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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1(3) Wilcox Countyy
P.I. No. 421675

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. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1(3) Wilcox County
P.I. No. 421675
Needs Rating-54 Suff. Rating-18.7

OFFICE Preconstruction

DATE June 28, 1989

FROM GCL
G. C. Lewis, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT SR 215 @ HOUSE CREEK TRIBUTARY - PROJECT CONCEPT REPORT

This project is the replacement of a narrow and structurally deficient bridge on SR 215 at House Creek Tributary between Fitzgerald and Rochelle. The existing bridge is 23.7'x90' with timber piling, concrete caps and concrete deck and is temporarily shored. Approaches have 24' of pavement and 5' shoulders. Current and future traffic is 850 VPD (1992) and 1250 VPD (2012).

The proposed replacement structure will be a triple 9'x8'x52' concrete bridge culvert on existing alignment with approaches being reconstructed to have 24' of pavement and 8' shoulders for a project length of 0.22 miles. Although the attached 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 (see attached detour sketch map) and local traffic using the existing local road network. The estimated cost of the project, excluding on-site detour, is:

	PROPOSED	APPROVED	PROG. DATE
Constr(Infl&E/C)	$198,000	$236,000	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(2) Wilcox County and let simultaneously. Time saving procedures are appropriate.

GCL/WLP/se

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

APPROVED: Hal Rives mc
Hal Rives, Commissioner

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Rec'd 6-23-89 GJ

INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1 (3) Wilcox County
P.I. No. 421675
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	~~$230,000~~	~~$171,000~~
Inflation (5% per year)	~~11,500~~	~~8,600~~
E & C (10%)	~~24,150~~	~~18,000~~
Preliminary Engineering (5%)	~~12,075~~	~~9,000~~
Right of Way	1,500	
Utilities	LGPA (~~Anticipated~~) Signed	

