

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

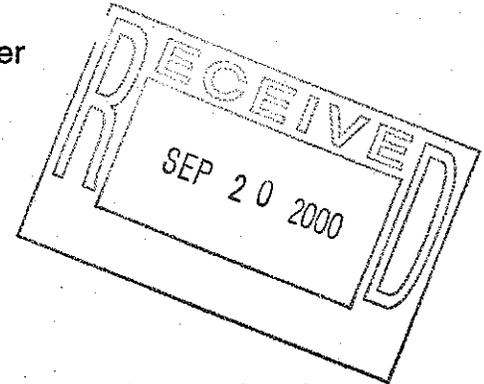
## INTERDEPARTMENT CORRESPONDENCE

**FILE:** NHS-0001-00(579) Habersham & Stephens Counties  
P.I. No.: 0001579  
Safety Improvements @ Various Median Openings

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

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

**TO:** Larry Dent, District Engineer, Gainesville  
Attn: Todd Long



**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. 365/U.S. 23 in Habersham & Stephens Counties.

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.  
Joe Garland, w/attach.  
Dick Graves, w/attach.  
Jim Chambers, Attn: Otis Clarke, w/attach.  
General Files

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

HABERSHAM & STEPHENS COUNTIES

NHS-0001-00(579)

FEDERAL ROUTE NO: 23

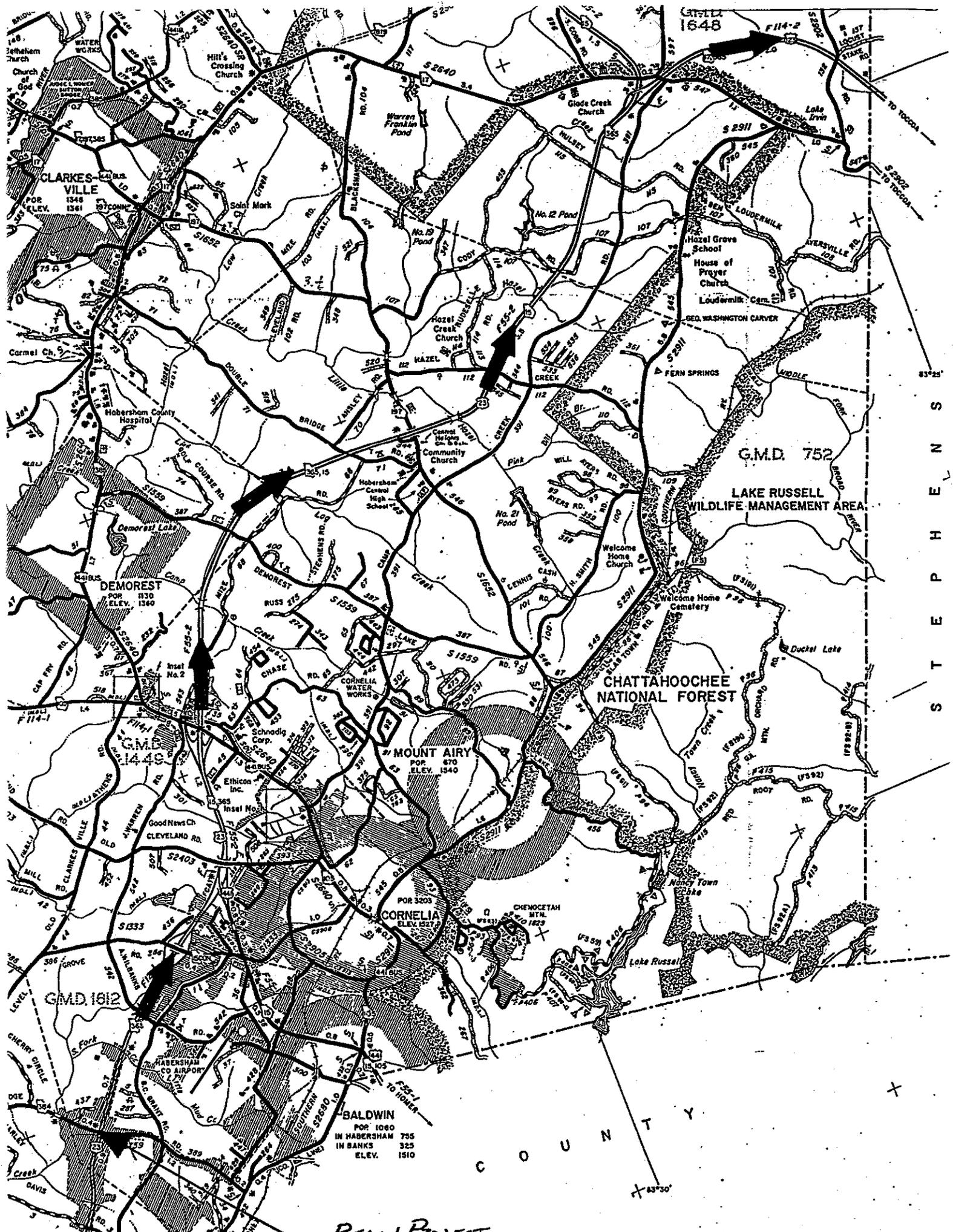
STATE ROUTE NO: 365

GADOT P.I. NO: 0001579

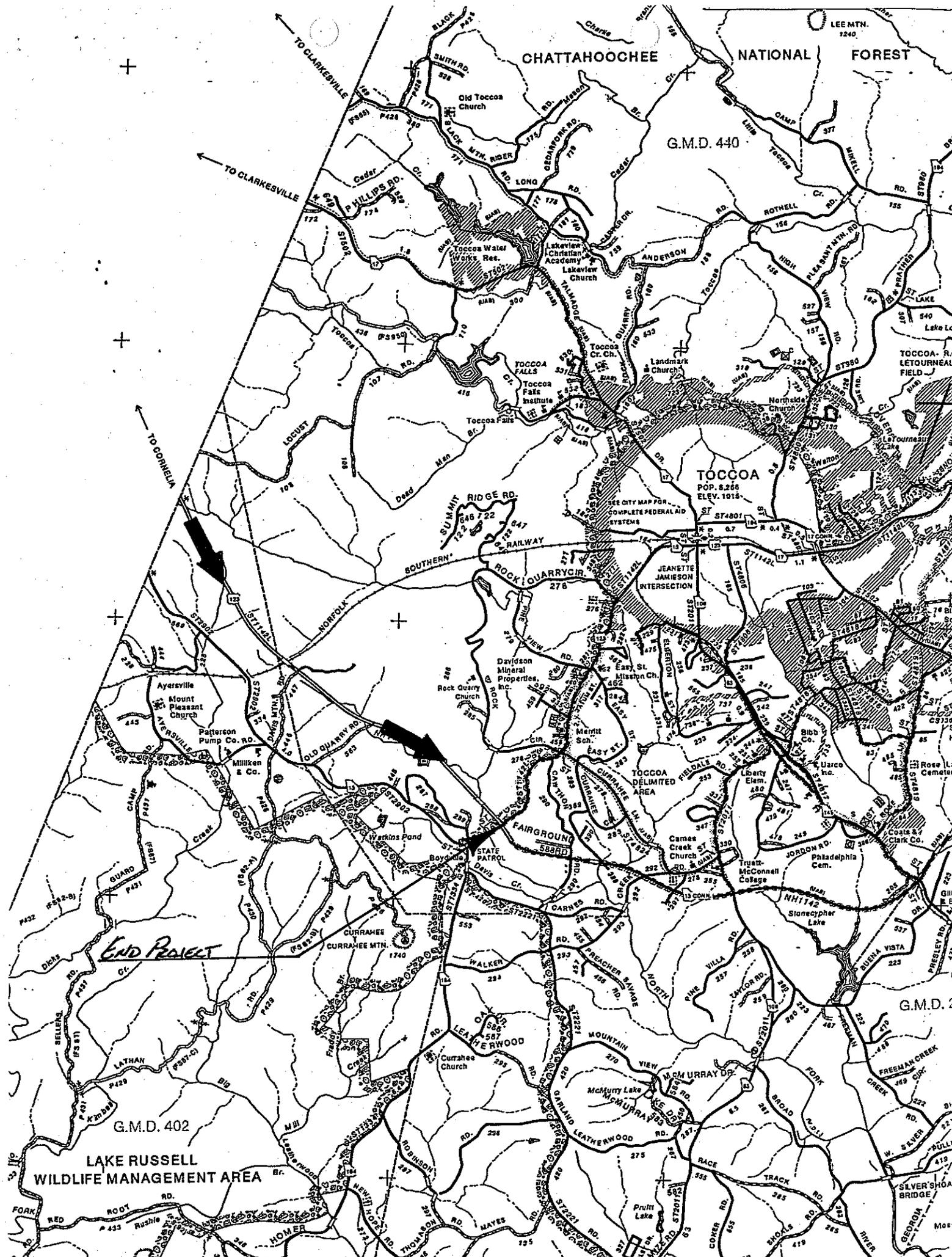
SEE ATTACHED  
LOCATION SKETCH

Date of Report: August 7, 2000

RECOMMENDED:	<u>8/8/2000</u>	<u><i>Marion Slaton</i></u>
	DATE	STATE TRAFFIC OPERATIONS ENGINEER
RECOMMENDED:	<u>8/25/2000</u>	<u><i>Larry E. Dantye</i></u>
	DATE	DISTRICT ENGINEER
RECOMMENDED:	<u>9-1-00</u>	<u><i>Frank L. Dumbolt</i></u>
	DATE	CHIEF ENGINEER
APPROVED:	<u>9/12/00</u>	<u><i>J. Tom Campbell</i></u>
	DATE	COMMISSIONER



BEGIN PROJECT



CHATTAHOOCHEE

NATIONAL FOREST

G.M.D. 440

Toccoa

POP. 8,266  
ELEV. 1015'

