

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-0001-00(560) Crisp County
P.I. No.: 0001560
Safety Improvements @ Various Median Openings

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

FROM: ^{MGW} Marion G. Waters, III, P.E., State Traffic Operations Engineer

TO: David Crim, District Engineer, Tifton
Attn: Joe Sheffield

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. 300/U.S. 19 in Crisp 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 Keeper, w/attach.
Brent Thomas, w/attach.
Dick Graves, w/attach.
Jim Chambers, Attn: Otis Clarke, w/attach.
General Files

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

PROJECT CONCEPT REPORT

CRISP COUNTY

STP-0001-00(560)

FEDERAL ROUTE NO: 19

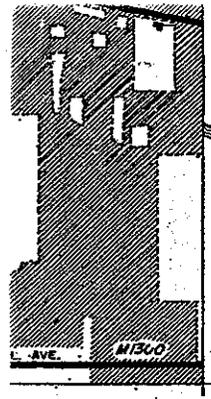
STATE ROUTE NO: 300

GADOT P.I. NO: 0001560

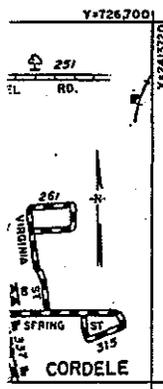
**SEE ATTACHED
LOCATION SKETCH**

Date of Report: August 15, 2000

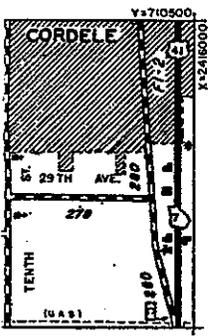
RECOMMENDED:	<u>8/16/2000</u>	<u><i>Marion H. Watson</i></u>
	DATE	STATE TRAFFIC OPERATIONS ENGINEER
RECOMMENDED:	<u>8-24-00</u>	<u><i>[Signature]</i></u>
	DATE	DISTRICT ENGINEER
RECOMMENDED:	<u>8-31-00</u>	<u><i>Lol L. J. J. J.</i></u>
	DATE	CHIEF ENGINEER
APPROVED:	_____	<u><i>Tom Coleman</i></u>
	DATE	COMMISSIONER



