D.O.T. 66

ORIGINAL COPY TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1(2) Wilcox Countyy
P.I. No. 421670

OFFICE Preconstruction

DATE July 7, 1989

FROM J. B. Johnson, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - SR 215 at House Creek Tributary

Attached for your files is the approval for subject project.

JBJ/cj

Attachment

DISTRIBUTION:

TIME SAVING PROCEDURES

Charles Lewis
Bob Humphrey
Frank Danchetz
Gene Skeen
Floyd Hardy (ATTN: Herman Griffin)
Ron Colvin
Walker Scott
Paul Liles
Harold Linnenkohl
Don Senkbeil

D.O.T. 65

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1(2) Wilcox County
P.I. No. 421670
Needs Rating-54 Suff. Rating-2.0

OFFICE Preconstruction

DATE June 28, 1989

FROM G. C. Lewis, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT SR 215 AT HOUSE CREEK TRIBUTARY - PROJECT CONCEPT REPORT

This project is the replacement of a narrow and structurally deficient load limited bridge on SR 215 at a House Creek Tributary between Fitzgerald and Rochelle. The existing bridge is 23.8'x135' with timber piling, concrete caps and concrete deck and is temporarily shored. Approaches have 24' of pavement and 5' shoulders on 80' of right-of-way. Current and future traffic is 850 VPD (1992) and 1250 VPD (2012).

The proposed replacement structure will be a double-double 9'x8'x52' concrete bridge culvert on existing alignment. Approaches will be reconstructed to have 24' of pavement and 8' shoulders for a project length of 0.22 miles. Although the concept report includes an on-site detour; it is recommended that SR 215 be closed at the project site with thru-traffic being detoured via SR 90 and SR 233 with local traffic using the local road network. (See attached detour sketch map). The estimated cost of the project, excluding the on-site detour, is:

	PROPOSED	APPROVED	PROG. DATE
Constr(Inf1&E/C)	$224,000	$337,000	FY 90
Right-of-way	$ 1,500	No Est.	
Utilities	LGPA	LGPA	

I recommend that we approve this project concept report for implementation, to include local road detours. It is further recommended that this project be coordinated with project BRF-137-1(3) Wilcox County and let simultaneously. Time saving procedures are appropriate.

GCL/WLP/se

Attachment

CONCUR: Alva R Byrom
Alva R. Byrom, State Highway Engineer

APPROVED: Hal Rives
Hal Rives, Commissioner

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Rec'd 6-23-89 cj

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1 (2) Wilcox County
P.I. No. 421670
Bridge Replacement over House Creek Tributary

OFFICE Atlanta, Georgia

DATE June 21, 1989

FROM Robert E. Humphrey, Project Review Engineer

TO G. C. Lewis, Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

We have reviewed the attached Concept Report for this Minor project and have the following comment:

Consideration should be given to using State Routes 233 and 90 as a detour route rather than building an on-site detour.

We have received signed cover sheets from the following offices:

1. Bridge Design
2. Traffic and Safety
3. Environmental

This report is satisfactory for approval subject to the above comment.

The estimated costs of this project are as follows:

		Excl. on-site detour
Construction	~~$262,000~~	194,000
Inflation (5% per year)	~~13,100~~	9,700
E & C (10%)	~~27,510~~	20,400
Preliminary Engineering (5%)	~~13,755~~	10,200
Right of Way	1,500	
Utilities	LGPA (Anticipated)	

MJB/jmf

Attachment

c: Don Senkbeil

DEPARTMENT OF TRANSPORTATION

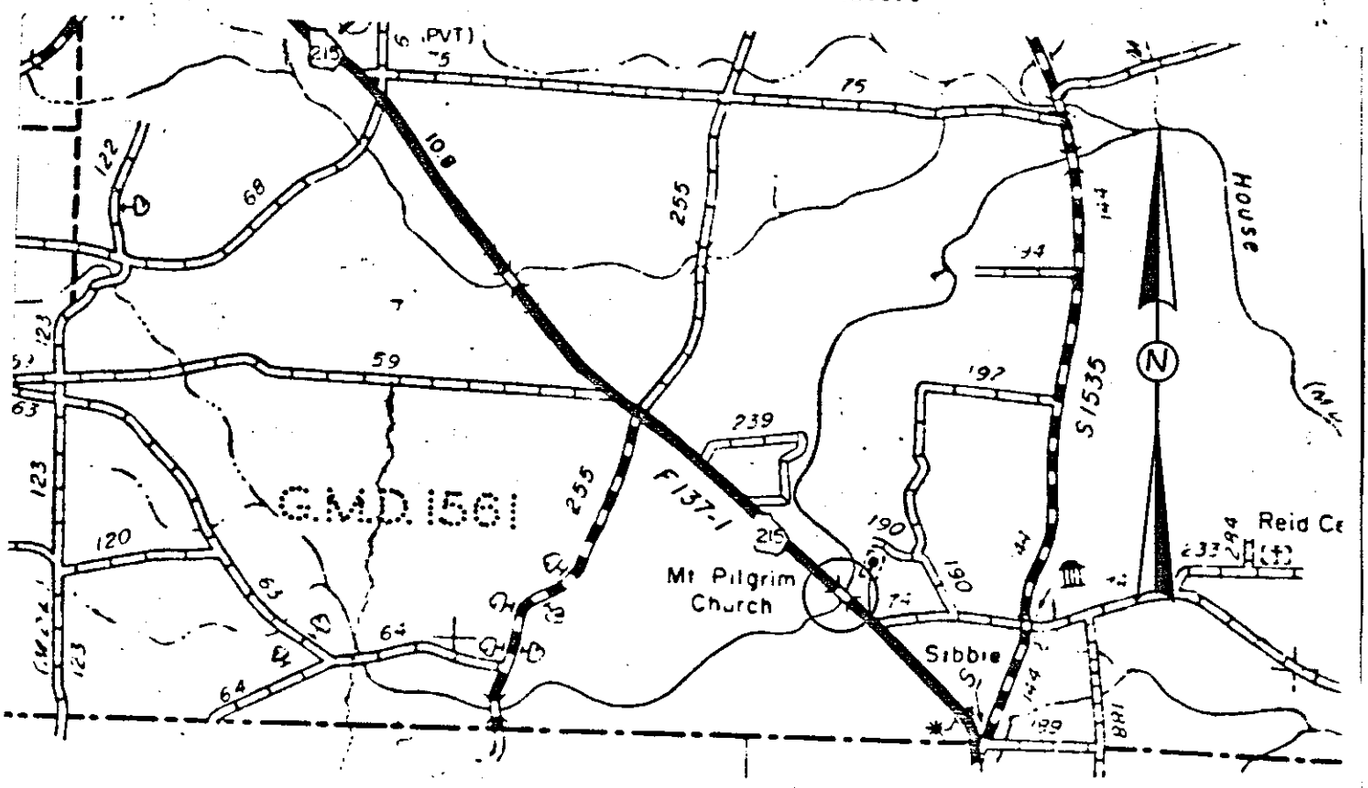
STATE OF GEORGIA

MAR 1989
Engineering Services
D. O. T.

