Avenue at McLendon Drive and East Ponce de Leon Avenue at Glendale Road.

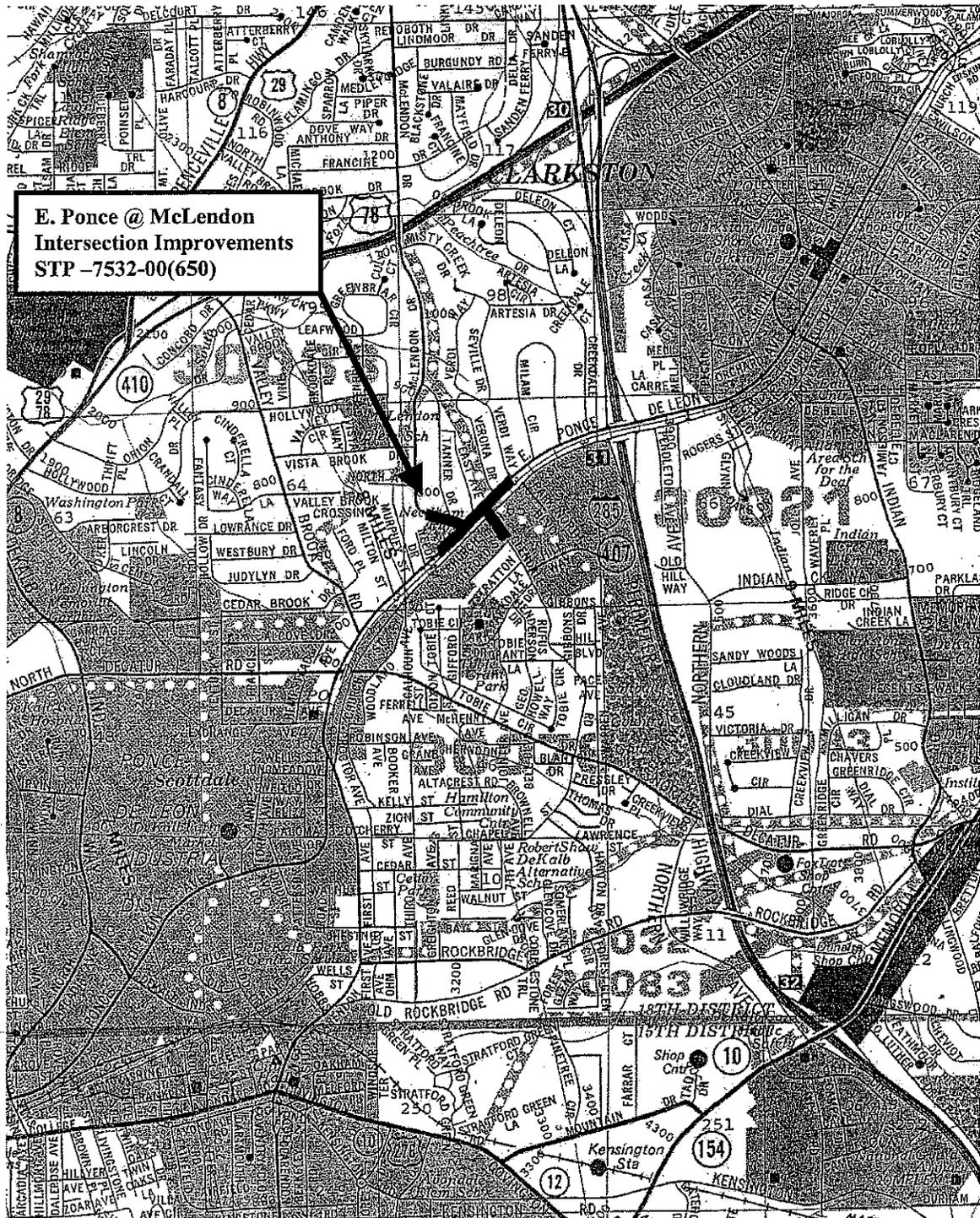
The existing typical section for East Ponce de Leon Avenue consists of two 12-foot wide through lanes moving east-west. The existing roadway does not have any sidewalks or pedestrian safety signaling. The proposed typical section for East Ponce de Leon Avenue would consist of two 12-foot wide through lanes and a 12-foot wide left turn lane at the side roads, and a 12-foot wide right turn lane at Glendale Road. There will be a 12-foot wide shoulder that includes curb and gutter and a 5-foot sidewalk that will improve pedestrian safety. Pedestrian signals will be added at the intersections to allow safe movement across moving traffic. Signals will also be added on East Ponce de Leon Avenue at McLendon Drive and Glendale Road. A signal will also be added at Church Street and Glendale Road. All of the signals will have coordinated timing plans to allow fluid movement through this corridor.

The existing typical section on McLendon Drive consists of two 12-foot wide through lanes with a graded shoulder and no sidewalk. The proposed section will include two 12-foot through lanes with a 12-foot left turn lane on to East Ponce de Leon Avenue, curb and gutter, and 5-foot sidewalks on both sides of the road.

The existing typical section on Glendale Road consists of two 12-foot wide through lanes with a graded shoulder and no sidewalk. The proposed section will include two 12-foot through lanes with a 12-foot left turn lane on to East Ponce de Leon Avenue, curb and gutter, and 5-foot sidewalks on both sides of the road.

The purpose of the proposed project is to relieve congestion within the project limits and to improve traffic and pedestrian safety. The traffic flow will be improved with additional storage space for left turns and by coordinating the traffic signals to reduce the wait time of traffic at the intersections.

