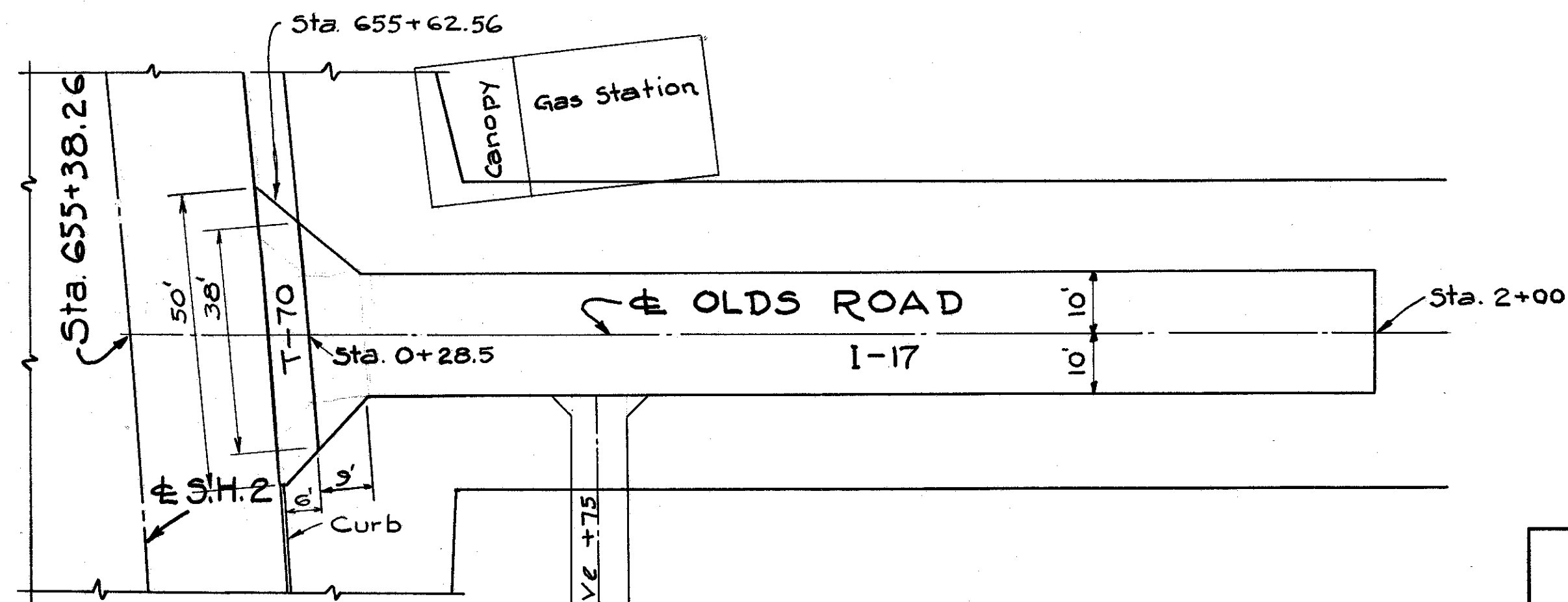
