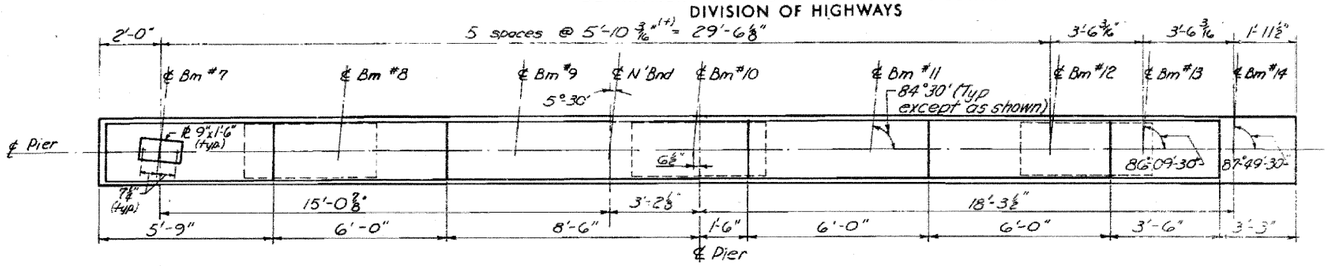
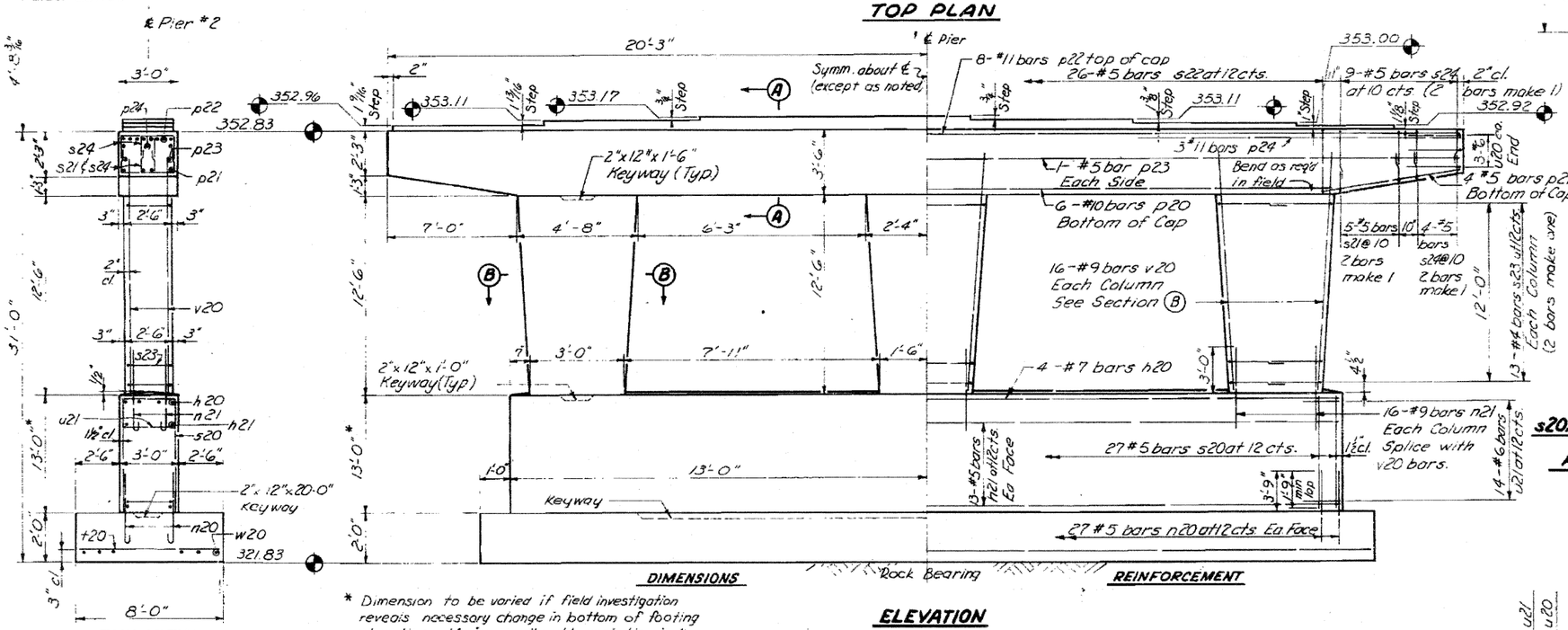
Contract 66409 3756