PROJECT CONCEPT REPORT

BRF-137-1 (2) Wilcox County
Bridge Replacement over House Creek Tributary

Federal Route No: F-137-1
State Route No: S.R. 215
GaDOT P. I. No: 421670



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

3/30/89
Date — Project Manager (District Engineer or Office Head)

Date — State Environmental Engineer

Date — State Engineer

DEPARTMENT OF TRANSPORTATION

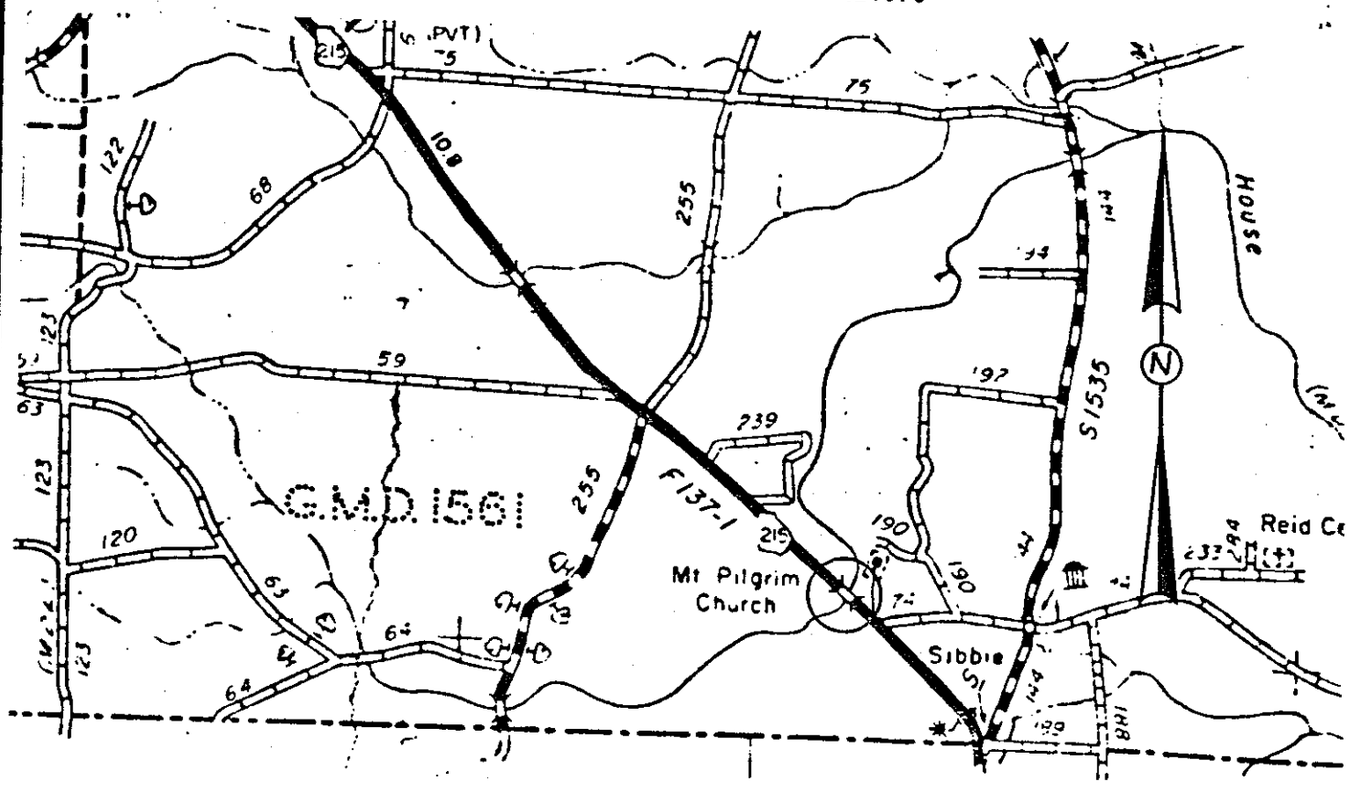
STATE OF GEORGIA

APR 1989
Office of Engineering Services
G. D. O. T.

PROJECT CONCEPT REPORT

BRF-137-1 (2) Wilcox County
Bridge Replacement over House Creek Tributary

Federal Route No: F-137-1
State Route No: S.R. 215
GaDOT P. I. No: 421670



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

3/30/89 — Project Manager (District Engineer or Office Head)

Date — State Environmental Engineer

4/4/89 — Ron Colvin
Date — State Traffic & Safety Engineer

D.O.T. 66

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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1 (2)
Wilcox County
P.I. No. 421670

OFFICE Atlanta, Ga.

DATE April 4, 1989

FROM Ron Colvin, P.E., State Traffic & Safety Engineer

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT **Project Concept Report Review**

We have reviewed the concept report on the above project for the proposed replacement of a narrow bridge structure on S.R. 215 at House Creek with a bridge culvert. We believe the replacement of this structurally and functionally deficient bridge will improve safety for the traveling public at this location. We, therefore, find this report satisfactory for approval.

