

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	ASKEW NO. DEG.	INLET/OUTLET TYPE		DITCH	PIPE ARCH			PIPE						PIPE ELBOW NO. DEG.	ES	CB	DEPTH DI OR DMH FT	CONC CLASS B CY	REIN 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	GRAN BORR CY	EROS MATT SY	STONE FILL		MARKER POSTS		PIPE NO.	REMARKS							
				INLET	OUTLET		IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH										RCP CL	CPEP SL							PCCSP PI TH	EARTH CY	ROCK CY	CY			CY	CY	CY	CY	CY	EA	EA
124+20	124+33	LT-RT	163.2	ES	DI	X				18	-46.0	43.0	X	X	X			1					21												1	NEW 18" OPTION PIPE									
124+33	124+72	RT	95.5	DI	ES		X			18	-38.0	40.0	X	X	X			1	1	10			41											2	NEW 18" OPTION PIPE WITH 4X4 RCDI										
126+12	126+42	RT	105.3	ES	ES	X	X			18	35.0		X	X	X			2					20											3	NEW 18" OPTION PIPE										
127+54	127+48	RT	150.2	DI	ES					18	-28.0	25+5=30	X					1	1	10			-											5	NEW 18" OPTION PIPE WITH 4X6 RCDI										
127+48		LT-RT	0.0	DI	DI					18	-37.0	37.0	X					1	1	10			-											5A	NEW 18" OPTION PIPE WITH 4X6 RCDI										
142+66	142+66	LT-LT	0	ES	DI					12	6.0							1					-											27	NEW 12" CPEP WITH END SECTION										
142+66		RT											X					1					-													NEW END SECTION ON EXISTING PIPE									
142+66	143+50	LT	0.0	DI	DI					18	-80.1	80.0	X	X	X	X			1	6			25												10	NEW 18" OPTION PIPE WITH 4X6 RCDI									
143+50	145+00	LT	0.0	DI	DI					18	-146.0	150.5											44													12	CONNECT NEW 18" RCP PIPE TO EXISTING DI								
145+00	146+03	LT	0.0	DI	DI					18	-80.4	98.5	X	X	X	X			1	8			67													13	NEW 18" OPTION PIPE WITH 4X4 RCDI								
146+03	147+15	LT	0.0	DI	DI					18	-110.5		X	X	X	X			1	8			64													15	NEW 18" OPTION PIPE WITH 4X4 RCDI								
147+15		LT-RT	90.0	DI	DI					18	-36.6	37.0	X	X	X	X			1	6			11													15A	NEW 18" OPTION PIPE WITH 4X6 RCDI								
147+15	147+70	LT	0.0	DI	DI					18	-52.7	57.0	X	X	X	X			1	6			22													17	NEW 18" OPTION PIPE WITH 4X4 RCDI								
147+54	147+70	LT	158.0	DI	DI					18	-38.5	43.0	X	X	X	X			1	3			40													17A	NEW 18" OPTION PIPE WITH 4X4 RCDI								
129+49	129+83	RT	46.0	DI	ES					18	-40.0	62.0	X	X	X	X			1	1	5		-													18	NEW 18" OPTION PIPE WITH 4X4 RCDI								
126+91	127+30	RT	115.2	MH	ES					18	-40.0	45.0	X					1	1				51													23	NEW 18" OPTION PIPE WITH MANHOLE COVER								
126+84	126+89	RT	26.1	SF	MH					18	-10.0	11.0	X										16													23A	CONNECT NEW 18" OPTION PIPE TO SAND FILTER								
141+50	142+05	LT	88.9	DI	DI					18	51.0		X	X	X	X			1	5			22													25	NEW 18" OPTION PIPE WITH 4X6 RCDI								
142+05	142+66	LT	88.1	DI	DI					18	-57.1	60.0	X	X	X	X			1	5			27													26	NEW 18" OPTION PIPE WITH 4X6 RCDI								
DRAINAGE DETAIL SHEET SUBTOTAL										12	6.0						X							9	1	12				471															
										18	50.0	X	X				X																												
										18	71.0						X				X																								
										18	564.0	X	X	X	X	X	X	X																											
										18.0	146.0						X																												

= TYPE OF CULVERT OPTION INSTALLED

PROJECT NAME: **East Montpelier**

PROJECT NAME: **EAST MONTPELIER**
PROJECT NUMBER: **BRF 037-(17)**

FILE NAME: 09B_DRN.dgn PLOT DATE: 2/17/2017
PROJECT LEADER: T. KNIGHT DRAWN BY: G. BURGMEIER
DESIGNED BY: G. BURGMEIER CHECKED BY: K. RICHARDSON
DRAINAGE DETAIL SHEET DRN-1 SHEET 13 OF 158

