

DRAINAGE DETAIL SHEET



DRAINAGE STRUCTURES

STATION km + m	STATION km + m	POS.	ASPH	INLET/OUTLET TYPE		DITCH IN OUT	PIPE ARCH			60.045 450 PCCSP	60.046 900 PCCSP	60.265 300 CPEP	60.605 450 CSPES	60.606 900 CSPES	60.502 300 CPEP	60.42 PCCM	60.2 200 ud	60.2 200 ucc	60.95 ud 10	CONC. CL. B	REIN. SHEEL	TRENCH EXCAVATION [mm] [inches]	L/C [mm] [inches]	L/C [mm] [inches]	CAN R/W [m] [ft]	CAN R/W [m] [ft]	STONE FILL	649.3 FORC	MANHOLE POSTS [m] [ft]	REMARKS						
				INLET	OUTLET		SPAN	RISE	L																											
EXISTING DRAINAGE																																				
1	+218.2	RT		DITCH	DITCH																									EXISTING 150 CMP TO BE REMOVED.						
2	+307.3	LT		WETLAND	WETLAND																									EXISTING 600 MASONRY BOX CULVERT TO BE REMOVED.						
3	+361.8	RT/LT		WETLAND	WETLAND																									EXISTING 450 CMP TO BE REMOVED.						
4	+466.5	RT/LT		WETLAND	WETLAND																									EXISTING 900 RCP CULVERT TO BE RETAINED.						
5	+135.4	RT		DITCH	DITCH																									EXISTING 300 CMP TO BE RETAINED.						
NEW DRAINAGE																																				
1	2+032.888	RT		MANHOLE	DITCH						10J0																		2	SEE SHEET 9 FOR PRECAST CONCRETE PRETREATMENT CHAMBER DETAIL.						
2	1+300.000	RT/LT		CHANNEL	DITCH						20.73								4.30	362.9	31.6			12.7	28.3	7.5	1	35.0	1	PROVIDE 50 MM CAMBER PRIOR TO BACKFILLING. CONSTRUCT REINFORCED CONCRETE STRAIGHT HEADWALL SEE STD. D-33.						
3	1+360.558	RT/LT		CHANNEL	DITCH						18.29								1.57	170.6	23.9			7.2	30.6	4.7	1	15.6	1	PROVIDE 50 MM CAMBER PRIOR TO BACKFILLING. CONSTRUCT REINFORCED CONCRETE STRAIGHT HEADWALL SEE STD. D-33						
4	2+034.76	RT		DITCH	MANHOLE							L24																								
NEW UNDERPASS																																				
TH 33	VT 125																																			
▲	2+025.0	LT-RT																																		
▲	1+241.0	LT																																		
TH 33	TH 33																																			
▲	2+030.0	RT																																		
TH 33	TH 33																																			
▲	2+030.0	LT																																		
▲	1+313.0	LT																																		
▲	1+350.0	LT																																		
▲	1+260.0	RT																																		
▲	1+340.0	RT																																		
▲	1+420.0	RT-LT																																		
TH 33	TH 33																																			
▲	2+100.0	RT																																		
TH 33	TH 33																																			
▲	2+100.0	LT																																		
1+221.3	1+221.3																																			
6.0 m ft	10.0 m ft																																			
TOTALS										18.29	20.73																									
Subbase bleeder																																				

PROJECT NAME: **CORNWALL** PROJECT NO.: **BRS 0172(6)**

DESIGN FILE NAME: **Project042Construction** PLOT DATE: **11-APR-2007**

DRAW FILE NAME: **Project042Construction** PLOT DATE: **11-APR-2007**

SURVEYED BY: **VITRANS & VT SURVEY** Prepared By: **J.F. Tribos**

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