MJB/jmf

Attachment

c: Don Senkbeil

DEPARTMENT OF TRANSPORTATION

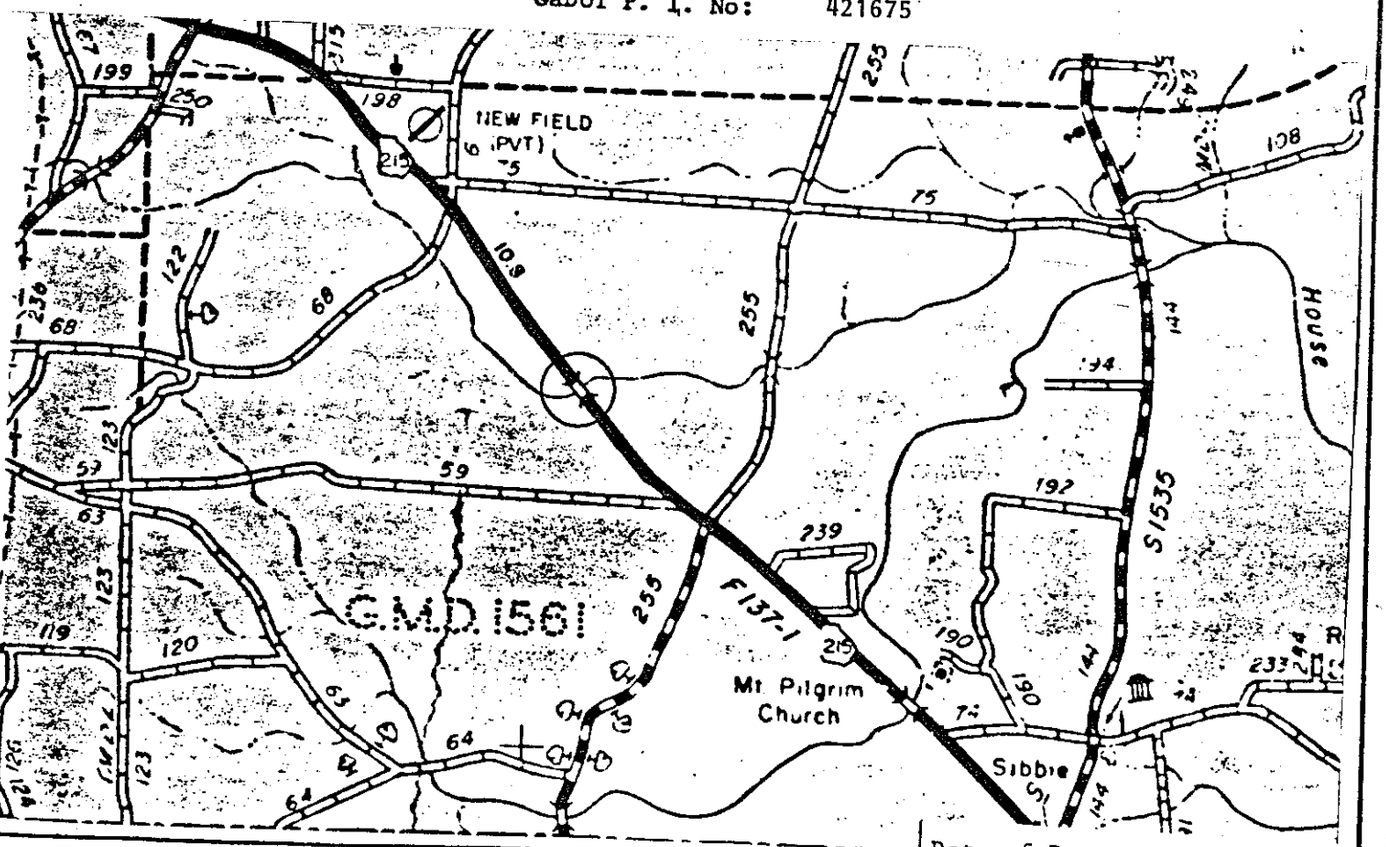
STATE OF GEORGIA

MAR 1989
Bureau of
Engineering Services
D. O. T.