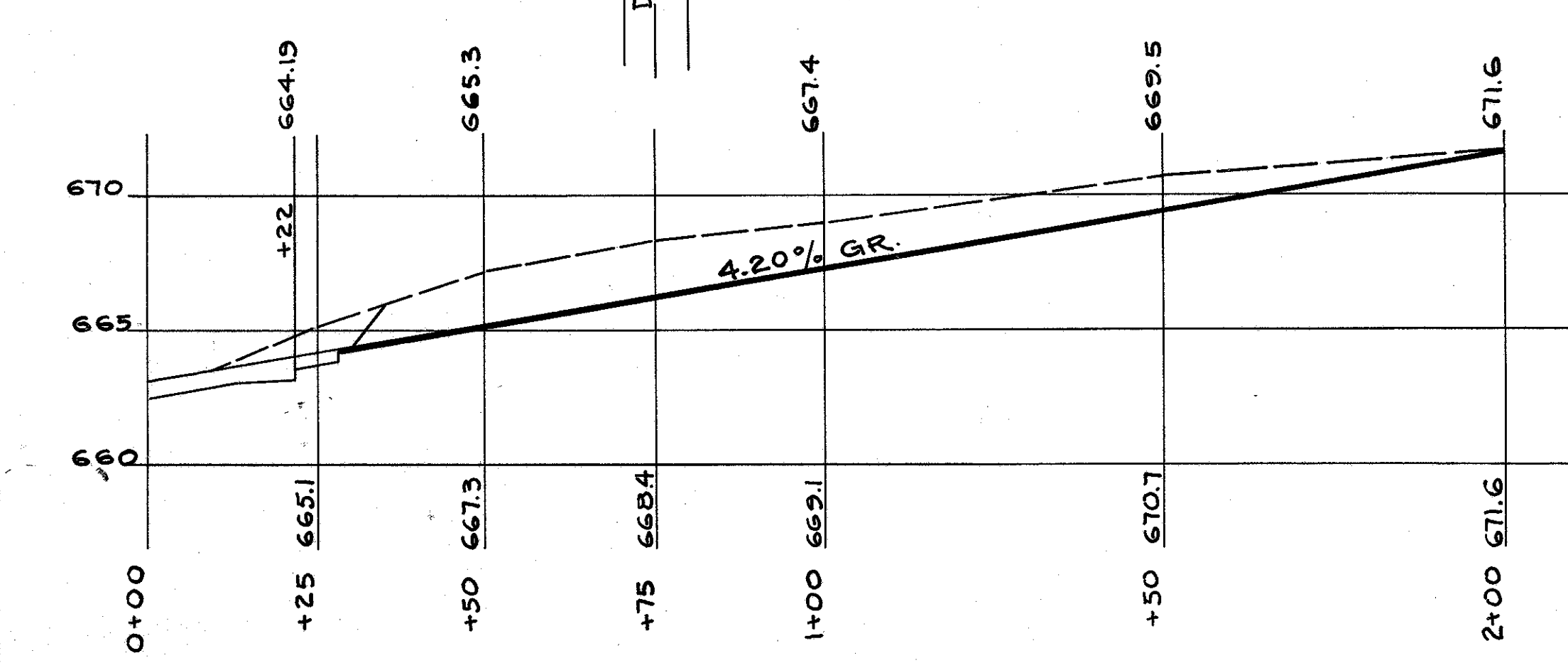


