

SUMMARY OF QUANTITIES

EXCAVATION & EMBANKMENT						
From Sta.	To Sta.	Exc. Cu.Yds	Emb. Cu.Yds	Emb + 15% Cu.Yds	Waste Cu.Yds	Borrow Cu.Yds
0+00	0+00	430	68	78	352	
0+00	10+18.2	4229	312	367	3932	
10+18.2	20+00	3684	3204	3684		
20+00	35+33.8	1362	1184	1362		
35+33.8	42+50	3232	2354	3232		
42+50	51+93.8	1081	940	1081		
51+93.8	71+81.4	2970	2593	2970		
71+81.4	82+70.8	1050	913	1050		
82+70.8	82+30	301	555	638		337
	Total	18459	12920	14512	4284	337

STRUCTURES		UNDER				20'	SPAN	
No	Station	Conc. Pipe		Corr. Iron Pipe		Exc. Cuxds	Conc. 1-5% Cuxds	Remarks
		Linear Feet		Linear Feet				
		12"	15"	12"	24"			
1	0+10	3				4		Extension
2	35+40		43			5		New
3	37+20	45				6		New
4	45+23			4		7		Extension
5	80+13				7	7	3	Extension
		45	43	4	7	29	3	

SUMMARY OF WEAR'S. SURFACE		
2630' Length	14' Width	3" Thickness
$2630 \times 14' \times 3" = 1248 \text{ Cu.Yds.}$		
27 or 1285 Tons.		

Length of Project
0+00 to 82+30 = 2630'
$\frac{2630}{5280} = 1.02 \text{ miles}$