

SUMMARY OF QUANTITIES

PROPOSAL NO. 1

NO.	STATION	TYPE	SIZE	LENGTH	EXCAV.		CONCRETE				REINF.	VIT. SEWER PIPE			RAILING	CAST	TIMBER	EXP. JT.	4" CONC.	1/8" PHOS.								
					CU. YDS.		1-5½	1-6½	1-6½	1-7		STEEL	12"	15"								24"	TYPE RR-1	IRON	PILING	FILLER	WEARING	BRONZE
					DRY	WET																						
STRUCTURES 20' AND UNDER																												
1	33+30	V.S.P. (Enc)	24"	40'	6		3.5			7.8	105			40								Remove Corr. I.P. Cul. Build Std 24"x40' V.S.P. (Enc) Cul.						
2	36+50	V.S.P. (Enc)	15"	42'	8		2.3			5.2	70		42									Build Std 15"x42' V.S.P. (Enc) Cul.						
3	41+50	V.S.P. (Enc)	15"	50'	9		2.3			6.2	70		50									Build Std 15"x50' V.S.P. (Enc) Cul.						
TOTALS					23		8.1			19.2	245		92	40														
STRUCTURES OVER 20 FEET PROPOSAL NO. 2																												
FOOTINGS WALLS																												
4	53+15	Conc Beam Br.	30' Rdy	50' Span	360	260	111.5	153.6	107.8		34,895			107	4	2464	262	125	174	79		Remove old Bridge. Build new Conc. Beam Bridge.						
TOTALS					360	260	111.5	153.6	107.8		34,895			107	4	2464	262	125	174	79								

PROPOSAL NO. 1

SUMMARY OF EXCAVATION AND EMBANKMENT					
FROM STATION	TO STATION	CUBIC YARDS			
		EXC.	EMB	EMB+22% BORROW	
25+00	32+50	451	400	488	37
32+50	55+66	2055	7196	877.9	6724
55+66	62+00	803	658	803	
TOTALS		3309	8254	10070	6761

PROPOSAL NO. 1

SUMMARY OF VIT UNDERDRAIN PIPE 10"					1-7 CONC. CU. YDS.
FROM STATION	TO STATION	SIDE	LIN. FT.		
44+75	46+00	LEFT	125		1.8
50+00	51+75	LEFT	175		1.8
50+00	51+55	RIGHT	155		1.8
TOTAL				455	5.4

PROPOSAL NO. 1

SUMMARY OF EXTRA PAVEMENT			
FROM STATION	TO STATION	FOR	SQ. YDS.
53+98.64	59+77.64	CURVE	88.0
TOTAL			88.0

PROPOSAL NO. 1

LINE DATA

Beginning of Project Sta. 25+00
End of Project Sta. 62+00
GROSS LENGTH 3700 LIN. FT.

DEDUCTION

Sta 53+15 Bridge 55.6 LIN. FT.
NET LENGTH 3644.4 LIN. FT.

Shoulders Slopes and Ditches 3644.4 Lin. Ft.
Constructing and maintaining temporary
bridge and approaches.— Lump Item.

Removing present structure — Lump Item.

Cofferdams and Pumping — Lump Item.

PROPOSAL NO. 1
PAVEMENT QUANTITIES

Length of pavement 3644.4 lin. ft, 3644.4x18 ÷ 9 = 7288.8 Sq. Yds.
Extra pavement for curve 88.0 Sq. Yds.
TOTAL 7376.8 Sq. Yds.