JJD:CKE:lw
Attachment (signature page)
cc: Don Senkbeil

DEPARTMENT OF TRANSPORTATION

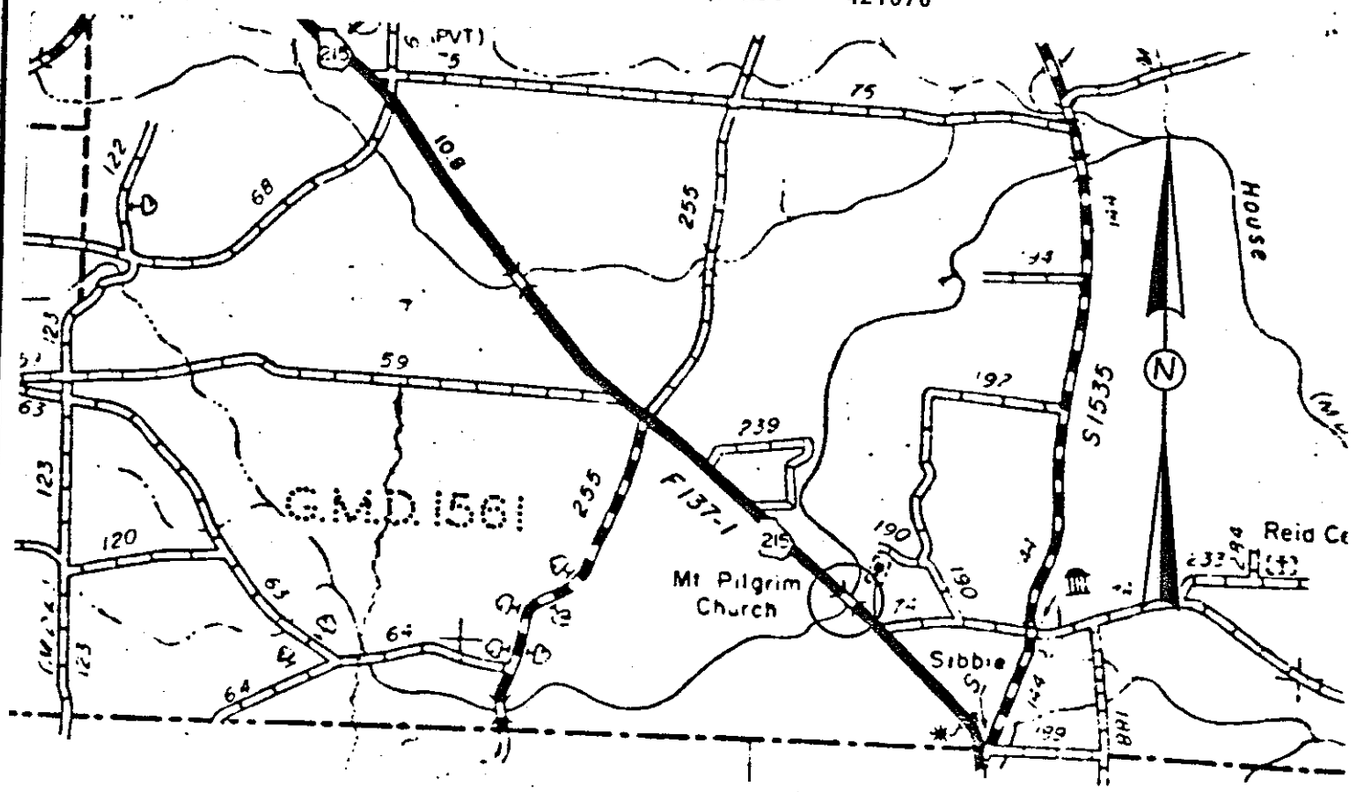
STATE OF GEORGIA

APR 1989
REC'D.
Office of
Engineering Services
D. O. T.

PROJECT CONCEPT REPORT

BRF-137-1 (2) Wilcox County
Bridge Replacement over House Creek Tributary

Federal Route No: F-137-1
State Route No: S.R. 215
GaDOT P. I. No: 421670



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

3/30/89 — Project Manager (District Engineer or Office Head)

4-4-89 — Frank L. Danchetz Jr. — State Environmental Engineer

Date — State Engineer

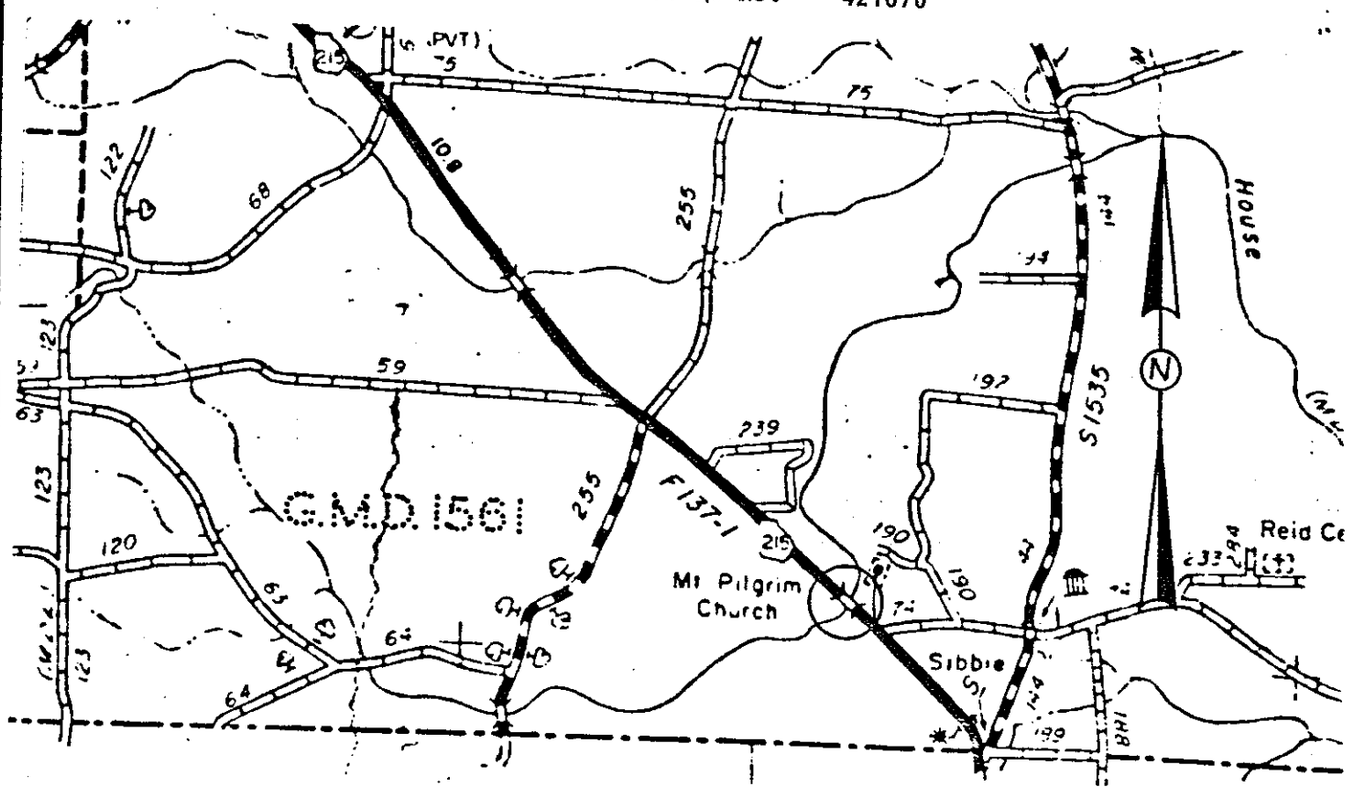
DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT

