

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 542370, Pierce County **OFFICE** Preconstruction  
STP-0966(8)  
SR203 at CR309 Intersection Improvement **DATE** June 24, 2005  
**FROM** *Gabriel Kunk*  
Margaret B. Pirkle, P.E., Assistant Director of Preconstruction  
**TO** *MBP* SEE DISTRIBUTION

**SUBJECT** APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

David Mulling  
Harvey Keepler  
Ken Thompson  
Jamie Simpson  
Michael Henry  
Keith Golden  
Joe Palladi (file copy)  
Babs Abubakari  
Gary Priestler  
BOARD MEMBER

ADP  
100

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

Interdepartmental Correspondence

File: STP-0966(8) Pierce County  
Desc. SR 203 @ CR 309 Intersection Improvement  
P.I. No. 542370

Office : Jesup

Date: 6-13-05

From: Gary D. Priester, District Engineer

To: Meg Pirkle, Asst. Director of Preconstruction

**Subject: 2nd Revised Project Concept Report**

Remarks:

Attached is the original copy of the 2<sup>nd</sup> Revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

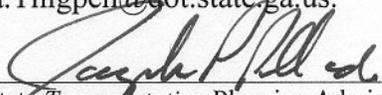
The revision consists of modifying the 1<sup>st</sup> revised concept report by offsetting the intersections of SR203 and James Loop, and by realigning SR 203 further down CR309.

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

If there are any questions or if additional information is needed, please contact Rebecca Thigpen at (912) 427-5770 or e-mail at [Rebecca.Thigpen@dot.state.ga.us](mailto:Rebecca.Thigpen@dot.state.ga.us).

DATE

6/14/05

  
State Transportation Planning Administrator

GP:ADO: ryt

Copies to:

Anthony Collins, Preconstruction Engineer  
Dennis Odom, District Design Engineer  
Brian Summers, Project Review Engineer  
Harvey Keepler, State Environmental/Location Engineer  
Keith Golden, State Traffic Safety and Design Engineer  
Joe Palladi P.E., State Transportation Planning Administrator  
Jamie Simpson, State Financial Management Administrator  
Paul Liles, State Bridge Design Engineer (only for those projects that involve structures)  
General File Unit, Atlanta  
Jesup Files

## 2<sup>nd</sup> REVISED PROJECT CONCEPT REPORT

**Need and Purpose:** The project is needed to improve and realign an intersection with an undesirable curve on S.R. 203, and realigning county road 309, which intersects S.R. 203.

**Project Location:** The intersection is located 2.7 miles northwest of Blackshear City Limits at the intersection of S.R. 203 and C.R. 309.

**Description of the 1<sup>st</sup> revised-approved concept:**

**PDP Classification:**

Full Oversight( ), Exempt (X), SF ( ), Other ( )

**Functional Classification:** Rural Collector

**U.S. Route Number(s):** n/a

**State Route Number(s):** 203

**Traffic (AADT) as shown in the approved concept:**

Current Year: (2010) 1600 South SR203	Design Year: (2030) 2550 South SR203
1000 North SR203	1600 North SR203
1000 CR 309	1600 CR309

**Proposed features to be revised:**

- SR 203 is proposed to be a stop/yield State Route. Traffic moving North on SR 203 will move into the right turn lane and yield to traffic to continue moving northward on the SR 203. Traffic moving south on SR 203 will come into the intersection and come to a complete stop, then turn left to continue moving south. Traffic moving north on SR 203 can go through the intersection without stopping or yielding to move onto CR 309. Coming off of James loop into the intersection, all traffic will come to a complete stop, no matter which direction their future motion is in. State Route 203's existing curve radius will be increased so that James Loop and CR 309's existing centerlines will all line up into a four way aligned intersection. (See Attachment No. 1)

**Describe the revised feature to be approved:**

- SR 203 is proposed to be a stop/yield State Route. Traffic moving North on SR 203 will move into the right turn lane and yield to traffic to continue moving northward on the SR 203. Traffic moving south on SR 203 will come up to the intersection of CR309 and come to a complete stop, turn left to continue moving south on SR203, or stop and turn right to move onto CR309.. Traffic moving north on SR 203 can go through the intersection without stopping or yielding to move onto CR 309. Coming off of James Loop into the intersection, all traffic will come to a complete stop, no matter which direction their future motion is in. The intersection of James Loop and SR 203 South/North will be offset, so that SR203 South, will intersect CR309, further down the county road at a 90 Deg. Angle. Also, James Loop, will intersect SR203/CR309 at a right angle, very close to its existing alignment. (See Attachment No. 2)

