

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: NHS-0001-00(559) Brooks & Lowndes Counties  
P.I. No.: 0001559  
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: 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. 38/U.S. 84 in Brooks & Lowndes 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.  
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  
BROOKS & LOWNDES COUNTIES

NHS-0001-00(559)

FEDERAL ROUTE NO: 84

STATE ROUTE NO: 38

GADOT P.I. NO: 0001559

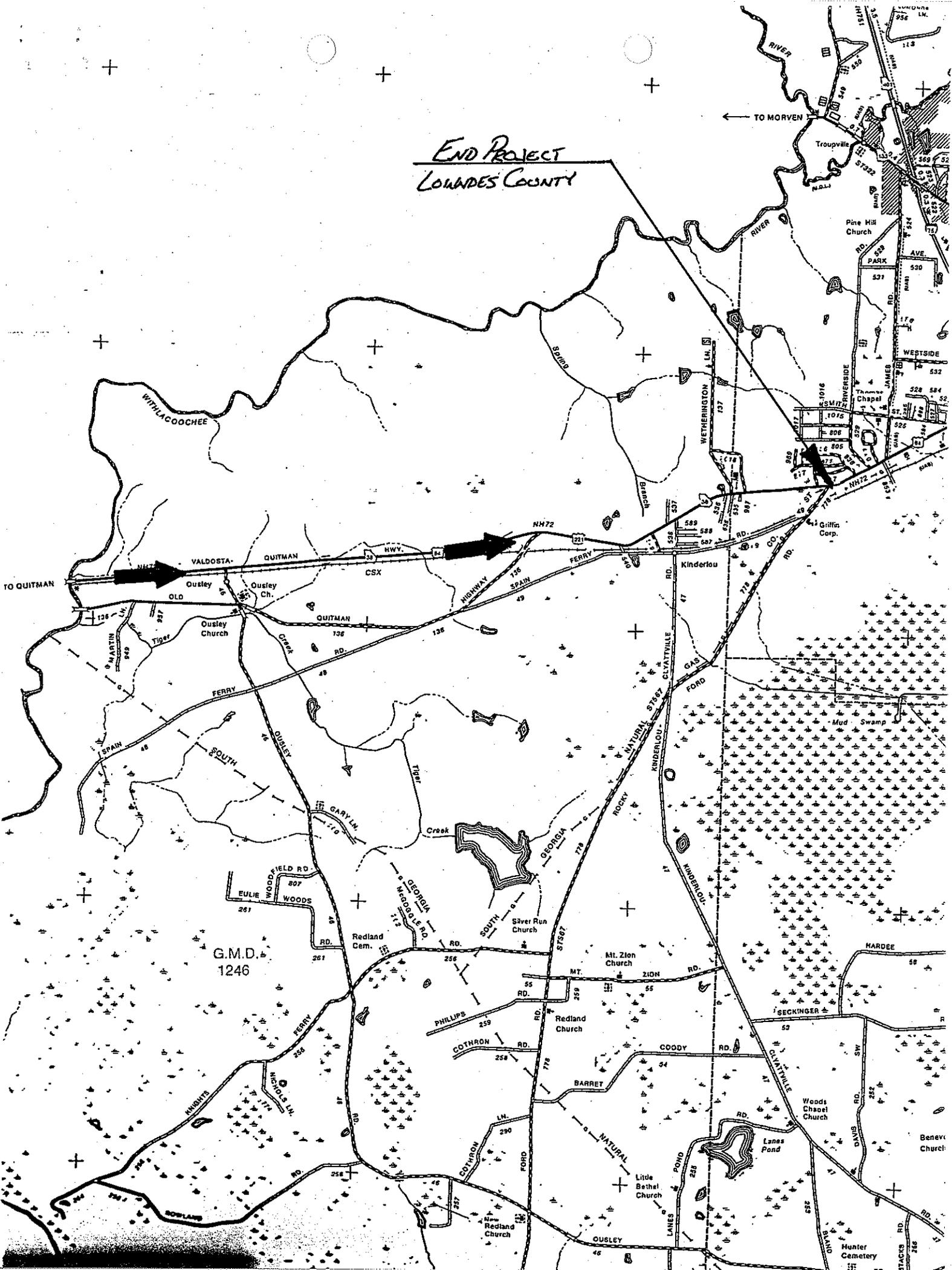
SEE ATTACHED  
LOCATION SKETCH

Date of Report: August 9, 2000

RECOMMENDED:	<u>Aug. 13, 2000</u>	<u>Marion Hulston</u>
	DATE	STATE TRAFFIC OPERATIONS ENGINEER
RECOMMENDED:	<u>8-24-00</u>	<u>[Signature]</u>
	DATE	DISTRICT ENGINEER
RECOMMENDED:	<u>8-31-00</u>	<u>[Signature]</u>
	DATE	CHIEF ENGINEER
APPROVED:	_____	<u>[Signature]</u>
	DATE	COMMISSIONER



END PROJECT  
LOWNDES COUNTY



TO QUITMAN

TO MORVEN

G.M.D.  
1246

Benev. Church

Hunter Cemetery

**PROJECT CONCEPT REPORT**

**P.I. No.:** 0001559

**Project No.:** NHS-0001-00(559)

Brooks & Lowndes Counties

**Route No.:** SR 38/US 84 @

Brooks County

Median X-Over MP12.97  
 Median X-Over MP 13.48  
 CR 236/Devane Rd.  
 Median X-Over MP 14.14  
 Median X-Over MP 14.47

CR 15/Patrick Rd.  
 CR 353/Langboard Plant Rd.  
 CR 242/Monument Church Rd.  
 Median X-Over MP 15.94

Lowndes County

CR 46/Ousley Rd.  
 Median X-Over MP 2.46  
 Median X-Over MP 3.17  
 CR 136/Old Quitman Hwy  
 CR 54/Nadia Crossing

CR 539/Kinderlou Rd.  
 CR 537/Pecan Plantation Rd.  
 CR 137 & 535/Wetherington Ln. & Owens Dr.  
 CR 836/Winnwood Circle  
 CR 778/Rocky Ford Rd.