BRF-137-1 (2) Wilcox County
Bridge Replacement over House Creek Tributary

Federal Route No: F-137-1
State Route No: S.R. 215
GaDOT P. I. No: 421670



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

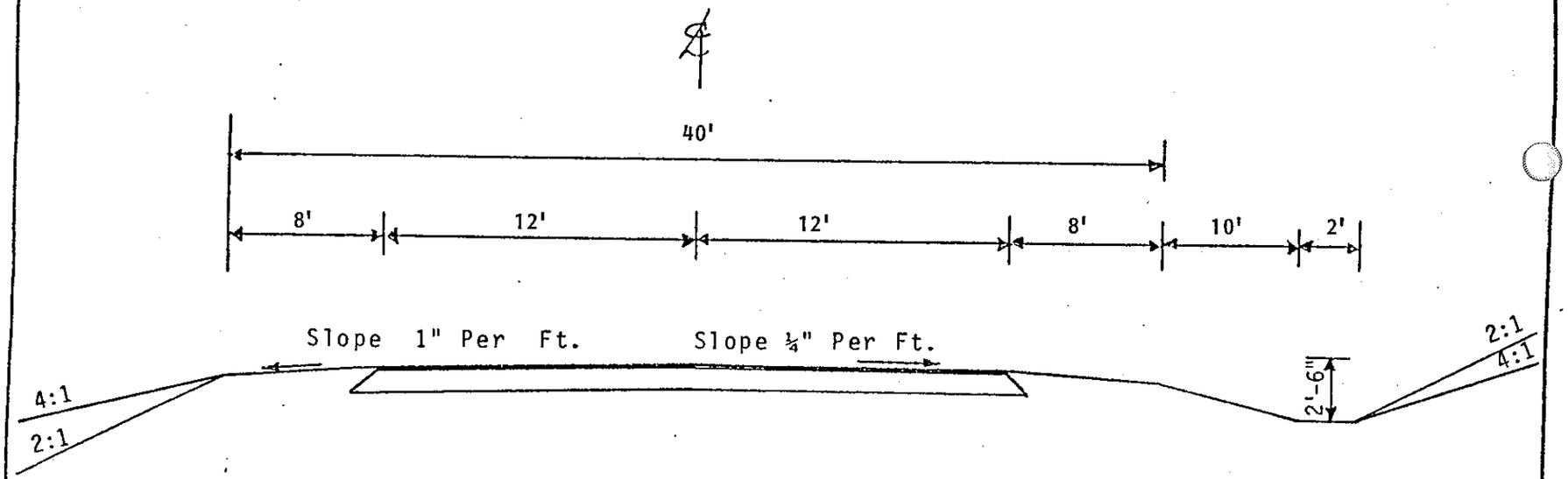
Date 3/30/89 — Project Manager (District Engineer or Office Head)

Date — State Environmental Engineer

Date 3/31/89 — State Bridge Engineer

Project No: BRF-137-1 (2)
County: Wilcox

TYPICAL SECTION



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DEPARTMENT OF TRANSPORTATION
DISTRICT FOUR
TRANSMITTAL

TO: Raymond Stone, Design Engineer

DATE: 2-21-89

PROJECT: BRF-137-1(2)

COUNTY: WILCOX

P.I. NO.: 421670

ATTENTION:

DESCRIPTION: S.R. 215 - BRIDGE OVER HOUSE CREEK TRIBUTARY. (315-0021S-000.96N)

GENTLEMEN:

We are sending you ☑ Attached ☐ Under separate cover the following items:

☒ Preliminary Schedule

☐ Correspondence
☐ Special Provisions
☐ Typical Sections
☐ Summary of Quantities
☐ Detailed Estimate
☐ Plan Sheets
☐ Profile Sheets
☐ Preliminary Plans
☐ Right of Way Plans
☐ Construction Plans
☐ Utility Plans
☐ Geometric Layout
☐ Revision(s)
☐ Prints
☐ Original Tracings

COPIES	DESCRIPTION

These are transmitted as check below:

☐ As requested ☐ For your use ☑ For approval ☐ For review and comment

☐ For revision ☐

REMARKS: The attached schedule is for your review in accordance with M.O.G. 4060 dated September 11, 1984.

NEW SCHEDULE

Copies to:
Frank Danchetz (Location)
Rodney Tarrer (R/W)
Paul Liles (Bridge)
Bob Alston (Asst. Pre-Const. Engr.)
Frank Golder (Programming)
Jerry Lindsey
Gaskins or Carr
Melvin Collins

Signed: Freddie A. Walker
Freddie A. Walker
Planning and Scheduling Engineer

MONTH February 1989

REVISION REQUEST
FOR THE
CONSTRUCTION WORK PROGRAM

IN ACCORDANCE WITH THE BOARD RESOLUTION DATED AUGUST 16, 1973, BOARD APPROVAL IS REQUESTED TO REVISE THE CONSTRUCTION WORK PROGRAM FOR THE PROJECT AND ACTIVITY OUTLINED BELOW:

[x] ADDITION TO THE PROGRAM

[ ] DELETION FROM THE PROGRAM

[ ] SHIFT IN THE PROGRAM [ ] PE [ ] ROW [ ] CONST. FROM FY _____ TO FY _____

[ ] CHANGE IN COST ESTIMATE

[ ] OTHER

PROJECT DATA

COUNTY	PROJECT NO. P.I. NO.	TYPE WORK	DESCRIPTION
Wilcox	BRF-137-1(2) 421670	Bridge Replacement (existing 135' X 23.8' bridge)	State Route 215: Bridge over House Creek Tributary. (315-00215-000.96N)