**Updated traffic data (AADT):**

Current Year: (2006) 5550

Design Year: (2026) 8350

**Programmed/Schedule:**

PE 2001

R/W: 2008

Construction: 2013

**Revised cost estimates:**

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

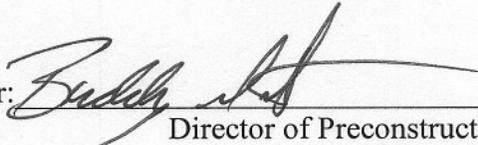
Is the project located in a Non-attainment area? \_\_\_ Yes  No.

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

Attachments:

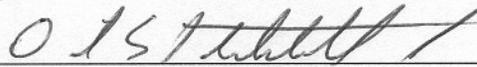
1. Sketch Map
2. Typical Sections
3. Cost Estimate

Concur:

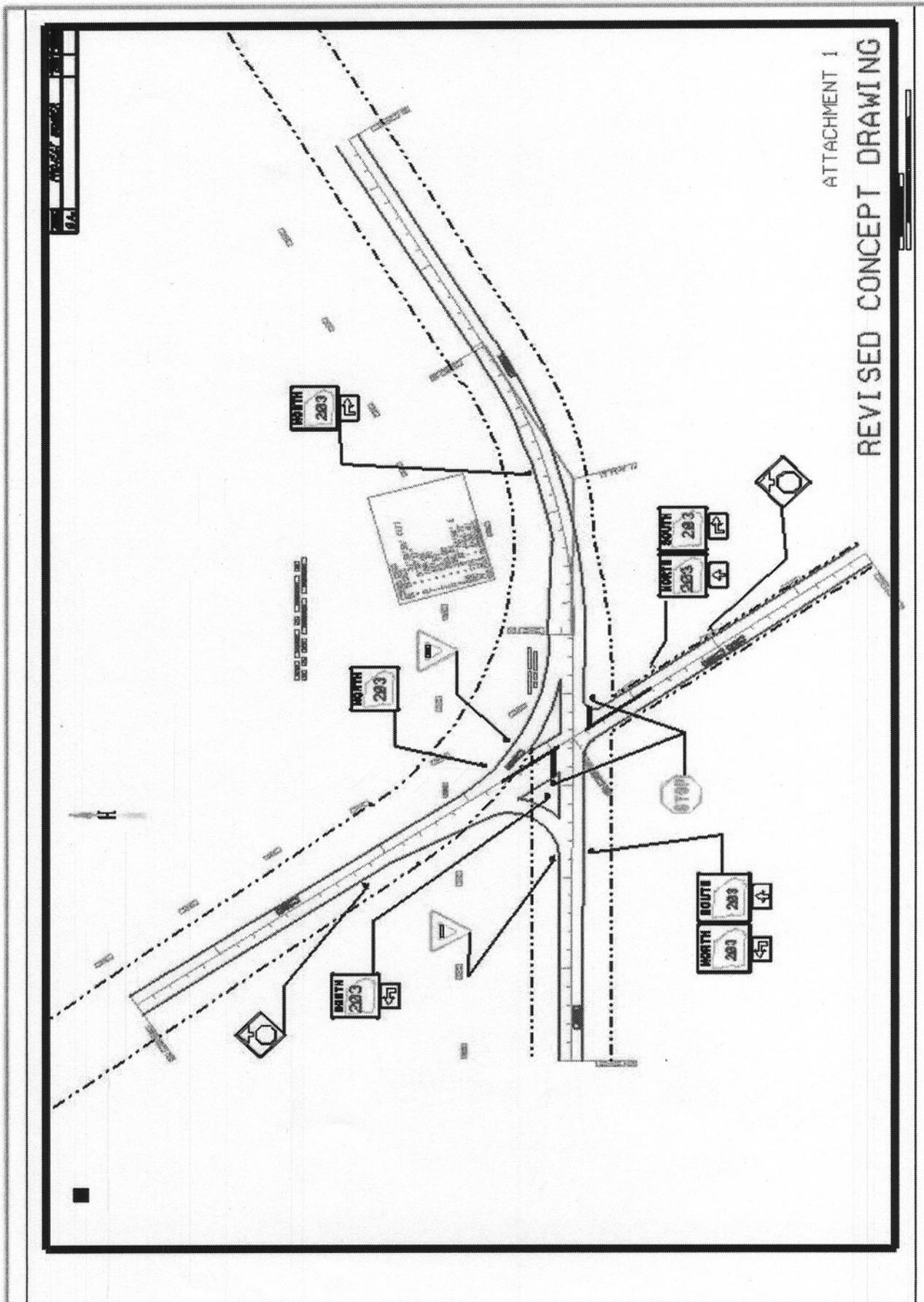


Director of Preconstruction

Approve:



