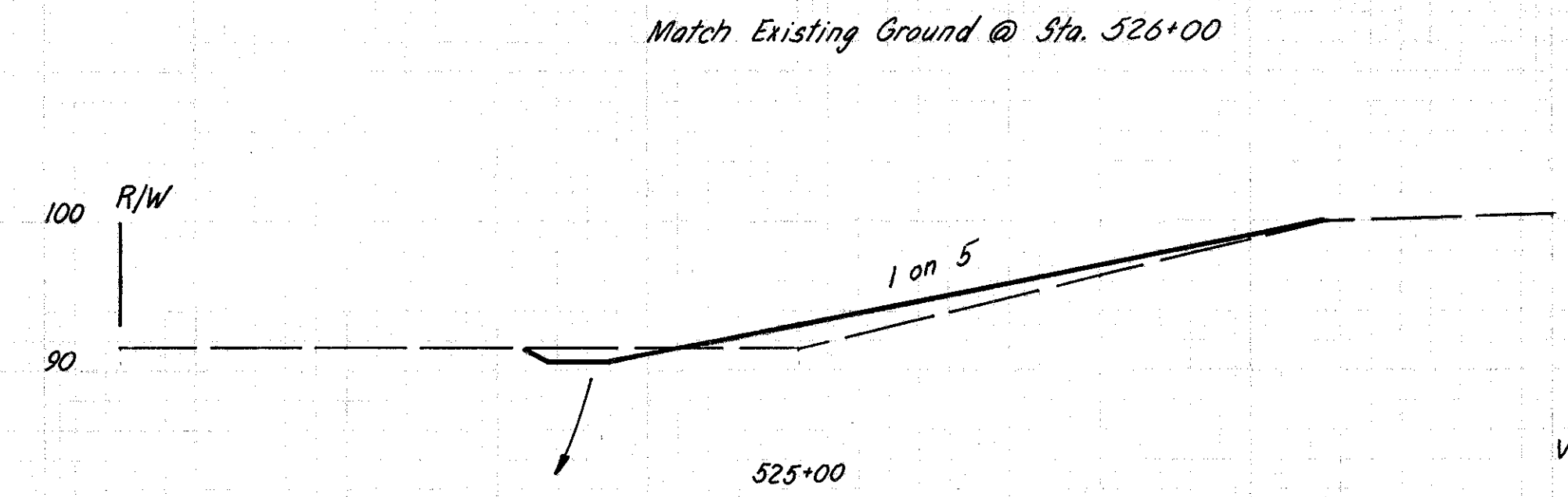
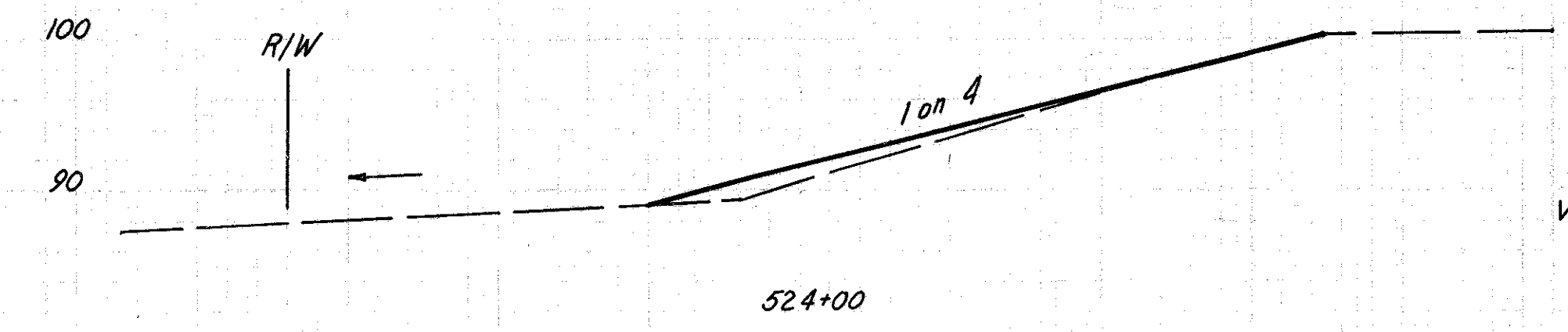


