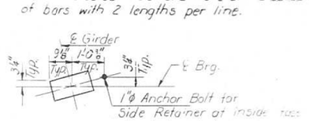
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 255	BR. 4 HVB(S)	ST. CLAIR	50	20
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT-		

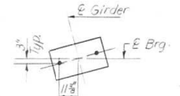
SHEET NO. 9
27 SHEETS

NOTES:
Space reinforcement in cap to miss anchor bolts.
All edges shall have standard ¾" chamfers except as noted.
Pour steps monolithically with cap.
Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.

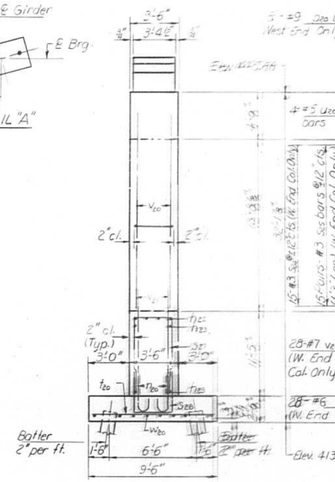
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



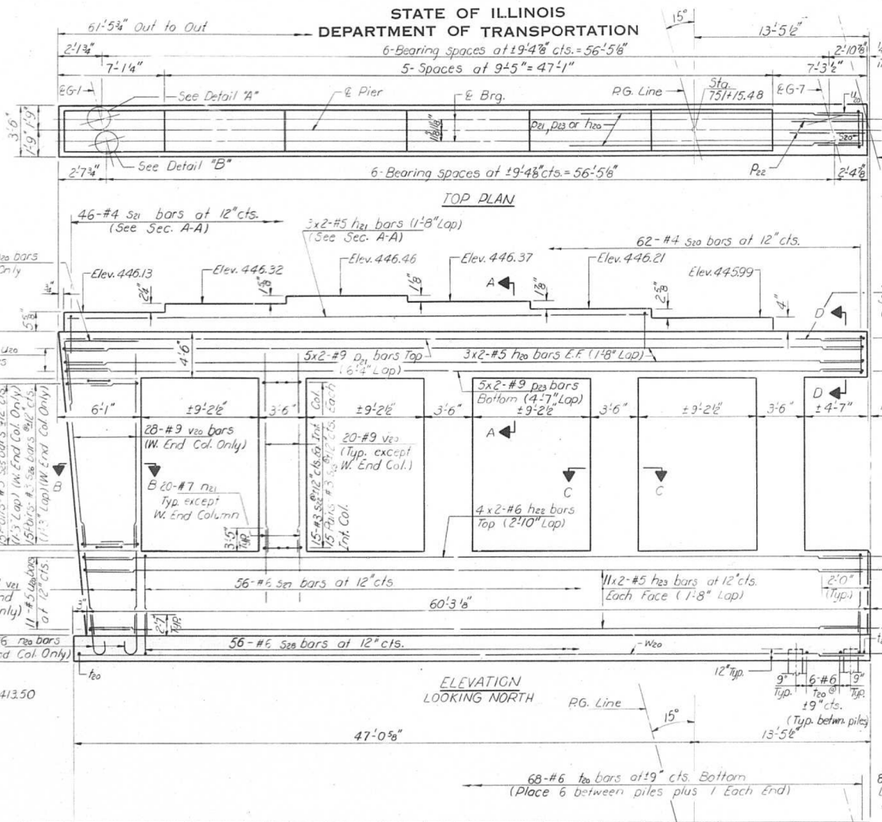
DETAIL "B"



DETAIL "A"

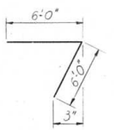


END VIEW

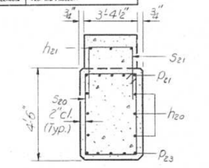


ELEVATION LOOKING NORTH

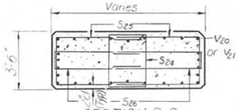
FOOTING PLAN
Bonded Const. Joint in footing is optional.



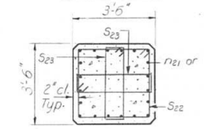
BAR P20



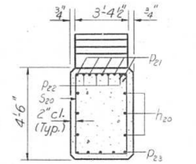
SECTION A-A



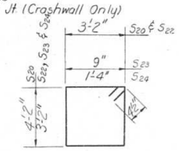
SECTION B-B



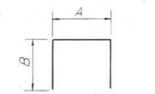
SECTION C-C



SECTION D-D



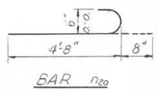
BARS S20, S22, S23 & S24



BARS S21, S25 Thru S28 & U20

A & B DIMENSIONS

Bar	A	B
S21	3'-1"	2'-0"
S25	3'-2"	3'-5"
S26	1'-2"	3'-5"
S27	3'-2"	11'-2"
S28	3'-2"	4'-8"
U20	3'-0"	2'-10"



BAR n20

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20	12	#5	31'-5"	—
h21	6	#5	25'-0"	—
h23	8	#6	31'-8"	—
h25	44	#5	31'-0"	—
h24	26	#5	4'-0"	—
n20	28	#6	5'-4"	⊃
n21	80	#7	7'-5"	—
P20	5	#9	12'-0"	⊓
P21	10	#9	33'-9"	—
P22	4	#6	8'-9"	—
P23	10	#9	32'-10"	—
S20	62	#4	15'-5"	⊐
S21	46	#4	7'-1"	⊐
S22	60	#3	13'-5"	⊐
S23	120	#3	8'-7"	⊐
S24	15	#3	9'-9"	⊐
S25	30	#3	10'-0"	⊓
S26	30	#3	8'-0"	⊓
S27	56	#6	25'-6"	⊓
S28	56	#6	12'-6"	⊓
t20	68	#6	9'-3"	—
U20	20	#5	6'-8"	⊏
V20	108	#9	16'-0"	—
V21	28	#7	14'-9"	—
W20	16	#5	30'-11"	—
W21	8	#5	4'-0"	—
Class X Concrete			Cu Yd.	216.7
Reinforcement Bars			Pound	19,810
Concrete Piles			Lin. Ft.	1056

PIER 2
WEST BOUND LANES
F.A.I. RT. 255 SEC 82-4HVB(B)
ST. CLAIR COUNTY
STA 750+74.23

PILE DATA

Type: Concrete
Capacity: 45 Tons
Est. Length: 44'
No. Required: 24

DESIGNED	Martin Ponciano	EXAMINED	
CHECKED	Rick Brunette	PASSED	
DRAWN	R. Doty	APPROVED	
CHECKED	RAB		

FOR INFORMATIONAL PURPOSES ONLY

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			255	82-4HVB-I	ST. CLAIR	46	43
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -						CONTRACT NO. 76D51	
	PLOT DATE = $DATE$	DATE -	REVISED -		SCALE: NONE / SHEET NO. 5 OF 8 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		