Chief Engineer



ATTACHMENT 1

REVISED CONCEPT DRAWING

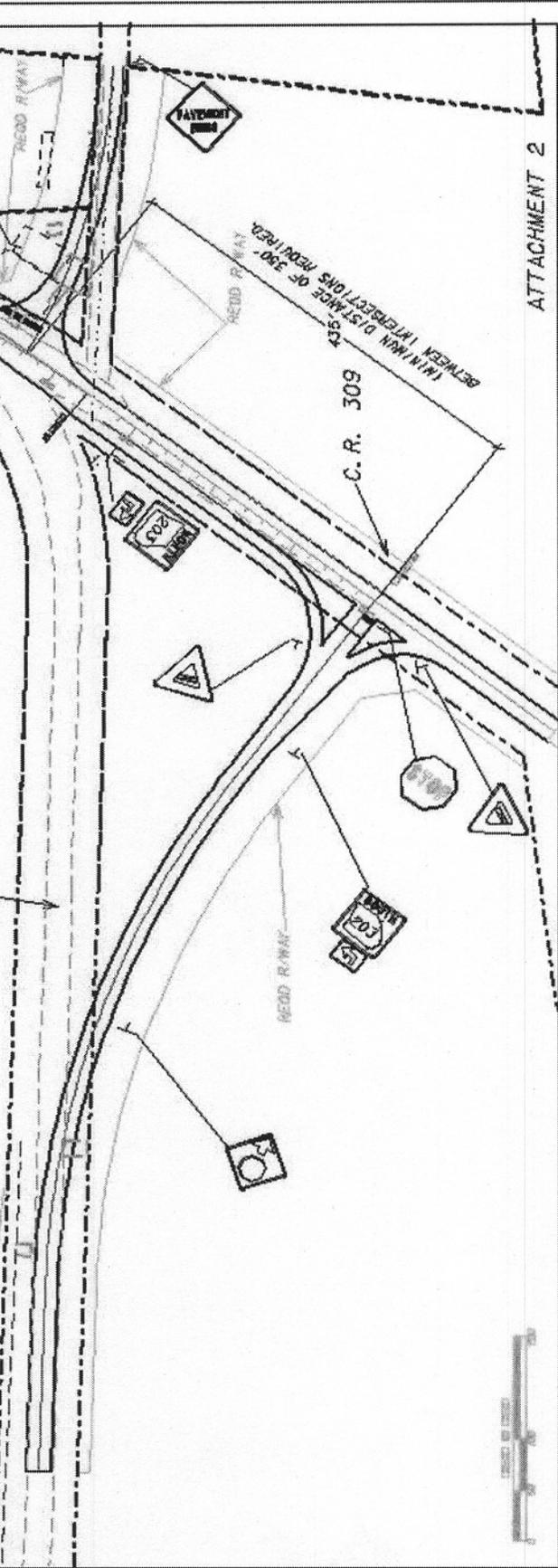
STATE	PROJECT NUMBER
GA.	577-066183

2nd REVISED CONCEPT DRAWING

EXISTING S. R. 203



REGD R/WAY

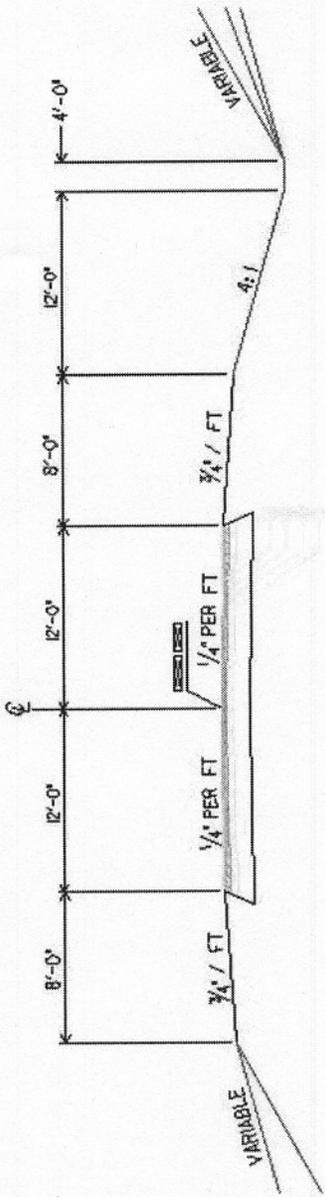


ATTACHMENT 2

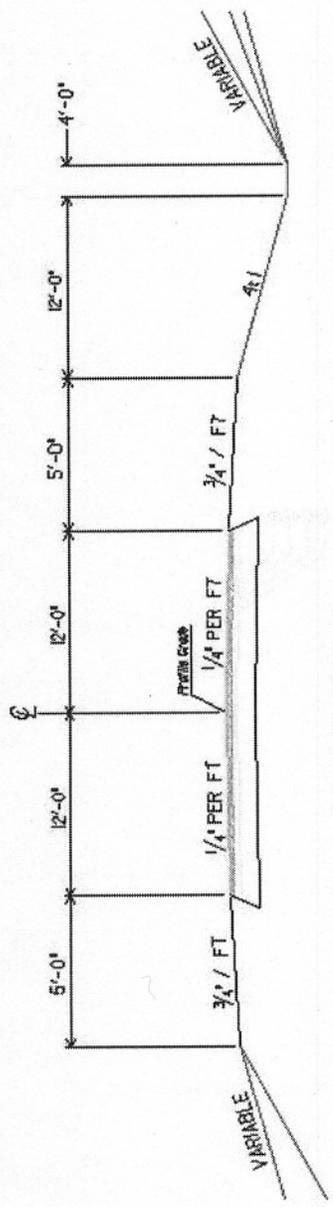


STATE	CA
PROJECT	STP-0966 (B)

TYPICAL SECTION



TANGENT SECTION



TANGENT SECTION



D. GRADING AND DRAINAGE:

1. EARTHWORK

Grading Complete \$60,000  
unclas excavation -

2. DRAINAGE

a. CROSS DRAIN PIPES (exc. Box culverts) - \$3,525

b. CURB & GUTTER - \$0

c. LONGITUDINAL SYSTEM (incl. Catch Basins) - \$0

SUBTOTAL = \$63,525

E. BASE AND PAVING:

1. AGGREGATE BASE - \$58,660 8380 SQ.YDS x \$7.00

2. ASPHALT PAVING - SUPERPAVE - \$50,400 42000 X 1.2

3. CONCRETE PAVING - \$0

4. OTHER (driveways, mill existing paving, etc.) - \$0

SUBTOTAL = \$109,060

F. LUMP SUM ITEMS:

1. EROSION CONTROL - \$5,000 3AC X 1600