ROCK QUARRY CIR

FAIRGROUND

END PROJECT

G.M.D. 402

LAKE RUSSELL  
WILDLIFE MANAGEMENT AREA

G.M.D. 401

SILVER SHOALS BRIDGE

**PROJECT CONCEPT REPORT**

**P.I. No.:** 0001579

**Project No.:** NHS-0001-00(579) Habersham & Stephens Counties

**Route No.:** S.R. 365/U.S.23 @

Habersham County

CR 435/Kudzu Hill Rd.

CR 68/Iron Ore Rd.

CR 387/Demorest Rd & Mt. Airy Hwy

CR 71/Double Bridge Rd.

SR 197

CR 112/Hazel Creek Rd.

Stephens County

Median X-Over M.P. 00.89

CR 447/Davis Mtn. Rd. & Tressell Ridge Rd.

CR 107/Cody Rd.

CR 115/Hulsey Rd.

SR 15/Tommy Irwin Hwy

Median X-Over M.P. 16.53

CR 132/Rock Rd.

Median X-Over M.P. 3.04

SR 184/Toccoa Bypass

**Location:** The project begins approximately 1.91 miles south of the City Limits of Cornelia in Habersham County and runs northbound into Stephens County to S.R. 184 at the approximate City Limits of Toccoa in Stephens County on S.R. 365/U.S. 23.

**Description:** At the various locations located on this corridor the existing median cross over will be reconstructed to provide Type "B" Median Cross Overs – Offset Left turn lanes for S.R. 17/365. The existing Type "B" Median Cross Overs – Offset Left Turn Lanes will be extended to meet speed design deceleration distances. 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. 365 from:

Habersham County	M.P. 04.65 to M.P. 06.11 -----	18,600 (1998 ADT)
	M.P. 06.11 to M.P. 07.16 -----	14,000 (1998 ADT)
	M.P. 07.16 to M.P. 08.45 -----	23,100 (1998 ADT)
