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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
DEC 09 1993
PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-2953 (4), Barrow Co.
P.I. No. 141900
Location: S.R. 8 @
C.R. 97 / Ed Hogan Rd.

OFFICE: Traffic Operations
Atlanta, Ga.
DATE: December 2, 1993

FROM: *JWH for* Marion Waters, P.E., State Traffic Operations Engineer

TO: Hugh Tyner, District Engineer, Gainesville
Attn.: Laland Owens

SUBJECT: APPROVED CONCEPT REPORT

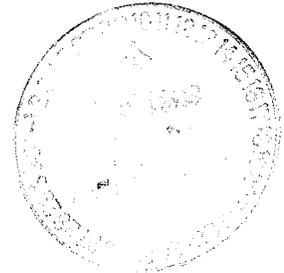
Attached is a copy of the approved concept report and a copy of our project files for your use in designing the above listed project.

If additional information is needed, please contact Jim Hitt of this office at 651-9599 or Gist. 223-9599.

MGW:JHH

Attachments

- cc: Frank Danchetz
- John Lively, w/copy of concept report
- Bob Mustin, w/copy of concept report
- Wayne Hutto, w/copy of concept report
- Herman Griffin, w/copy of concept report
- Joe Fletcher, Dist. Traf. Eng., w/copy of concept report
- General Files, w/original copy of concept report



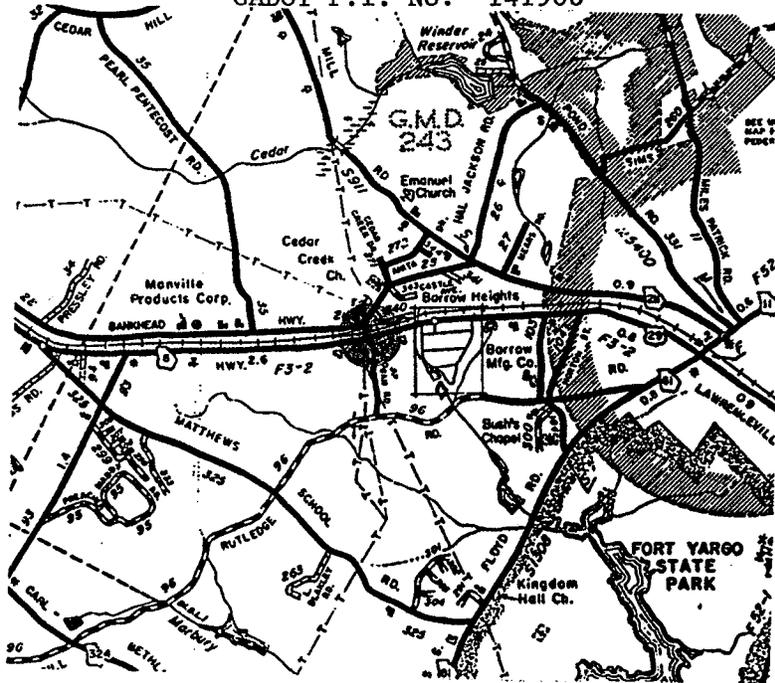
DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT

STP-2953 (4), BARROW COUNTY

FEDERAL ROUTE NO:
STATE ROUTE NO: 8
GADOT P.I. NO: 141900



DATE OF REPORT: 20 MAY 1992

RECOMMENDED: 5/22/92 Tom Colvin
DATE STATE TRAFFIC AND SAFETY ENGINEER

RECOMMENDED: 6-2-92 G.C. Lewis
DATE STATE HIGHWAY ENGINEER

APPROVED: 6-3-92 Wayne Shackelford
DATE COMMISSIONER

PROJECT CONCEPT REPORT

P.I.NO: 141900

PROJECT NO: STP-2953 (4), BARROW COUNTY ROUTE NO: SR 8

LOCATION: SR 8/LAWRENCEVILLE-ATHENS HWY @ CR 97/ED HOGAN RD

TRAFFIC - CURRENT ADT: SR 8 - 13,734 (1990); CR 97 - 350

EXISTING TYPICAL SECTION: SR 8 - TWO LANE RURAL SECTION, 24FT WIDTH WITH 5FT GRASSED SHOULDERS; CR 97 - TWO LANE RURAL SECTION, 20FT WIDTH WITH 5FT GRASSED SHOULDERS.