2. CLEARING & GRUBBING - \$4,000 3AC X 1200

3. TRAFFIC CONTROL - \$20,000

4. LANDSCAPING - \$0

5. DETOURS (incl Temp. bridges) - \$0

SUBTOTAL = \$29,000

G. MISCELLANEOUS:

1. LIGHTING - \$0

2. SIGNING & STRIPING - \$4,000

3. GUARDRAIL - \$0

SUBTOTAL = \$4,000

ESTIMATE SUMMARY

A. RIGHTS-OF-WAY -----		\$21,170
B. REIMBURSABLE UTILITIES -----	LGPA	\$0

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES -----		\$0
D. GRADING AND DRAINAGE -----		\$63,525
E. BASE AND PAVING -----		\$109,060
F. LUMP SUM ITEMS -----		\$29,000
G. MISCELLANEOUS -----		\$4,000
		<hr/>
SUBTOTAL CONSTRUCTION COST -		\$205,585
E & C (10%) -----		\$20,559
INFLATION ( YR. @ 5% /YR) ----		\$0
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TOTAL CONSTRUCTION COST =====		\$226,144
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GRAND TOTAL PROJECT COST =====		\$247,314

Cost Estimate Prepared by: REBECCA Y. THIGPEN, DE2 / PROJECT DESIGNER