Fund 1 = 118
Fund 2 = 114

Needs Rating 54

Suff. Rating 2.0

ESTIMATED COST ($1,000's)	LOW ROAD	HIGH ROAD	FISCAL YEAR	CONG. DISTRICT	FIELD DISTRICT
PE $8	X		1989		
ROW					
CONST $337	X		1990	8	4

REASON FOR REVISIONS:

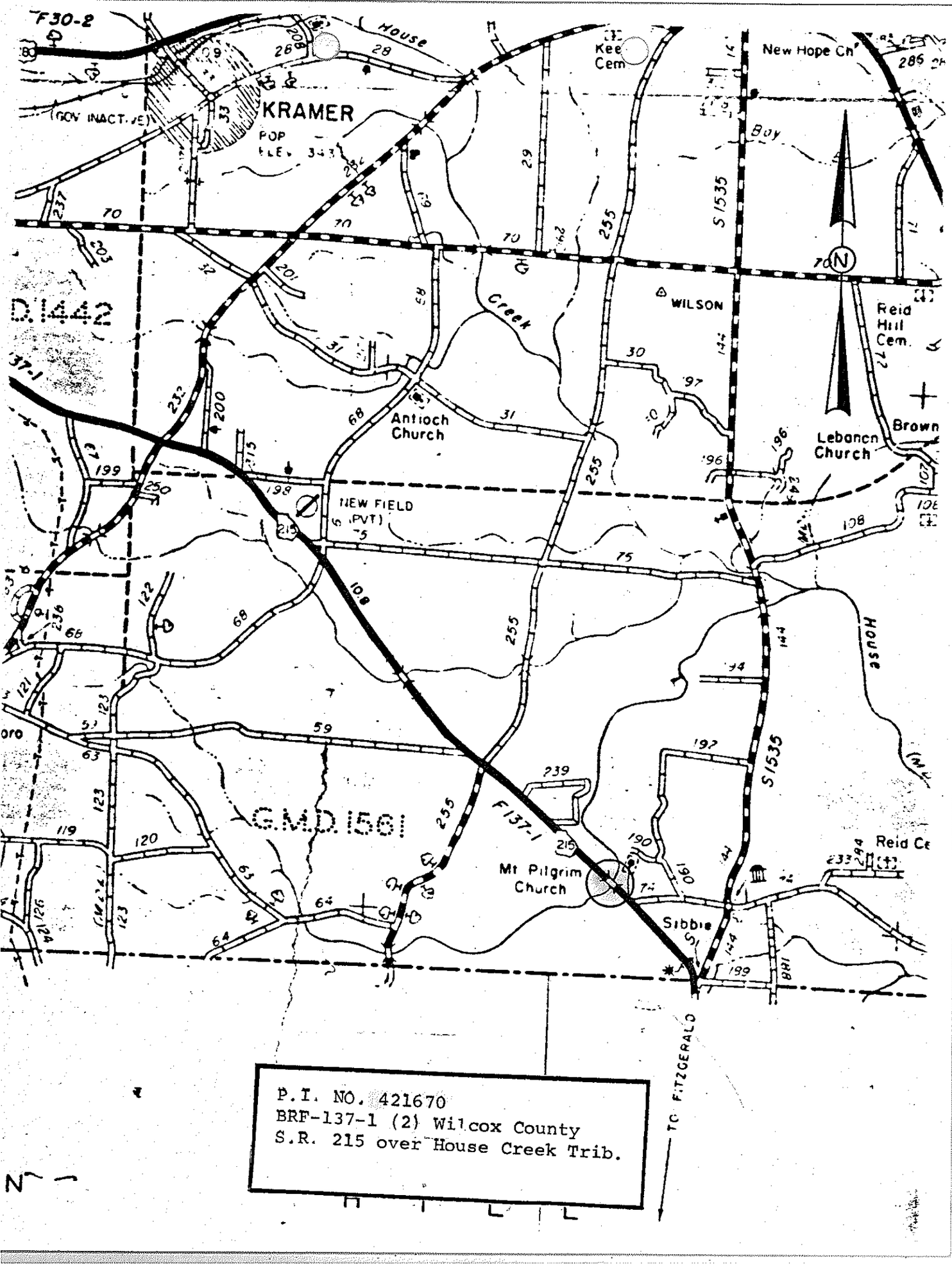
To add this project to the Construction Work Program as approved by the Commissioner on January 19, 1989.

This bridge is load limited.

RECOMMENDED _____
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

RECOMMENDED _____
COMMISSIONER

GDOT BOARD
FEB 16 1989
APPROVED



P.I. NO. 421670
BRF-137-1 (2) Wilcox County
S.R. 215 over House Creek Trib.