PROJECT CONCEPT REPORT

BRF-137-1 (3) Wilcox County
Bridge Replacement over House Creek Tributory

Federal Route No: F-137-1
State Route No: 215
GaDOT P. I. No: 421675



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

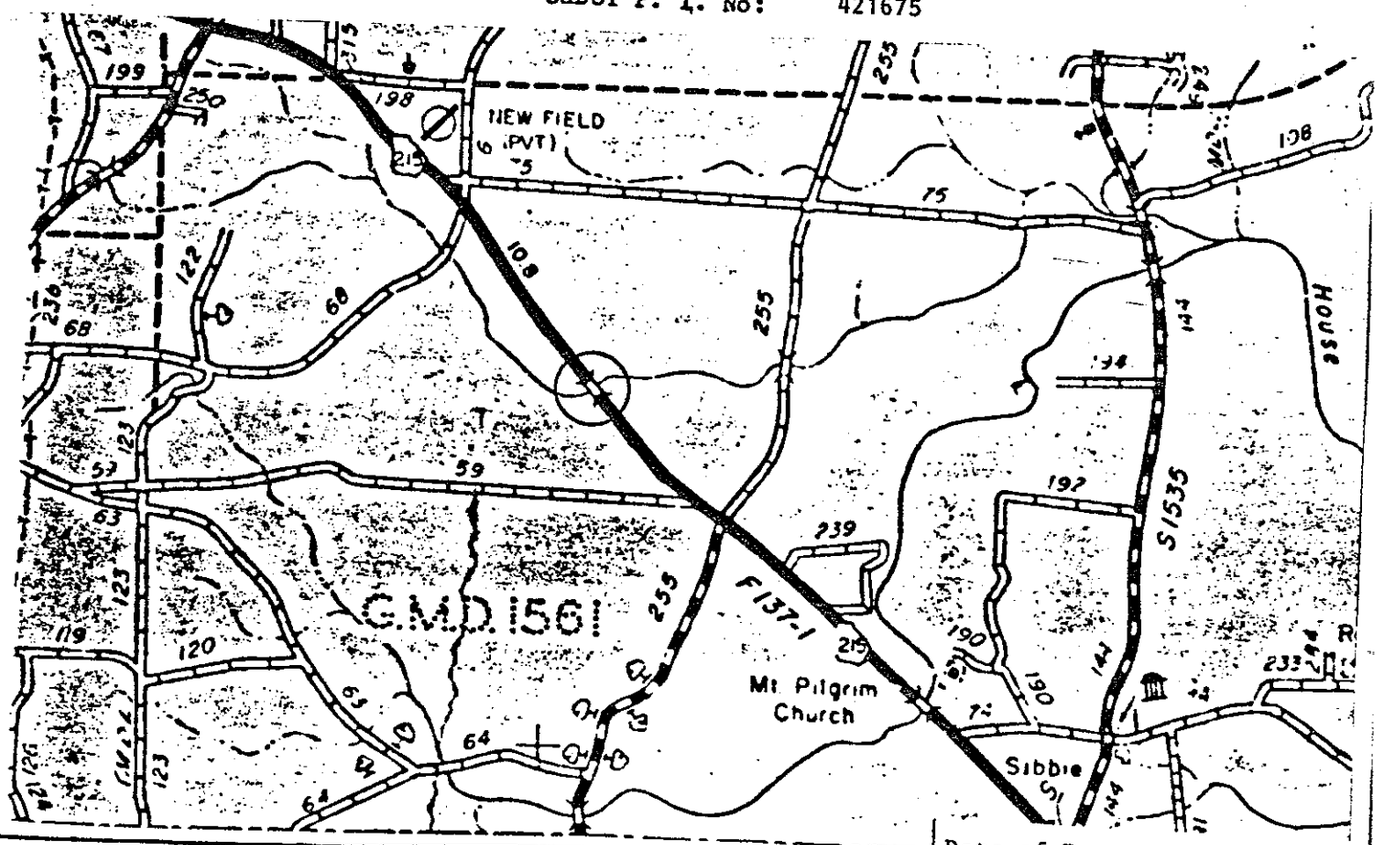
STATE OF GEORGIA

APR 1989
RECD.
Office of
Environmental Services
G. D. O. T.

PROJECT CONCEPT REPORT

BRF-137-1 (3) Wilcox County
Bridge Replacement over House Creek Tributory

Federal Route No: F-137-1
State Route No: 215
GaDOT P. I. No: 421675



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

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

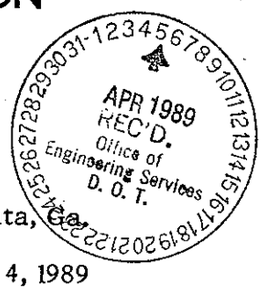
Date — State Environmental Engineer

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

D.O.T., 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

31



INTERDEPARTMENT CORRESPONDENCE

FILE BRF-137-1 (3)
Wilcox County
P.I. No. 421675

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 on S.R. 215 at a tributary of House Creek with a bridge culvert. We believe that due to the structural deficiency of the existing bridge, this concept will improve safety at this location. We, therefore, concur with the attached report.

