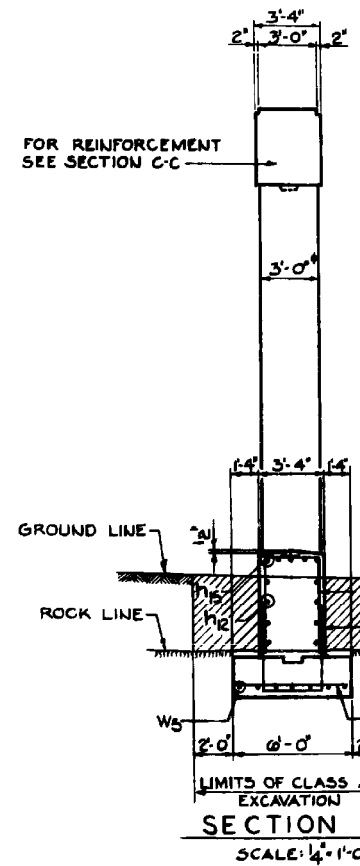
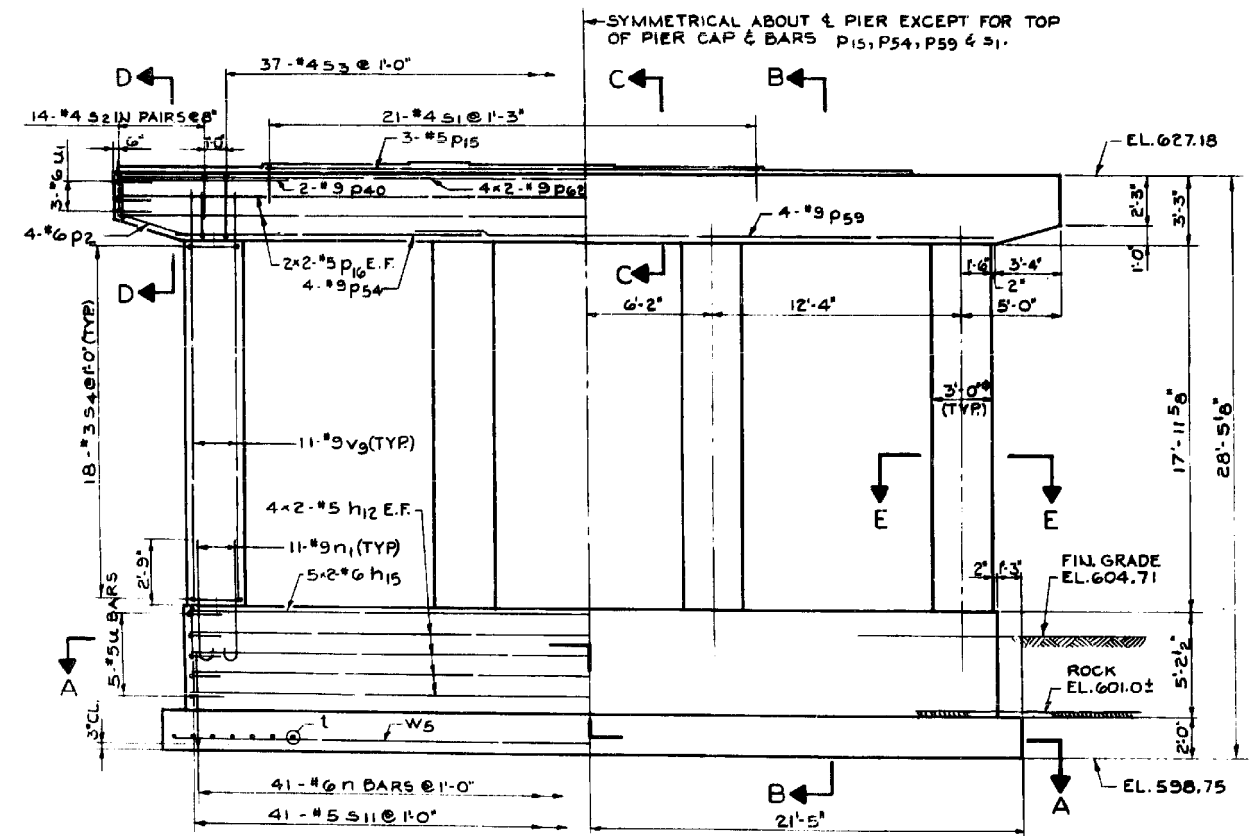
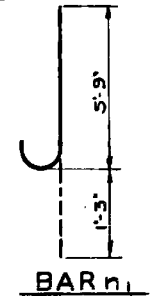
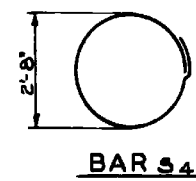
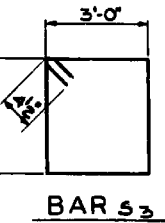