PROJECT NO. BRF 137-1(2) COUNTY Wilcox
P.I. NO. 421670

PROJECT SCHEDULE
1989

LENGTH 0.5
R/W PARCELS 4

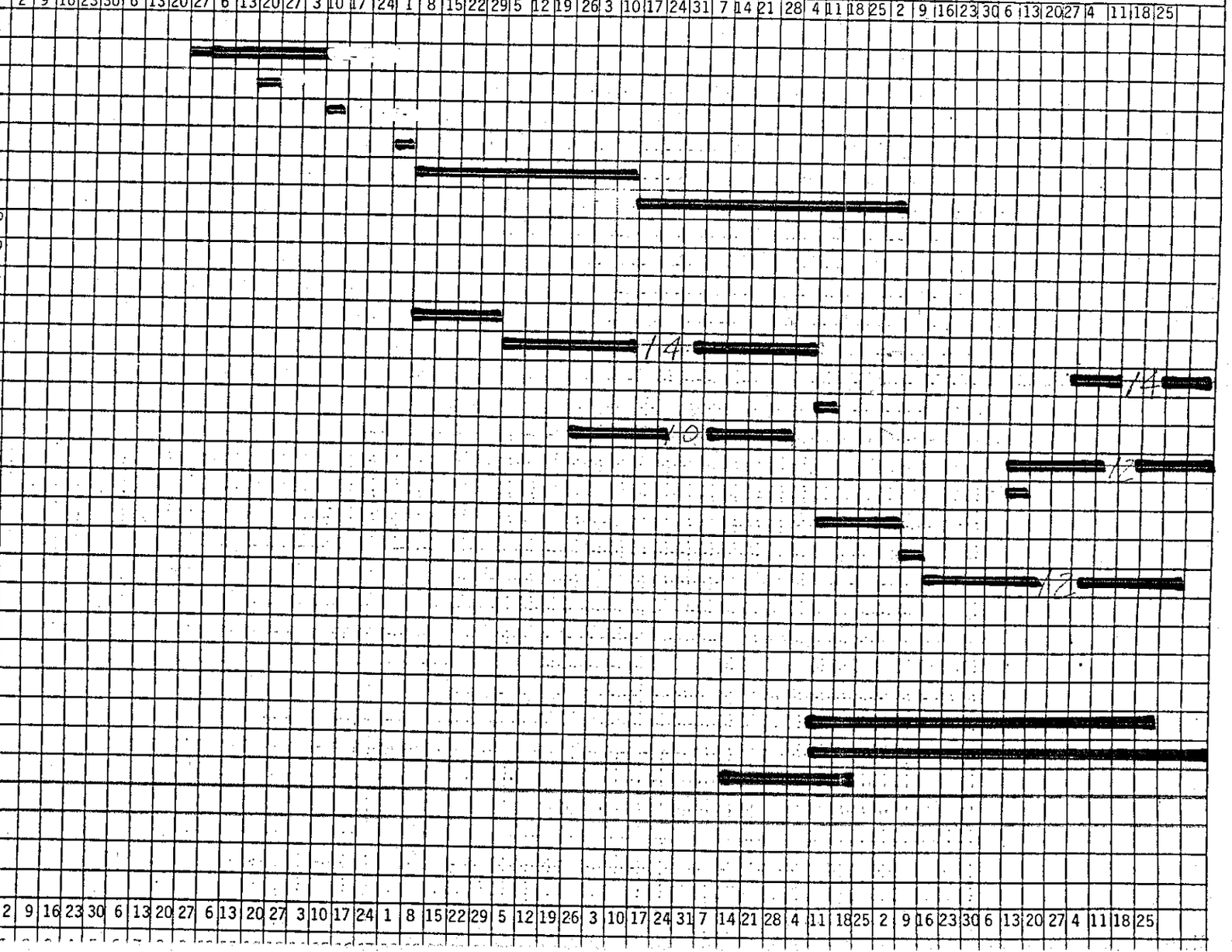
DESCRIPTION: S.R. 215 - BRIDGE OVER HOUSE CREEK TRIBUTARY (315-00215-000.96N)

ACTIVITY/EVENT	
CONCEPT PHOTOS	N.R
DEFINE CONCEPT/REPORT	
HOLD CONCEPT MEETING	
CONCEPT TO ENG. SERV.	
RECV ENG SERV CONCEPT APPROVAL	
MANAGEMENT APPROVAL	
ENVIRONMENTAL	
HOLD PUBLIC HEARING	N.R
FINAL ALT APPROVAL	N.R.
PHOTOGRAMMETRY (MAPPING)	N.R
FIELD SURVEYS	
PREL. CONST./R/W PLANS	
FINAL CONST PLANS	
HOLD DESIGN FPR	
PREL. BR. LAYOUT/HYDRAULICS	
BRIDGE STRUCTURAL DESIGN	
STAKE R/W	
APPR R/W PLANS	
R/W AUTH	
APPRAISAL OF PARCELS	
NEGOTIATIONS	
ACQ. OF R/W BY LOCALS	
CERTIFY R/W	
EARLIEST LET DATE	
Bridge Foundation Investigation	
Soil Investigation	
L & D Approval	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54

JAN. FEB. MAR. APR. MAY JUN. JULY AUG. SEPT. OCT. NOV. DEC.

2 9 16 23 30 6 13 20 27 6 13 20 27 3 10 17 24 1 8 15 22 29 5 12 19 26 3 10 17 24 31 7 14 21 28 4 11 18 25 2 9 16 23 30 6 13 20 27 4 11 18 25



2 9 16 23 30 6 13 20 27 6 13 20 27 3 10 17 24 1 8 15 22 29 5 12 19 26 3 10 17 24 31 7 14 21 28 4 11 18 25 2 9 16 23 30 6 13 20 27 4 11 18 25

