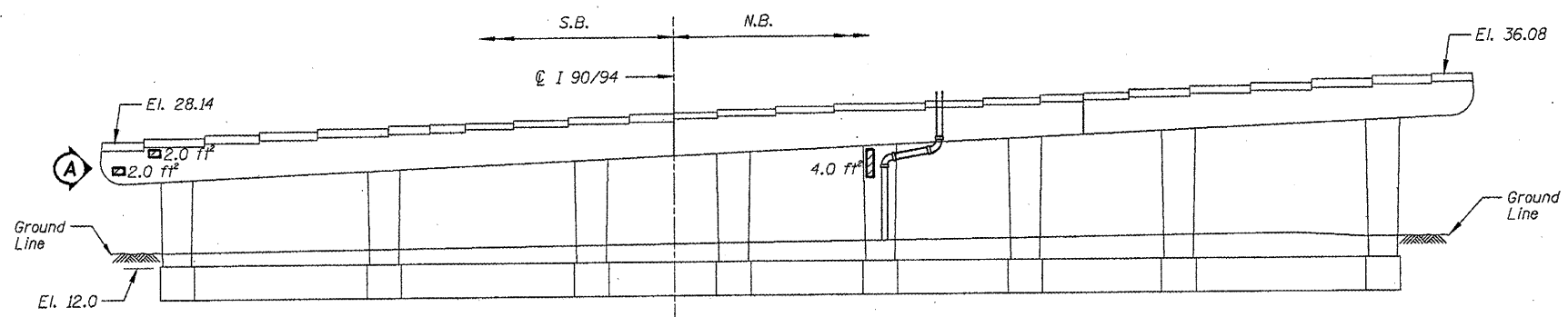
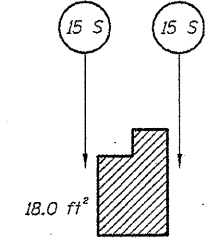


ROUTE FAI 90/94	SECTION 2011-027-I	COUNTY COOK	TOTAL SHEETS 87	SHEET NUMBER 40
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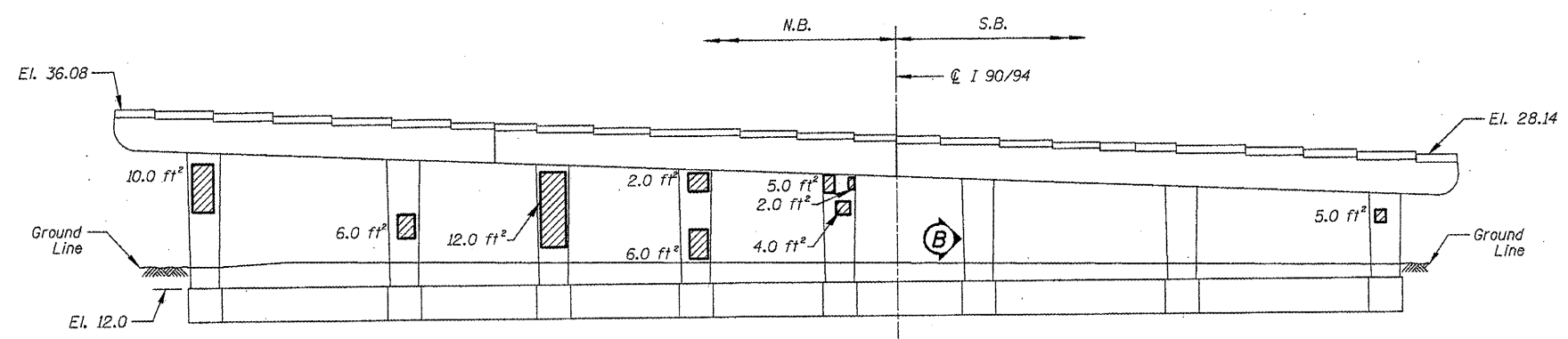
CONTRACT NO. 60P27



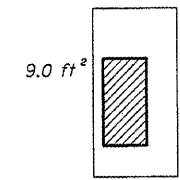
**PIER 28 - SOUTH ELEVATION**  
(Looking North)