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

DEPARTMENT OF TRANSPORTATION

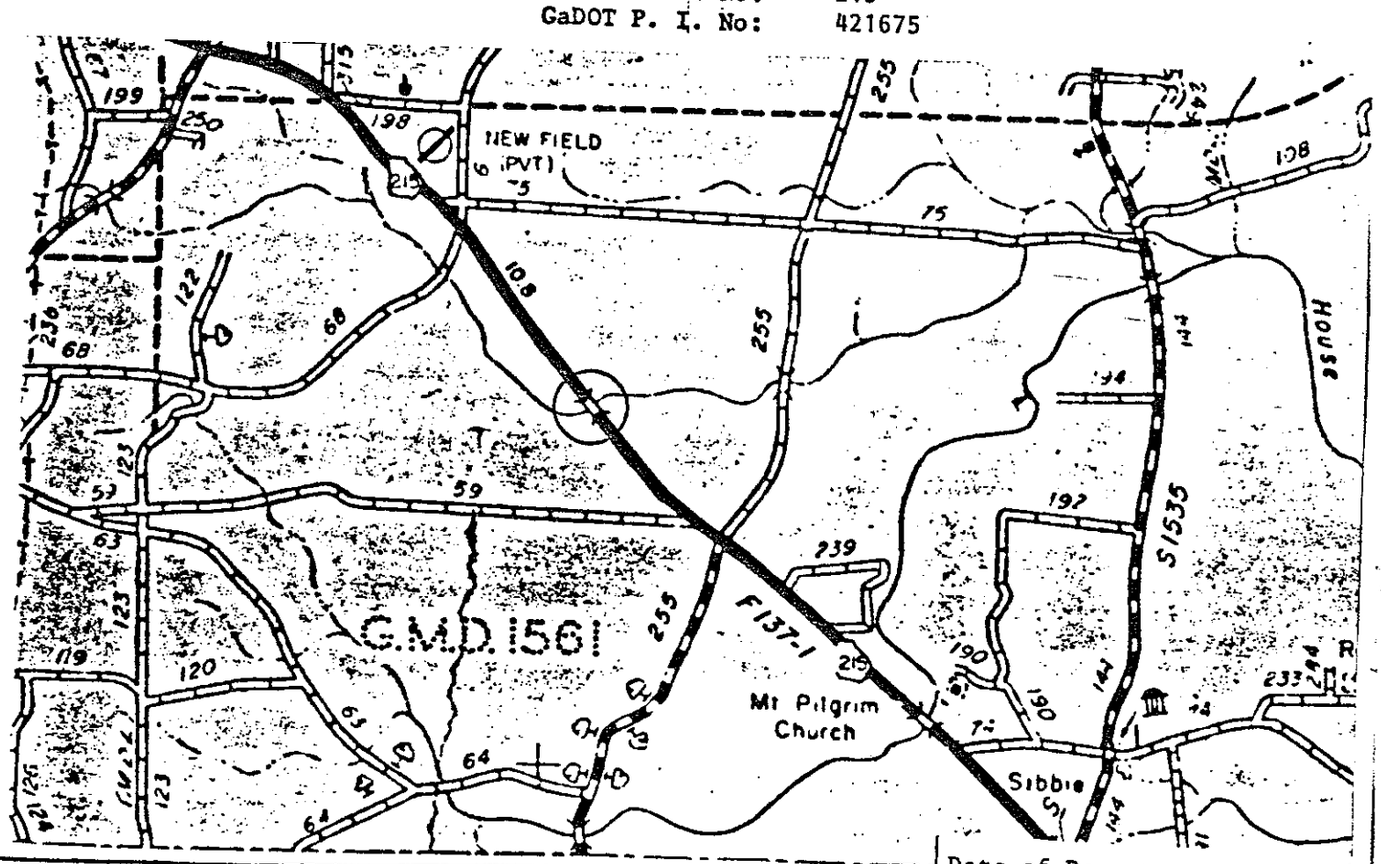
STATE OF GEORGIA

APR 1989
Bureau of
Engineering Services
D. O. T.

PROJECT CONCEPT REPORT

BRF-137-1 (3) Wilcox County
Bridge Replacement over House Creek Tributory

Federal Route No:	F-137-1
State Route No:	215
GaDOT P. I. No:	421675



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

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

4-4-89 Frank C. Danchetz
Date — State Environmental Engineer

_____ _____
Date — State Engineer

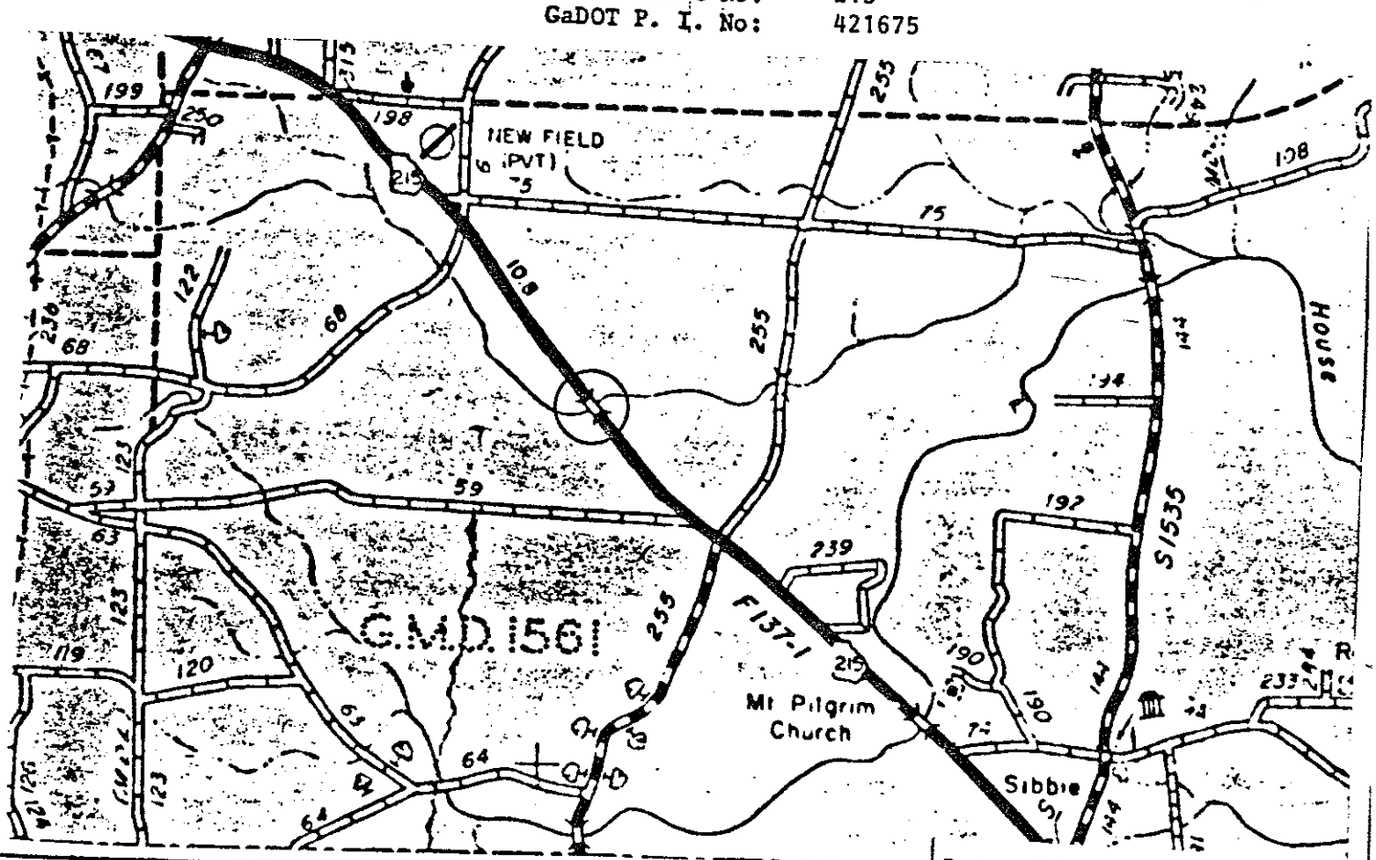
DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT

