ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-073-2(7) Appling County
P. I. No. 532460

OFFICE Preconstruction

DATE October 21, 1997

FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT **REVISED PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

Walker Scott
Bobby Mustin
David Studstill (ATTN: Harvey Keepler)
Jerry Hobbs
Herman Griffin
Marta Rosen (ATTN: Michael Henry)
Marion Waters
Toni Dunagan
Paul Liles
Jim Hitt (Traffic Ops)
Craig Brack

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE **STP-073-2(7), Appling County**
P. I. # 532460

OFFICE Jesup

DATE October 1, 1997

FROM Craig C. Brack, P.E., District Engineer, Jesup (A.R.)

TO Walker W. Scott, P.E., Director of Preconstruction

SUBJECT **REVISED PROJECT CONCEPT REPORT - S.R. 15 IMPROVEMENTS SOUTH OF BAXLEY, GA.**

This project is for the construction of northbound and southbound passing lanes on S.R. 15 south of Baxley, from CR 531 (MP 16.73) to CR 417 (MP 19.59). The total length of this project is approximately 4.6km. Posted speed limit is 90 km/h and there is 30m of existing rights-of-way.

The approved concept proposes improvements as follows:

The passing lanes would be constructed by adding an additional lane which would be 3.6m wide with rural shoulders that are 3.0m wide. Offside shoulder widths would be improved to 3.0m. The southbound passing lane is from CR 531 (MP 16.73) and to MP 18.04. The northbound passing lane begins at MP 17.75 and extends to MP 19.59 (CR 417). The base traffic at that time was 6400 AADT (2004) and the projected traffic was 8960 AADT (2024).

Since then, a Junior High School has been constructed near the intersection of SR 15/CR 189 and other residential/commercial developments have been built along the corridor. There has been an increase in the traffic volume for the base year (2004) 8250 AADT and the 20 year projected traffic (2024) 12,350 AADT.

The approved concept is proposed to be revised as follows:

From CR 531 (MP 16.73) to CR 417 (MP 19.59), widen and improve the existing SR 15 to a rural/urban 5-lane typical section. Beginning at CR 531/Red Oak Road, symmetrically widen the existing SR 15 from a rural 2-lane roadway with 2.74m shoulders to a rural 5-lane roadway (2-3.6m lanes in both directions divided by a 4.26m flush median) with 3.0m shoulders right and left. At CR 145, widening would shift to the east side of the existing SR 15 opposite Pleasant Grove Church and cemetery by flattening the existing curve. North of the cemetery, symmetrical widening would resume and continue to CR 572/Wanda Street, where an urban 5-lane section would begin. The symmetrical widening would continue north to CR 417/Hokie Floyd Road, where it ties into the existing 5-lane section. The speed design would be 90km/h and access would be by permit. Total length of this project is approximately 4.6km. Existing rights-of-way is 30m and an additional 15m of rights-of-way for the rural typical section would be required. The urban typical section would require easements and miters.

continued ...

Estimated Costs:	Proposed	Approved	Program Date
Constr. (Infl. E & C)	$1,796,000	$ 737,000	LR
Right-of-Way	$ 180,000	$ 96,000	LR
Utilities	LGPA	LGPA	

A Local Government Project Agreement is anticipated when project is added to the Construction Work Program.

Recommendation: Recommend the proposed revision to the concept be approved for implementation.

