EXISTING BRIDGE PLANS

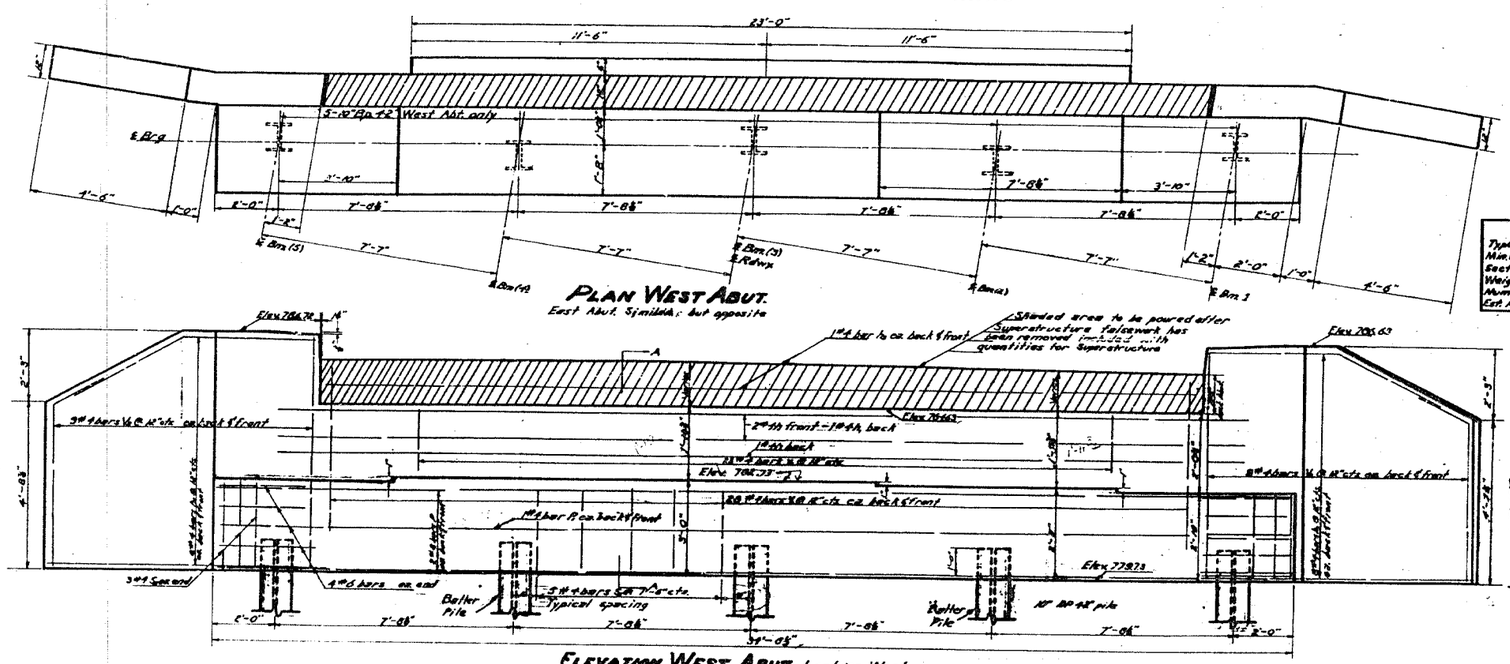
CONTRACT # 64425

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 567	12BR-1	LEE	68	48
FED ROAD DIST. NO.		ILLINOIS PROJECT		