PROJECT NO. BRF-137-1(2) COUNTY Wilcox P.I. NO. 421670

PROJECT SCHEDULE 1990

LENGTH 0.5 R/W PARCELS 4

DESCRIPTION: S.R. 215 & Bridge Over House Creek Tributary

ACTIVITY/EVENT
CONCEPT PHOTOS
DEFINE CONCEPT/REPORT
HOLD CONCEPT MEETING
CONCEPT TO ENG. SERV.
RECV ENG SERV CONCEPT APPROVAL
MANAGEMENT APPROVAL
ENVIRONMENTAL
HOLD PUBLIC HEARING
FINAL ALT APPROVAL
PHOTOGRAMMETRY (MAPPING)
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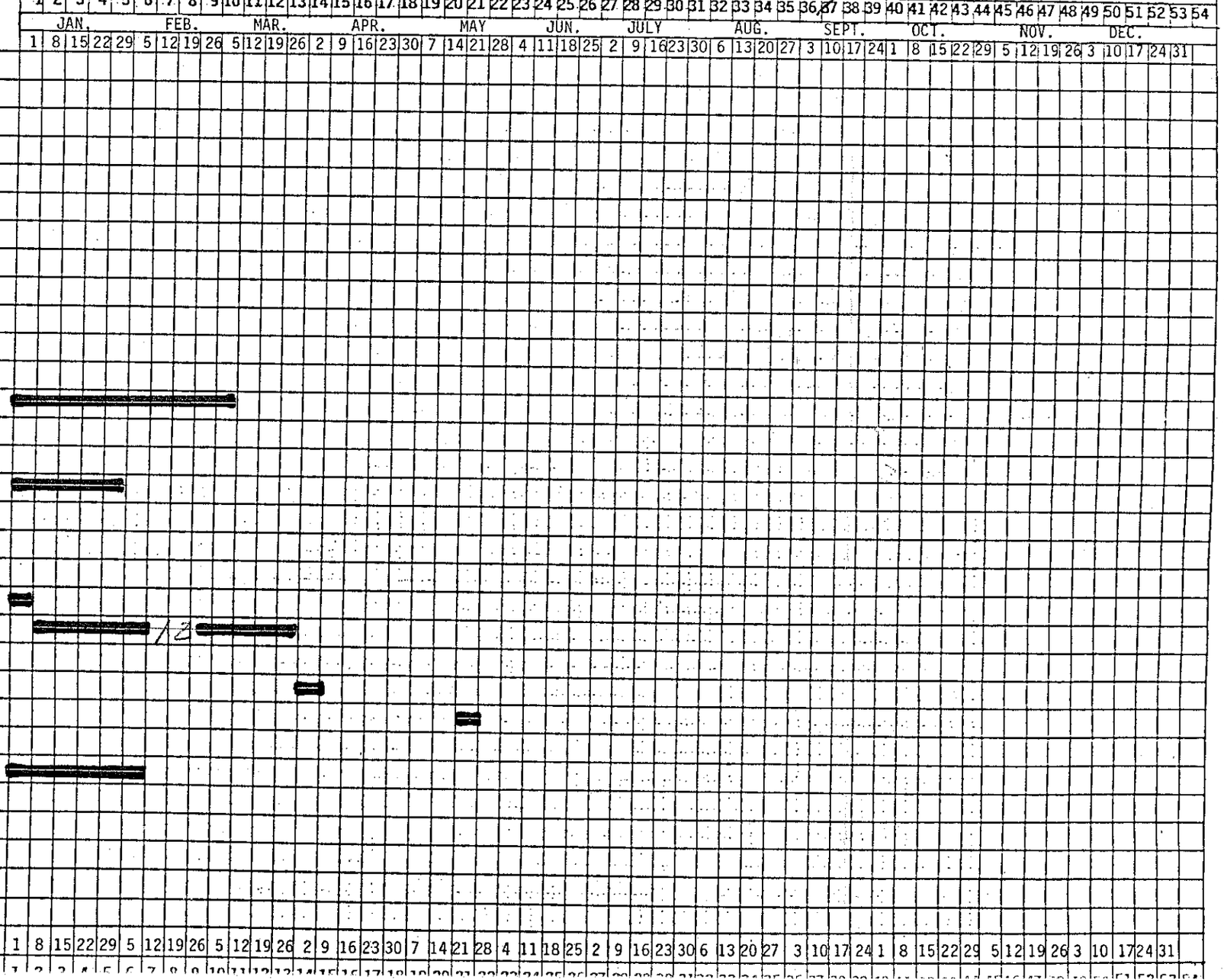
PREL. CONST./R/W PLANS
FINAL CONST PLANS
HOLD DESIGN FPR
PREL. BR. LAYOUT/HYDRAULICS
BRIDGE STRUCTURAL DESIGN
STAKE R/W
APPR R/W PLANS
R/W AUTH
APPRAISAL OF PARCELS
NEGOTIATIONS
ACQ. OF R/W BY LOCALS
CERTIFY R/W
EARLIEST LET DATE
Bridge Foundation Investigation
Soil Investigation
L & D Approval



MONTH February 1989

REVISION REQUEST
FOR THE
CONSTRUCTION WORK PROGRAM

DISTRICT 4

IN ACCORDANCE WITH THE BOARD RESOLUTION DATED AUGUST 16, 1973, BOARD APPROVAL IS REQUESTED TO REVISE THE CONSTRUCTION WORK PROGRAM FOR THE PROJECT AND ACTIVITY OUTLINED BELOW:

[x] ADDITION TO THE PROGRAM

[ ] DELETION FROM THE PROGRAM

[ ] SHIFT IN THE PROGRAM [ ] PE [ ] ROW [ ] CONST. FROM FY _____ TO FY _____

[ ] CHANGE IN COST ESTIMATE

[ ] OTHER

PROJECT DATA

COUNTY	PROJECT NO. P.I. NO.	TYPE WORK	DESCRIPTION
Wilcox	BRF-137-1(2) 421670	Bridge Replacement (existing 135' X 23.8' bridge)	State Route 215: Bridge over House Creek Tributary. (315-00215-000.96N) Suff. Rating 2.0

Fund 1 = 118
Fund 2 = 114

Needs Rating 54

ESTIMATED COST ($1,000's)	LOW ROAD	HIGH ROAD	FISCAL YEAR	CONG. DISTRICT	FIELD DISTRICT
PE $8	X		1989		
ROW					
CONST $337	X		1990	8	4

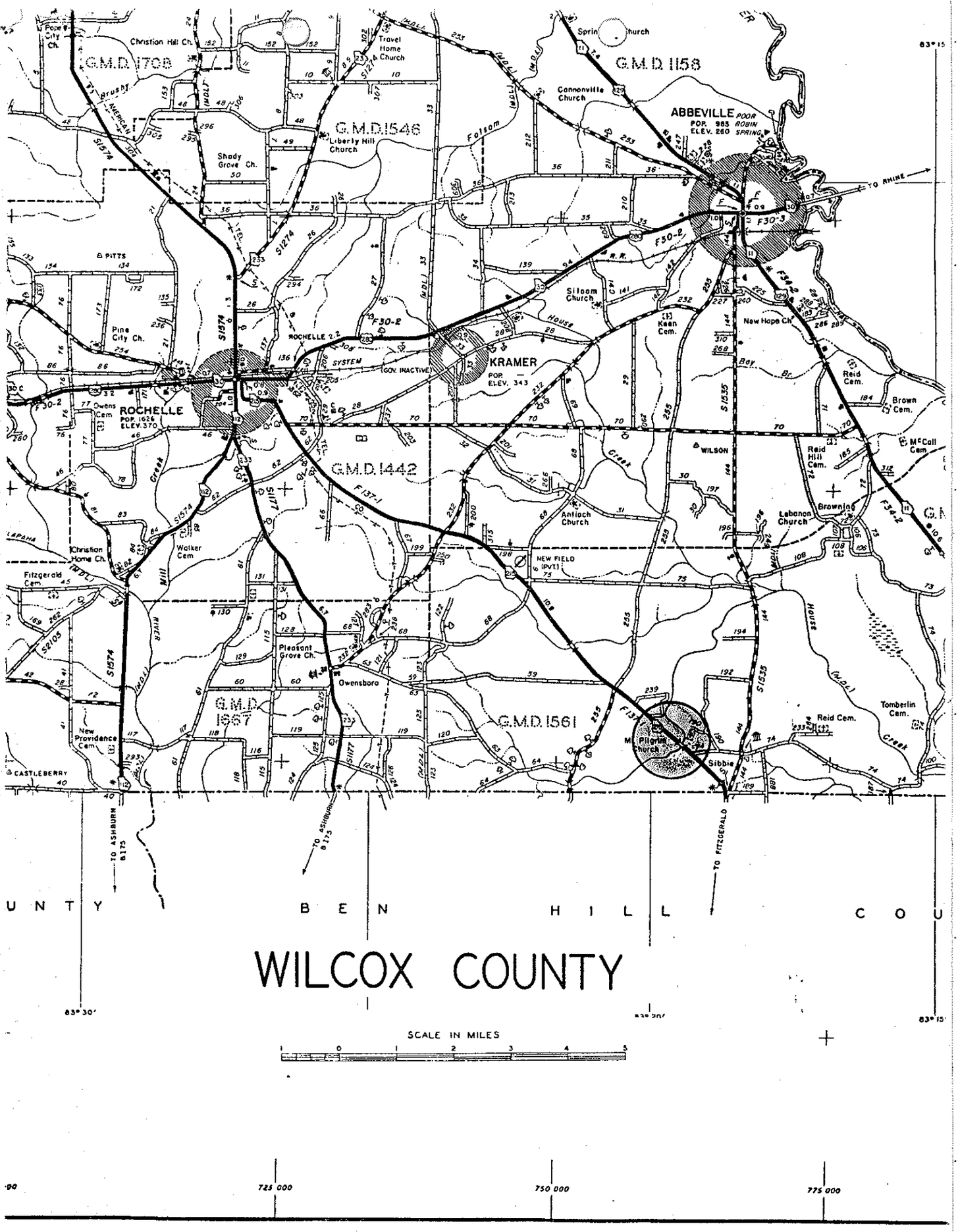
REASON FOR REVISIONS:

