

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #142230-
STP00-0343-00(001)
Clarke County
CR 127/Old Hull Road

OFFICE Design Policy & Support

DATE February 24, 2010

FROM  Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED REVISED CONCEPT AND LOCATION AND DESIGN REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Ron Wishon, State Project Review Engineer
Glenn Bowman, State Environmental Administrator
Ken Thompson, Statewide Location Bureau Chief
Michael Henry, Systems & Classification Branch Chief
Keith Golden, State Traffic Operations Engineer
Angela Alexander, State Transportation Planning Administrator
Paul Liles, State Bridge Engineer
Bobby Hilliard, State Program Delivery Engineer
Angela Robinson, Financial Management Administrator
Robert Mahoney, District Preconstruction Engineer
Todd McDuffie, Acting Gainesville District Engineer
Justin Lott, Project Manager
BOARD MEMBER



Revised Project Concept Report Transmittal Letter

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP00-0343-00(001), Clarke County
P.I. Number 142230
CR 127/Old Hull Road

OFFICE: District One

DATE: December 7, 2009

FROM: *Todd McDuffie (Signature)*
Todd McDuffie, Acting District Engineer

TO: Genetha Rice-Singleton, Program Control Administrator

SUBJECT: Revised Project Concept Report

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 approved concept for this project is being revised to change the project ending terminus. The reason for this revision to the project terminus is because the Construction Phase of this project is scheduled in Long Range and the local government (Athens-Clarke County) would like to construct the intersection improvements at SR 10 Loop, Athena Drive, Calhoun Drive, and Athens Tech entrance in the near future using local funds.

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

DATE 12/10/09

Angela Alexander (Signature)
State Transportation Planning Administrator

Distribution:
Glen Bowman
Keith Golden
Ron Wishon
Todd McDuffie
Angela Whitworth
Angela Alexander

State Environmental Administrator
State Traffic Operations Engineer
Project Review Engineer
D1 Acting District Engineer
State Transportation Financial Management Administrator
State Transportation Planning Administrator

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

REVISED PROJECT CONCEPT REPORT

Need and Purpose: CR 127/Old Hull Road which is located in Athens, Clarke County, Georgia is primarily used by truck traffic originating and departing from an industrial area along Old Hull Road near the SR 10 Loop to gain access to SR 10 Loop and US 29. Additionally, commuters accessing various points of the campus associated with the University of Georgia and the Athens Area Technical Institute (Athens Tech) generate a large percentage of the traffic volumes. Old Hull road also serves as an Athens-Clarke County (ACC) Transit Route that makes a loop around Athens Tech.

The project corridor's land use on this section of Old Hull Road from North Avenue to the SR 10 Loop is primarily multi-family residential.

Throughout the corridor, Old Hull Road generally consists of two 10 to 12-foot wide travel lanes (one in each direction) with variable 0 to 3-foot grass shoulders and limited use of curb and gutter. The existing roadway typical section does not meet current AASHTO minimum design guidelines. Because of the traffic volumes and types of vehicles that use this corridor there is a need to widen CR 127/Old Hull Road to acceptable design standards, including a continuous center left turn lane, from North Avenue to Fourth Street to improve the safety and operational efficiency along Old Hull Road.

Project Location: CR 127 / Old Hull Road is located in Athens, Georgia which is in Clarke County. This project is the widening of Old Hull Road from North Avenue to SR 10 Loop for a project length of 0.62 miles.

Description of the approved concept:

PDP Classification: Major: _____ Minor: X

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

Functional Classification: Urban Collector Road

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

Traffic (AADT) as shown in the approved concept:

Base Year: (2010) 10,335

Design Year: (2030) 15,365

Updated traffic data (AADT):

Base Year: (2014) 11,400

Design Year: (2034) 16,960

Approved Programmed/Schedule:

P.E.: Local GDOT Review- 2000

R/W: Local*

Construction: LR*

* Currently requesting schedule revision for ROW March 2011 and CST March 2012.

VE Study Required Yes () No (X)

Benefit/Cost Ratio N/A, not a capacity project

Is the project located in an Ozone Non-attainment area? Yes () No (X)

Is the project in a PM2.5 Non-attainment area? Yes () No (X)