SCALE
 FEET
 500 1000
 0.2 0.25
 MILES



SCALE
 2000
 0.5

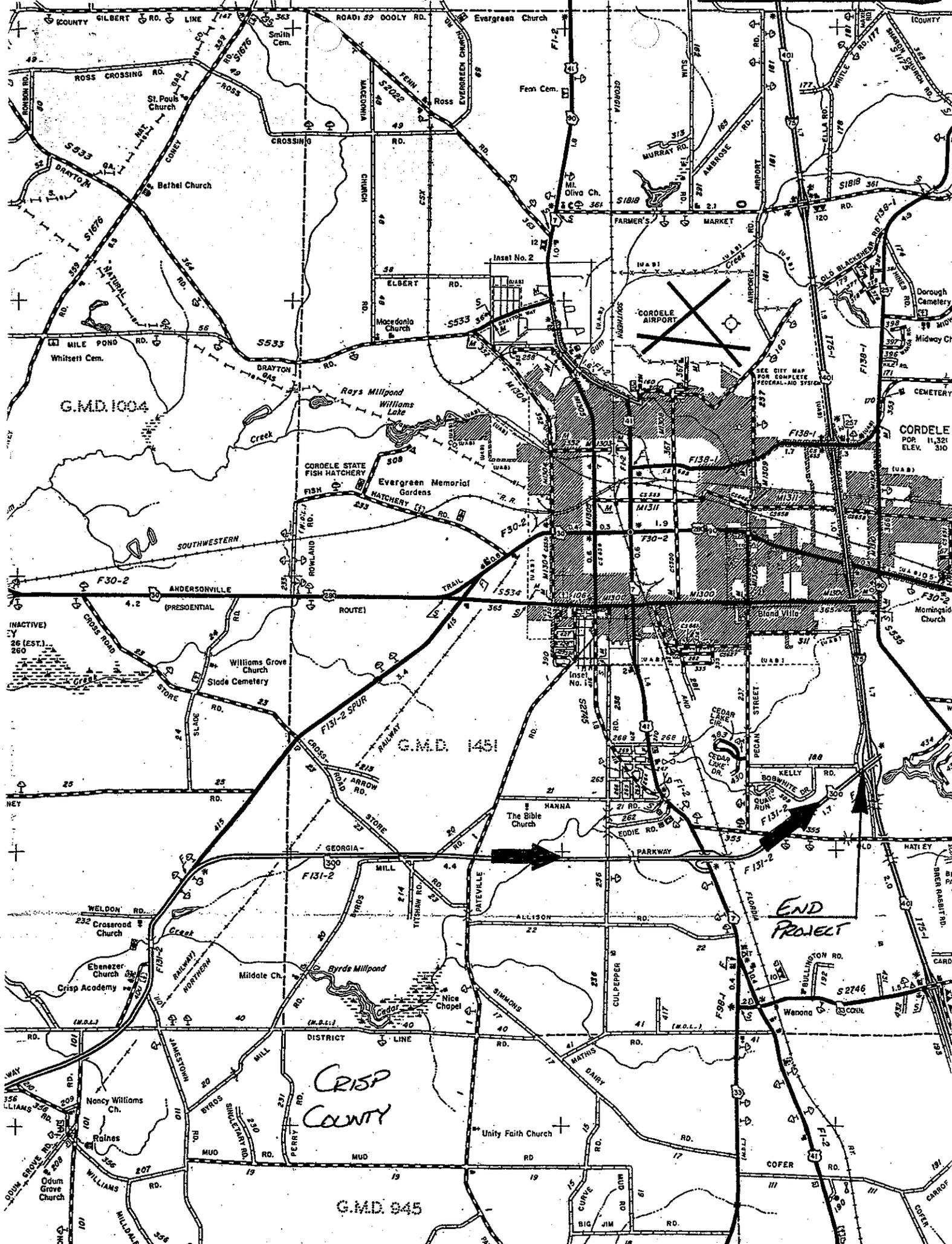


NO. 1
 FEET
 500 1000



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 A PRICE LIST OF MAPS PUBLISHED BY THE DEPARTMENT OF TRANSPORTATION IS AVAILABLE FROM THE DEPARTMENT AT NO 2 CAPITOL SQUARE, ATLANTA, GA. 30334

ALL LOCAL ROUTES ARE REVISED IN CONFORMANCE WITH THE OFFICIAL CODE OF GEORGIA, ANNOTATED, TITLE 32.



