

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE:** STP-0001-00(582) Baldwin County  
P.I. No.: 0001582  
Safety Improvements @ Various Median Openings

**OFFICE:** Traffic Operations  
Atlanta, Georgia  
**DATE:** September 18, 2000

*MGW*  
**FROM:** Marion G. Waters, III, P.E., State Traffic Operations Engineer

**TO:** Mike Thomas, District Engineer, Tennille  
Attn: David Griffith

**SUBJECT: APPROVED CONCEPT REPORT**

Attached is a copy of the approved concept report and a copy of our files on the above listed project for your use and further handling.

This project consists of the reconstruction of the existing median cross overs located on S.R. 22 in Baldwin County.

By copy of this letter, this office is transmitting a copy of the approved concept report to the Office of Environmental/Location for their use in performing the appropriate environmental studies.

Should you have any questions, please contact Ken Werho of this office at 404-635-8125.

MGW:KPW

Attachments

cc: Frank Danchetz  
Tom Turner, w/attach.  
David Millins, w/attach.  
Wayne Hutto, w/attach.  
Herman Griffin, w/attach.  
Harvey Keepler, w/attach.  
Roger Price, w/attach.  
Dick Graves, w/attach.  
Jim Chambers, Attn: Otis Clarke, w/attach.  
General Files

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

BALDWIN COUNTY  
STP-0001-00(582)

FEDERAL ROUTE NO:

