

SUMMARY OF QUANTITIES FOR CULVERTS & BRIDGES.

Sta.	Type	Size	Excavat- ion Cu. Yds.	Concrete			Vitrified Pipe					Reinforcing Steel lbs.	Concrete Rail Lin. ft.	Rubble Max. Relaid Cu. Yds.	Steel Structural lbs.	Pavement 3" Bit. Sq. Yds.	Piling Lin. ft.	Miscellaneous	Remarks
				1-2-4 Cu. Yds.	1-2 1/2-5 Cu. Yds.	1-3-6 Cu. Yds.	12" Lin. ft.	15" Lin. ft.	18" Lin. ft.	20" Lin. ft.	24" Lin. ft.								
STRUCTURES 20 FEET AND UNDER																			
6+50	V.P.	12"x430"	13	2	4.4	44'-0"					45#							Remove 12" V.P.	Standard V.P. Culvert
18+45	V.P.	12"x360"	12 <sup>5</sup>	2	3.7	36'-0"					45#								Standard V.P. Culvert
30+50	V.P.	12"x420"	12	2	4.2	42'-0"					45#								Standard V.P. Culvert
37+05	Con. Box	2'x2'x3'6"	14	11 <sup>5</sup>							555#							Remove 4' Dia. Built	Standard Concrete Box
43+45	V.P.	12"x29"	12	2	3.0	30'-0"					45#								Standard V.P. Culvert
67+0	Con. Box	2'x2'x4'	36	13 <sup>2</sup>							671#							Remove 18" C.I.P.	Standard Concrete Box
74+45	V.P.	12"x320"	23	2	3.2	32'-0"					45#								Standard V.P. Culvert
80+98	V.P.	12"x960"	12	2 <sup>6</sup>	10.1	96'-0"					45#								Standard S.P. V.P. Culvert
93+0	V.P.	12"x258"	15	2 <sup>1</sup>	2.5	26'-0"					45#								Standard H.S. V.P. Culvert
100+0	V.P.	12"x390"	10	2	4.0	40'-0"					45#							Remove 10" C.I.P.	Standard V.P. Culvert
101+67	V.P.	24"x300"	18	5 <sup>5</sup>	5.0				30'-0"		75#							Remove 20" V.P.	Standard V.P. Culvert
105+19	V.P.	12"x280"	12	2	2.8	28'-0"					45#							" 10" C.I.P.	Standard V.P. Culvert
112+44	V.P.	12"x350"	9	2	3.4	36'-0"					45#							" 8" V.P.	Standard V.P. Culvert
116+38	V.P.	12"x370"	6	2	3.1	32'-0"					45#							" 8" V.P.	Standard V.P. Culvert
117+78	V.P.	12"x320"	7	2	3.2	32'-0"					45#								Standard V.P. Culvert
118+07	V.P.	12"x360"	6	2	3.7	36'-0"					45#								Standard V.P. Culvert
120+06	V.P.	12"x340"	6	2	3.5	34'-0"					45#								Standard V.P. Culvert
121+87	V.P.	12"x370"	7	2	3.1	32'-0"					45#							Remove 12" V.P.	Standard V.P. Culvert
124+85	Con. Box	5'x2'x30"	6	18							920#							" Wood Box	Standard Con. Box
128+30	V.P.	12"x300"	10	2	3.0	30'-0"					45#							Remove 10" C.I.P.	Standard V.P. Culvert
136+0	V.P.	12"x370"	10	1	4.0	38'-0"					23#							(ii) Standard Inlet (iii) Standard Inlet Grating.	Standard V.P. Culvert with Inlet
146+85	V.P.	12"x300"	7 <sup>5</sup>	2	3.0	30'-0"					45#								Standard V.P. Culvert
160+70	V.P.	12"x290"	8	2	3.0	30'-0"					45#							(ii) Standard Inlet (iii) Standard Inlet Grating.	Standard V.P. Culvert
165+24	V.P.	12"x360"	8	1	4.0	36'-0"					23#								Stan. V.P. Culvert & Ditch Inlet
166+17	V.P.	12"x360"	5	1	4.0	36'-0"					23#								Stan. V.P. Culvert & Ditch Inlet
170+0	V.P.	12"x390"	14	2.7	3.8	38'-0"					30#								Standard H.S. V.P. Culvert
176+0	V.P.	12"x360"	14	2.7	3.7	36'-0"					30#								Standard H.S. V.P. Culvert
Total Quantities				313.0	92.0	92.2	8508'				30'-0"	3160#							
STRUCTURES OVER 20 FEET																			
89+85	Through Iron Girder	30'x20'	145.0	348	80	27					7280#							Remove Old Bridge	2 C.I. Scupper's
103+86	Concrete Beam	26'x20'									4775#	60						Remove present steel bridge & replace with 26'x20' Concrete bridge.	
Total Quantities				245.0	116 <sup>6</sup>	80	44 <sup>4</sup>				13061#	60							