	M.P. 08.45 to M.P. 10.17 -----	15,800 (1998 ADT)
	M.P. 10.17 to M.P. 11.93 -----	14,200 (1998 ADT)
	M.P. 11.93 to M.P. 15.77 -----	12,900 (1998 ADT)
	M.P. 15.77 to M.P. 17.93 -----	6,500 (1998 ADT)
Stephens County	M.P. 00.00 to M.P. 04.06 -----	7,500 (1998 ADT)

**Existing Typical:** S.R. 365: 4 – 12' Travel lanes, two in each direction, with 10' paved outside shoulder and 4' paved inside shoulder. Median width is 64' in Habersham & Stephens Counties with left & right turn lanes at various locations.

**Existing Right of Way:** S.R. 365 ----- 100', 300' & 400' Habersham County (Estimated)  
300' Stephens County (Estimated)

**Existing Traffic Control:** S.R. 365 currently has 2 stop & go traffic signals with left turn arrows, with the remainder of the corridor a through movement. 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 44% of the accidents are rear end, 30% are angle intersecting and 23% are struck object. The proposed improvements would decrease these numbers considerably. The offset left turn lanes will improve sight distance to on coming traffic. The construction of other 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:** 17.34 miles

**Termini:** - SR 365 -  
**From M.P.:** 4.65 Habersham County  
**To M.P.:** 4.06 Stephens County

**PDP Class:** Minor Existing

**Functional Class:** S.R. 365 - 4.65 mp to 17.93 mp ----- Rural Principal Arterial  
- 0.00 mp to 4.06 mp ----- Rural Principal Arterial

