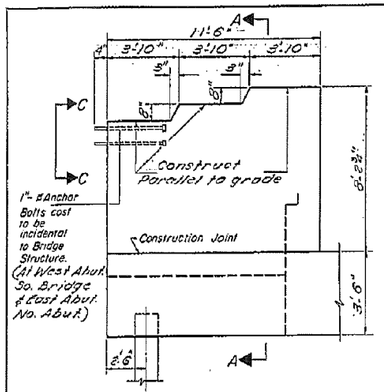
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

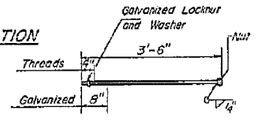
Hatched area to be poured after superstructure form has been removed.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	18-47 B	CUMBERLAND	29	14

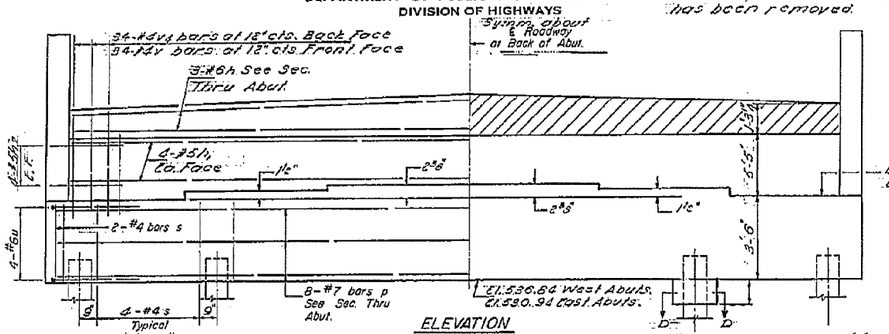
SHEET NO. 10
19 SHEETS



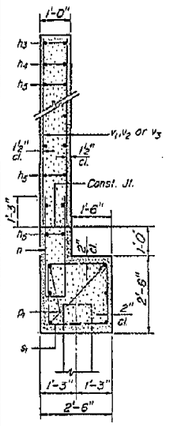
WING WALL ELEVATION



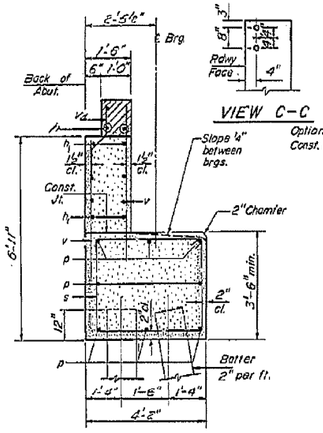
1" ø ANCHOR BOLT



ELEVATION

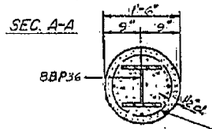


SEC. A-A



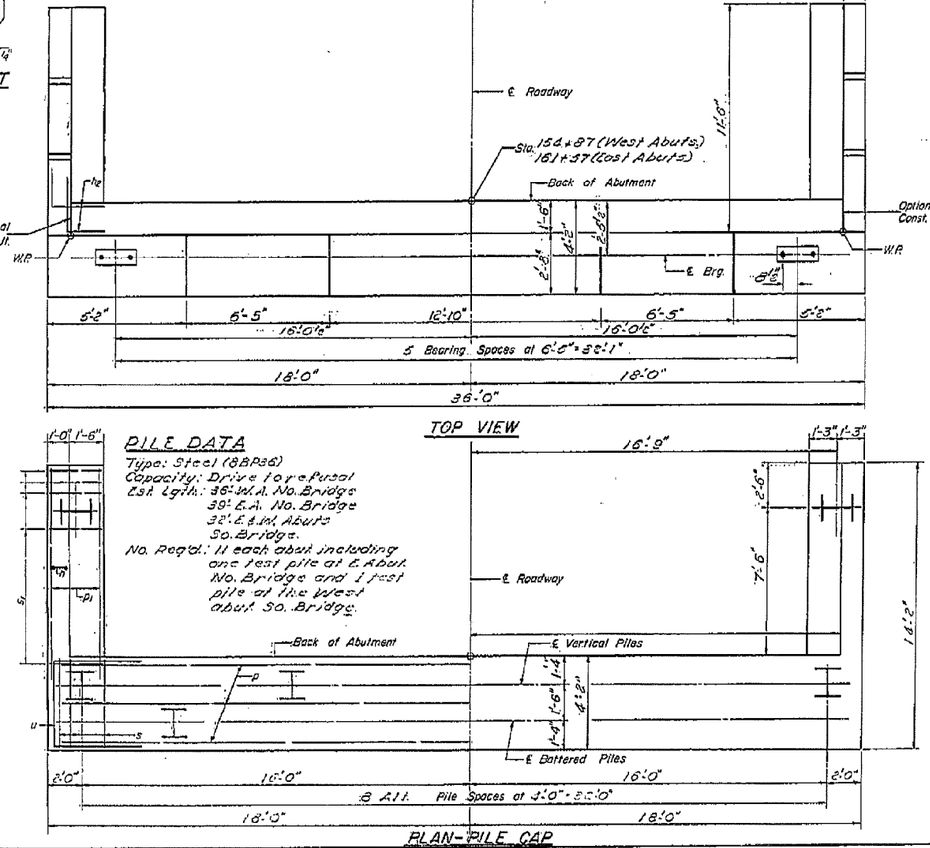
SEC. THRU ABUT.

