FAS ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1197	105 BR-2	WHITESIDE	59	34
STA.	TO STA.			
EXISTING CONDITIONS:				

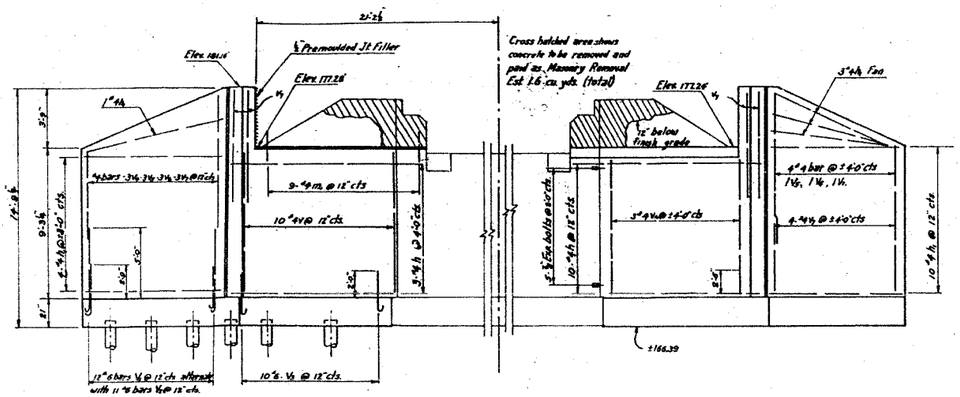
CONTRACT 64421

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

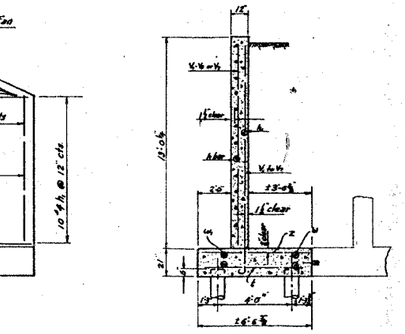
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 86 F.A.	105BY	Whiteside	9	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 3
3 SHEETS.



REINF. BACK FACE

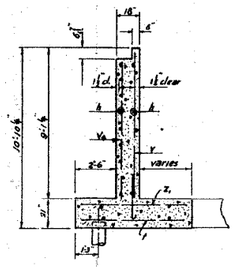
Elevation as seen on West Abut.



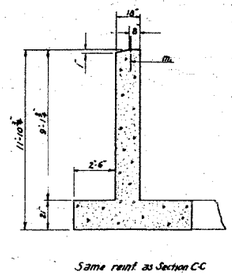
REINF. FRONT FACE

Elevation as seen on East Abut.

SEC. AA



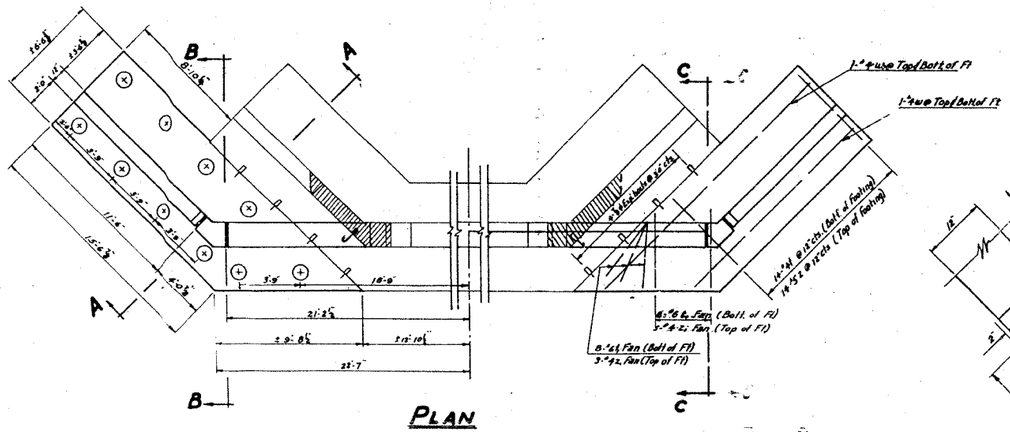
SEC. CC



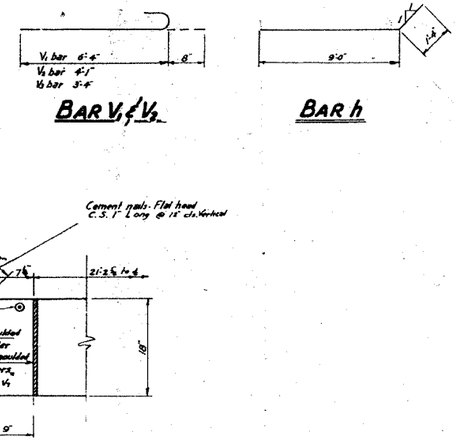
Same reinf. as Section CC

SEC. BB

ELEVATION



PLAN

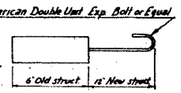


CORNER DETAIL

BAR V, f, V½

BAR h

American Double Unit Exp. Bolt or Equal



DETAIL OF EXPANSION BOLT

PILE DATA

12" Untreated Piles
Est. Length 20 ft
Min. Capacity — 20 Tons
No. Required — 40

DESIGNED	Edward M Zapar
CHECKED	George Brandon
DRAWN	E.M.F. R. Rash
CHECKED	

EXAMINED — MAR 4 1955 — Bureau of Bridges and Traffic Structures
PASSED — Chief Engineer and Director of Design
APPROVED — Chief Highway Engineer

BILL OF MATERIALS
2 ABUTMENTS

Bars	No.	Size	Length	Shape
V	40	4	7'-6"	
V¼	48	6	7'-0"	
V½	44	6	4'-9"	
V⅓	40	6	4'-0"	
V¼	24	4	8'-6"	
V½	16	4	7'-6"	
V⅛	16	4	6'-9"	
v₁	52	4	5'-9"	
f	56	4	6'-3"	
f₁	56	6	4'-6"	
z	56	5	6'-3"	
z₁	32	4	4'-6"	
h	52	4	10'-4"	
h₁	72	4	11'-0"	
w	8	4	18'-3"	
w₁	8	4	16'-0"	
m₁	18	4	5'-0"	
Class x Concrete			Cu. yds	71.4
Reinf. Bars			lbs	3950
Expansion Bolts			Each	36
Masonry Removal			Cu. yds	2.0
Untreated Timber Piles			Lin. Ft.	780
Test Piles			Each	One

ABUTMENTS
SBI RT 86 SEC 105BY
WHITESIDE COUNTY
STA. 229+82

F.A.P. Rte. 86 Sec. 105BW (B-Bdl) Whiteside Co. Sta. 229+82