STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	KEY	INLET/OUTLET TYPE		DITCH		UNDERDRAIN			PIPE		ALLOWABLE OPTIONS					PIPE ELBOW	PRE-CAST DROP INLET	PRE-CAST CATCH BASIN	PRECOST	DEPTH DI	CONC CLASS B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	SOLID ROCK EXCAV.	GRAN BORR	GEOTEX TILE FABRIC	STONE FILL			MARKER POSTS		KEY		REMARKS
				INLET	OUTLET	IN	OUT	D IN	L FT		D IN	L FT	RCP (A)	PCCSP (B)	CAAP (C)	CPEP (D)	CSP (E)		NO. DEG	EA	EA		FT	CY	LBS	TYPE	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA			
13+01	13+70	LT	1		PCDI																																			1		EXISTING 15" PVC - DO NOT DISTURB
13+70	14+21	LT	2																									23												2		CUT OFF EXISTING 15" PVC. REMOVE TO 14+22 LT
13+71	14+69	LT	3	PCCB	SF-II						24	104								1				E			90											1		3		NEW PCCB @ 13+71 LT w/ TYPE 'E' GRATE
13+72	14+56	RT	4	PCDI	PCDI						18	84								1				E			30													4		NEW PCDI @ 13+72 RT w/ TYPE 'E' GRATE
14+22	14+25	LT-RT	5																								8					3							5		REMOVE PIPE & EXISTING DI @ 14+25 RT
14+22	201+15	LT-RT	6																								55					3							6		REMOVE PIPE & EXISTING DI @ 14+22 LT
14+56	15+10	RT	7	PCDI	PCDI						18	52								1				E			6													7		NEW PCDI @ 14+56 RT w/ TYPE 'E' GRATE
15+10	15+10	RT-LT	8	PCDI	PCDI						18	26								1				E			0													8		NEW PCDI @ 15+10 RT w/ TYPE 'E' GRATE
15+10	15+10	LT-LT	9	PCDI	SF-II						18	20								1				E			0													9		NEW PCDI @ 15+10 LT w/ TYPE 'E' GRATE
202+00		RT	10		SF-1																						3							12	3	I			10		SPECIAL DITCH w/ STONE FILL, TYPE I
202+25	202+50	RT-LT	11	HDWL	SF-II						18	70												2	31		43												1	1	11		NEW CONCRETE HEADWALL @ 202+25 RT
202+55	202+73	LT	12																								32							81	32	II	1	1	12		SPECIAL DITCH w/ STONE FILL, TYPE II
200+32	200+92	LT	13	DITCH	SF-I																						7							40	7	1			13		SPECIAL DITCH w/ STONE FILL, TYPE I
17+66	50+55	LT	14																								40	3											14		REMOVE PIPE & EXISTING DI @ 50+55 LT
17+54	17+64	LT	15																								1					3							15		REMOVE PIPE & EXISTING DI @ 17+64 LT
17+54	17+64	RT	16																								1					3							16		REMOVE PIPE & EXISTING DI @ 17+64 RT
17+58	17+78	RT	17	PCCB	SF-III						24	20									1			D			8											1		17		NEW PRCB @ 17+78 RT
17+67		LT-RT	18	PCDI	PCDI						18	26								1				D			0													18		NEW PCDI @ 17+67 LT w/ TYPE 'D' GRATE
17+67	17+76	RT-RT	19	PCDI	PCCB						18	14								1				D			0													19		NEW PCDI @ 17+67 RT w/ TYPE 'D' GRATE
17+56	18+09	RT	20																								24					2							20		REMOVE PIPE & EXISTING DI @ 18+09 RT
18+09	18+64	RT	21																								22					2							21		REMOVE PIPE & EXISTING DI @ 18+64 RT
17+78	18+26	RT	22	PCDI	PCCB						18	46								1				E			3													22		NEW PCDI @ 18+26 RT w/ TYPE 'E' GRATE
50+28	18+26	LT-RT	23	PCDI	PCDI						18	36								1				E			2													23		NEW PCDI @ 50+28 LT w/ TYPE 'E' GRATE
18+26	19+00	RT	24	PCDI	PCDI						18	64								1				E			33													24		NEW PCDI @ 19+00 RT w/ TYPE 'E' GRATE
18+64	19+77	RT	25																								39					4							25		REMOVE PIPE & EXISTING DI @ 19+77 RT
19+00	19+75	RT	26	PCDI	PCDI						18	64								1				E			30													26		NEW PCDI @ 19+75 RT w/ TYPE 'E' GRATE
19+77	20+01	RT-LT	27																																					27		EXISTING 6" PVC - DO NOT DISTURB
50+28	51+06	LT	28	PCDI	PCDI						18	60								1				E			16													28		NEW PCDI @ 51+06 LT w/ TYPE 'E' GRATE
50+67		RT	29																								18					2							29		REMOVE EXISTING DI @ 50+67 RT
80+57		RT-LT	30	PCDI	SF-III						18	42								1				D			8											1		30		NEW PCDI @ 80+57 RT w/ TYPE 'D' GRATE
81+40	81+50	LT-RT	31	PCDI	SF-II						18	46								1				D			16										1	I	1		31		NEW PCDI @ 81+50 RT w/ TYPE 'D' GRATE
201+82		LT	32		SF-1																						4								4	I	1		32		SPECIAL DITCH w/ SF, TYPE I
14+45	14+56	RT	33		PCDI			6	20																		2												33		NEW 6" x 20' UNDERDRAIN
	TOTALS							6	20		18 24	650 124							13	2			2	31	5-D 10-E		541					25		93	15 32	TYPE I TYPE 2	6 9	3				

PROJECT NAME:	**RANDOLPH**
PROJECT NUMBER:	**BRF 0241(29)**

FILE NAME:	/str5/88j096/s88j096xcl.dgn	PLOT DATE:	8/14/2006
PROJECT LEADER:	W.B. SYMONDS	DRAWN BY:	G. SHANGRAW
DESIGNED BY:	G. SHANGRAW	CHECKED BY:	T. SUMNER
DRAINAGE DETAIL SHEET #1		SHEET 43	OF 135