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

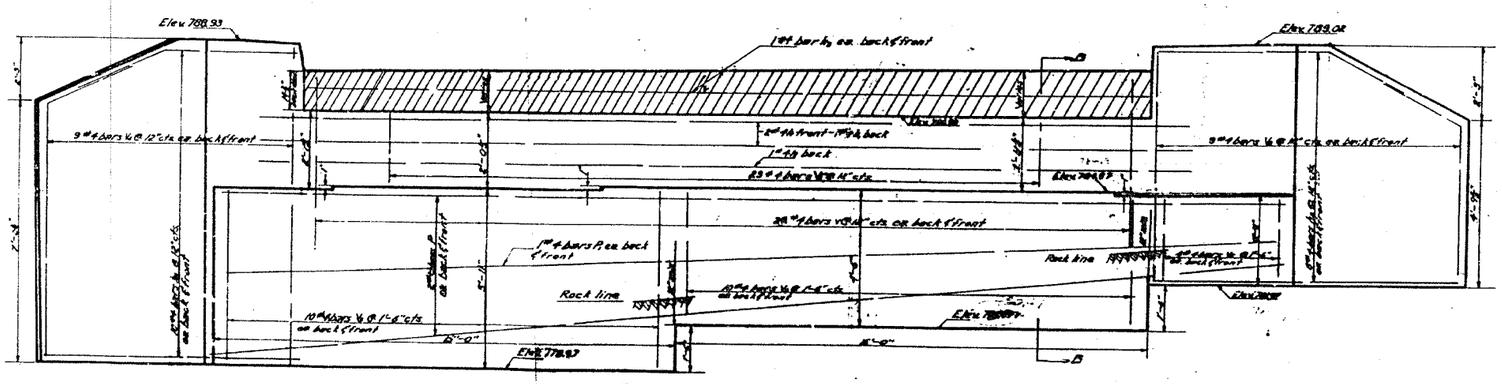
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 6 F.A.	12 BR	LEE	10	7
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 4
6 SHEETS



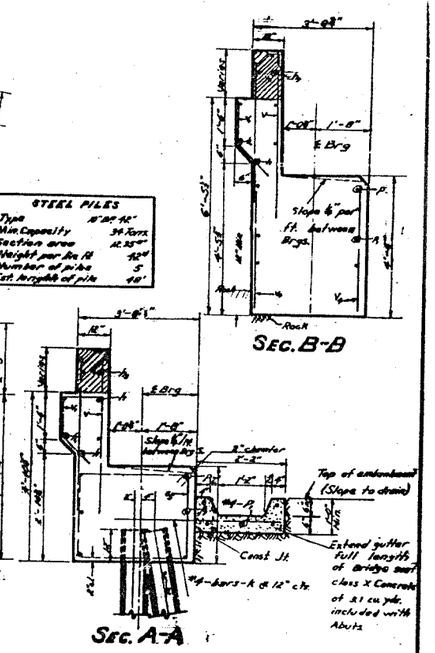
PLAN WEST ABUT.
East Abut. Similar but opposite

ELEVATION WEST ABUT. Looking West



ELEVATION EAST ABUT. Looking east
Steps can be changed according to the rock profile

STEEL PILES	
Type	10" BP 42"
Min. Capacity	34 Tons
Section area	12.35
Weight per lin. ft.	42#
Number of piles	5
Est. length of pile	48'

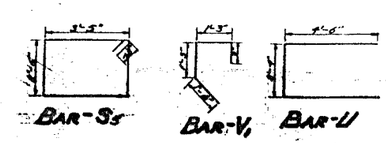


SEC. B-B

SEC. A-A

BILL OF MATERIAL-E&W ABUT.

Bar	No.	Size	Length	Shape
h	12	#4	16'-0"	
h_1	4	#4	12'-9"	
h_2	68	#4	6'-3"	
P	8	#8	34'-3"	
P_1	9	#4	34'-3"	
S_5	26	#4	12'-7"	
K	35	#4	4'-0"	
U	8	#6	12'-4"	
V	112	#4	5'-0"	
V_1	46	#4	4'-9"	
V_2	54	#4	3'-9"	
V_3	20	#4	5'-9"	
V_4	20	#4	4'-3"	
V_5	8	#4	2'-3"	
V_6	18	#4	3'-3"	
Class "X" Concrete			Cu. Yds.	53.5
Reinforcement bars			Lbs.	2390
Steel piles			Lin. Ft.	192
Test Pile (steel)			Each	One



BAR-S_5 BAR-V_1 BAR-U

DESIGNED	Edwards Elmer
CHECKED	Mort Carrol
DRAWN	E.W.
CHECKED	M.J.C.

Aug. 30 1954
EXAMINED W. E. Hanson
DIVISION OF BRIDGE AND TRAFFIC STRUCTURES
PASSED
DIVISION OF BRIDGE
APPROVED R. R. Bartelsmeyer
CHIEF HIGHWAY ENGINEER

ABUTMENTS
SBI. RT. 6 SEC. 12B-R
FRANKLIN CREEK
LEE COUNTY
STA. 439+12