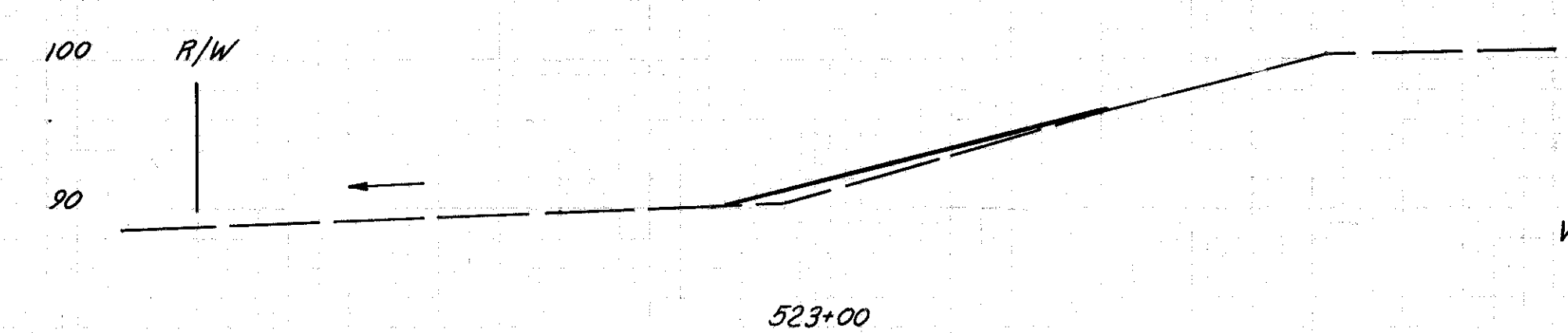
QUANTITIES  
 Made: REM 4-29-72  
 Ckd: RAE 5-31-72



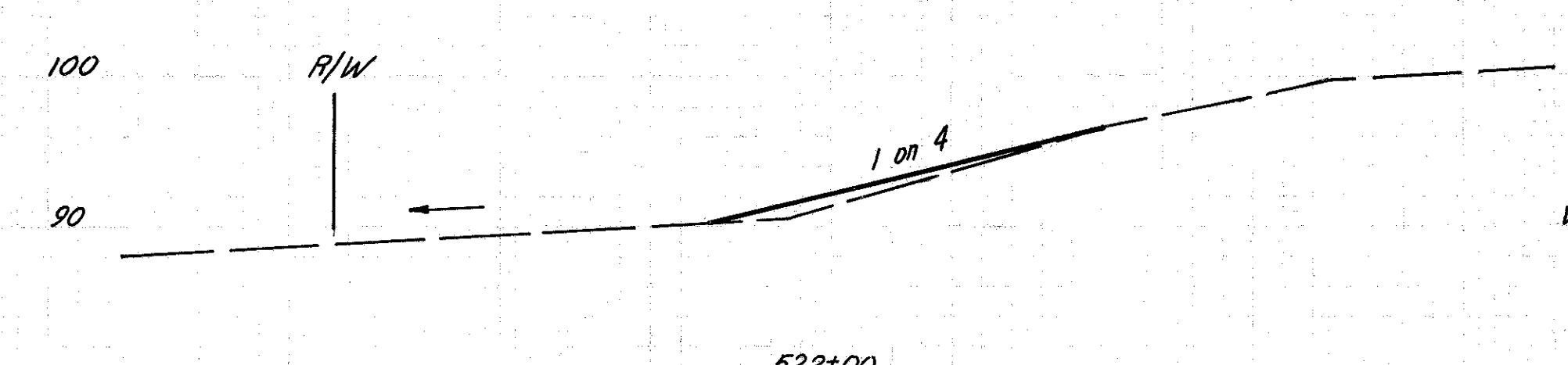
Vol. Exc. =  $\frac{(6 \times 0) 200}{34} = 22.2$  Cu. Yds.  
 Vol. Emb. =  $\frac{(38 \times 26) 100}{54} = 118.5$  Cu. Yds.