**Location:** The project begins approximately 1.32 miles east of the eastside City Limits of Quitman and runs east through Brooks County and into Lowndes County to the beginning of the 5-lane 1.46 miles west of the City Limits of Valdosta, approximately 10.74 miles, on SR 38/US 84.

**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. 38. 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. 38 from:

Brooks County	M.P. 12.95 to M.P. 16.97 -----	10,500 (1998 ADT)
Lowndes County	M.P. 00.00 to M.P. 06.72 -----	9,000 (1998 ADT)

**Existing Typical:** S.R. 38: 4 – 12' Travel lanes two in each direction, with 10' paved outside shoulder and 4' paved inside shoulder. Median width is 64' with left & right turn lanes at various locations.

**Existing Right of Way:** S.R. 38 ----- Varies from 100' to 300' (Estimated)

**Existing Traffic Control:** S.R. 38 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 53% of the accidents are struck object, 17% are rear end, 12% are side swipe and 8% are angle intersecting. 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:** 10.74 miles

**Termini:** - SR 38 -  
**From M.P.:** 12.95 Brooks County  
**To M.P.:** 6.72 Lowndes County

**PDP Class:** Minor Existing

**Functional Class:** S.R. 38 ----- Brooks MP 12.95 to MP 16.97 --- Rural Principal Arterial  
Lowndes MP 00.00 to MP 06.72 --- Rural Principal Arterial

**Max Degree of Curve:** +/- 1 Degrees **Max Grades:** +/- 2.0 %

**Design Speed:** 65 mph

**Proposed Typical Section:** S.R. 38: 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:**

<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 -----	\$ 5,222,625
Traffic Signals -----	\$ 0
E & C 10% -----	\$ 522,263
Total Construction -----	\$ 5,744,888

**Permits Required:** None.

**Level of Environmental Analysis:** Categorical Exclusion.

**Level of Public Involvement:** None.

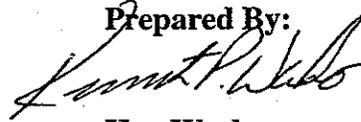
**Time Saving Procedures Appropriate:** Yes (X) No ( )