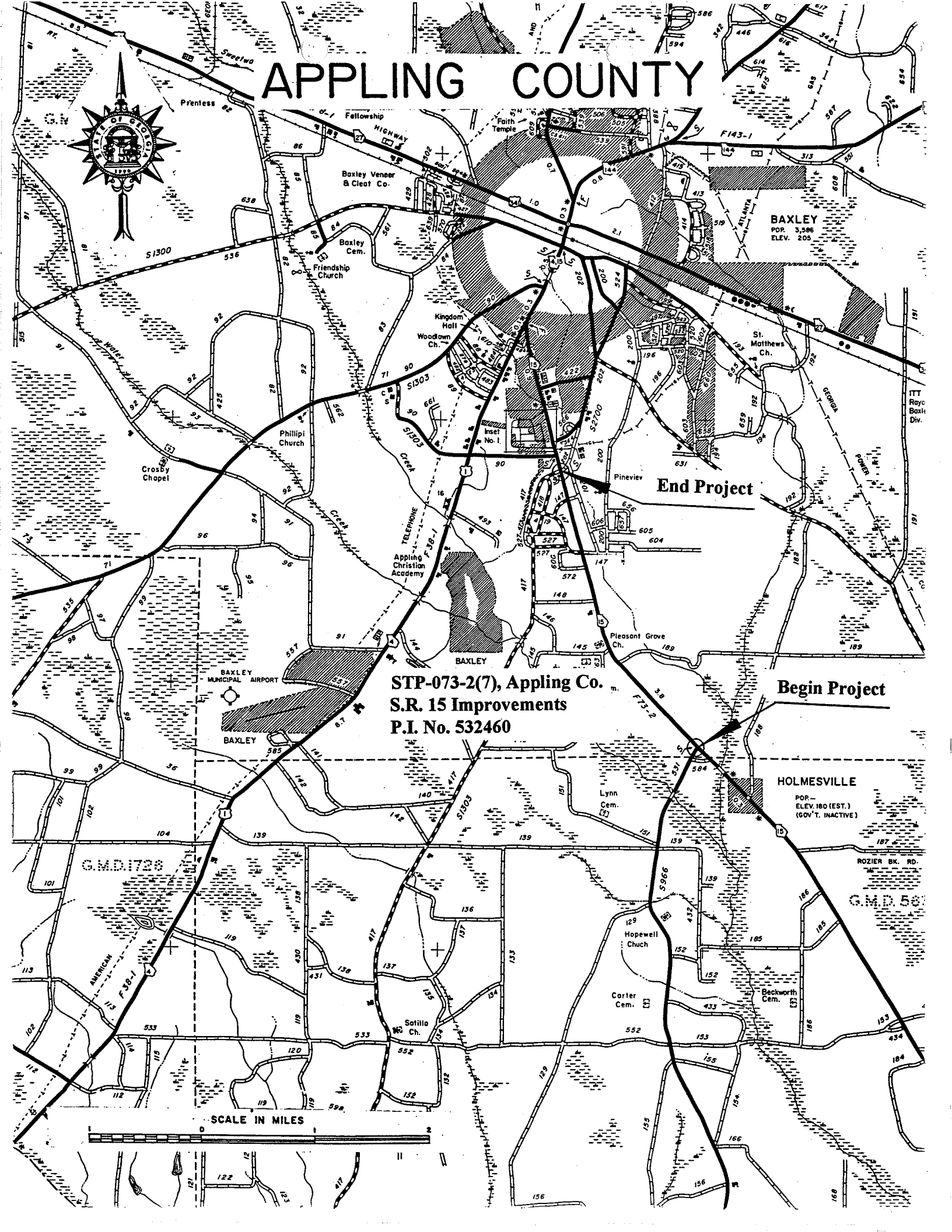
Concur: Walker W. Scott
Walker W. Scott, Director of Preconstruction

Concur with rural typical section only. If urban section is used, posted speed to be reduced to 45mph or less.

Approve: Frank L. Danchetz
Frank L. Danchetz, Chief Engineer

AR:bc

Attachments: Sketch Map, Cost Estimate


APPLING COUNTY
STP-073-2(7), Appling Co.
S.R. 15 Improvements
P.I. No. 532460
Begin Project
End Project
BAXLEY
POP. 3,586
ELEV. 205
HOLMESVILLE
POP.–
ELEV. 180 (EST.)
(GOV'T. INACTIVE)
Baxley Veneer & Cleat Co.
Baxley Cem.
Friendship Church
Fellowship
Faith Temple
Kingdom Hall
Woodlawn Ch.
St. Matthews Ch.
Phillipi Church
Crosby Chapel
Inset No. 1
Pineview
Appling Christian Academy
Pleasant Grove Ch.
BAXLEY MUNICIPAL AIRPORT
Lynn Cem.
Hopewell Chuch
Carter Cem.
Beckworth Cem.
Satilla Ch.
ROZIER BK. RD.
SCALE IN MILES

PRELIMINARY COST ESTIMATE

DATE: OCTOBER 1, 1997

PROJECT NUMBER: STP-073-2(7) APPLING CO.