**LAKE COUNTY
S.H.2 - SEC. Q (PT)**

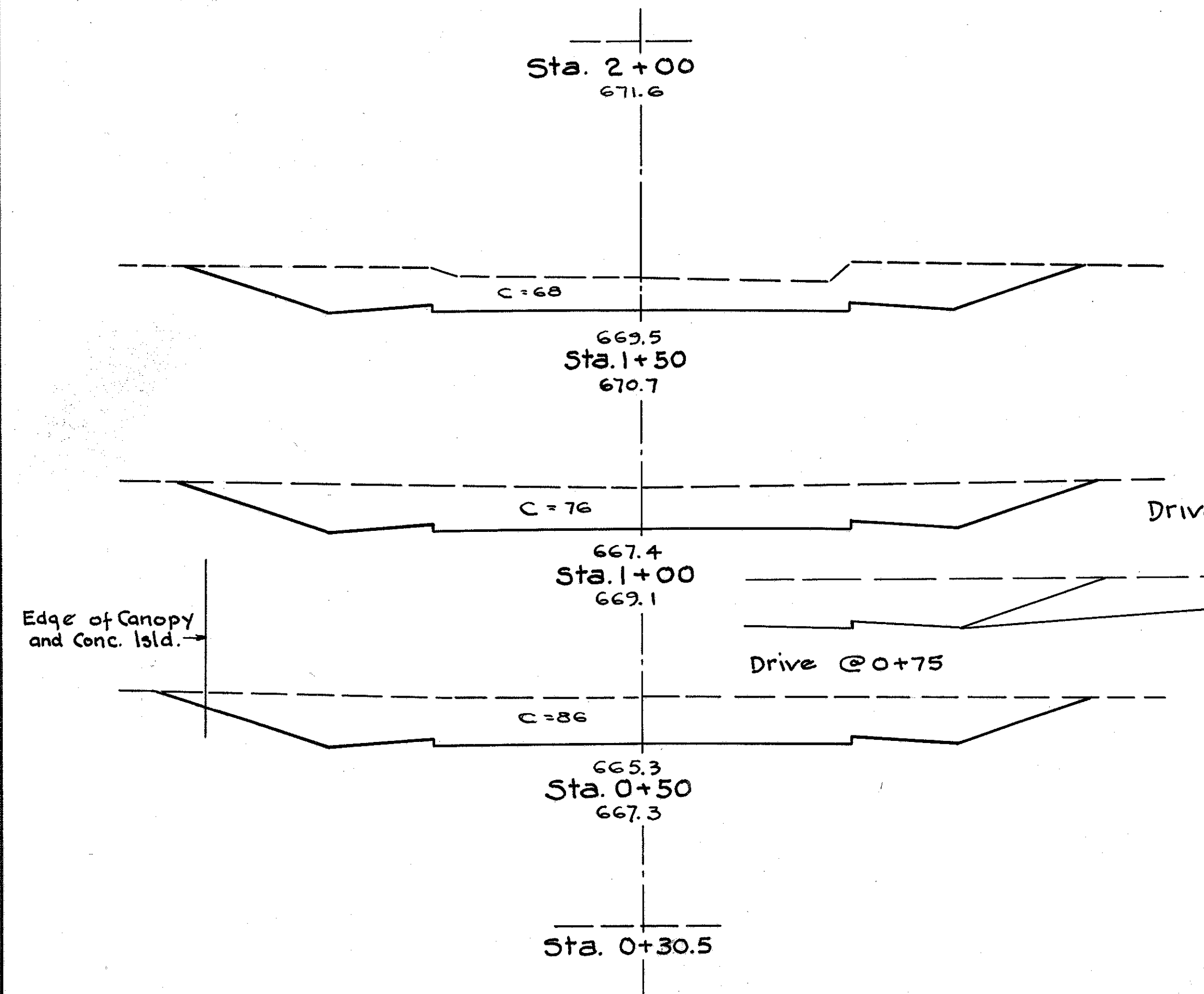


**INTERSECTION
STA. 655+38.26
OLDS ROAD**

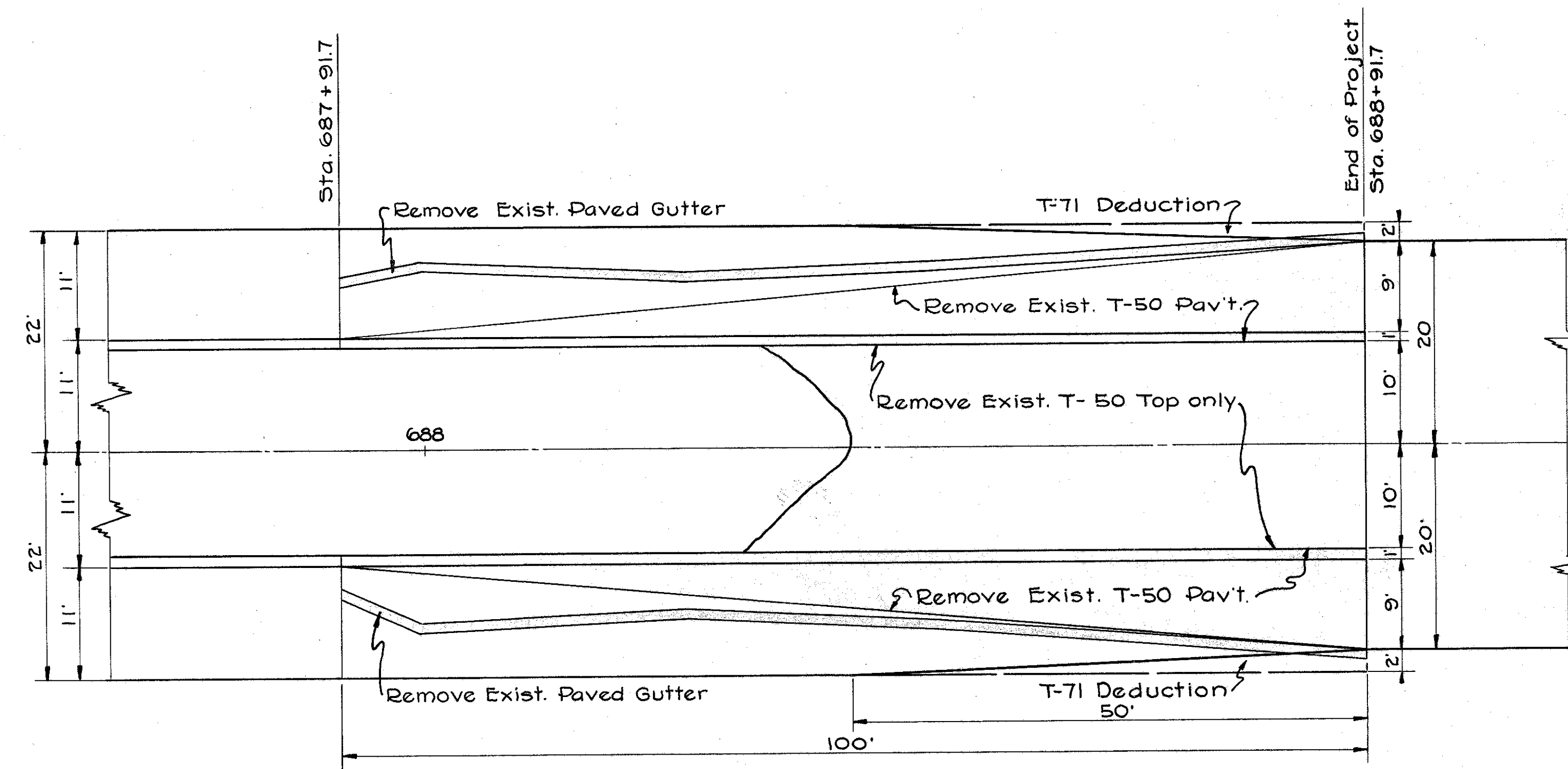
T-70 32.1 Sq. Yds.
 1-17 36.9 Cu. Yds.
 Excavation 393.0 Cu. Yds.
 Deduct Curb 50 Lin. Ft.



1-17 = $\frac{40 \times 10 \times .25}{27} + \frac{5 \times 5 \times .25}{27} = 4.1$ Cu. Yds.
 1-17 = $\frac{171.5 \times 20 \times .25}{27} + \frac{2 \times 2 \times .25}{27} = 32.8$ Cu. Yds.
 T-70 = $\frac{(50+38)}{2} \times \frac{6}{9} + 50 \times \frac{5}{9} = 32.1$ Sq. Yds.



Excavation		
Sta.	End Area	Cu. Yds.
2+00	0	
		63
1+50	68	
		134
1+00	76	
+75		15
		150
0+50	86	
		31
0+30.5	0	
		31
Total.		393



QUANTITIES

T-50 Removed (Top Course only) $\frac{20 \times 55}{9} = 122.2$ Sq. Yds.
 Paved Gutter Removed = 204 Lin. Ft.
 T-71 Deduction $\frac{50 \times 2}{9} = 11.1$ Sq. Yds.

DETAIL OF TRANSITION - STA. 687+91.7