

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	PIPE NO.	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW NO. DEG.	ES EA	CB EA	P R D C I C	DEPTH DI FT	CONC CLASS B CY	REINF STEEL LBS	DI GRATE TYPE	CHAN ELEV EA	CRM CY	TRENCH EXCAVATION		COMM EXC CY	UNC CHAN EXC CY	STRUCT EXCAV CY	GRAN BK FILL STRUCT CY	SUB. OF GRUSH. GRAV., F.G. TON	EROS MATT SY	STONE FILL		MARKER POSTS		GEO. UNDER STONE FILL SY	CONT. DENSITY (FLOW.) FILL CY	REMARKS			
				INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH											EARTH CY	ROCK CY							CY	CY	CY	CY				CY	CY	CY
RICHFORD 18+53	18+59	LT-RT	65134	HW	HW						18	40																														CONSTRUCT HEADWALL @ INLET & OUTLET; CONSTRUCT STONE FILL, TYPE I AT OUTLET				
24+03	24+10	RT-LT	65137	HW							18	50																													CONSTRUCT HEADWALL @ INLET; CONSTRUCT STONE FILL, TYPE I AT OUTLET					
39+71	39+72	RT-LT	65141								18	38																													CONSTRUCT STONE FILL, TYPE I AT OUTLET					
69+81.0	69+81.0	LT&RT	65152	HW							24	40																	124	119.3	4.3									2.8	CONSTRUCT HEADWALL @ INLET. REMOVE 27 FEET OF EXISTING PIPE ON INLET SIDE, THEN PLUG AND ABANDON REMAINING PIPE WITH CONTROLLED DENSITY (FLOWABLE) FILL; CONSTRUCT STONE FILL, TYPE I AT OUTLET					
14+85	14+85	RT-LT	65131								18	40																																		
SUBTOTALS											CPEP(SL) 18 CPEP(SL) 24	128 40																																		
ROUNDING											CPEP(SL) 18 CPEP(SL) 24	2 5																																		
PROJECT TOTALS											CPEP(SL) 18 CPEP(SL) 24	130 45																																		

DI installed on the Lt side of roadway

* ITEMS ARE CARRIED FORWARD TO THE QUANTITY SHEETS, DETAILED SUMMARY OF QUANTITIES. SEE SHEET 170
** ITEMS ARE CARRIED FORWARD TO THE ITEM DETAIL SUMMARY SHEETS, SEE SHEET 173

PROJECT NAME: RICHFORD
PROJECT NUMBER: STP 2916(I)
FILE NAME: z10c234de+all.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
DRAINAGE DETAIL SHEET 1
PLOT DATE: 4/2/2018
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 175 OF 222