P.I. NUMBER: 532460

PROJECT DESCRIPTION: FROM CR 531/RED OAK RD. NORTH TO CR 417/HOKIE FLOYD ROAD

PROPOSED CONCEPT: WIDEN EXISTING ROADWAY TO A RURAL/URBAN 5-LANE TYPICAL SECTION

EXISTING ROADWAY (If Applicable): SR 15

TRAFFIC: EXISTING (2004) 8250 AADT DESIGN (2024) 12,350 AADT

( )PROG. PROCESS( )CONCEPT DEVELOPMENT(X)DURING PROJECT DEVELOPMENT

PROJECT COSTS

A.	RIGHT OF WAY:	
	1. PROPERTY (Land & Easements)	$ 180,000
	2. DISPLACEMENTS & RELOCATION	$ -------
	3. OTHER COSTS (Adm./Court, Inflation)	$ -------
	SUBTOTAL	$ 180,000
B.	REIMBURSABLE UTILITIES:	
	1. RAILROAD	$ LGPA ANTICIPATED
	2. TRANSMISSION LINES	$ LGPA
	3. SERVICES (Colonial Pipeline)	$ LGPA
	SUBTOTAL	$
C.	MAJOR STRUCTURES:	
	1. WALLS	$ --------
	2. BRIDGE STREAM CROSSINGS	$ --------
	3. BRIDGE OVER/UNDERPASS	$ --------
	4. BOX CULVERTS SINGLE 6' X 4'	$ 10,000
	SUBTOTAL	$ 10,000

D. GRADING AND DRAINAGE:

1. EARTHWORK $ 75,000

2. DRAINAGE

a. CROSS DRAIN PIPES (exc. box culverts) $ 10,000

b. CURB & GUTTER 9510 LF X $9.80/LF $ 93,198

c. LONGITUDINAL SYSTEM (incl. Catch Basins) $ 20,000

SUBTOTAL $ 198,198

E. BASE AND PAVING:

1. AGGREGATE BASE G.A.B. 80,600 SY X $5.00 $ 403,000

2. ASPHALT PAVING ASPH. CONC."E"6800 T X $35.00/T $ 714,000
ASPH. CONC. BASE-13600 T X 35.00/T

3. CONCRETE PAVING DRIVEWAYS $ 50,000

4. OTHER $ -------

SUBTOTAL $ 1,167,000

F. LUMP ITEMS:

1. TRAFFIC CONTROL $ 20,000

2. CLEARING & GRUBBING 17 AC @ $3000/AC $ 51,000

3. LANDSCAPING $ -------

4. EROSION CONTROL $ 19,000

5. DETOURS (Incl. Temp. Bridges) $ -------

SUBTOTAL $ 90,000

G. MISCELLANEOUS:

1. LIGHTING $ -------

2. SIGNING - STRIPING $ 15,000

3. GUARDRAIL $ -------

4. OTHER - SIGNAL $ -------

SUBTOTAL $ 15,000

H. SPECIAL FEATURES:

ESTIMATE SUMMARY

A. RIGHT OF WAY	$ 180,000
B. REIMBURSABLE UTILITIES	$ LGPA

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	$ 10,000
D. GRADING AND DRAINAGE	$ 198,200
E. BASE AND PAVING	$ 1,167,000
F. LUMP ITEMS	$ 90,000
G. MISCELLANEOUS	$ 15,000
H. SPECIAL FEATURES	$ -------
SUBTOTAL CONSTR. COST	$ 1,480,200
E & C (10%)	$ 148,020
INFLATION (5% PER YEAR)	$ 166,893
TOTAL CONSTRUCTION COST =	$ 1,795,113 (1,796,000)
GRAND TOTAL PROJECT COST =	$ 1,975,113

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No.STP00-0073-02(007)
P. I. NUMBER 532460

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

Date of Location Approval: OCTOBER 21, 1997

Date of Environmental Approval: _____

The project consist of improvements of SR15, located in Appling County. The project is for the widening and rehabilitation of SR15 within the city limits of Baxley GA out into the county at the location of Red Oak Road/CR531 intersection.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

David Deloach
GDOT
David.Deloach@dot.state.ga.us
740 Oakdale Circle
Baxley GA 31513
Phone: 912-366-1090

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Brad Saxon
GDOT
Brad.Saxon@dot.state.ga.us
P.O. Box 610
Jesup GA 31598
Phone: 912-427-5715

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.