G.M.D. 1004

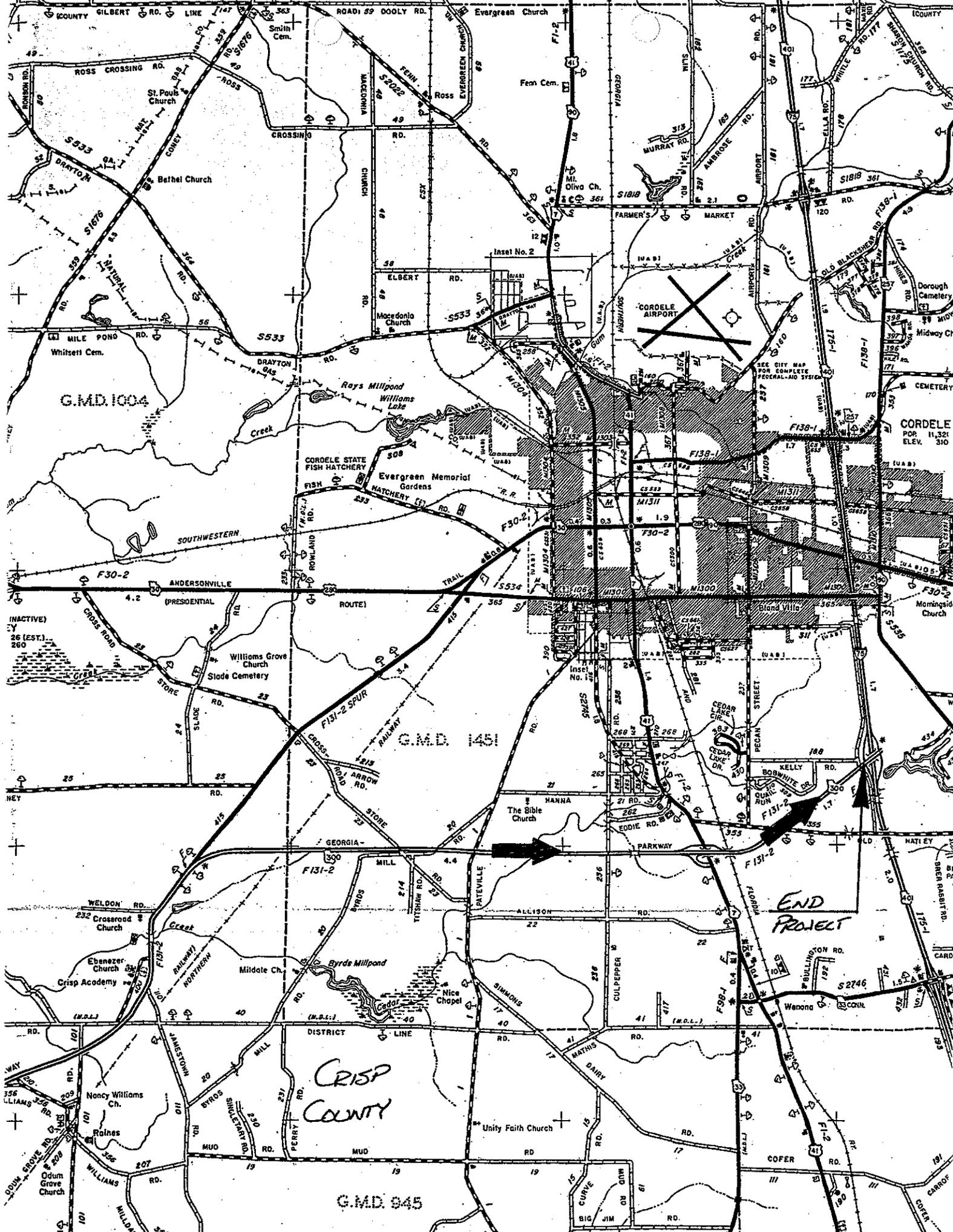
G.M.D. 1451

CRISP COUNTY

G.M.D. 945

END PROJECT

CORDELE
POP. 11,321
ELEV. 310



PROJECT CONCEPT REPORT

P.I. No.: 0001560

Project No.: STP-0001-00(560) Crisp County

Route No.: SR 300/US 19 @
Crisp County

CR 105/Antioch Rd.
Median X-Over MP 1.90
CR 358/Coney Rd.
Median X-Over MP 2.12
Median X-Over MP 2.80
CR 223/Cork Ferry Rd.
CR 102/Bridges Rd.
CR 32/Morgan Rd.
CR 356/Williams Rd.
Median X-Over MP 4.89
CR 101/Raines Station Rd.
CR 40/District Line Rd.

CR 110/Jamestown Rd.
CR 400/No Name
CR 232/Weldon Rd.
SR 300 Connector
CR 23/Crossroad Store Rd.
CR 20 Byrds Mill Rd.
CR 1/Pateville Rd.
CR 236/Culpepper Rd.
Median X-Over MP 10.90
CR 355/Old Hatley Rd.
CR 188 & 311/Kelly Rd. & Frontage Rd.

Location: The project begins approximately 1.74 miles north of the Worth/Crisp County Line and runs north through Crisp County to MP 13.00, 0.10 miles west of I-75 in Crisp County, approximately 11.26 miles, on SR 300/US 19.

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. 300. 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. 300 from:
Crisp County M.P. 01.74 to M.P. 07.04 ----- 8,300 (1998 ADT)
M.P. 07.04 to M.P. 11.43 ----- 8,400 (1998 ADT)
M.P. 11.43 to M.P. 13.00 ----- 7,900 (1998 ADT)

Existing Typical: S.R. 300: 4 – 12' Travel lanes two in each direction, with 10' paved outside shoulder and 4' paved inside shoulder. Median width is 44' with left & right turn lanes at various locations.

Existing Right of Way: S.R. 300 ----- 150' to 250' (Estimated)

Existing Traffic Control: S.R. 300 currently has no 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 50% of the accidents are angle intersecting, 29% are struck object, 8% are rear end and 3% 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: 11.26 miles

Termini: - SR 300 -
From M.P.: 01.74
To M.P. : 13.00

PDP Class: Minor Existing

Functional Class: S.R. 300 - Crisp -- MP 01.74 to MP 12.17 --- Rural Principal Arterial
MP 12.17 to MP 13.00 --- Urban Principal Arterial

Max Degree of Curve: +/- 2 Degrees

Max Grades: +/- 2.0 %

Design Speed: 55 & 65 mph

Proposed Typical Section: S.R. 300: 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.

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:

<u>Item</u>	<u>Total Amount</u>
R/W -----	\$ 0 (Ga. D.O.T.)
Utilities -----	\$ 0 (Ga. D.O.T.)
Estimated LGPA Total -----	\$ 0
Construction -----	\$ 6,342,873
Traffic Signals -----	\$ 0
E & C 10% -----	\$ 634,287
Total Construction -----	\$ 6,977,160

Permits Required: None.

