

# DRAINAGE DETAIL SHEET



## DRAINAGE STRUCTURES

STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE		D.I. REHAB CLASS		CLEANING CULVERT L m	PIPE		ALLOWABLE OPTIONS						PIPE ELBOW NO. DEG	E ea	CB ea	DEPTH DI m	CONC CL B m <sup>3</sup>	REINF STEEL kg	DI GRATE TYPE	TRENCH EXCAVATION		COMMON EXCAVATION		CHANNEL EXCAVATION		GEO FABR m <sup>2</sup>	GRAN BK FILL STRUCT m <sup>3</sup>	GRAN BORR m <sup>3</sup>	EROS MATT m <sup>2</sup>	STONE FILL		MARKER POSTS		REMARKS	
				INLET	OUTLET	I ea	II ea		D mm	L m	PCCSP mm	CAAP mm	RCP CL	CPEP mm	CPEP SL mm	PCCSP PI mm								EARTH m <sup>3</sup>	ROCK m <sup>3</sup>	EARTH m <sup>3</sup>	ROCK m <sup>3</sup>	EARTH m <sup>3</sup>	ROCK m <sup>3</sup>					m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>		m <sup>3</sup>
60+893.5	60+893.5	LT		RCDI	ES				300	7	1.7	1.6	III	300	300		1			1.80	2.3	118	D		16													CONSTRUCT A RCDI WITH A COVER AND A TYPE 'D' FRAME & GRATE. INSTALL A 300 mm PIPE WITH A STONE PAD AT OUTLET.	
61+006.2	61+006.2	∅ /LT		RCDI	ES	I		20.5																												PAYMENT FOR CLEANING CULVERT UNDER ITEM 60L995.			
61+064.0	61+064.0	LT		RCDI	ES				300	5	1.7	1.6	III	300	300		1			1.80	2.3	118	D		14												CONSTRUCT A RCDI WITH A COVER AND A TYPE 'D' FRAME & GRATE. INSTALL A 300 mm PIPE WITH A STONE PAD AT OUTLET.		
61+143.0	61+143.0	LT		RCDI	ES				300	7	1.7	1.6	III	300	300		1			1.80	2.3	118	D		14												CONSTRUCT A RCDI WITH A COVER AND A TYPE 'D' FRAME & GRATE. INSTALL A 300 mm PIPE WITH A STONE PAD AT OUTLET.		
S10+067.0	S10+074.0	∅		ES	ES				900	7			III				2																			CONSTRUCT A 900 mm CROSS-CULVERT WITH END SECTION AT INLET AND OUTLET.			
S10+106.0	S10+113.0	∅		ES	ES				900	7			III				2																			CONSTRUCT A 900 mm CROSS-CULVERT WITH END SECTION AT INLET AND OUTLET.			
SUBTOTAL						I		20.5/0.0	300					19	19	19	19	19		6.9	354	3(D)		112															
									900								4																						
SUBTOTAL	DWG. NO. DT-1								300					10	10	10	10	10		23.7	1262	KA)		441	14J	797													
									450				III	143	143	143	143	89					5(E)																
SUBTOTAL	DWG. NO. DT-2					2	2	55.5/0.0	300					38	38	8	38	8		30.5	1580	3(D)		442	2.3	9													
									450					180	180	180	180	180					10(E)																
SUBTOTAL	DWG. NO. DT-3					2		26.5/51.3	300					24	24	24	24	24		35.5	1775	4(D)		95		13	5												
									450					153	153	153	153	153					9(E)																
									750					51	51	51	51	51	51																				
									900																														
TOTALS						5	2	102.5/51.3	300					91	91	61	91	61		96.6	4971	KA)		1090	16.4	822	5												
									450					476	476	444	476	422					11(D)																
									750					51	51	51	51	51	51				24(E)																
									900																														

FILE NAME = S:\5116\vaot\contract4\dradet2.dgn  
DATE/TIME = 08 SEP 2000  
USER = JRS

PROJECT NAME : BENNINGTON - HOOSICK  
PROJECT NO. : D.P.I. 0146(1) C/4  
DESIGN FILE NAME: /5116/VAOT/DRADET2.DGN  
IPARM FILE NAME: N/A  
SURVEYED BY: N/A  
SQUAD LEADER: T.P.K.  
DWG. NO. DT-4  
PLOT DATE: 9/00  
SURVEY DATE:  
DRAWN BY: E.C.D.  
SHEET: 20 OF 385