**Design Variances Required:** None.

**Alternatives Considered:** None.

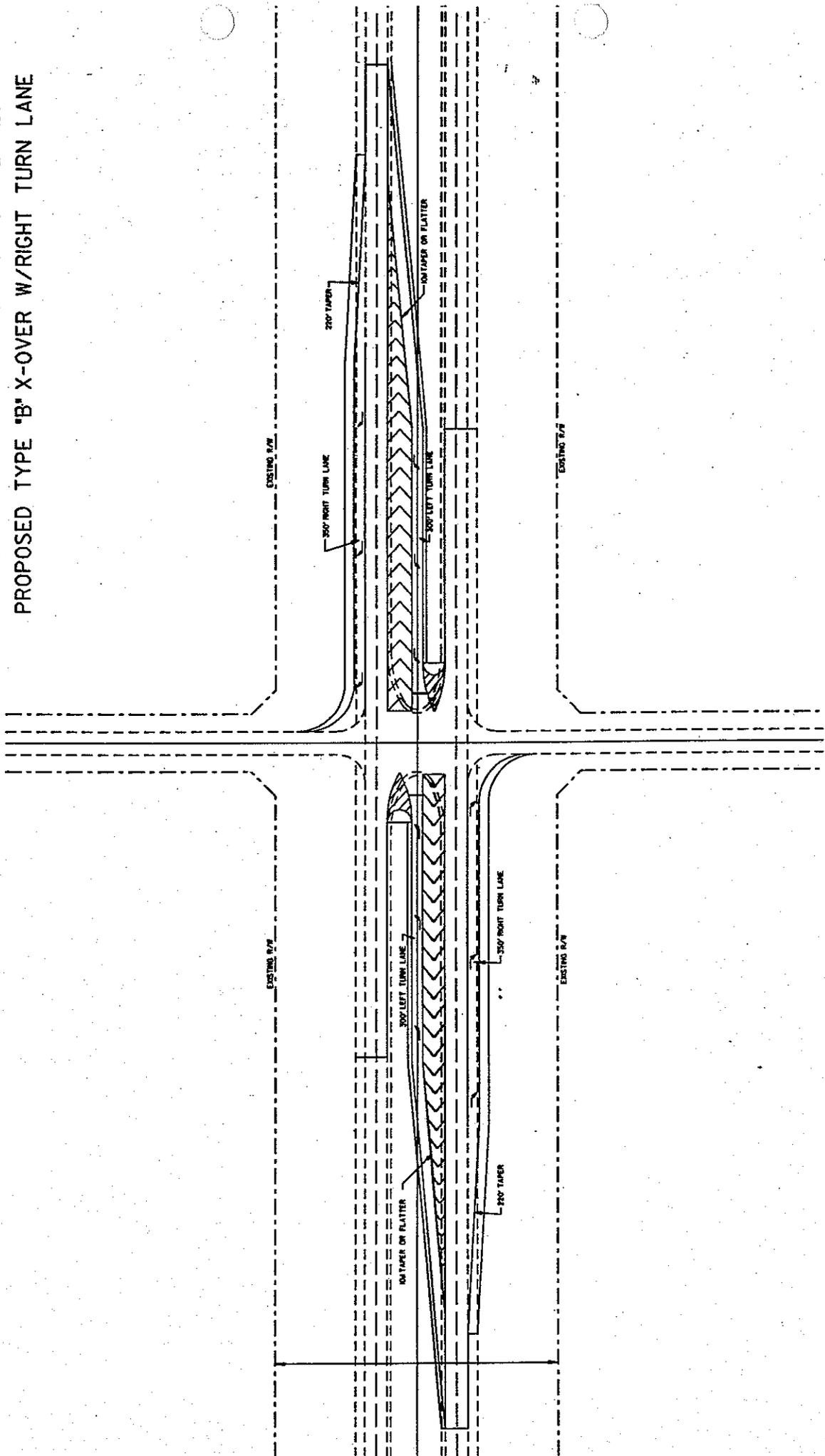
**Comments:** None.

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