To add this project to the Construction Work Program as approved by the Commissioner on January 19, 1989.

This bridge is load limited.

RECOMMENDED _____
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

RECOMMENDED _____
COMMISSIONER


G.M.D. 1708
G.M.D. 1158
G.M.D. 1546
G.M.D. 1442
G.M.D. 1967
G.M.D. 1561
ABBEVILLE
POP. 985
ELEV. 280
ROBIN SPRING
ROCHELLE
POP. 1626
ELEV. 370
KRAMER
POP. —
ELEV. 343
Christion Hill Ch.
Travel Home Church
Cannonville Church
Liberty Hill Church
Shady Grove Ch.
Pine City Ch.
Sitoam Church
Kean Cem.
New Hope Ch.
Reid Cem.
Brown Cem.
McCall Cem.
Owens Cem.
Antioch Church
Lebanon Church
Browning
Walker Cem.
Christion Home Ch.
Fitzgerald Cem.
Pleasant Grove Ch.
Owensboro
New Providence Cem.
Tomberlin Cem.
Sibbie
Pilgrim Church
TO ASHBURN 8.17.5
TO FITZGERALD
TO RHINE
BEN HILL COUNTY
WILCOX COUNTY
SCALE IN MILES
0 1 2 3 4 5
83°30'
83°15'
725 000
750 000
775 000

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF MAINTENANCE
BRIDGE RECONSTRUCTION CANDIDATE

BNR 54

12/1/88
DATE

ROUTE GA. 215 OVER/~~UNDER~~ Trib. House Creek DIST. CONG. 08 DOT 4
COUNTY Wilcox BRIDGE ID 315-00215-000.96N FED. RT. F137-1
SUFFICIENCY RATING 2.0 QUALIFIED BR FUNDS ☐ NO ■ BR ☐ BH SCHOOL BUS ROUTE ■ YES ☐ NO
TYPE BRIDGE Timber Piles & Concrete Caps – Concrete Slab – Concrete Deck
BRIDGE: LENGTH 135 FT. ROADWAY WIDTH 23.8 FT. OVERLAY ASPH. ■ CON. ☐ .5 IN.
DESIGN LIVE LOAD H-15 INVENTORY RATING G-00 TONS OPERATING RATING G-00 TONS
POSTED ■ YES ☐ NO H LOAD 14 tons TRI-AXLE 18 tons 3S2-LOAD 31 tons
YEAR BUILT 1953 19 87 TRAFFIC 700 16 % TRUCKS
APPROACH: REAR Asphalt WIDTH 22.0 FT. ALIGNMENT Good
FORWARD Asphalt WIDTH 22.0 FT. ALIGNMENT Good
VERTICAL CLEARANCE ON _____ UNDER _____ OTHER CLEARANCE _____
SALVAGEABLE MATERIALS:
STEEL _____ HANDRAIL Guardrail OTHER _____
REASON FOR REVIEW Structurally Deficient

STRUCTURAL CONDITION

☐ CRITICAL ☐ DECK ☐ STRINGERS ☐ PILES/BENTS ☐ EROSION ☐ TRUSS ☐ OTHER
REMARKS _____

☑ POOR ☐ DECK ☐ STRINGERS ☑ PILES/~~BENTS~~ ☐ EROSION ☐ TRUSS ☐ OTHER
REMARKS Poor timber substructure temporary shored up

☑ FAIR ☑ DECK ☑ STRINGERS ☐ PILES/BENTS ☐ EROSION ☐ TRUSS ☐ OTHER
REMARKS _____

☐ GOOD ☐ DECK ☐ STRINGERS ☐ PILES/BENTS ☐ EROSION ☐ TRUSS ☐ OTHER
REMARKS _____

RECOMMENDED ACTION

REPLACE ☑ REPAIR ☐ WIDEN/EXTEND ☐ HOLD AND MAINTAIN ☐
Structurally Deficient – Replace B.R. – Posted Structure

JIMMY D. VAUGHAN
BRIDGE STRUCTURES

REPLACE ☐ REPAIR ☐ WIDEN/EXTEND ☐ HOLD AND MAINTAIN ☐

DON WATSON
STATE MAINTENANCE ENGINEER

REPLACE ☐ REPAIR ☐ WIDEN/EXTEND ☐ HOLD AND MAINTAIN ☐

Floyd Hardy
CHAIRMAN, SHIP COMMITTEE

APPROVED ACTION

REPLACE ☐ REPAIR ☐ WIDEN/EXTEND ☐ HOLD AND MAINTAIN ☐

Hal Rives
Commissioner

DISTRIBUTION: F. A. CHILDERS; CHARLES LEWIS; PETER MALEKU; DON NORMBURG; FLOYD HARDY; [illegible]
☐ GEORGE LYONS ☐ [illegible]