

14,9960 cu.yds. excavation
 52,442.05g.yds. pavement
 2,400 lin.ft. type A guard rail
 19,750 lin.ft. 6" drain tile
 10 trees to be removed
 3 Inlet basins

I.C.H.No.520 SEC.
 LAKE COUNTY

SUMMARY OF QUANTITIES

Station	Type	Size	Length	Excav. cu.yds.	Concrete		Reinf. steel lbs.	Vitrified pipe					Vitrified pipe removed					Vitrified pipe relaid			Old stone removed cu.yds.	Parapets reset N°	Corr. pipe removed 18" Lin.Ft.	Cast I.P. relaid 24" Lin.Ft.	12" x 12" Ts. N°	12" x 12" concrete	12" x 12" concrete	12" x 12" concrete	12" x 12" concrete	Remarks							
					1-2-4 cu.yds.	1-3-6 cu.yds.		10" Lin.Ft.	12" Lin.Ft.	15" Lin.Ft.	18" Lin.Ft.	24" Lin.Ft.	10" Lin.Ft.	12" Lin.Ft.	15" Lin.Ft.	18" Lin.Ft.	24" Lin.Ft.	12" Lin.Ft.	15" Lin.Ft.	18" Lin.Ft.																	
0+33	V.P.(enc)	10"	36'	6		3.9		36'																													
4+28	V.P.(enc)	10"	56'	9		5.6		56'																													
12+85	conc. box	3'x5'	10'	5	9.2		463																												extension.		
26+92	V.P.	12"	180'		0.78				180						24																						
28+62	conc. box	4'x3'	6'	10	12.2		641												7.0	1															extension and top		
42+25	V.P.(enc)	12"	36'	7	2.0	3.9			36'						20																						
62+50	Beam Br.	8-32-24'	36'	80.0	45.0		8920																													Over 20' span and not included in totals below.	
121+38	V.P.(enc)	12"	36'	7	2.0	3.9			36'																												
136+0	V.P.(enc)	12"	36'	7	2.0	3.9			36'																												
148+08	V.P.(enc)	24"	36'	10	3.5	7.45								36																							
165+32	V.P.(enc)	24"	44'	9	3.5	9.1								44																							
179+04	V.P.(enc)	15"	36'	7	2.3	4.7																															
191+55	V.P.(enc)	12"	36'	6	2.0	3.9																															
218+				1	2.9																															headwalls	
224+96	V.P.(enc)	18"	36'	8	2.7	5.6																															
235+90	pipe	24"	36'	8	3.5	1.2																															
250+13																																					
255+97	V.P.(enc)	12"		20	1.78	8.7																															80' enclosed 9.94' sewer
Total of Quantities				120	50.36	61.85	1104	92	390		28	86	30	108	36	8	76	108	36	8	21.0	1	30	30	2												

