

GUARD RAIL (R)				
Item No	From Sta.	To Sta.	R or L	Lin. Ft.
1-R	177+34	180+70	L	336
2-R	177+34	178+54	R	120
3-R	179+10	180+70	R	160

STA. 177+49.36 to STA. 181+24.37									
LEFT					RIGHT				
Deduct from	Elev. edge	W	Station	Grade	Deflection	W	Elev. edge	add to	Lodge
.25	668.33	10	177+49.36	668.58		10	668.33		
	666.77		177+75	666.02			665.89		.09
	663.27		178+0	663.52			663.45		.18
	660.77		178+25	661.02			661.04		.27
	658.33		RT 178+49.36	658.58	0-00		658.69		.36
	655.77		178+75	656.02	0-15-23		656.22		.45
	653.35		179+0	653.60	0-30-23		653.89		.54
	651.09		179+25	651.34	0-45-23		651.63		.63
	648.99		179+50	649.24	1-00-23		649.53		.72
	647.05		179+75	647.30	1-15-23		647.59		.81
	645.27		180+0	645.52	1-30-23		645.72		.90
	643.85		RT 180+24.37	644.10	1-45		644.21		.99
	642.19		180+50	642.44			642.46		.07
	640.89		180+75	641.14			641.07		.16
	639.75		181+0	640.00			639.84		.25
	638.80	10	181+24.37	639.05		10	638.80		.0

SEWERS (S)						
Item No	Size	Type	From Sta.	To Sta.	R or L	Lin. Ft.
1-S	18"	V.P. (enc)	178+00	179+50	37 to R	150

2 Headwalls  
1:5<sup>1</sup>/<sub>2</sub> Conc. Steel  
20 cu. yds. 52 lbs

CULVERTS (C)			
Item No	Station	Type	Work Required
14-C	183+62	Std. cast iron	Remove existing 6" x 38" V.P. culv. and build 54" x 57" cast iron pipe culv. Hw R+L

DRIVES (D)				
Station	Type	Size	Length	R or L
183+73	Corr.	12"	20'	R
185+12	Corr.	12"	20'	L
185+31	Corr.	12"	20'	R
190+18	Corr.	8"	20'	L
190+91	Corr.	8"	20'	R
192+54	Corr.	8"	20'	L
193+41	Corr.	12"	20'	R
196+00	Corr.	18"	20'	L