ROUTE NO	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-57	46-2V8	KANKAKEE	28	17
STA		TO STA		
FED ROAD DIST No 7	ILLINOIS	FED AID PROJECT 23-57-7 22.31		

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



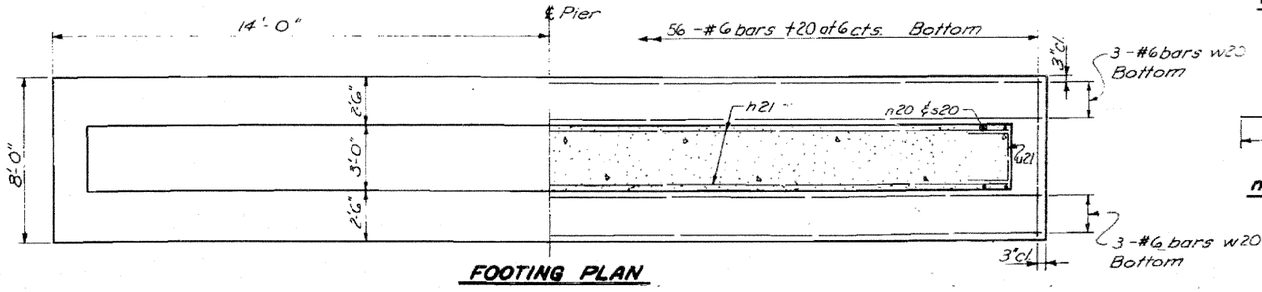
TOP PLAN



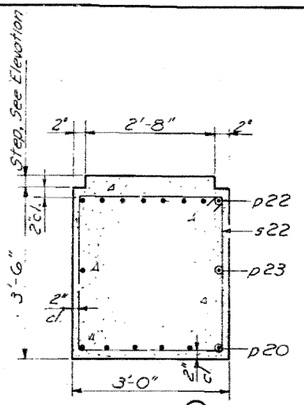
ELEVATION
(Looking West)

* Dimension to be varied if field investigation reveals necessary change in bottom of footing elevation. Maximum allowable variation is in accordance with Art. 5.11.10(b) of the Standard Specifications.

NOTE:
All edges shall have standard 3/4" chamfer except footing.

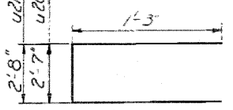


FOOTING PLAN

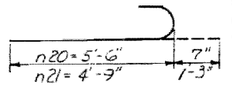


A & B DIMENSIONS

Bar	A	B
s20	2'-9"	12-10 1/2"
s21	1'-8"	2'-5"
s22	2'-9"	3'-2"
s23	2'-3"	2'-9"
s24	1'-8"	1'-10"



u20 & u21 BARS



n20 & n21 BARS

PIER NO. 2 NORTH BRIDGE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20	4	#7	25'-9"	—
h21	26	#5	25'-9"	—
n20	54	#5	6'-1"	⊐
n21	48	#9	6'-0"	⊐
p20	6	#10	26'-6"	—
p21	8	#5	8'-0"	—
p22	8	#11	40'-2"	—
p23	2	#5	40'-2"	—
p24	6	#11	14'-6"	—
s20	27	#5	28'-6"	⊏⊐
s21	20	#5	6'-6"	⊏⊐
s22	26	#5	12'-8"	⊏⊐
s23	78	#4	7'-9"	⊏⊐
s24	52	#5	5'-4"	⊏⊐
t20	56	#6	7'-6"	—
u20	6	#6	5'-1"	⊐
u21	28	#6	5'-2"	⊐
v20	48	#9	15'-0"	—
w20	6	#6	27'-6"	—
Class X Concrete		Cu Yd	33.1	
Reinforcement Bars		Lb	10,799	
Class A Excav for Struct		Cu Yd	77	
Rock Excav for Struct		Cu Yd	5	

NOTE
Reinforcing detailed to allow for change in elevation in accordance with Art. 5.11.10 (b) of the Standard Specifications.

DESIGNED	VNS
CHECKED	D.N.
DRAWN	J.C.
CHECKED	KJH

EXAMINED 19
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED
ENGINEER OF DESIGN
APPROVED
CHIEF HIGHWAY ENGINEER

ILLINOIS DIVISION OF HIGHWAYS

PIER NO. 2, NORTH BRIDGE

F.A.I. RTE. 57 SEC. 46-2V8

KANKAKEE COUNTY

STA. 325+93.10

Added 4-26-11

FOR INFORMATION ONLY