**Max Degree of Curve:** +/- 2 Degrees                      **Max Grades:** +/- 7.0 %

**Design Speed:** 55 & 65 mph

**Proposed Typical Section:** S.R. 365: 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 -----	\$ 3,917,319
Traffic Signal -----	\$ 100,000
E & C 10% -----	\$ 401,732
Total Construction -----	\$ 4,419,051

**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.

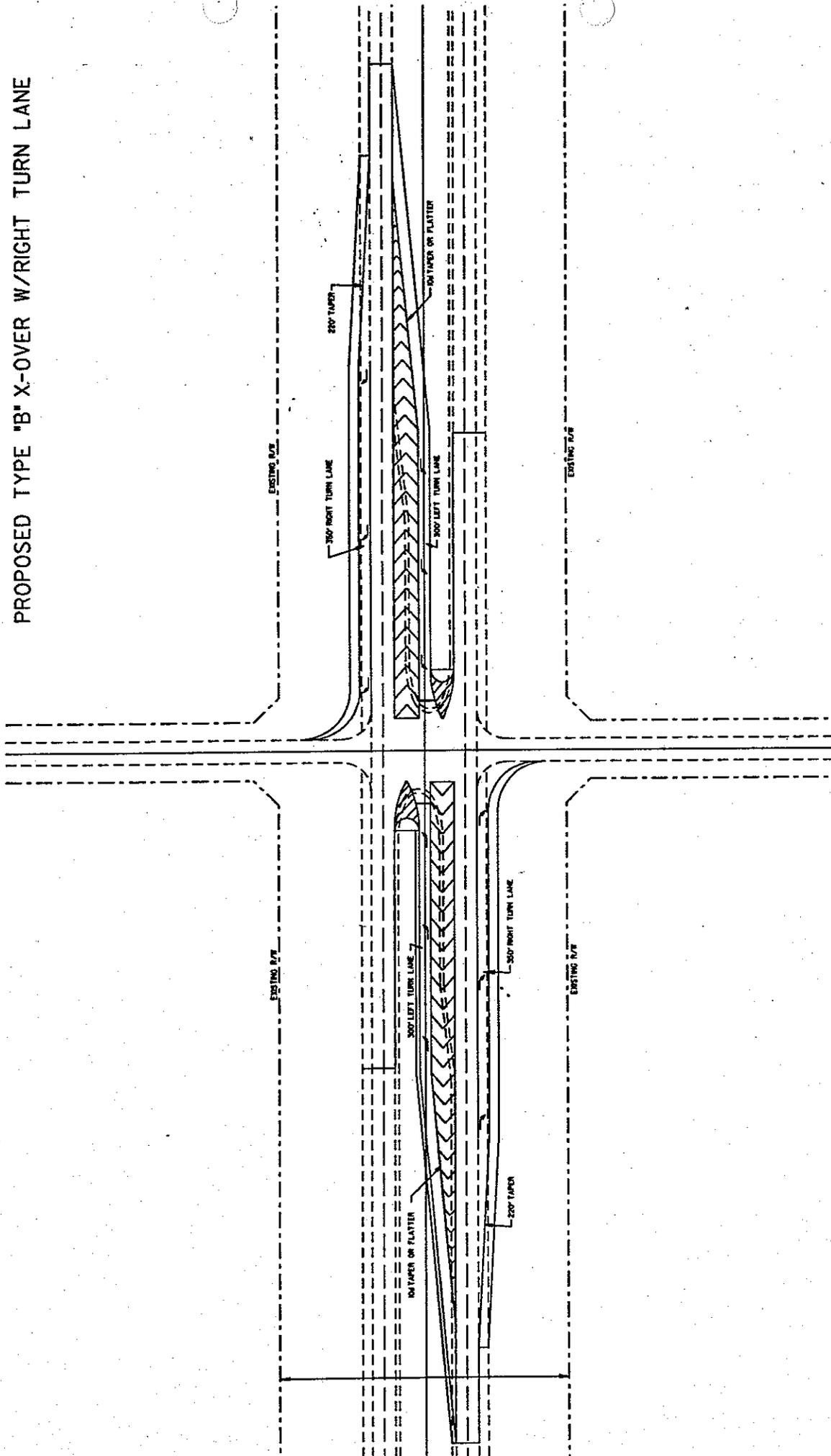
**Alternatives Considered:** None.

**Comments:** None.

Prepared By:  
  
**Ken Werho**

EXISTING TYPE 'A' X-OVER

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



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