SIDEROAD STRUCTURES

Station	Type	Size	Length	Excavation cu.yds.	1-2-4 conc. cu.yds.	Remarks	Station	Type	Size	Length	Excavation cu.yds.	1-2-4 conc. cu.yds.	Remarks	Station	Type	Size	Length	Excavation cu.yds.	1-2-4 conc. cu.yds.	Remarks	Station	Type	Size	Length	Excavation cu.yds.	1-2-4 conc. cu.yds.	Remarks		
06+04	Vitrified	10"	406'				87+00	Corr.	12"	20'	0.5	0.78	R of E	132+00	Corr.	12"	20'	0.5	0.78	L of E	180+25	Corr.	12"	20'	0.5	0.78	R of E		
13+70	Corr.	12"	20'	0.5	0.78	L of E	87+60	Corr.	12"	40'	0.5	0.78	L of E	132+35	Corr.	12"	20'	0.5	0.78	R of E	184+10	Corr.	12"	20'	0.5	0.78	R of E		
16+00	Corr.	12"	40'	0.5	0.78	L of E	88+20	Corr.	12"	20'	0.5	0.78	L of E	135+10	Corr.	12"	20'	0.5	0.78	R of E	188+80	Corr.	12"	20'	0.5	0.78	R of E		
17+08	Corr.	12"	20'	0.5	0.78	L of E	88+50	Corr.	12"	20'	0.5	0.78	R of E	138+60	Corr.	12"	20'	0.5	0.78	R of E	189+90	Corr.	12"	20'	0.5	0.78	L of E		
19+10	Corr.	12"	40'	0.5	0.78	L of E	92+90	Corr.	12"	20'	0.5	0.78	L of E	139+50	Corr.	12"	20'	0.5	0.78	L of E	193+50	Corr.	12"	20'	0.5	0.78	R of E		
22+20	Corr.	12"	50'	0.5	0.78	L of E	93+60	Corr.	12"	20'	0.5	0.78	R of E	142+75	Corr.	12"	20'	0.5	0.78	R of E	194+70	Corr.	12"	20'	0.5	0.78	L of E		
26+75	Corr.	12"	50'	0.5	0.78	L of E	97+80	Corr.	12"	20'	0.5	0.78	R of E	149+60	Corr.	12"	20'	0.5	0.78	R of E	196+10	Corr.	12"	20'	0.5	0.78	R of E		
35+00	Corr.	12"	20'	0.5	0.78	L of E	99+90	Corr.	12"	20'	0.5	0.78	L of E	149+75	Corr.	12"	20'	0.5	0.78	L of E	198+50	Corr.	12"	20'	0.5	0.78	L of E		
35+80	Corr.	12"	20'	0.5	0.78	R of E	102+00	Corr.	12"	20'	0.5	0.78	R of E	151+50+or-	Corr.	12"	20'	0.5	0.78	R of E	200+75	Corr.	12"	20'	0.5	0.78	L of E		
36+80	Corr.	12"	50'	0.5	0.78	R of E	105+50	Corr.	12"	20'	0.5	0.78	R of E	154+0+or-	Corr.	12"	20'	0.5	0.78	R of E	212+0+or-	Corr.	12"	20'	0.5	0.78	L of E		
39+70	Corr.	12"	50'	0.5	0.78	R of E	107+30	Corr.	12"	20'	0.5	0.78	L of E	154+30	Corr.	12"	20'	0.5	0.78	L of E	216+10	Corr.	12"	20'	0.5	0.78	R of E		
42+55	Corr.	12"	50'	0.5	0.78	R of E	109+50	Corr.	12"	20'	0.5	0.78	R of E	156+30	Corr.	12"	40'	0.5	0.78	R of E	228+50	Corr.	12"	60'	0.5	0.78	R of E		
45+20	Corr.	12"	50'	0.5	0.78	R of E	111+00	Corr.	12"	20'	0.5	0.78	R of E	158+50	Corr.	12"	20'	0.5	0.78	L of E	228+50	Corr.	12"	60'	0.5	0.78	L of E		
55+40	Corr.	12"	20'	0.5	0.78	L of E	111+90	Corr.	12"	20'	0.5	0.78	L of E	160+50	Corr.	12"	20'	0.5	0.78	L of E	234+40	Corr.	12"	60'	0.5	0.78	L of E		
57+50	Corr.	12"	20'	0.5	0.78	L of E	114+50	Corr.	12"	20'	0.5	0.78	L of E	162+70	Corr.	12"	20'	0.5	0.78	R of E	234+40	Corr.	12"	60'	0.5	0.78	R of E		
65+80	Corr.	12"	20'	0.5	0.78	L of E	116+20	Corr.	12"	20'	0.5	0.78	R of E	165+90	Corr.	12"	20'	0.5	0.78	L of E	235+70	Corr.	12"	20'	0.5	0.78	L of E		
66+06	Corr.	12"	20'	0.5	0.78	R of E	117+60	Corr.	12"	20'	0.5	0.78	L of E	166+50	Corr.	12"	70'	0.5	0.78	L of E	237+20	Corr.	12"	20'	0.5	0.78	R of E		
70+90	Corr.	12"	20'	0.5	0.78	R of E	121+50	Corr.	12"	20'	0.5	0.78	L of E	167+60	Corr.	12"	20'	0.5	0.78	R of E	240+30	Corr.	12"	60'	0.5	0.78	L of E		
71+40	Corr.	12"	20'	0.5	0.78	R of E	122+90	Corr.	12"	20'	0.5	0.78	R of E	168+50+or-	Corr.	12"	20'	0.5	0.78	R of E	240+30	Corr.	12"	60'	0.5	0.78	R of E		
72+80	Corr.	12"	20'	0.5	0.78	L of E	125+20	Corr.	12"	20'	0.5	0.78	L of E	170+70	Corr.	12"	20'	0.5	0.78	R of E	244+70	Corr.	12"	20'	0.5	0.78	R of E		
74+10	Corr.	12"	20'	0.5	0.78	L of E	128+20	Corr.	12"	20'	0.5	0.78	L of E	171+0+or-	Corr.	12"	20'	0.5	0.78	L of E	246+30	Corr.	12"	60'	0.5	0.78	R of E		
77+50	Corr.	12"	20'	0.5	0.78	L of E	128+90	Corr.	12"	20'	0.5	0.78	L of E	173+20	Corr.	12"	20'	0.5	0.78	R of E	246+30	Corr.	12"	60'	0.5	0.78	L of E		
79+00	Corr.	12"	20'	0.5	0.78	L of E	129+65	Corr.	12"	20'	0.5	0.78	R of E	175+0+or-	Corr.	12"	20'	0.5	0.78	L of E	250+30	Corr.	12"	60'	0.5	0.78	R of E		
81+90	Corr.	12"	20'	0.5	0.78	R of E	129+80	Corr.	12"	20'	0.5	0.78	L of E	176+0+or-	Corr.	12"	20'	0.5	0.78	R of E	250+30	Corr.	12"	60'	0.5	0.78	L of E		
83+40	Corr.	12"	20'	0.5	0.78	L of E	130+40	Corr.	12"	20'	0.5	0.78	R of E	177+30	Corr.	12"	20'	0.5	0.78	R of E	233+80	Corr.	12"	20'	0.5	0.78	R of E		
85+90	Corr.	12"	20'	0.5	0.78	R of E	131+0+or-	Corr.	12"	20'	0.5	0.78	L of E	177+60	Corr.	12"	20'	0.5	0.78	L of E	Total of Quantities				Excavation 2750	1-10" x 10"	1-12" x 10"		