FED. RD. DIST. Nº	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		

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SUMMARY OF QUANTITIES

I.G.H. Nº 466 SEC. D
LAKE COUNTY

Station	Type	Size	Length	Excav.	Concrete 1-2-3½	Concrete 1-3-5	Concrete 1-2½-4	Reinf. steel	Vitrified Pipe 6"	10"	12"	15"	20"	24"	Corrugated iron pipe 12"	15"	24"	24"×6" Ts.	12"×12" Ys.	12"×12" Ts	Vit. P. relaid	Corr. P relaid	old stone removed	Inlet Basin	Old Stone Relaid	U-Inlets	Remarks
			Lin.Ft.	cu.yds.	cu.yds.	cu.yds.	cu.yds.	lbs.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Nº	Nº	Nº	Lin.Ft.	Lin.Ft.	cu.yds.	Nº	cu.yds		
76+04	Corrugated	15"	40	6	2.3			70								40											Remove 20'-15" C.I.P.
81+46	Vit. pipe(enc.)	24"	40	7	3.5	4.5		105						22													Clean out old cast iron pipe
87+71	Corrugated	24"	48	17	3.5			105									48						4				Clean ditch 50' to R.
72+0	Vit. pipe(enc.)	12"	70	11	4.0	10.6		130			94								2								
78+58	" " "	12"	38	5	1.0	4.1		33			38													1			
84+61	" " "	12"	40	6	2.0	4.3		65			40																
92+36	" " "	24"	42	10	3.5	5.8		105	8					20				1			6	14					
100+50	" " "	12"	36	8	2.0	3.9		15			36													1		1	
100+86	" " "	12"	32	12	4.8	4.8		15			42													1		1	
102+50	Slab top	12'×7'	53	111	29.5	47.4	49.7	3833				56											30		30		Old stone to be laid along bank of stream as directed by the Engineer.
112+	Vit pipe	15	148	15	2.7			80				148															
122+88	Vit. pipe(enc.)	12"	40	8	2.0	4.3		65			40																
134+93	" " "	12"	60	10	4.0	9.1		130			80									2							
137+62	Vit. Pipe	10"	6	1	1.0			32		6																	
148+66	Vit. pipe(enc.)	15"	44	10	2.3	5.7		70				44															
156+50	" " "	10"	18	5		1.9				18														2			
159+0	" " "	10"	18	5		1.9				18														2			
162+25	Vit. Pipe	10"	4							4														1			
163+75	Vit. pipe(enc.)	10"	36	8	1.0	3.7		32		36														1			
168+0	" " "	10"	"	8	1.0	3.7		32		36														1			
173+25	" " "	10"	"	6	1.0	3.7		32		36														1			
178+25	" " "	10"	"	7	1.0	3.7		32		36														1			
183+0	" " "	10"	"	8	1.0	3.7		32		36														1			
186+75	" " "	10"	"	7	1.0	3.7		32		36														1			
190+75	" " "	10"	"	5	1.0	3.7		32		36														1			
192+36	Conc. box	5'×4'	60	16	43.0			2652						2													
Total of Quantities				317	116.3	139.9	49.7	7664	8	298	370	248		44		40	48	1	2	2	6	14	34	15	34	2	

↑ included in roadway proper quantities

SIDEROAD STRUCTURES

Station	Type	Size	Length	Excav. cu.yds.	1-2-3½ conc. cu.yds.	Remarks
60	Corrugated	12"	20'	0.50	0.78	R. of ℄
30	"	"	"	"	"	R. " "
60	"	"	"	"	"	L. " "
25	"	"	"	"	"	R. " "
50	"	"	"	"	"	L. " "
30	"	"	"	"	"	R. " "
25	"	"	"	"	"	R. " "
15	"	"	"	"	"	R. " "
75	"	"	"	"	"	R. " "
0	"	"	"	"	"	R. " "
50	"	"	"	"	"	R. " "
35	"	"	"	"	"	L. " "
40	"	"	"	"	"	R. " "
80	"	"	"	"	"	R. " "
90	"	"	"	"	"	L. " "
50	"	"	"	"	"	R. " "
15	"	"	"	"	"	L. " "
0	"	"	"	"	"	R. " "
10	"	"	"	"	"	L. " "
50	"	"	"	"	"	R. " "
50	"	"	"	"	"	L. " "
10	"	"	"	"	"	R. " "
90	"	"	"	"	"	L. " "
15	"	"	"	"	"	R. " "
40	"	"	"	"	"	R. " "
50	"	"	"	"	"	L. " "
95	"	"	"	"	"	R. " "
Total of Quantities						