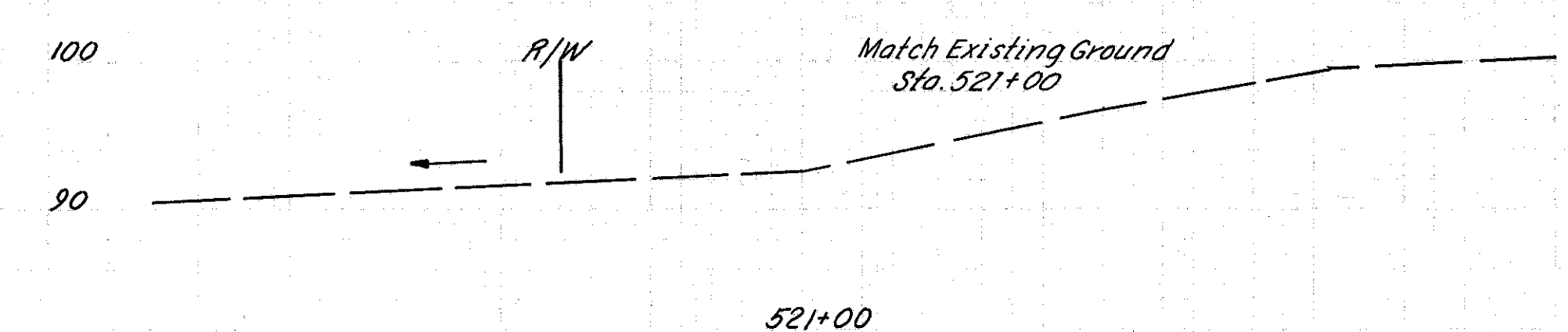
Vol. Emb. =  $\frac{(26 \times 13) 100}{34} = 72.2$  Cu. Yds.



Vol. Emb. =  $\frac{(13 \times 13) 100}{34} = 48.1$  Cu. Yds.



Vol. Emb. =  $\frac{(13 \times 0) 100}{34} = 24.0$  Cu. Yds.



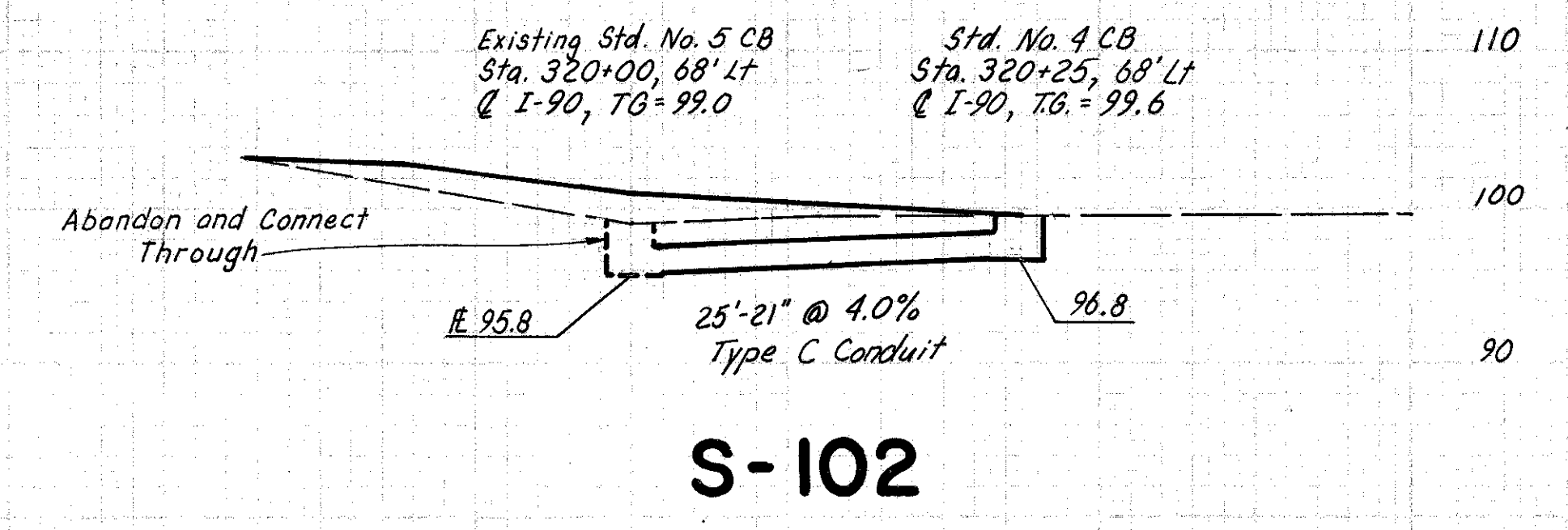
At Sta. 521+00 West Bound Lane, Left Edge of Pavement, Elevation = 100.00

TOTAL VOLUME  
 Excavation = 22 Cubic Yards  
 Embankment = 263 Cubic Yards  
 Seeding & Mulching = 1700 Sq. Yds.  
 (For Plan View See Sheet 20.)