BRF-137-1 (3) Wilcox County
Bridge Replacement over House Creek Tributory

Federal Route No: F-137-1
State Route No: 215
GaDOT P. I. No: 421675



Date of Report: 3-29-89

RECOMMENDATION FOR APPROVAL

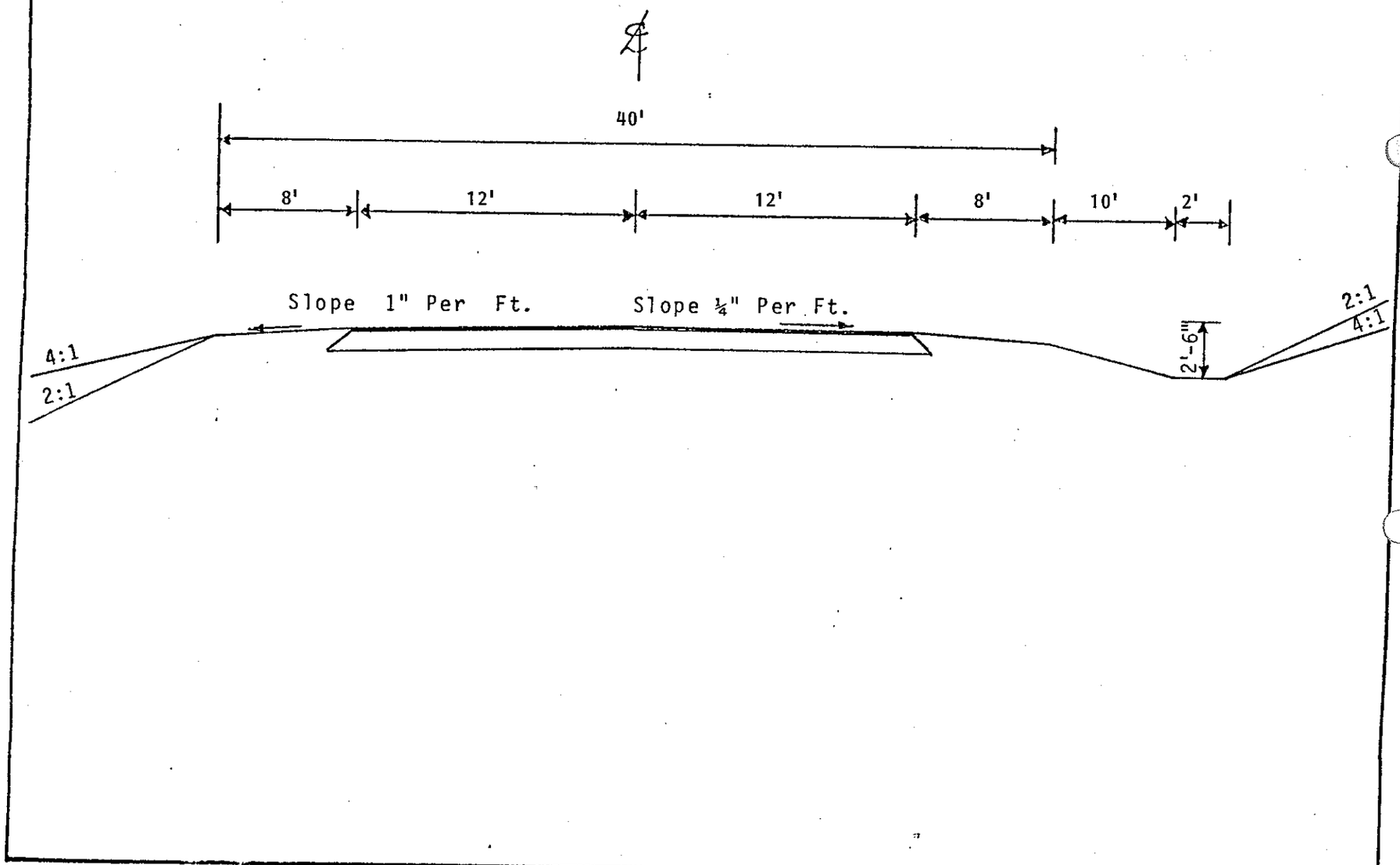
3/30/89 — Project Manager (District Engineer or Office Head)