BAR LIST				
BAR NO	SIZE	LENGTH	SHAPE	
n12	16	5	20'-9"	
n15	10	6	20'-9"	
n	41	6	9'-6"	J
n1	44	9	7'-0"	J
P2	8	6	3'-6"	
P15	3	5	24'-9"	
P16	5	5	24'-0"	
P40	4	9	8'-6"	
P54	4	9	15'-0"	
P59	4	9	28'-0"	
P62	5	9	24'-9"	
S1	21	4	5'-8"	J
S2	28	4	6'-10"	J
S3	37	4	12'-7"	J
S4	72	3	9'-6"	O
S11	41	5	13'-0"	J
t	43	5	5'-6"	
u	10	5	5'-11"	J
u1	6	6	5'-11"	J
V8	44	9	20'-9"	
W5	14	6	22'-0"	



BAR	A	B
n	3'-3"	3'-0"
S1	1'-6"	2'-8"
S2	1'-11"	3'-0"
S11	5'-0"	3'-0"
U	1'-6"	2'-11"
U1	1'-6"	2'-11"



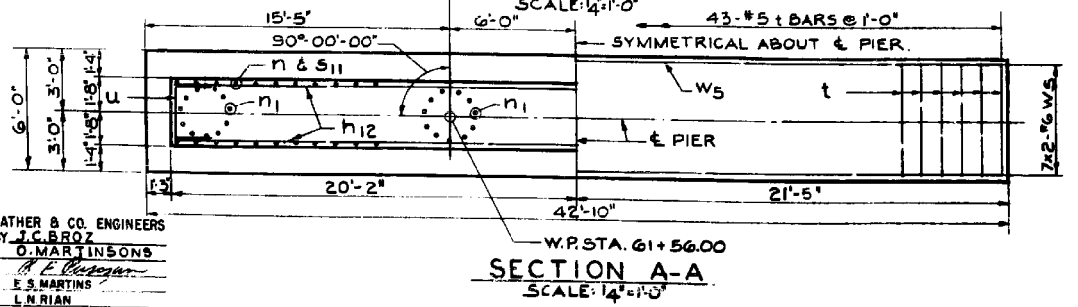
NOTES:  
 ALL BAR DIMENSIONS ARE OUT TO OUT.  
 PREFIX ALL BAR MARKS FOR SHIPMENT WITH A NUMBER INDICATING THE PIER WHERE THE BARS WILL BE USED.  
 EXAMPLE: 14 n12 MEANS BARS n12 FOR PIER 14. FOR ANCHOR BOLT PROJECTION SEE SH. 77. POUR STEPS MONOLITHICALLY WITH PIER CAP.  
 SPACE REINFORCEMENT IN CAP TO MISS ANCHOR BOLTS.

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS A EXCAVATION FOR STRUCTURE	CU YD	64
ROCK EXCAVATION FOR STRUCTURE	CU YD	21
CLASS X CONCRETE	CU YD	83.4
REINFORCEMENT BARS	POUND	9,243

ACTUAL MAXIMUM TOE PRESSURES:  
 LOADING GROUP I — 4550 P.S.F.  
 LOADING GROUP II — 5360 P.S.F.  
 LOADING GROUP III — 5250 P.S.F.

ILLINOIS DIVISION OF HIGHWAYS  
 SOUTHWEST EXPRESSWAY  
 LAWDALE AVE. VIADUCT  
 PIER 14  
 SCALE: AS NOTED DATE 11-29-1968

DE LEW, CATHY & CO. ENGINEERS  
 DESIGNED BY J.C. BRQZ  
 DRAWN BY D. MARTINSONS  
 CHECKED BY E.S. MARTINS  
 IN CHARGE E.S. MARTINS  
 APPROVED L.M. RIAN



X:\100005\10093\Eng\_Docs\_Phase\_11\SN\_016\_2456\_2457\_1st\_Ave\_cover\_Des\_Planes\_River\_Valley\Final\0162457\_60J16\_094.exstplan11.dgn 6/23/2014 2:41:57 PM