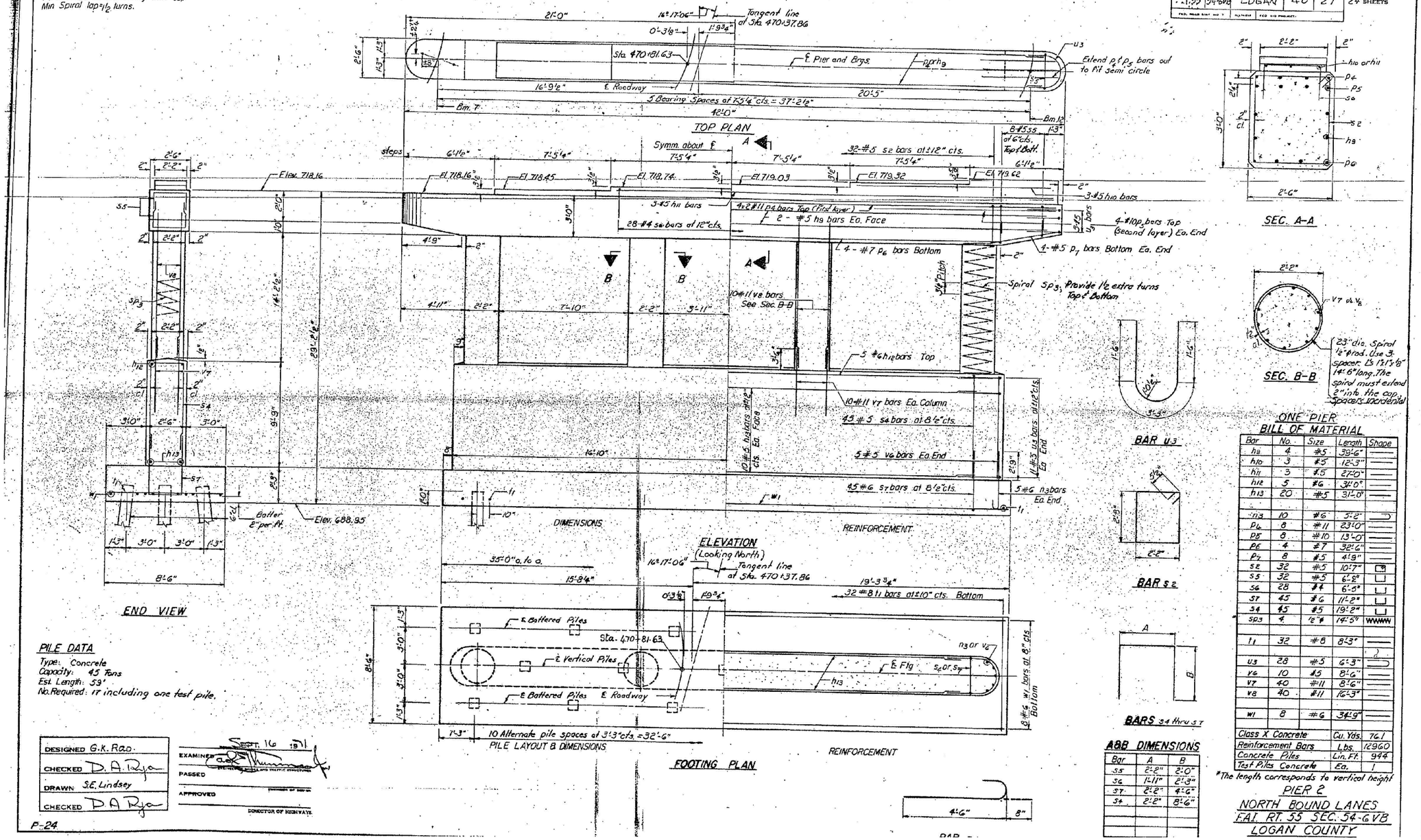
NOTES:
Space Reinforcement in cap to miss anchor bolts.
All edges shall have standard ¾" chamfer except as noted.
Pour steps monolithically with cap
Min Spiral lap +1½ turns.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-55	54-6VB	LOGAN	40	27
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 20
24 SHEETS



PILE DATA
Type: Concrete
Capacity: 45 Tons
Est. Length: 53'
No. Required: 17 including one test pile.

DESIGNED	G.K. RAO
CHECKED	D.A.Rya
DRAWN	S.E. Lindsey
CHECKED	D.A.Rya

EXAMINED Sept. 16 1971
PASSED
APPROVED
DIRECTOR OF HIGHWAYS

ONE PIER
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h8	4	#5	39'-6"	
h10	3	#5	12'-3"	
h11	3	#5	27'-0"	
h12	5	#6	31'-0"	
h13	20	#5	31'-0"	
n3	10	#6	5'-2"	
p4	8	#11	23'-0"	
p5	8	#10	13'-0"	
p6	4	#7	32'-6"	
p7	8	#5	4'-9"	
s2	32	#5	10'-7"	
s3	32	#5	6'-8"	
s6	28	#4	6'-8"	
s7	45	#6	11'-2"	
s4	45	#5	19'-2"	
sp3	4	½" ø	14'-5"	
t1	32	#6	8'-3"	
u3	28	#5	6'-3"	
v6	10	#5	8'-6"	
v7	40	#11	8'-6"	
v8	40	#11	16'-3"	
w1	8	#6	34'-9"	

Class X Concrete	Cu. Yds.	76.1
Reinforcement Bars	Lbs.	12960
Concrete Piles	Lin. Ft.	944
Test Piles Concrete	Ea.	1

*The length corresponds to vertical height

Bar	A	B
s5	2'-2"	2'-0"
s6	1'-11"	2'-3"
s7	2'-2"	4'-6"
s4	2'-2"	8'-6"

PIER 2
NORTH BOUND LANES
F.A.I. RT. 55 SEC. 54-6VB
LOGAN COUNTY

FOR INFORMATION ONLY

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2236.10	DESIGNED - NAK	REVISED -	
	FILE NAME = 054-0067_0068-72E11-REM.dgn	DRAWN - TJD	REVISED -	
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - NAK	REVISED -	
	PLOT DATE = 3/18/2013	DATE - 1/30/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SN 054-0067 & 0068

SCALE: | SHEET NO. 12 OF 12 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011-1	LOGAN	429	374
		CONTRACT NO. 72E11		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		