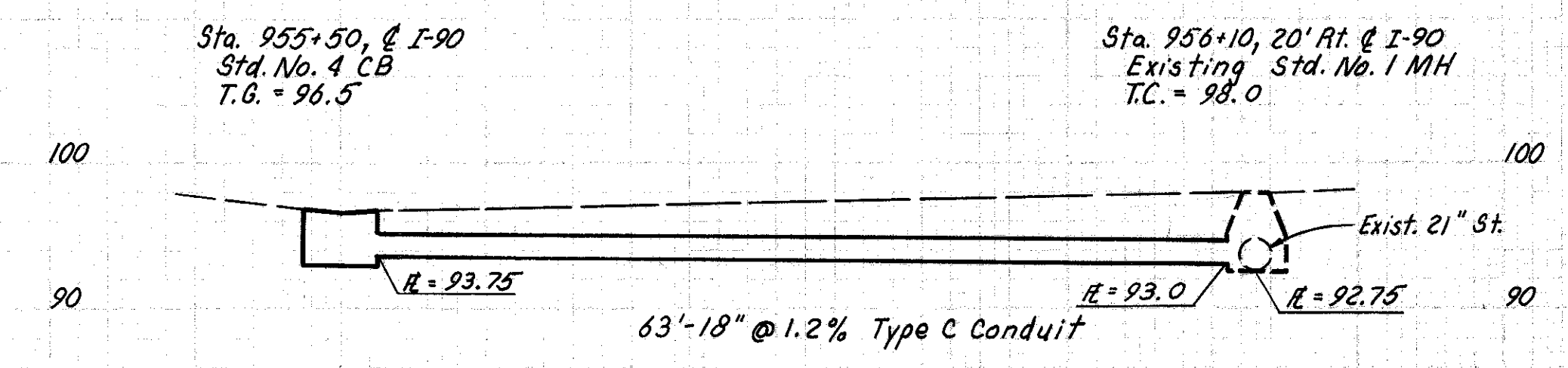
HOWARD, NEEDLES, TAMMEN & BERGENDOFF  
 CONSULTING ENGINEERS  
 KANSAS CITY CLEVELAND NEW YORK

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

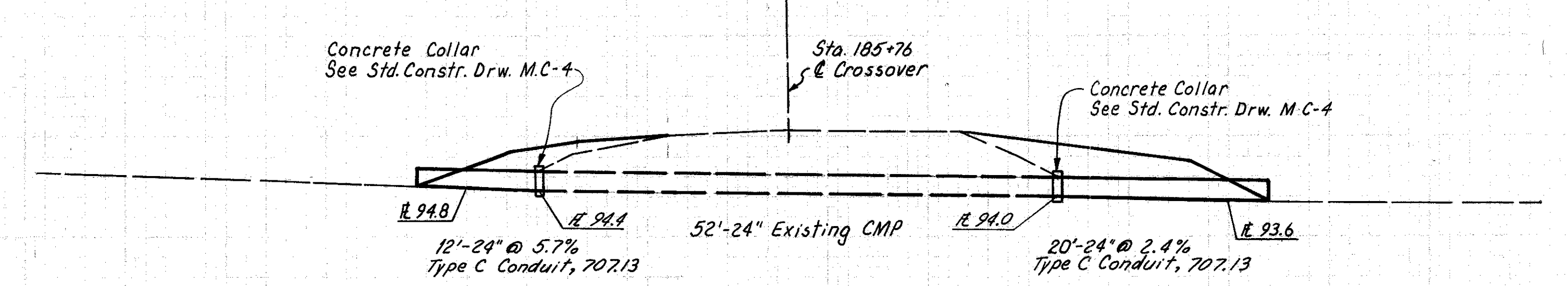
LAKE COUNTY  
 LAKE 90-3.56



S-102



S-101



S-103

S-104