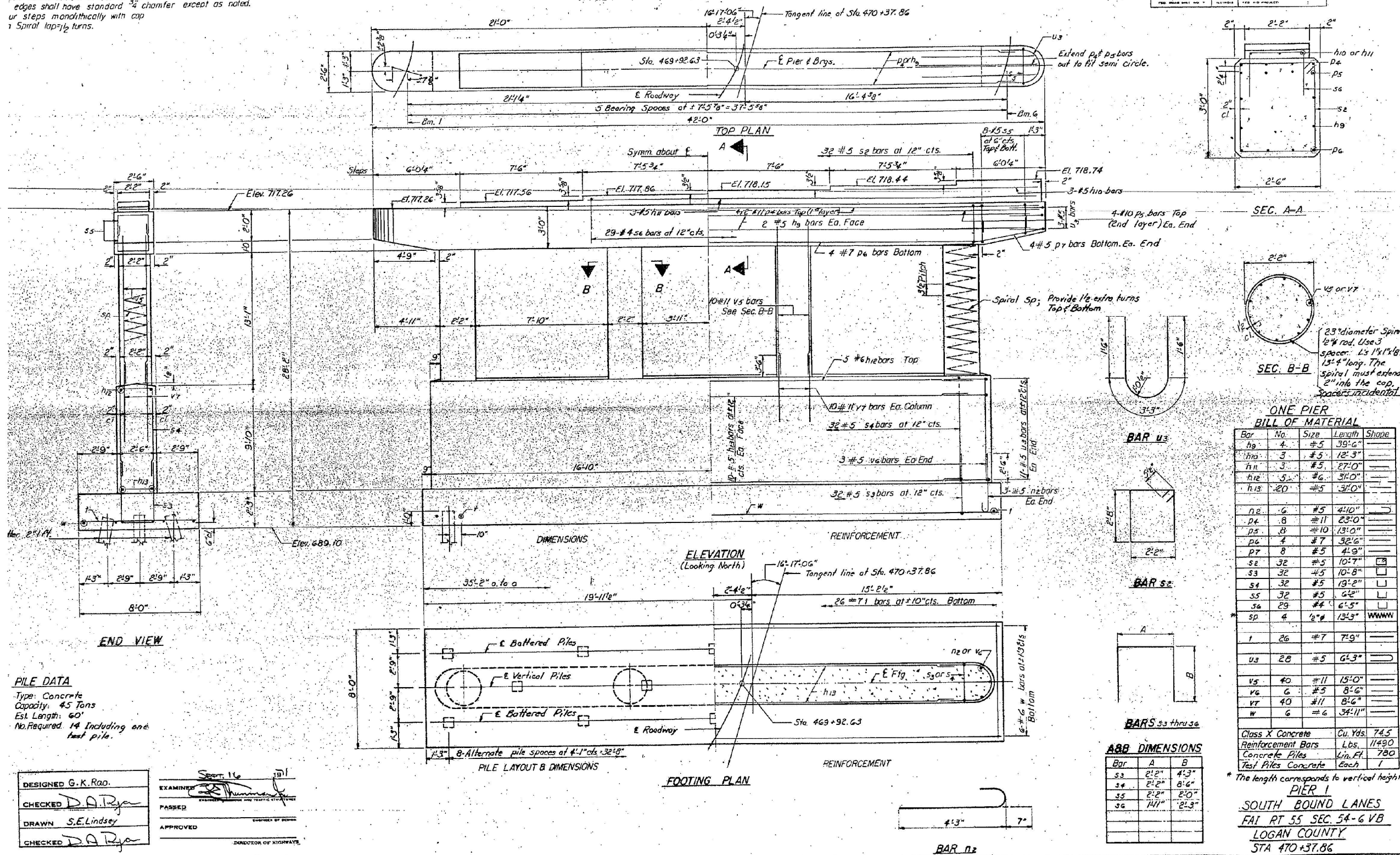


NOTES:  
 1. Reinforcement in cap to miss anchor bolts.  
 2. Edges shall have standard 3/4" chamfer except as noted.  
 3. All steps mandrilled with cap.  
 4. Spiral lap = 1/2 turns.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	STATION	TOTAL SHEETS	SHEET NO.
054-0067-0068	D6	LOGAN 40	24	24



**PILE DATA**  
 Type: Concrete  
 Capacity: 45 Tons  
 Est Length: 60'  
 No. Required: 14 including one test pile.

DESIGNED	G.K. Rao	EXAMINED	[Signature]
CHECKED	[Signature]	PASSED	[Signature]
DRAWN	S.E. Lindsey	APPROVED	[Signature]
CHECKED	[Signature]	DIRECTOR OF HIGHWAYS	[Signature]

**ONE PIER BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h9	4	#5	39'-6"	□
h10	3	#5	12'-3"	□
h11	3	#5	27'-0"	□
h12	5	#6	31'-0"	□
h13	20	#5	37'-0"	□
h2	6	#5	4'-10"	□
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	10'-8"	□
s4	32	#5	19'-2"	□
s5	32	#5	6'-2"	□
s6	29	#4	6'-5"	□
sp	4	1/2"	13'-3"	WWWW
u3	28	#5	6'-3"	□
v5	40	#11	15'-0"	□
v6	6	#5	8'-6"	□
vt	40	#11	8'-6"	□
w	6	#6	34'-11"	□

Class X Concrete Cu Yds. 74.5  
 Reinforcement Bars Lbs. 11490  
 Concrete Piles Lin. Ft. 780  
 Test Piles Concrete Each 1

\* The length corresponds to vertical height

**BAR DIMENSIONS**

Bar	A	B
s3	2'-2"	4'-3"
s4	2'-2"	8'-6"
s5	2'-2"	2'-0"
s6	1'-11"	2'-3"

STATE OF ILLINOIS  
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EXISTING SN 054-0067 & 0068  
 SCALE: SHEET NO. 9 OF 12 SHEETS STA. TO STA.

**FOR INFORMATION ONLY**



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	-

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011-1	LOGAN	429	371
CONTRACT NO. 72E11			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	