

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007139, Laurens County **OFFICE** Preconstruction
CSSTP-0007-00(139)
SR 29 at CR 68/Bethlehem Church Road **DATE** June 21, 2007

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

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keeper
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Angela Alexander (file copy)
Babs Abubakari
Mike Thomas
BOARD MEMBER

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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

DATE June 8, 2007

FROM *MLT*
Michael L. Thomas, P.E., District Engineer

TO Keith Golden, P.E, State Traffic Safety and Design Engineer

SUBJECT CSSTP-0007-00(139) Laurens County
P.I. No.: 0007139
SR 29 @ CR 68/Bethlehem Church Road

We have reviewed the concept report for the above noted project and would like to recommend that a statement be added requiring the correction of the existing sub-standard angle of intersection.

If any further assistance is needed, please contact George Brewer at (478)552-4629.

MLT:GMB

cc: Johnny Quarels

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

PROJECT CONCEPT REPORT

CSSTP-0007-00(139)
LAURENS COUNTY
P.I. Number: 0007139

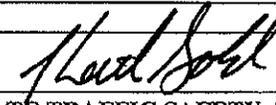
FEDERAL ROUTE NO: F70-1
STATE ROUTE NO: 29

SEE ATTACHED
LOCATION SKETCH

Date of Report: May 22, 2007

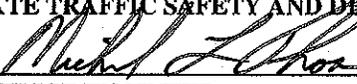
RECOMMENDED: 5-29-07

DATE


STATE TRAFFIC SAFETY AND DESIGN ENGINEER

RECOMMENDED: 6-7-07

DATE


DISTRICT ENGINEER

RECOMMENDED: 6/16/07

DATE


CHIEF ENGINEER

PROJECT CONCEPT REPORT

P.I. No.: 0007139

Project No.: Laurens County

Route No.: SR 29 @ CR 68/Bethlehem Church Road

Location: The intersection of SR 29 with CR 68/Bethlehem Church Road is located 4.0 miles East of Dublin and 3.5 miles Southwest of Brewton in Laurens County.

Description: SR 29 will be widened 6 feet symmetrically to provide for left-turn lanes with additional 12-foot right-turn auxiliary lanes. The radii on CR 68/ Bethlehem Church Road will be improved to 50-foot for both the north and southbound approaches.

Traffic – Current ADT: SR 29 ----- 3,684 (1999 ADT)
CR 68/ Bethlehem Church Road ----- 740 (1999 ADT)

Existing Typical: SR 29: Two 10-foot travel lanes, one in each direction, with 3-foot paved/12-foot grass shoulders on each side.

CR 68/Bethlehem Church Road: Two 10-foot travel lanes, one in each direction, with 1-foot paved/5-foot grass shoulders on each side.

Existing Right of Way: SR 29 ----- 100' (Estimated)
CR 68/ Bethlehem Church Road ----- 80' (Estimated)

Existing Traffic Control: SR 29: There are single W2-1 crossroads advanced warning signs accompanied by speed signs on both existing approaches.

CR 68/ Bethlehem Church Road: There are double indicated W3-1a stop ahead signs and R1-1 stop signs on both approaches.

Existing Major Structures: None.

Statement of Need & Purpose: The purpose for this project is to improve the safety and operation of the intersection of SR 29 at CR 68/Bethlehem Church Road in Laurens County. SR 29 is a minor east/west route that runs from the city of Milledgeville, through Dublin and Vidalia, to the southeastern part of Georgia. CR 68/Bethlehem Church Road is a rural roadway that serves mostly residential traffic. According to the accident history report, ten accidents occurred from 2001 to 2003, seven being right angle collisions, one a rear end collision, two others. Five of these accidents were of the type susceptible to correction by adding turn lanes. This intersection has a catering operation located on the northeast quadrant and Bethlehem Church is located on the northwest quadrant of the intersection. Therefore, it is recommended that right and left turn lanes be constructed on SR 29, with addition to improving the radii on CR 68/Bethlehem Church Road corners which would improve the approach to and from SR 29.

Length: 0.34 miles

| <u>Termini:</u> | <u>- SR 29 -</u> | <u>-CR 68-</u> |
|-------------------|------------------|----------------|
| <u>From M.P.:</u> | 10.63 | 2.12 |
| <u>To M.P. :</u> | 10.93 | 2.16 |

PDP Class: Minor Existing

| | | |
|--------------------------|-----------------------------------|----------------|
| Functional Class: | SR 29 ----- | Minor Arterial |
| | CR 68/Bethlehem Church Road ----- | Local |

| | | |
|----------------------|-----------------------------------|--------|
| Design Speed: | SR 29 ----- | 55 mph |
| | CR 68/Bethlehem Church Road ----- | 45 mph |

Proposed Typical Section: SR 29: Two 12-foot travel lanes, one in each direction, with a 12-foot left turn lane and a 12-foot auxiliary right turn lane in both directions. Shoulders will be 10.5-foot, 6.5-foot paved and 4-foot grassed.

CR 68/Bethlehem Church Road: Constructing 50 foot radii on the Southeast and Northwest quadrants.

Proposed major structures: None.

Type Access: By Permit.

Traffic Control During Construction: Existing operation shall be maintained during construction.

Right-of-Way Requirement: The Georgia Department of Transportation shall be responsible for the acquisition of all required right-of-way for this project.

Utilities: Laurens County shall be responsible for all public reimbursable utility adjustments. Georgia Department of Transportation shall be responsible for all private reimbursable utility adjustments.

Estimated Cost:

| <u>Item</u> | <u>Total Amount</u> | |
|----------------------------|----------------------|--------------|
| | <u>FEDERAL/STATE</u> | <u>LOCAL</u> |
| R/W ----- | \$ | REQUESTED |
| Utilities ----- | \$ | REQUESTED |
| Estimated LGPA Total ----- | \$ | REQUESTED |
| Construction ----- | \$ | 200,104.53 |
| Traffic Signal ----- | \$ | 0 |
| Railroad Equipment ----- | \$ | 0 |
| E & C 10% ----- | \$ | 20,010.45 |
| Total Construction ----- | \$ | 220,114.98 |

Permits Required: None

Level of Environmental Analysis: Categorical Exclusion.

Level of Public Involvement: None.

Time Saving Procedures Appropriate: Yes (X) No ()

Design Variances Required: None.

Alternatives Considered: None.

Comments:

Prepared By:

Attachments:
Conceptual Layout Sketch

SR 29 @ CR 68/BETHLEHEM CHURCH ROAD
LAURENS COUNTY

| |
|---------------------------------|
| ESTIMATED REQUIRED RIGHT OF WAY |
| AREA #1 - 3,362.15 SF |
| AREA #2 - 1,246.05 SF |
| TOTAL - 4,608.20 SF |