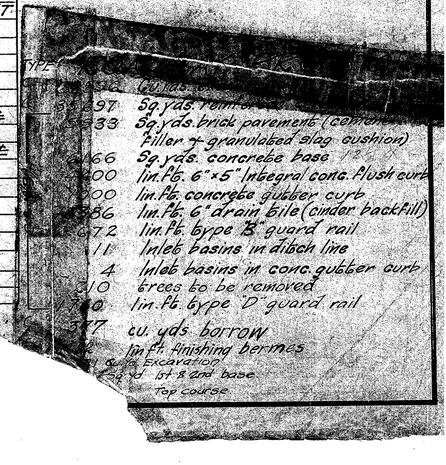
Station	Type	Size	Length	Excav. cu.yds.	1-2-3½ conc. cu.yds.	Remarks
101+45	Corrugated	12"	20'	0.50	0.78	R. of ℄
102+50	"	"	"	"	"	R. " "
103+50 to 110+00	Vit. pipe sewer	15"	650'	average cut 3'		R. " "
125+15	Corrugated	12"	20'	0.50	0.78	R. " "
126+70	"	"	"	"	"	R. " "
129+25	"	"	"	"	"	R. " "
130+or-	"	"	"	"	"	L. " "
132+15	"	"	"	"	"	R. " "
138+30	"	"	"	"	"	R. " "
143+0	"	"	"	"	"	R. " "
145+or-	"	"	"	"	"	L. " "
147+70	"	"	"	"	"	R. " "
156+50 to 162+25	Vit. pipe sewer	"	575'	average cut 3'		sewer to R of ℄
162+85 to 178+25	Vit. pipe sewer	20"	1540'	" " 2'		R of ℄ 1-20"×10" T.
168+50	Corrugated	12"	20'	0.50	0.78	L of ℄
						L " "
170+30	"	"	"	"	"	L " "
173+95	"	"	"	"	"	L " "
175+50	"	"	"	"	"	L " "
178+25 to 178+97	Vit. pipe sewer	24"	72'	average cut 1'		sewer to R of ℄
185+40	Corrugated	12"	20'	0.50	0.78	L of ℄
191+33 to 192+35	Vit. pipe sewer	24"	102'	average cut 1'		sewer to R of ℄
197+15	Corrugated	18"	20'	0.50	0.78	R of ℄
199+20	"	"	"	"	"	R " "
200+or-	"	"	"	"	"	L " "
				24.		

Hillside Brick
Extra Width
" " "
" " "

Extra Pavement
106+ 152 sq.yds.
109+ 392 " "
116+ 222 " "
Total 766 " "

Concrete Macadam Bases & Top
Intersection 64+ 215 sq.yds.
Extra width 84+ 106 " "
" 88+ 87 " "
Intersection 140+ 98 " "
" 204+ 67 " "
" 135+ 29 " "
TOTAL 573 " "

GUARD RAIL
107+22 Lo 119+30 on ℄ Type "D" 1208'
108+50 Lo 114+02 " L. " " 552
118+75 Lo 119+47 " L. " B 72
136+50 Lo 138+50 " L. " " 200
152+50 Lo 153+46 " L. " " 96
159+70 Lo 162+74 " L. " " 304
Total 2432

SIDEROAD STRUCTURES

575 lin.Ft. 12" Vitrified pipe
1540 lin.Ft. 20" Vitrified pipe
174 lin.Ft. 24" Vitrified pipe
960 lin.Ft. 12" corrugated iron pipe
24 cu.yds. excavation
3744 cu.yds. 1-2-3½ concrete
1 20"×10" T
650 lin.Ft. 15" Vit. pipe