<p>Approved Features: The 1.58 mile project consists of the widening of Old Hull Road from North Avenue to SR 10 Loop and improving the intersections of Old Hull Road at Athens Perimeter Highway, Athena Drive, Calhoun Drive, and Athens Technical College to meet current roadway standards.</p> <p>From North Avenue to SR 10, which is 0.62 miles in length, proposed improvements include symmetrically widening the roadway to include two 12-foot travel lanes and a 14-foot center two-way left turn lane and the relocation of the Fourth Street / Old Hull Road intersection westward to accommodate a dedicated westbound left turn lane between the intersection and an existing bridge over SR 10</p>	<p>Proposed Features: The approved concept report is being revised to change the project ending terminus of this project. The current approved concept has a total project length of 1.58 miles. The CR 127 / Old Hull Road project consisted of widening the roadway to three lanes to include two 12-foot travel lanes and a 14-foot center two-way left turn lane for 0.62 miles from North Avenue to the realignment of the Fourth Street intersection near the SR 10 Loop. The remaining 0.96 miles of the approved concept consisted of improving four intersections (at SR 10 Loop, Athena Drive, Calhoun Drive, and Athens Tech entrance) along CR 127 / Old Hull Road from the SR 10 Loop to just west of SR 72.</p>
<p>Loop. Curb and gutter and sidewalks would be constructed along the improved roadway. New signal installations are not included in this section of the project.</p> <p>The remainder of the project corridor, which is 0.96 miles in length, will consist of improving the intersections of Old Hull Road at Athens Perimeter Highway, Athena Drive, Calhoun Drive, and Athens Technical College. Each of these intersections would be improved by adding dedicated right and left turn lanes and other improvements.</p>	<p>This revision to the approved concept report would change the project length to 0.62 miles by ending the project on Old Hull Road at the realigned intersection with Fourth Street (near SR 10 Loop) and would eliminate the proposed improvements to the four intersections mentioned above between the SR 10 Loop and SR 72. The 0.96 miles that is being removed from the concept is the distance between the four intersection improvements. There were no roadway improvements being proposed for the 0.96 mile segment except at the intersections.</p>
<p>Reason for Change: The reason for this revision to the project terminus is because the Construction Phase of this project is scheduled in Long Range and the local government (Athens-Clarke County) would like to construct the intersection improvements at SR 10 Loop, Athena Drive, Calhoun Drive, and Athens Tech entrance in the near future using local funds.</p>	

Updated Cost Estimate	
Construction including Contingencies	\$2,202,391
Fuel Adjustment	\$255,850
Right-of-Way	\$0.00
Utilities (reimbursable)	\$0.00
Utility Contingencies	\$0.00

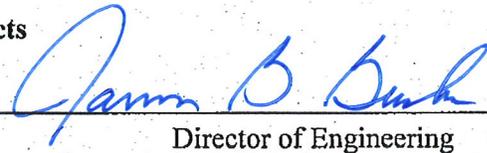
Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

Attachments:

1. Concept Drawing
2. Cost Estimate
3. Location & Design Notice

Exempt Projects

Concur:



 Director of Engineering

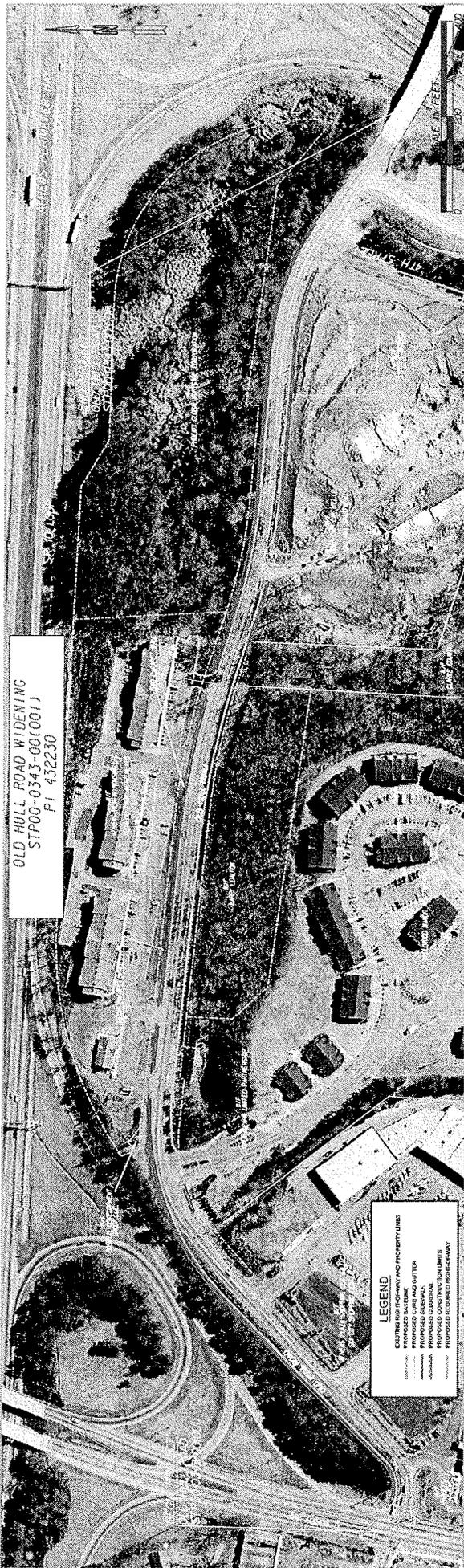
Approve:



 Chief Engineer

Date:

2/12/10



OLD HULL ROAD WIDENING
STP00-0343-00(001)
P.I. 432230

LEGEND
--- EXISTING RIGHT-OF-WAY AND PROPERTY LINES
— PROPOSED SETBACK
... PROPOSED CENTERLINE AND GUTTER
-.-.- PROPOSED EASEMENT
-.-.- PROPOSED EASEMENT
... PROPOSED PROPOSED RIGHT-OF-WAY