**PIER 28 - VIEW A**  
Looking east at end of cap.

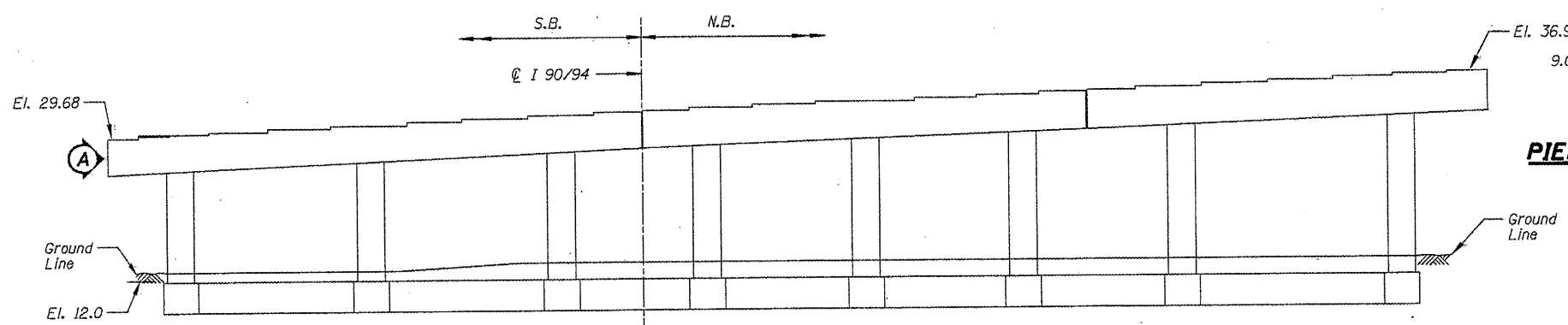


**PIER 28 - NORTH ELEVATION**  
(Looking South)

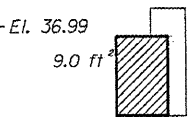


**PIER 28 - VIEW B**  
Looking West at side of column

▨ - Structural Repair of Concrete (Depth equal to or less than 5")



**PIER 29 - SOUTH ELEVATION**  
(Looking North)



**PIER 29 - VIEW A**  
Looking east at end of cap

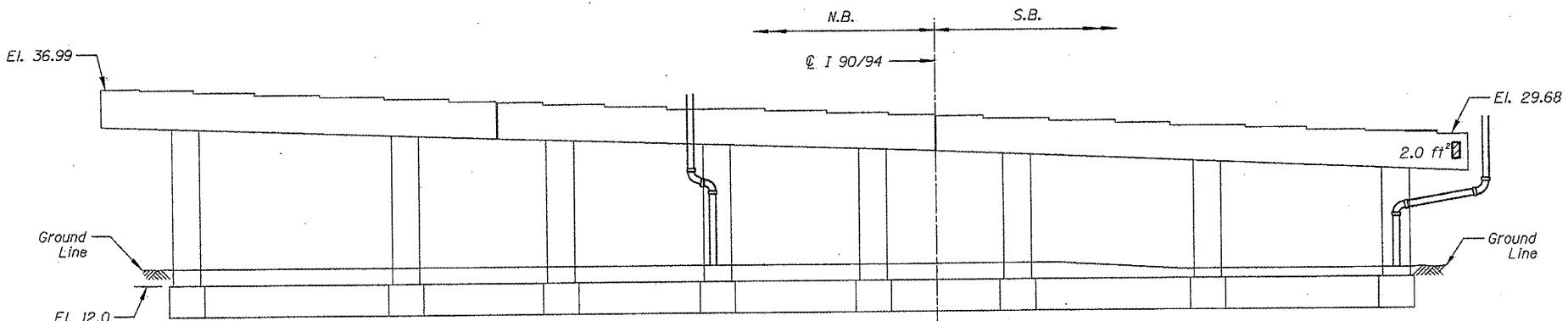
REACTION TABLE		
PIER 28	SPAN 28	SPAN 26
Reaction DL	43.8 kips	34.5 kips
Reaction LL	45.0 kips	29.4 kips
Reaction Impact	10.3 kips	6.7 kips
Reaction Total	99.1 kips	70.6 kips

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth equal to or less than 5")	SQ. FT.	98.0
Temporary Shoring and Cribbing	EACH	2



Beam # - Temporary Shoring and Cribbing  
See Sheet 19 for location of beam.



**PIER 29 - NORTH ELEVATION**  
(Looking South)

ILLINOIS DEPARTMENT OF  
TRANSPORTATION  
I-90/94 (DAN RYAN EXPRESSWAY)  
SUBSTRUCTURE REPAIRS  
SN 016-1112  
PIERS 28 & 29