VIEW C-C



SECTION D-D (Typical)

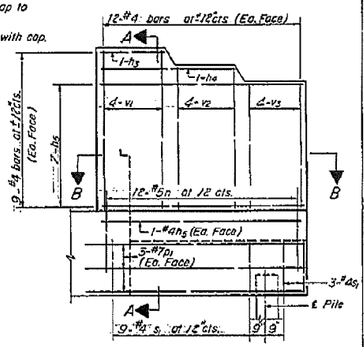
Welded wire fabric 6"x 6" mesh: #4 wires - Wt. 58#/100 sq. ft. plus 4-#6 tie bars. The cost of Cl. X Conc. Encasement & Reinforcement is incidental to the cost of furnishing piles. Forms for encasement may be omitted when soil conditions will permit.



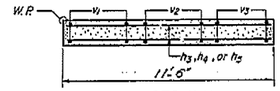
TOP VIEW

PLAN - PILE CAP

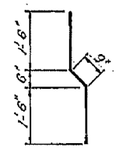
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.



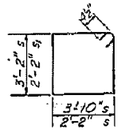
WING WALL ELEVATION
Reinforcement



SEC. B-B

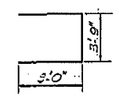


BAR v4

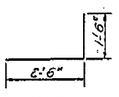


BARs s & s1

BAR n



BAR u



BAR h2

FOUR ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
v	12	#6	32'-6"	
h1	32	#6	33'-9"	
h2	64	#6	4'-10"	
h3	16	#4	37'-7"	
h4	16	#4	7'-5"	
h5	128	#4	11'-3"	
n	96	#5	7'-9"	
p	32	#7	35'-9"	
p1	88	#7	11'-6"	
s	128	#4	14'-9"	
s1	96	#4	9'-5"	
u	32	#6	9'-9"	
v	272	#4	6'-10"	
v1	64	#4	5'-10"	
v2	64	#4	7'-4"	
v3	64	#4	6'-8"	
v4	136	#4	3'-9"	
Class X Concrete		Cu. Yds.	152.5	
Reinforcement Bars		Lbs.	12160	
Steel Piles (BBP36)		Lin. Ft.	1258	
Test Piles Steel (BBP36)		Ea.	2	

ABUTMENTS
NORTH & SOUTH BRIDGES
F.A.I. RT. 70 SEC. 18-47.B
CUMBERLAND COUNTY
STATION 158+31

DESIGNED	Jim W Clark Jr	
CHECKED	A P Hunnicutt	
DRAWN	SG Ferchow	
CHECKED	A P Hunnicutt	

19
EXAMINED
PASSED
APPROVED

A-9 2-1-66

Rev. 9-5-67 This sheet replaces orginnal sheet 10. Class X Concrete changed from 153.2 cuyds. to 152.5 cuyds. Reinforcement bars changed from 12050 lbs. to 12160 lbs.

BLANK, WESSELINK, COOK & ASSOCIATES DECATUR, ILLINOIS ENGINEERS - CONSULTANTS DESIGN FIRM NO. 184000894

FILE NAME =	USER NAME =	DESIGNED PBB	REVISED -
		CHECKED MCB	REVISED -
	PLOT SCALE =	DRAWN MLO	REVISED -
	PLOT DATE =	CHECKED MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 018-0049(W.B.) & 0050(E.B.)
SHEET NO. 41 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47-VB)K (18-47B, 18-47HB)BR	CUMBERLAND	147	133
		CONTRACT NO. 74466		
		ILLINOIS FED. AID PROJECT		