Date — State Environmental Engineer

3/31/89 — Carl V. Liles Jr. — State Bridge Engineer
Date

Project No: BRF-137-1 (3)
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(3)

COUNTY: WILCOX

P.I. NO.: 421675

ATTENTION:

DESCRIPTION: SR 215 - BRIDGE OVER HOUSE CREEK TRIBUTARY (315-00215-003.60N)

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
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:

[xx] 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(3) 421675	Bridge Replacement (existing 90'X 23.7' bridge)	State Route 215: Bridge over House Creek Tributary. (315-00215-003.60N) Suff. Rating 18.7

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 $10	X		1989		
ROW					
CONST $236	X		1991	8	4

REASON FOR REVISIONS:

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

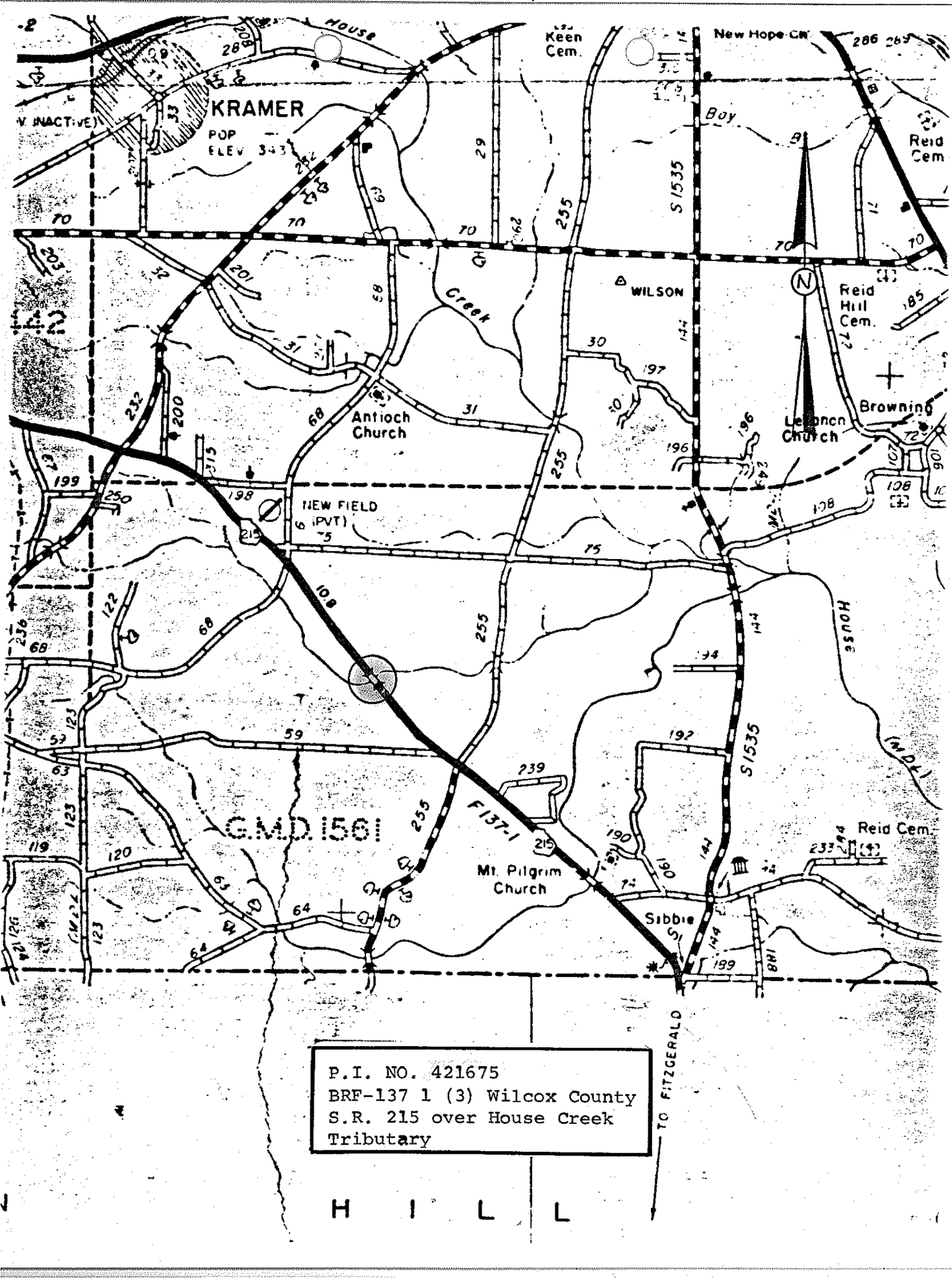
This bridge is temporarily shored up.