Level of Environmental Analysis: Categorical Exclusion.

Level of Public Involvement: None.

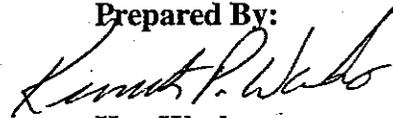
Time Saving Procedures Appropriate: Yes (X) No ()

Design Variances Required: None.

Alternatives Considered: None.

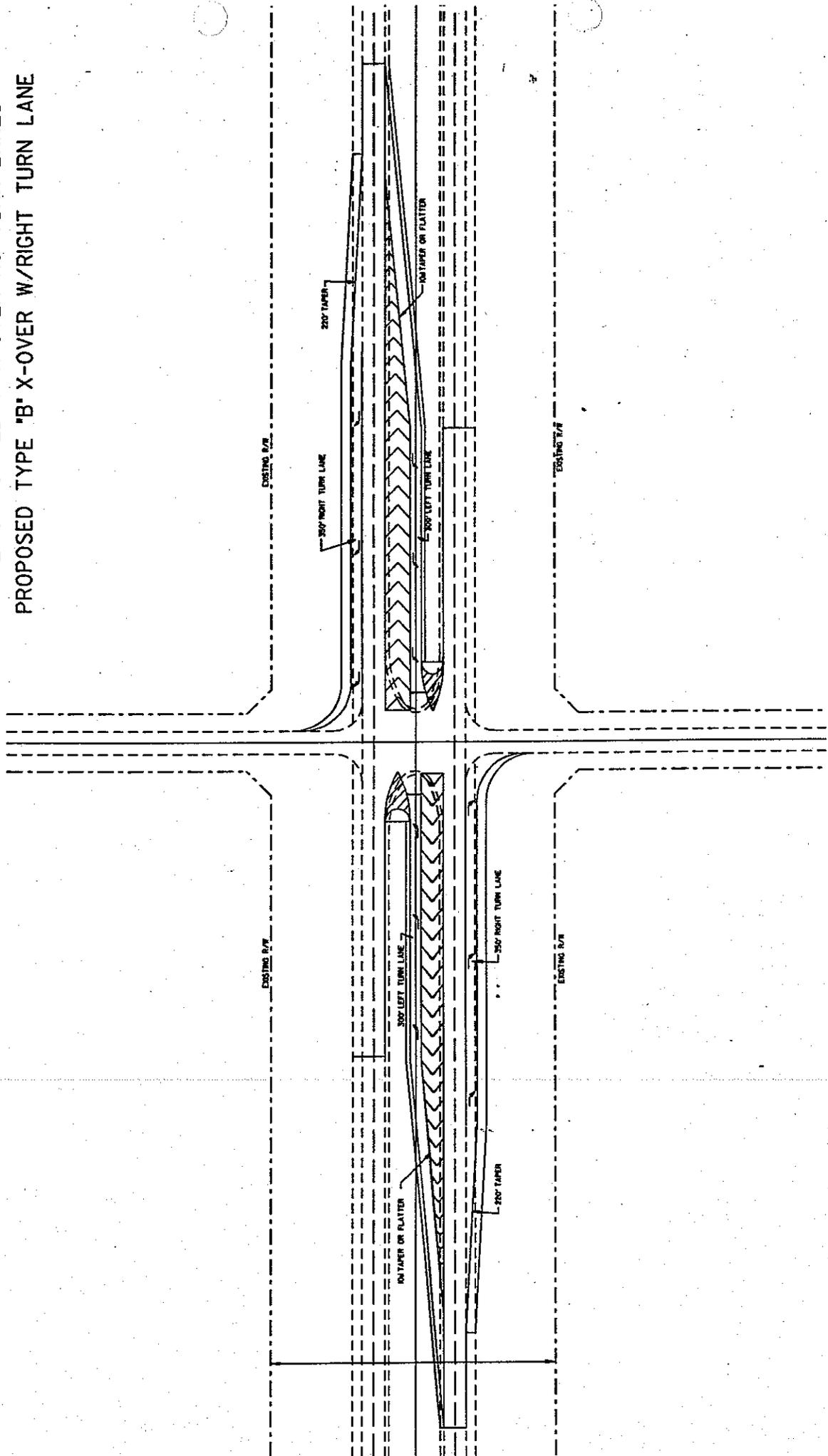
Comments: None.

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