EXISTING RIGHT-OF-WAY: SR 8 - EST 60FT; CR 97 - EST 60FT.

EXISTING TRAFFIC CONTROL: CR 97 UNDER STOP SIGN CONTROL.

EXISTING MAJOR STRUCTURES: NONE

STATEMENT OF NEED: A REFUGE LANE ON SR 8 IS NEEDED TO MOVE VEHICLES WAITING TO TURN LEFT OUT OF THRU LANE OF TRAFFIC. WESTBOUND TRAFFIC APPROACHES INTERSECTION AFTER CRESTING A HILL LEAVING SIGHT AND STOPPING DISTANCES TOO SHORT.

PURPOSE OF PROJECT: TO PROVIDE LEFT TURN LANE FOR BOTH EAST AND WESTBOUND TRAFFIC ON SR 8 WHICH WOULD BE MORE COST EFFECTIVE THAN LOWERING THE HILLCREST.

LENGTH: 1000 FT; 0.19 MILE.

TERMINI - FROM: 500FT WEST OF INTERSECTION
TO: 500FT EAST OF INTERSECTION.

PDP CLASS: MINOR EXIST FUNCTIONAL CLASS: RURAL MAJOR COLLECTOR

MAX DEGREE OF CURVE: TANGENT MAX GRADES: 2%

DESIGN SPEED: 55 MPH POSTED SPEED: SR 8-55MPH; CR 97-35MPH.

PROPOSED TYPICAL SECTION: SR 8 - TAPER FROM 24FT TO 36FT WITH 8FT GRASSED SHOULDERS. CR 97 - TO REMAIN UNCHANGED.

PROPOSE MAJOR STRUCTURES: NONE

TYPE ACCESS: FREE ACCESS (BY PERMIT).

TRAFFIC CONTROL DURING CONSTRUCTION: EXISTING OPERATIONS TO BE MAINTAINED DURING CONSTRUCTION.

RIGHT-OF-WAY REQUIREMENT: ADDITIONAL R/W WILL BE REQUIRED ON NORTH SIDE OF SR 8 AND AN AGREEMENT WITH RAILROAD FOR R/W ON SOUTH SIDE. RIGHT OF WAY TO BE ACQUIRED BY BARROW COUNTY.

UTILITIES: ADJUSTMENT OF UTILITIES WILL BE THE RESPONSIBILITY OF BARROW COUNTY.

ESTIMATED COST:

<u>ITEM</u>	<u>TOTAL AMOUNT</u>	
R/W.....\$	0	(BY CNTY, LGPA)
UTILITIES.....	0	(BY CNTY, LGPA)
SUB TOTAL.....	0	
CONSTRUCTION.....\$	65,000	
TRAFFIC SIGNAL.....		
INFLATION.....	0	
E&C.....	6,500	
TOTAL CONSTRUCTION.....\$	71,500	

PERMITS REQUIRED: NONE

LEVEL OF ENVIRONMENTAL ANALYSIS: OUTSIDE NON-ATTAINMENT AREA, REQUIRES RIGHT-OF-WAY, ENVIRONMENTAL ASSEMENT REQUIRED.

