

136+0 Build standard 12" encased vit. pipe culvert 36' long - 2 Hws. 7.0 cu. yds. excavation 2.0 cu. yds. 1-2-4 concrete 3.9 cu. yds. 1-3-6 concrete 36 lin. ft. 12" vit. pipe

A = 21°-11'  
T = 141.83'  
R = 758.47'  
L = 280.45'  
D = 7°-33'-30"  
Super

A = 34°-09'  
T = 129.14'  
R = 420.45'  
L = 250.60'  
D = 15°-40"  
Super

A = 23°-54'-30"  
T = 136.38'  
R = 643.69'  
L = 268.60'  
D = 8°-55"  
Super

Sta. 148+08 Build standard 24" encased vitrified pipe culvert 36' long 2 headwalls, Remove one wall of old culvert 11.0 cu. yds. excavation 3.5 cu. yds. 1-2-4 concrete 7.45 cu. yds. 1-3-6 concrete 36 lin. ft. 24" vitrified pipe 9.0 cu. yds. old stone to be removed

B.M. # 33 Sba. 132+21 Spike in 36" stump 60' L of C Elev. = 627.69

B.M. # 34 Sba. 136+88 Spike in 24" maple 30' 60' R of C Elev. = 626.47

B.M. # 35 Sba. 142+82 Spike in 18" maple 35' 60' R of C Elev. = 624.76

B.M. # 36 Sba. 147+22 Spike in 28" maple 23' to R of C Elev. = 620.38

B.M. # 37 Sba. 150+76 Spike in 16" W. cherry 24' to R of C Elev. = 621.36

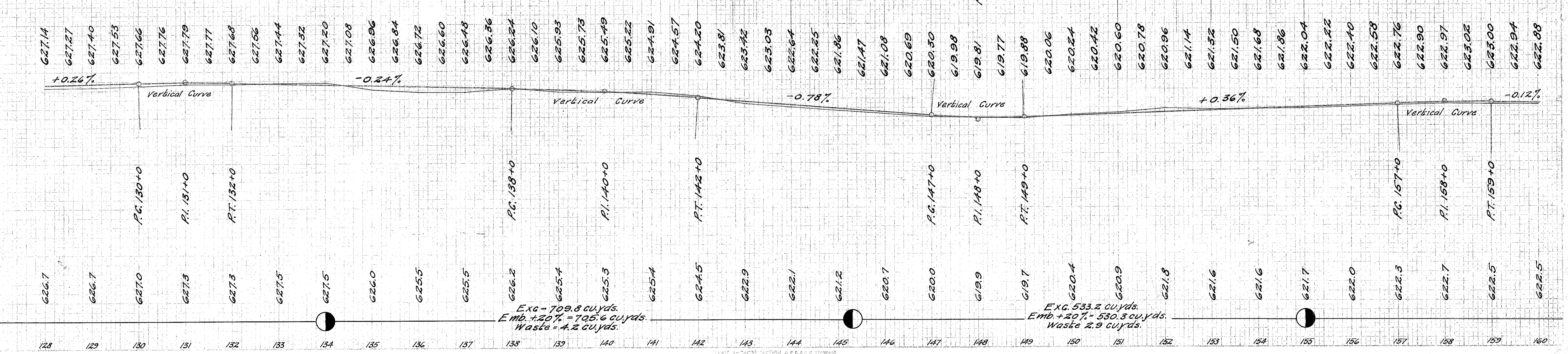
B.M. # 38 Sba. 153+60 Spike in 20" W. cherry 27' 60' R of C Elev. = 622.08

B.M. # 39 Sba. 157+50 Spike in 10" locust 24' 60' L of C Elev. = 622.81

LEFT				RIGHT			
Edge Par.	Width	Station	Grade/Elev.	Width	Edge Par.	Station	Grade/Elev.
626.67	9'	135+50	626.84	9'	626.67		
626.55	10.6	136+0	626.72	9'	626.93		
626.43	12.0	136+50	626.60	9'	627.19		
626.31	12.0	137+0	626.48	9'	627.07		
626.19	12.0	137+50	626.36	9'	626.95		
626.07	12.0	138+0	626.24	9'	626.83		
625.93	11.4	138+50	626.10	9'	626.54		
625.76	9.9	139+0	625.93	9'	625.99		
625.64	9'	139+50	625.81	9'	625.64		
93 sq. yds. extra pav.							

LEFT				RIGHT			
Edge Par.	Width	Station	Grade/Elev.	Width	Edge Par.	Station	Grade/Elev.
624.74	9'	141+0	624.91	9'	624.74		
624.40	11.95	141+50	624.51	9'	623.14		
624.03	14.50	142+0	624.20	9'	623.51		
623.64	14.50	142+50	623.81	9'	623.12		
623.25	14.50	143+0	623.42	9'	624.73		
622.86	14.50	143+50	623.03	9'	624.34		
622.47	11.95	144+0	622.64	9'	623.21		
622.08	9'	144+50	622.25	9'	622.08		
144 sq. yds. extra pav.							

LEFT				RIGHT			
Edge Par.	Width	Station	Grade/Elev.	Width	Edge Par.	Station	Grade/Elev.
620.25	9'	150+50	620.42	9'	620.25		
621.11	9'	151+0	620.60	10.9	620.43		
621.97	9'	151+50	620.78	12.6	620.61		
622.15	9'	152+0	620.96	12.6	620.79		
622.33	9'	152+50	621.14	12.6	620.97		
622.51	9'	153+0	621.32	12.6	621.15		
622.24	9'	153+50	621.50	11.5	621.33		
621.75	9'	154+0	621.68	9.6	621.51		
621.67	9'	154+18	621.74	9'	621.57		
127 sq. yds. extra pav.							



Exc = 709.8 cu. yds.  
Emb. +20% = 705.6 cu. yds.  
Waste = 4.2 cu. yds.

Exc = 533.2 cu. yds.  
Emb. +20% = 530.3 cu. yds.  
Waste = 2.9 cu. yds.

FINAL SURVEY NOTE BOOK

PLANNED SURVEY NOTE BOOK