RECOMMENDED _____
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

jom

RECOMMENDED _____
COMMISSIONER

GDOT BOARD
FEB 8 1989



P.I. NO. 421675
BRF-137 1 (3) Wilcox County
S.R. 215 over House Creek
Tributary

PROJECT NO. BRF 137-1(3) COUNTY WILCOX P.I. NO. 421675

PROJECT SCHEDULE 1989

LENGTH 0.5 R/W PARCELS 2

DESCRIPTION: STATE ROUTE 215 - BRIDGE OVER HOUSE CREEK TRIBUTTRY (315-00215-003.60N)

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

14 14 10 12 8

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(3) COUNTY WILCOX
P.I. NO. 421675

PROJECT SCHEDULE
1990

LENGTH 0.5
R/W PARCELS 2

DESCRIPTION: S.R. 215 - BRIDGE OVER HOUSE CREEK TRIBUTARY (315-00215-003.60 N)

ACTIVITY/EVENT
CONCEPT PHOTOS
DEFINE CONCEPT/REPORT
HOLD CONCEPT MEETING
CONCEPT TO ENG. SERV.
RECV ENG SERV CONCEPT APPROVAL
MANAGEMENT APPROVAL
ENVIRONMENTAL
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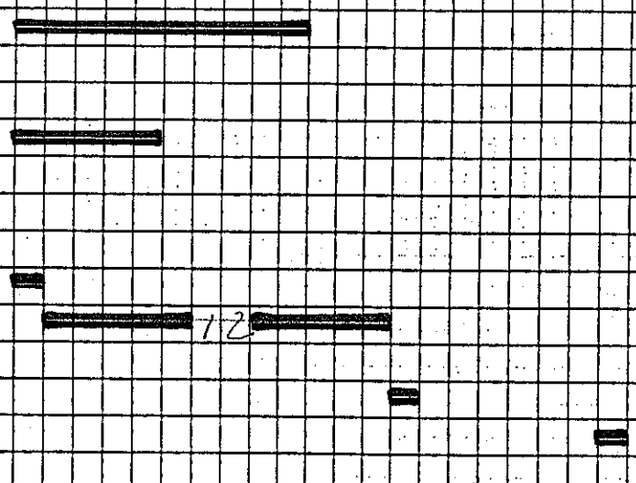

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MONTH February 1989

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:

[xx] ADDITION TO THE PROGRAM

[ ] DELETION FROM THE PROGRAM [ ] PE [ ] ROW [ ] CONST.

[ ] SHIFT IN THE PROGRAM FROM FY _____ TO FY _____

[ ] CHANGE IN COST ESTIMATE

[ ] OTHER

PROJECT DATA

COUNTY	PROJECT NO. P.I. NO.	TYPE WORK	DESCRIPTION
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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 $10	X		1989		
ROW					
CONST $236	X		1991	8	4

REASON FOR REVISIONS:

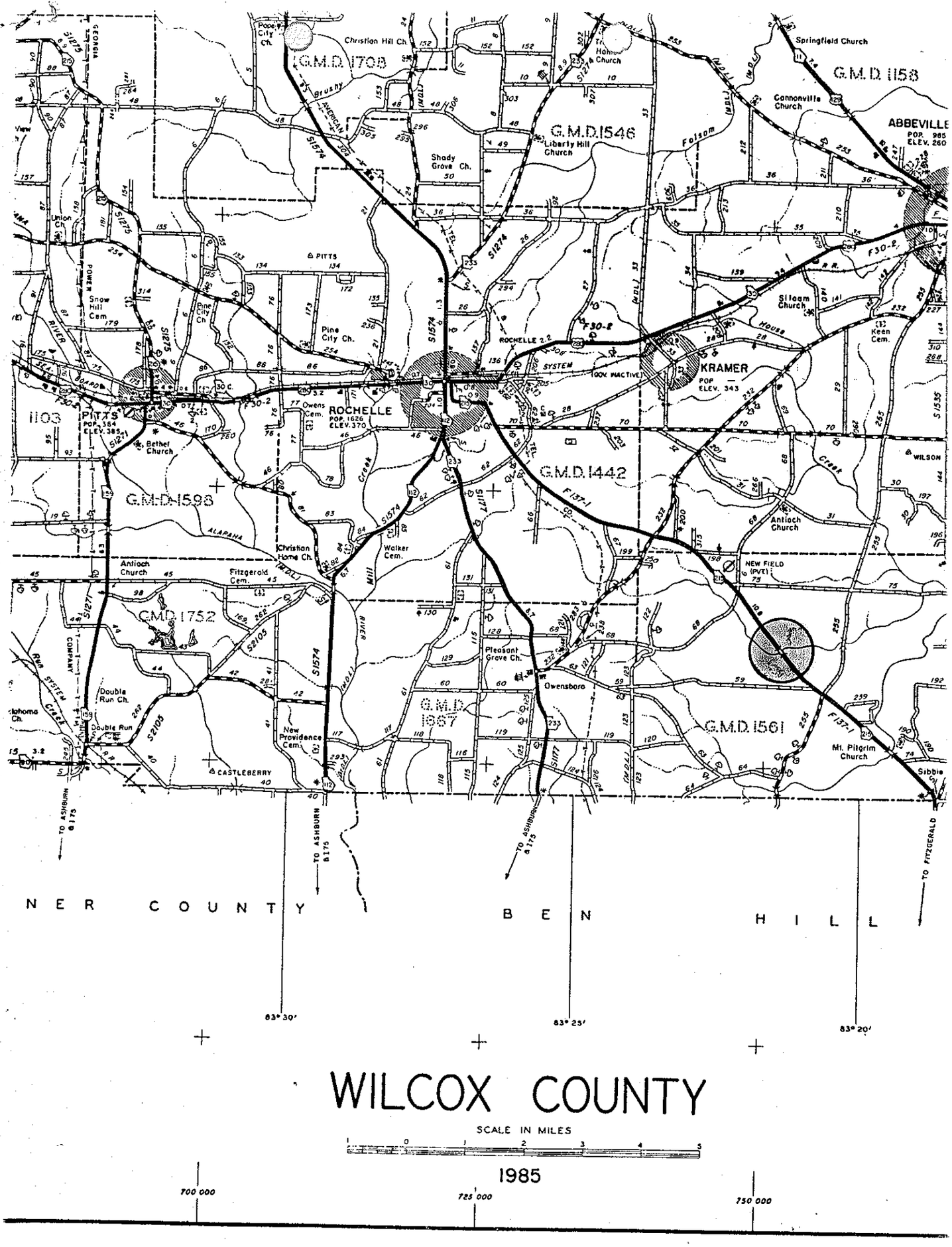
To add this project to the Construction Work Program as approved by the Commissioner on January 19, 1989.

This bridge is temporarily shored up.

RECOMMENDED _____
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

jom

RECOMMENDED _____
COMMISSIONER



WILCOX COUNTY

SCALE IN MILES

1 0 1 2 3 4 5

1985

700 000 725 000 750 000

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 315-00215-003.60N FED. RT. F137-1
SUFFICIENCY RATING 18.7 QUALIFIED BR FUNDS ☐ NO ■ BR ☐ BH SCHOOL BUS ROUTE ■ YES ☐ NO
TYPE BRIDGE Timber Piles & Concrete Caps — Concrete Slab — Concrete Deck
BRIDGE: LENGTH 90 FT. ROADWAY WIDTH 23.7 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 _____ TRI-AXLE _____ 3S2-LOAD _____
YEAR BUILT 1953 1987 TRAFFIC 600 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
I. R.

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 MALPHURS; BOB HUMPHREY; FLOYD HARDY; DREW BROWN;
☐ WADE TYNER ☐ GEORGE LYONS; ☐ [illegible] ☐ COLIE PEARCE
☐ [illegible] ☐ FELTON SUTTLES ☐ [illegible]