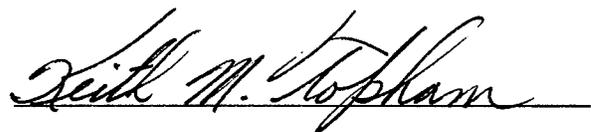
LEVEL OF PUBLIC INVOLVEMENT: NA

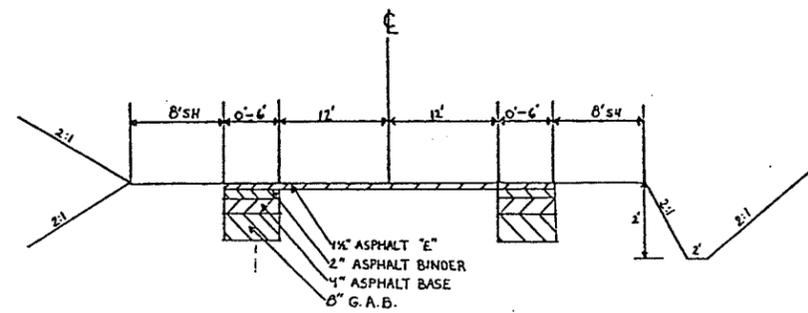
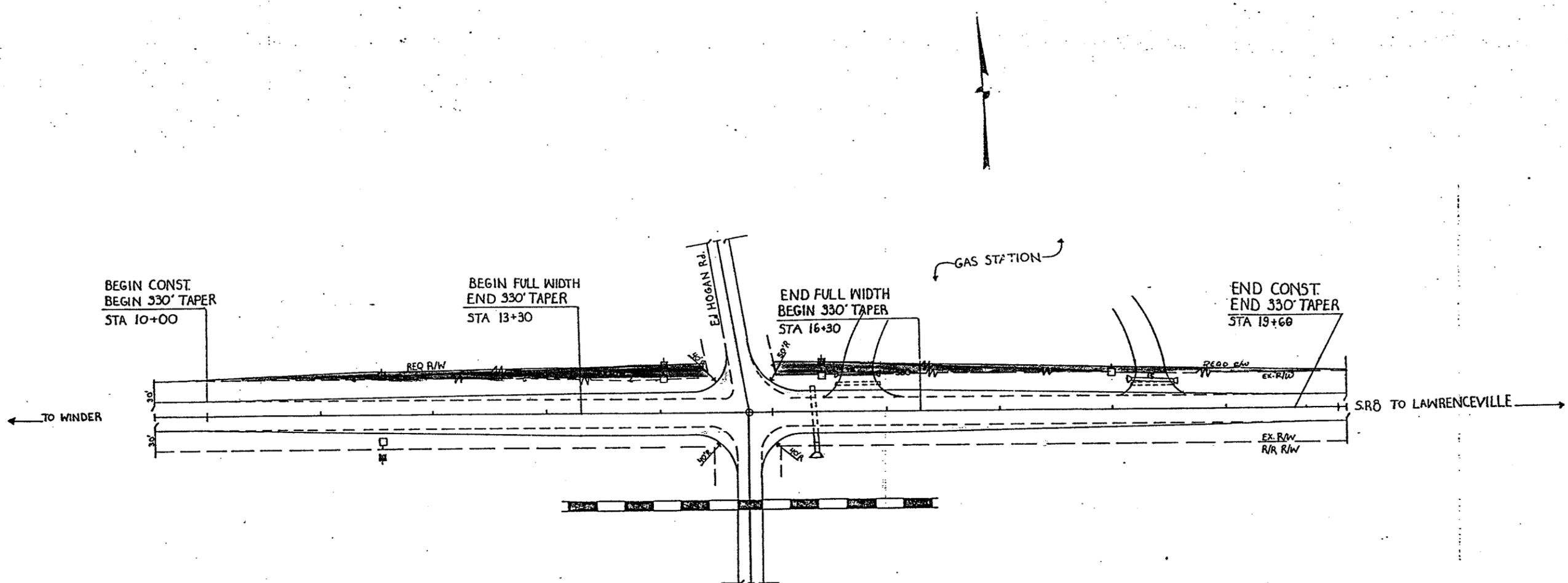
TIME SAVINGS PROCEDURES APPROPRIATE: YES (X) NO ()

DESIGN VARIANCES REQUIRED: NONE

ALTERNATIVES CONSIDERED: NONE

PREPARED BY:





TYPICAL SECTION

ESTIMATED QUANTITIES

6" G.A.B.	410 TONS
4" ASPHALT BASE	208 TONS
2" ASPHALT BINDER	110 TONS
1/2" ASPHALT "E"	308 TONS
TACK	225 GAL.
GRASSING	LUMP SUM
CLEARING & GRUBING	LUMP SUM
TRAFFIC CONTROL	LUMP SUM
15" R.C.P. HI-10	110 Lin. Fr.
15" R.C.P. FIARED END	4 Each
18" R.C.P. HI-10	16 Lin. Fr.
18" R.C.P. FIARED END	1 Each
TYPE "B" SILT FENCE	900 Lin. Fr.
BAILED STRAW DITCH CHECKS	150 Lin. Fr.
450 cu. yd. FILL	265 cu. yd. Cut

SR8/LAWRENCEVILLE HWY @ ED HOGAN RD
BARROW COUNTY