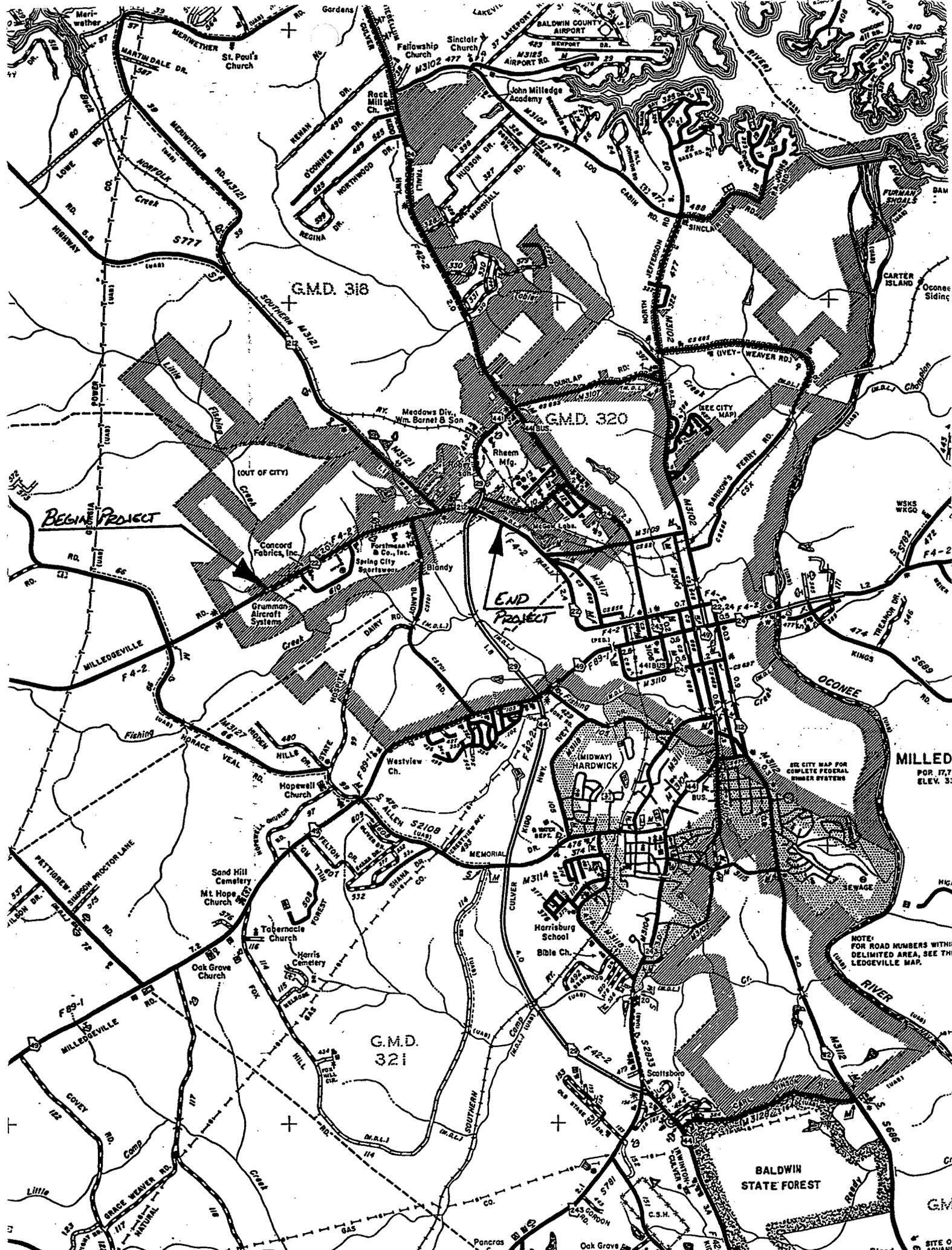
STATE ROUTE NO: 22

GADOT P.I. NO: 0001582

SEE ATTACHED  
LOCATION SKETCH

Date of Report: August 8, 2000

RECOMMENDED:	<u>8/9/00</u>	<u><i>Marvin Shelton</i></u>
	DATE	STATE TRAFFIC OPERATIONS ENGINEER
RECOMMENDED:	<u>9/6/00</u>	<u><i>Michael L. Thomas</i></u>
	DATE	DISTRICT ENGINEER
RECOMMENDED:	<u>9/8/00</u>	<u><i>L. L. Donduty</i></u> <sup>DOB</sup>
	DATE	CHIEF ENGINEER
APPROVED:	<u>9/12/00</u>	<u><i>J. Tom Coltrane</i></u>
	DATE	COMMISSIONER



G.M.D. 318

G.M.D. 320

G.M.D. 321

REGINA PROJECT

END PROJECT

MILLEDGEVILLE  
POP. 17,700  
ELEV. 320

SEE CITY MAP FOR COMPLETE FEDERAL TRUNK SYSTEMS

NOTE: FOR ROAD NUMBERS WITHIN DELIMITED AREA, SEE THE LEDGEVILLE MAP.

BALDWIN STATE FOREST

GM

BLAND SITE OF ADVANCE

**PROJECT CONCEPT REPORT**

**P.I. No.:** 0001582

STP-0001-00(582)

**Project No.:** Baldwin County

**Route No.:** SR 22 @

Baldwin County

Median X-Over MP 7.16  
CR 61/Britt Water Rd  
CS 683/Little Fishing Creek  
CS 701/Blandy Rd.

SR 212  
SR 29/Roberson Mill Rd.  
Median X-Over MP 9.52

**Location:** The project begins approximately 0.37 miles inside the Milledgeville City Limits and runs east 2.41 miles to the beginning of the 20' raised median within the City of Milledgeville in Baldwin County on SR 22.

**Description:** At the various locations located on this corridor the existing median cross overs will be reconstructed to provide Type "B" Median Cross Overs – Offset Left turn lanes for S.R. 22. The existing Type "A" Median Cross Overs – Adjacent Left Turn Lanes will be reconstructed as Type "B" Median Cross Overs. Right turn lanes will also be constructed and/or extended to meet speed design deceleration distances at various locations. Right turn lanes will only be constructed if they can be done within the existing R/W.

**Traffic – Current ADT:** S.R. 22 from:

Baldwin County	M.P. 07.11 to M.P. 08.77 -----	7,600 (1998 ADT)
	M.P. 08.77 to M.P. 09.52 -----	12,000 (1998 ADT)

**Existing Typical:** S.R. 22: 4 – 12' Travel lanes, two in each direction, with 10' paved outside shoulder and 4' paved inside shoulder. Median width is 40' with left & right turn lanes at various locations.

**Existing Right of Way:** S.R. 22 ----- Varies 100' to 150' (Estimated)

**Existing Traffic Control:** S.R. 22 currently has two (2) stop & go traffic signals. The side roads are controlled by stop signs.

**Existing Major Structures:** None.

**Statement of Need & Purpose:** Accident history for the years of '95 – '98 shows 35% of the accidents are angle intersecting, 31% are rear end, 26% are struck object and 4% are side swipe. The proposed improvements would decrease these numbers considerably. The offset left turn lanes will improve sight distance to on coming traffic. The construction of these turn lanes would allow vehicles to move out of the flow of traffic to decelerate, decreasing rear end and side swipe accidents. To improve the safety and orderly progression of traffic through the corridor and help eliminate angle intersecting, rear end and side swipe accidents, these improvements are recommended.

**Length:** 2.36 miles

**Termini:** - SR 22 -  
**From M.P.:** 7.16  
**To M.P.:** 9.52

**PDP Class:** Minor Existing

**Functional Class:** S.R. 22 - 7.16 mp to 9.52 mp ----- Rural Minor Arterial

**Max Degree of Curve:** +/- 1 Degrees                      **Max Grades:** +/- 3.0 %

**Design Speed:** 55 mph

**Proposed Typical Section:** S.R. 22: 4 - 12' Travel lanes two in each direction, with 10' paved outside and 4' paved inside shoulders with 12' left & right turn lanes added or reconstructed at median cross overs.

**Proposed major structures:** None.

**Type Access:** By Permit.

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

**Right-of-Way Requirement:** Georgia Department of Transportation shall be responsible for the acquisition of all Required Right-of-Way for this project. None anticipated.