Old Hull Road Improvements
Widening (3-lane) Between North Ave and Athens Perimeter Hwy Bridge (GDOT Project)

PROJECT COST	
A. RIGHT-OF-WAY:	LGPA
1. PROPERTY (LAND & EASEMENT)	\$0
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	\$0
3. OTHER COST (DAMAGES, ADM. / COURT, INFL., ETC.)	\$0
SUBTOTAL: A	\$0
B. REIMBURSABLE UTILITIES:	LGPA
1. TRANSMISSION LINES	\$0
2. OVERHEAD UTILITIES	\$0
3. UNDERGROUND UTILITIES	\$0
SUBTOTAL: B	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES:	
None	\$0
SUBTOTAL: C-1	\$0
2. GRADING AND DRAINAGE:	
a. EARTHWORK INCL. BORROW	\$360,600
b. DRAINAGE	\$235,151
SUBTOTAL: C-2	\$595,751
3. BASE AND PAVING:	
a. 12" GR AGGR BASE CRS - (\$22 / SY)	\$120,670
b. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, 4" depth (\$63/ton)	\$76,022
2. Superpave Intermed Course - 19mm, 2" depth (\$68 / ton)	\$41,029
3. Superpave Surface Course - 12.5mm, 1.5" depth (\$68 / ton)	\$86,669
4. Recycled Asphalt Leveling - estimate (\$70 / ton)	\$172,624
SUBTOTAL: C-3.a	\$376,344
c. MILL EXISTING PAVEMENT (\$5 / SY)	\$49,819
SUBTOTAL: C-3	\$546,833
4. LUMP ITEMS:	
a. TRAFFIC CONTROL	\$100,000
b. CLEARING AND GRUBBING	\$100,000
c. GRASSING, INCL. FERTILIZER AND MULCH	\$18,030
d. EROSION CONTROL	\$90,150
SUBTOTAL: C-4	\$308,180
5. MISCELLANEOUS:	
a. SIGNING & STRIPING	\$30,050
b. CONCRETE CURB AND GUTTER - (24", \$12 / ft)	\$81,276
c. CONCRETE SIDEWALK - (\$34 / SY)	\$64,158
d. CONCRETE MEDIAN - (\$34 / SY)	\$0
e. TRAFFIC SIGNAL UPGRADE- (\$125,000 EA)	\$125,000
f. GUARDRAIL - (\$18 / LF)	\$20,484
g. GUARDRAIL ANCHORS, Tp 12	\$7,480
h. GUARDRAIL ANCHORS, Tp. 1	\$2,660
SUBTOTAL: C-5	\$300,484
6. SPECIAL FEATURES :	
a. Gravity Wall (\$40 / sf)	\$0
b. Parapet Wall, Tp. P2 (\$475 / LF)	\$163,875
SUBTOTAL: C-6	\$163,875

Old Hull Road Improvements
 Widening (3-lane) Between North Ave and Athens Perimeter Hwy Bridge (GDOT Project)

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY:	\$0
B. REIMBURSABLE UTILITIES:	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$595,751
3. BASE AND PAVING	\$546,833
4. LUMP ITEMS	\$308,180
5. MISCELLANEOUS	\$300,484
6. SPECIAL FEATURES	\$163,875
SUBTOTAL CONSTRUCTION COST	\$1,915,123
CONTINGENCY (10%)	\$191,512
ENGINEERING (5%)	\$95,756
FUEL ADJUSTMENT COST	\$255,850
INFLATION (to be added by GDOT)	
TOTAL CONSTRUCTION COST	\$2,458,242
TOTAL PROJECT COST (EXCLUDING R/W & UTILITY COSTS)	\$2,458,242

NOTICE OF LOCATION AND DESIGN APPROVAL

**Project STP00-0343-00(001), Clarke County
P.I. No. 142230**

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 this project.

The date of location approval is February 24, 2010

The proposed project consists of improving the CR 127/Old Hull Road corridor from the intersection of North Avenue to the realignment of the Fourth Street intersection near the SR 10 Loop. This project is located in Athens-Clarke County, Georgia Militia Districts 216 and 219.

Old Hull Road from North Avenue to the SR 10 Loop, which is 0.62 miles in length, consists of symmetrically widening the roadway to include two 12-foot travel lanes and a 14-foot center two-way left turn lane and the relocation of the Fourth Street/Old Hull Road Intersection westward to accommodate a dedicated westbound left turn lane between the intersection and an existing bridge over SR 10 Loop.

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:

Johnny Emmett
Area Engineer
Georgia Department of Transportation
jemmett@dot.ga.gov
Athens Area Office- Area Six
450 Old Hull Road
Athens, GA 30601
(706) 583-2644

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:

Robert Mahoney
District Preconstruction Engineer
Georgia Department of Transportation, District 1
rmahoney@dot.ga.gov
2505 Athens Highway, SE
Gainesville, GA 30507
(770) 532-5526

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.