

Sharon

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

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JAN 27 1994

INTERDEPARTMENT CORRESPONDENCE

FILE NH-005-5 (32), BULLOCH COUNTY
P.I. NO. 522740
INTERSECTION IMPROVEMENTS

OFFICE **PRECONSTRUCTION** Operations
Atlanta, Georgia
DATE January 25, 1994

FROM *JHW for* Marion G. Waters, III, P.E., State Traffic Operations Engineer

TO Craig Brack, P.E., District Engineer - Jesup
Attention: Gene Vinson

SUBJECT APPROVED CONCEPT REPORT

Attached is a copy of the approved Concept Report on the above listed project and a copy of our files for your further handling. Please disregard our previous letter dated January 21, 1994 as it transmitted an incorrect project number.

If you should have any questions concerning this, please contact Harry Graham of this office at 651-9599.

MGW:HG

Attachments

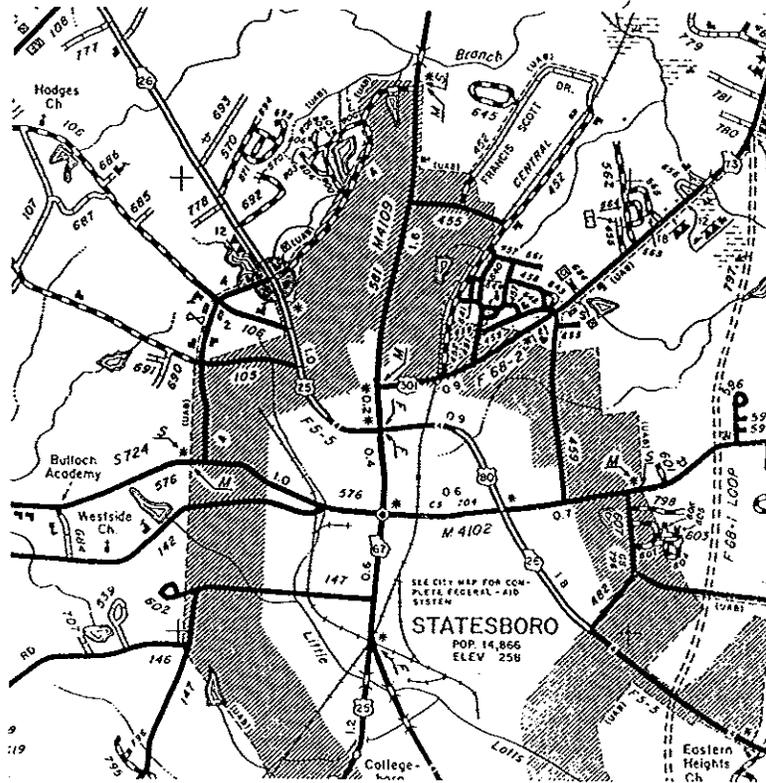
- cc: Frank Danchetz
- John Lively, W/atts
- Bob Mustin, W/atts
- Wayne Hutto, W/atts
- Herman Griffin, W/atts
- Andy Tanner - Jesup, W/atts
- General Files, W/Originals

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT
NH-005-5 (32)
() BULLOCH COUNTY

FEDERAL ROUTE NO:
STATE ROUTE NO: 26
GADOT P.I. NO: 522740



DATE OF REPORT: 16 NOV 1992

RECOMMENDED: 11-17-92 Marion S. Waters
DATE STATE TRAFFIC AND SAFETY ENGINEER

RECOMMENDED: 11-23-92 G.C. Lewis
DATE STATE HIGHWAY ENGINEER

APPROVED: 11-23-92 Wayne Shackelford
DATE COMMISSIONER

PROJECT CONCEPT REPORT

P.I.NO: 522740-5.3

PROJECT NO: NH-005-5 (32)

ROUTE NO: SR 26

LOCATION: SR 26 AT STOCKYARD RD./ZETEROWER RD. INTERSECTION IN BULLOCH CO.