**Utilities:** Georgia Department of Transportation shall be responsible for all Utility adjustments.

**Estimated Cost:**

<b><u>Item</u></b>	<b><u>Total Amount</u></b>
R/W -----	\$ 0 (Ga. D.O.T.)
Utilities -----	\$ 0 (Ga. D.O.T.)
Estimated LGPA Total -----	\$ 0
Construction -----	\$ 1,924,125
Traffic Signal -----	\$ 100,000
E & C 10% -----	\$ 202,413
Total Construction -----	\$ 2,226,538

**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.

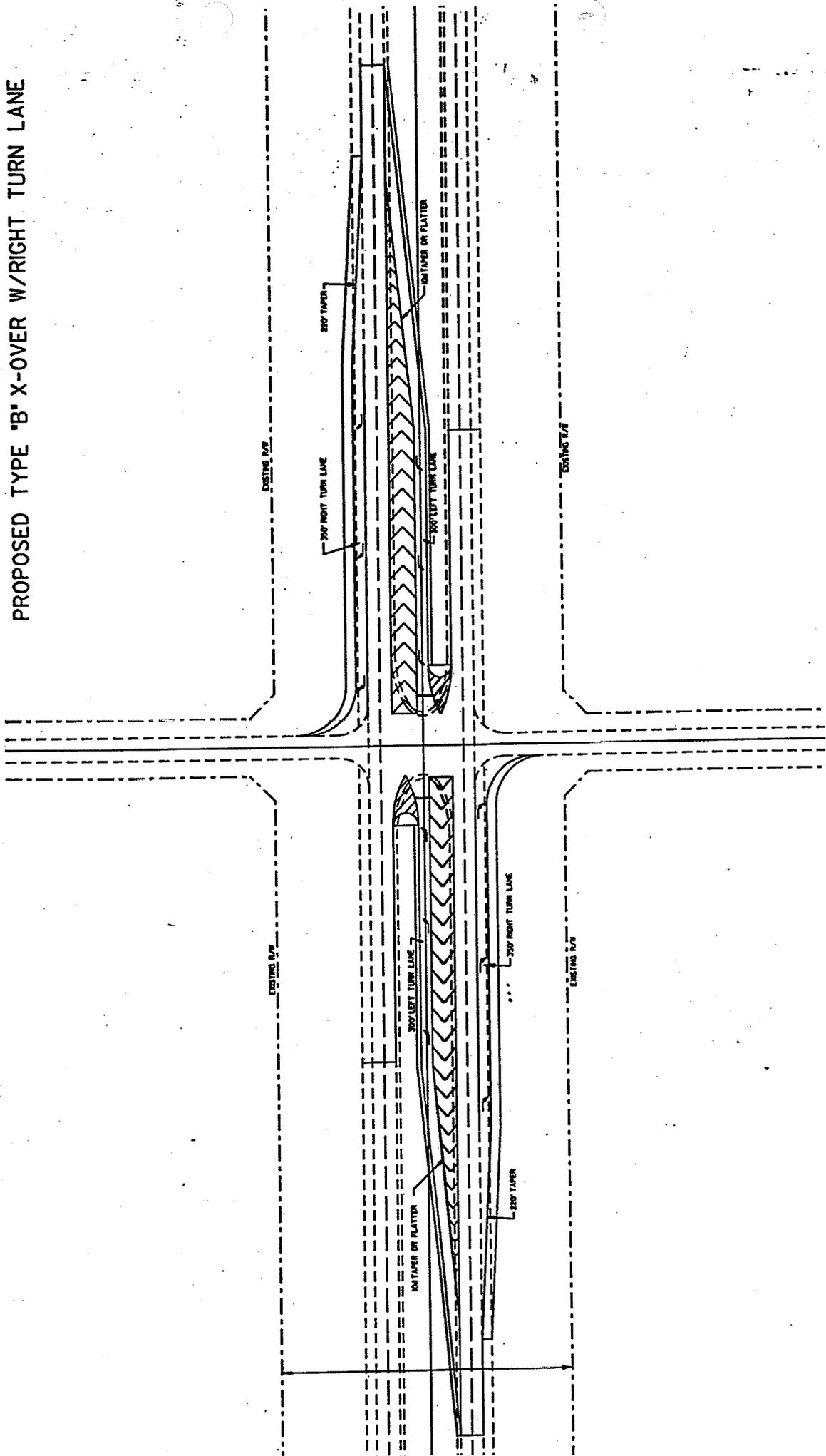
**Comments:** None.

Prepared By:



**Ken Werho**

EXISTING MEDIAN X-OVER NO TURN LANES  
PROPOSED TYPE 'B' X-OVER W/RIGHT TURN LANE



EXISTING TYPE 'A' X-OVER  
PROPOSED TYPE 'B' X-OVER W/RIGHT TURN LANE