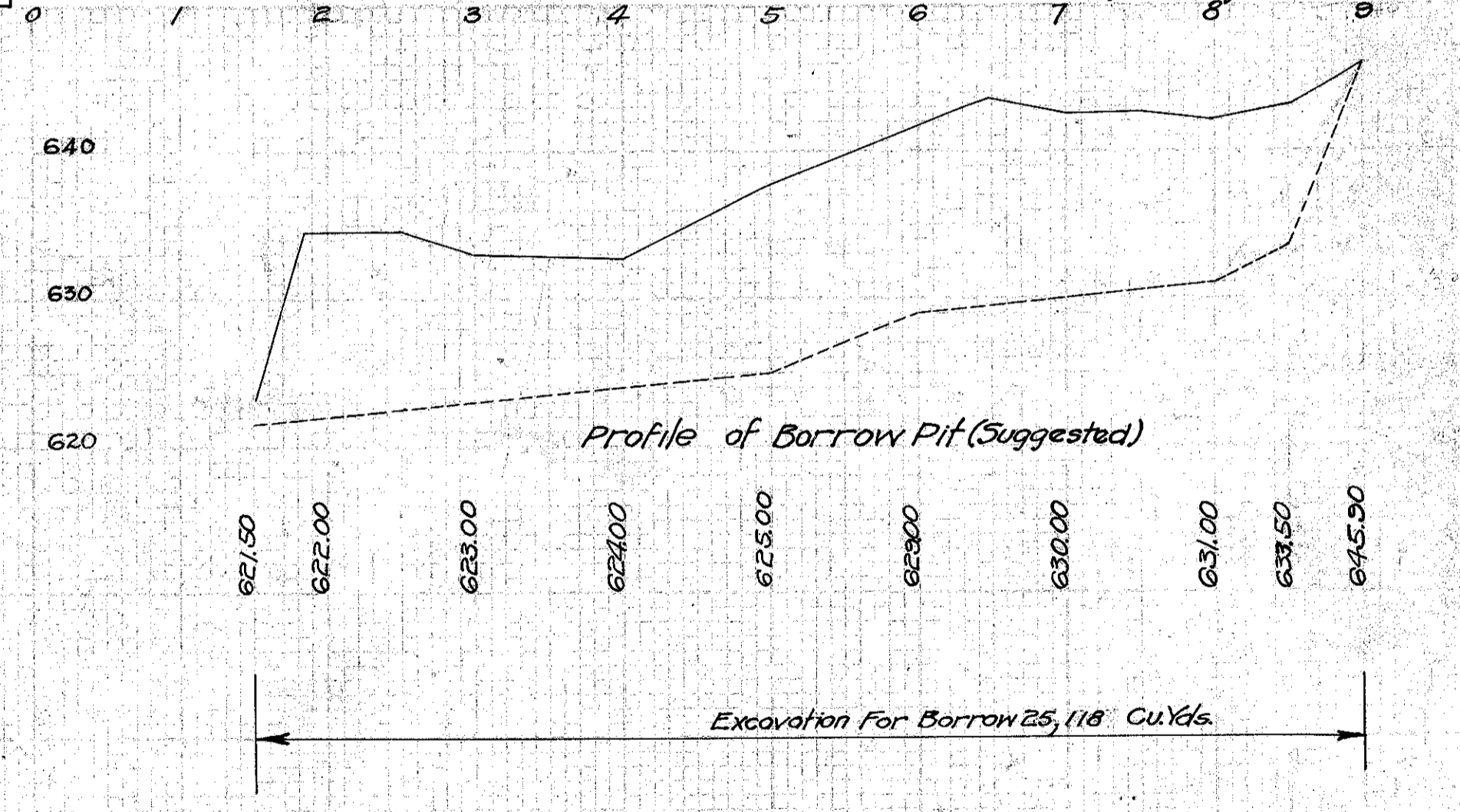
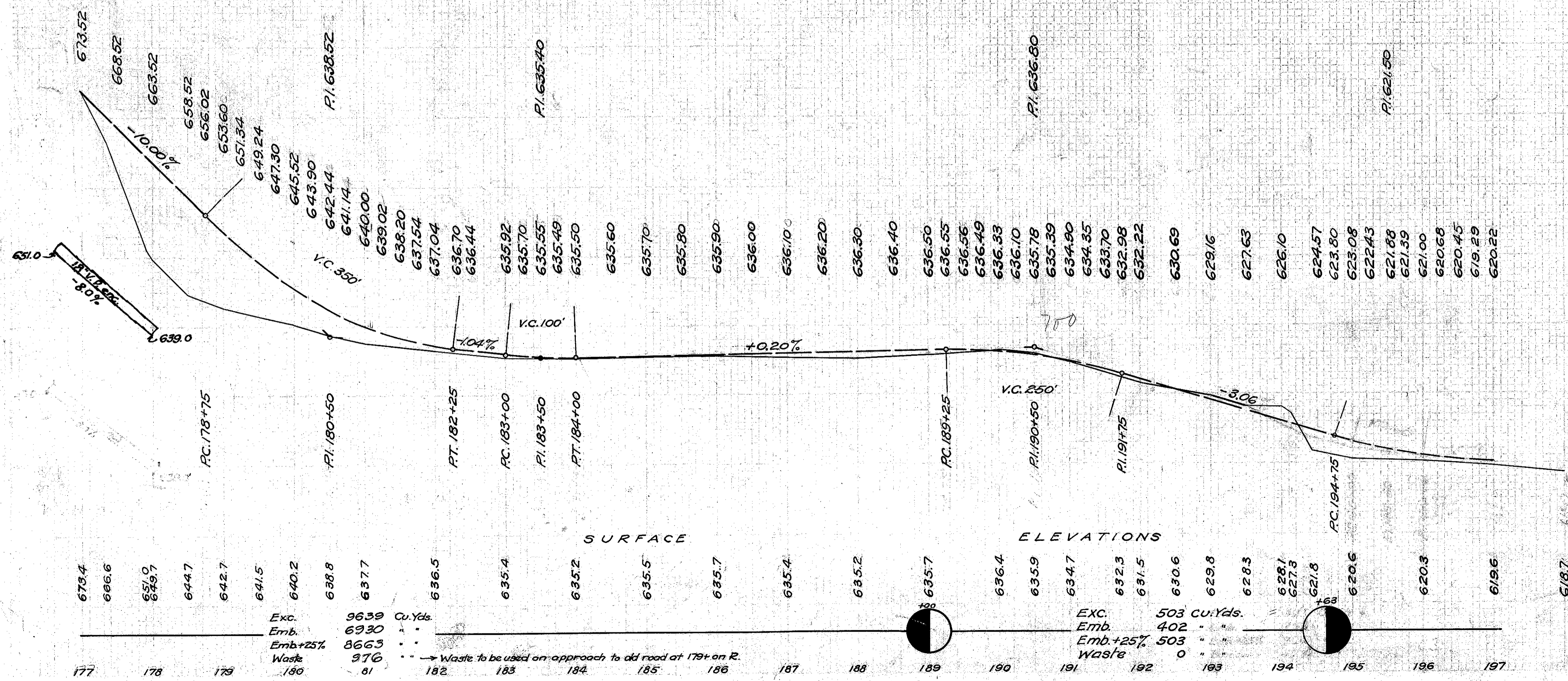
B.M. #44 Sta. 178+32  
Spike in 6" maple  
125' to R. of  $\phi$   
Elev. = 651.81

B.M. #45 Sta. 182+10  
Spike in rear root of 20" maple  
20' to L. of  $\phi$   
Elev. = 635.98

B.M. #46 Sta. 187+28  
Spike in rear root of 15" apple  
40' to L. of  $\phi$   
Elev. = 636.05

B.M. #47 Sta. 191+92  
Spike in 26" maple  
19' to L. of  $\phi$   
Elev. = 630.48

Grade line shown is crown elevation of finished surface



Exc.	Emb.	Emb.+25%	Waste	Station	Exc.	Emb.	Emb.+25%	Waste
96.39	69.30	86.63	37.6	177	503	402	503	0
				178				
				179				
				180				
				181				
				182				
				183				
				184				
				185				
				186				
				187				
				188				
				189				
				190				
				191				
				192				
				193				
				194				
				195				
				196				
				197				

Waste to be used on approach to old road at 179 on R.