TRAFFIC - HIGHEST ONE HOUR:

STOCKYARD RD.-EASTBOUND	81
ZETEROWER RD.-WESTBOUND	116
SR 26-NORTHBOUND	291
SR 26-SOUTHBOUND	543

EXISTING TYPICAL SECTION: SR 26 - 4 LANE DIVIDED ROADWAY WITH GRASS MEDIAN AND 8 FT. GRASSED SHOULDERS.
STOCKYARD RD./ZETEROWER RD. - 2 LANE ROADWAY WITH 5 FT. GRASSED SHOULDERS.

EXISTING RIGHT-OF-WAY: SR 26 - ESTIMATED 200 FT.
STOCKYARD RD. - ESTIMATED 50 FT.
ZETEROWER RD. - ESTIMATED 60 FT.

EXISTING TRAFFIC CONTROL: OVERHEAD FLASHING YELLOW BEACON ON SR 26.
STOP AND GO SIGN CONTROL AND OVERHEAD FLASHING RED BEACON ON STOCKYARD RD. AND ZETEROWER RD.

EXISTING MAJOR STRUCTURES: NONE

STATEMENT OF NEED: MOTORIST CANNOT CROSS SR 26 SAFELY BECAUSE OF THE LACK OF GAPS DUE TO THE WIDTH OF THE ROADWAY, HIGH TRAFFIC VOLUMES, AND HIGH SPEED TRAFFIC. THE PROPOSED SIGNAL AND WIDENING WILL IMPROVE THE OPERATION AND SAFETY OF THE INTERSECTION AND REDUCE THE ACCIDENT RATE.

PURPOSE OF PROJECT: TO WIDEN SYMMETRICALLY ON THE CROSS ROADS FOR A LEFT TURN LANE. EXTEND THE LEFT TURN LANE ON THE NORTHBOUND APPROACH ON SR 26. RECONSTRUCT THE GRADE TIE-IN ON STOCKYARD ROAD. INSTALL A STOP AND GO SIGNAL.

LENGTH: 0.12 MILES

PDP CLASS: MINOR EXISTING

FUNCTIONAL CLASS: URBAN FAP CONNECTING LINK

MAX DEGREE OF CURVE: 2 DEGREE

MAX GRADES: 6%

DESIGN SPEED: SR 26 - 55 MPH

STOCKYARD RD/ZETEROWER RD. - 35 MPH

PROPOSED TYPICAL SECTION: SEE ATTACHED

PROPOSE MAJOR STRUCTURES: NONE

TYPE ACCESS: FREE ACCESS BY PERMIT

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

RIGHT-OF-WAY REQUIREMENT: THE COUNTY WILL ACQUIRE ALL ADDITIONAL RIGHT OF WAY REQUIRED.

UTILITIES: THE COUNTY WILL HAVE ALL UTILITIES IN CONFLICT RELOCATED.

ESTIMATED COST:

<u>ITEM</u>	<u>TOTAL AMOUNT</u>
R/W.....\$	(6000 BY COUNTY, LGPA)
UTILITIES.....\$	(* BY COUNTY, LGPA)
	(* NO ESTIMATE AT THIS TIME)
	ALL UTILITIES ON EXIST. R/W
SUB TOTAL.....	0
CONSTRUCTION.....\$	96500
TRAFFIC SIGNAL.....	45000
INFLATION.....	0
E&C.....	14500
TOTAL CONSTRUCTION.....\$	156000

PERMITS REQUIRED: GENERAL

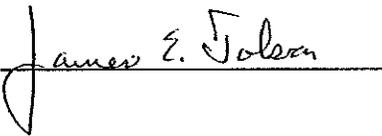
LEVEL OF ENVIRONMENTAL ANALYSIS: ANALYSIS REQUIRED FOR REQUIRED RIGHT OF WAY AND SIGNAL.