PROJECT LOCATION



NOTICE OF LOCATION AND DESIGN APPROVAL

STP-7532-00(650) DeKalb County

P. 1. 753265

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 this project.

The date of location approval is MARCH 18, 2002

This project is located in DeKalb County, Land Lot 65. This project is proposed to increase the safety and operational efficiency of the existing T-intersection of East Ponce de Leon Avenue and McLendon Drive and that of East Ponce de Leon Avenue and Glendale Road.

This project consists of widening East Ponce de Leon Avenue from two lanes to three lanes to accommodate left turns and traffic signals at the intersections of McLendon Drive and Glendale Road. Additional lanes will be required on McLendon and Glendale. Sidewalks will be added to both sides of each road. Traffic signals will be added to the intersections of East Ponce de Leon and Glendale and Glendale at Church Street.

Drawings or 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
thom.parker@dot.state.ga.us
805 George Luther Drive
Decatur, GA 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 Malcom
District 7 Assistant District Engineer
michael.malcom@dot.state.ga.us
5025 New Peachtree Road
Chamblee, GA 30341
770-986-1011

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**

District Seven

PROJECT CONCEPT REPORT

Project Number: STP-7532-00(650)
County: Dekalb
P. I. Number: 753265
East Ponce De Leon at McLendon Drive
Federal Route Number: N/A
State Route Number: N/A

Recommendation for approval:

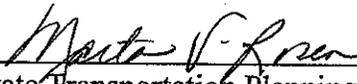
Date 2-8-02



Project Manager

The 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 2/18/02



State Transportation Planning Administrator

Date _____

State Environmental/Location Engineer

Date _____

State Traffic Safety & Design Engineer

Date 2-8-02



District Engineer

Date _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 753265

OFFICE: Environment/Location

DATE: February 22, 2002

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

TO: ~~Wayne Hutto, P.E., Assistant Director of Preconstruction~~

SUBJECT: **PROJECT CONCEPT REPORT**
STP-7532-00(650), DEKALB COUNTY

The above subject concept report has been reviewed. Page 10 – After “FEMA, USCG, and /or TVA” should state “N/A”. Page 9 – Should say “Level of Environmental Analysis” is anticipated. High probability of historic impacts on houses and RR; if there are, will require consideration of avoidance and/or minimization.

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

HDK/rtt

Attachment

cc: David Mulling
Stephen Henry

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

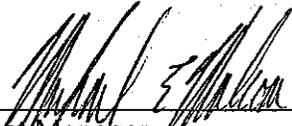
District Seven

PROJECT CONCEPT REPORT

Project Number: STP-7532-00(650)
County: Dekalb
P. I. Number: 753265
East Ponce De Leon at McLendon Drive
Federal Route Number: N/A
State Route Number: N/A

Recommendation for approval:

Date 2-8-02

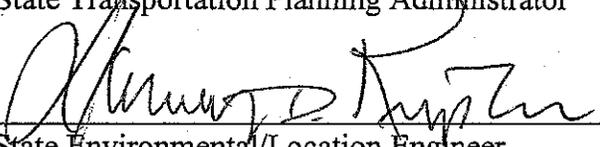

Project Manager

The 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 _____

State Transportation Planning Administrator

Date 2/18/02


State Environmental/Location Engineer

Date _____

State Traffic Safety & Design Engineer

Date 2-8-02


District Engineer

Date _____

Project Review Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP-7532-00(650), DeKalb County
P.I. No. 753265

Office: Traffic Safety & Design
Atlanta, Georgia
Date: February 21, 2002

From: *PMAW* Phillip M. Allen, State Traffic Safety and Design Engineer
To: Wayne Hutto, Assistant Director of Preconstruction
Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the proposed widening and improvements along East Ponce de Leon Avenue at the intersections of McLendon Drive and Glendale Road in DeKalb County.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keeper, State Environment/Location Engineer
Michael Malcom, District Preconstruction Engineer
Attention Marshall Troup
David Mulling, State Review Engineer, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Chuck Hasty, TMC
General Files
Office Files

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

PROJECT CONCEPT REPORT

Project Number: STP-7532-00(650)
County: Dekalb
P. I. Number: 753265
East Ponce De Leon at McLendon Drive
Federal Route Number: N/A
State Route Number: N/A

Recommendation for approval:

Date 2-8-02



Project Manager

The 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).

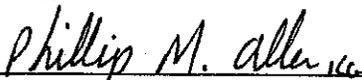
Date _____

State Transportation Planning Administrator

Date _____

State Environmental/Location Engineer

Date 2/22/02



State Traffic Safety & Design Engineer

Date 2-8-02



District Engineer

Date _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

PROJECT CONCEPT REPORT

Project Number: STP-7532-00(650)
County: Dekalb
P. I. Number: 753265
East Ponce De Leon at McLendon Drive
Federal Route Number: N/A
State Route Number: N/A

Recommendation for approval:

Date 2-8-02



Project Manager

The 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 _____

State Transportation Planning Administrator

Date _____

State Environmental/Location Engineer

Date _____

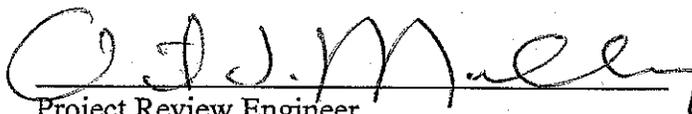
State Traffic Safety & Design Engineer

Date 2-8-02



District Engineer

Date 3/6/02



Project Review Engineer