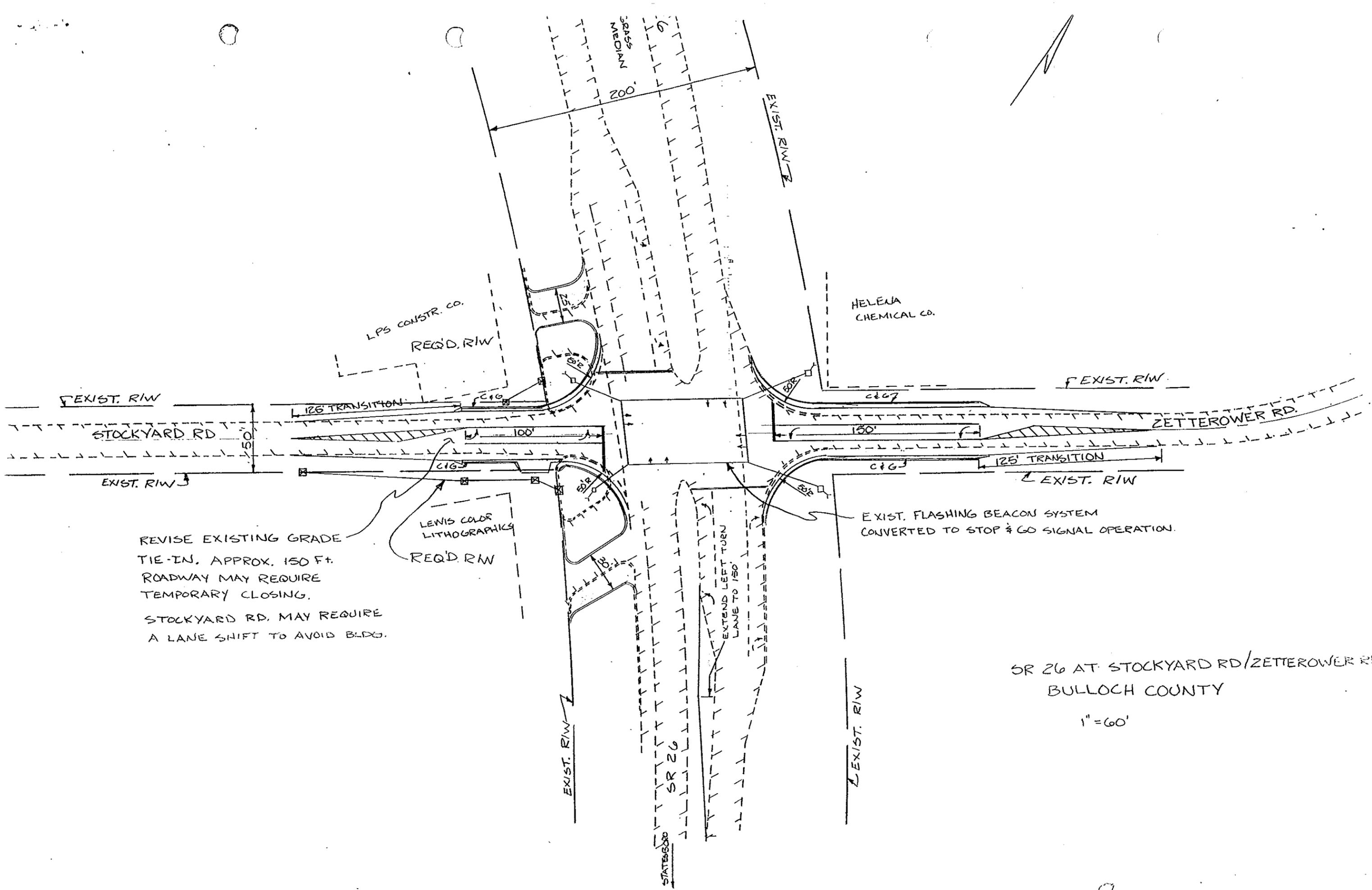
LEVEL OF PUBLIC INVOLVEMENT: NA

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

DESIGN VARIANCES REQUIRED: NA

ALTERNATIVES CONSIDERED: NA

PREPARED BY:




REVISE EXISTING GRADE
 TIE-IN, APPROX. 150 FT.
 ROADWAY MAY REQUIRE
 TEMPORARY CLOSING.
 STOCKYARD RD. MAY REQUIRE
 A LANE SHIFT TO AVOID BLDG.

EXIST. FLASHING BEACON SYSTEM
 CONVERTED TO STOP & GO SIGNAL OPERATION.

SR 26 AT STOCKYARD RD/ZETTEROWER RD
 BULLOCH COUNTY

1"=60'