STATE OF VERMONT
AGENCY OF TRANSPORTATION

CATCH BASINS INSTALLED
AS PRECAST DROP INLETS
CAMP PRECAST

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		~~PIPE ARCH~~			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRECODE	DEPTH DI	CONC CLASS B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS			DRAINAGE KEY	REMARKS
			NO. DEG.	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	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			
280+48.58		RT																					4.08 ~~4.75~~	0.714 ~~2.5~~	252 ~~225~~	D			2.027 ~~10~~					1.52 ~~9~~								5	NEW 4' x 4' RCDI
280+48.58	280+48.58	RT/LT	X	RCDI	RCDI						18	25.29 ~~22~~	X	X			X												2.99 ~~4~~													5	NEW 18" OPTION PIPE
280+48.58		LT																					5.08 ~~5.75~~	0.899 ~~2.9~~	244 ~~260~~	D			2.37 ~~8~~	1.59				1.78 ~~6~~								6	NEW 4' x 4' RCDI
280+48.8	280+58.97	LT	X	RCDI					18"	23.78	18	39.97 ~~18~~	X	X			X												19.22 ~~4~~													6	NEW 18" OPTION PIPE - OUTLEY INTO MILL BROOK
281+41.92 00.70		LT																					3.75 ~~4.5~~	0.652 ~~2.3~~	208 ~~200~~	D			0.79 ~~7~~	1.94				5								7	NEW 4' x 4' RCDI
281+~~41.92~~	281+42.25	LT	X	RCDI	RCDI				18"	50.5	18	~~4~~	X	X			X												3.65 ~~1~~					15.82								7	NEW 18" OPTION PIPE
281+42.5		LT																											7													7	TIE INTO EXISTING DRAINAGE DI
279+36	280+48.58	RT	X	RCDI	RCDI				18"		18	112.76 ~~110~~	X	X			X									D			32.70 ~~24~~	1.83													2	NEW 18" OPTION PIPE (TIE INTO EXISTING DI AT 279+80)
279+36	280+48	RT																											2.78 1.33													1	REMOVE EXISTING PIPE (REMOVE UNDER COMMON EXCAVATION)
280+48.58		RT																											~~7~~	2												4	REMOVE EXISTING DRAINAGE STRUCTURE
280+48	280+66	RT																											3	1.45												4	REMOVE EXISTING PIPE
280+44		LT																											0.65	2												3	REMOVE EXISTING DRAINAGE STRUCTURE (REMOVE UNDER COMMON EXCAVATION)
280+44	280+58	LT																																								3	REMOVE EXISTING PIPE (REMOVE UNDER COMMON EXCAVATION)
281+53.74	281+41.92	LT							18"	11.75																D			6.07					3.26								8	
				SUB-TOTALS					86.03			178.02 ~~154~~												7.7	685	5 ~~3~~EA				73.58 ~~75~~	6.81 ~~4~~				22.4 ~~20~~								
				ROUNDING								0												.3	5					5	6				0								
				TOTALS					86.03			~~154~~ FT 178												8CY	690 LBS	~~3~~ EA 5				~~80~~ CY 73.6	~~10~~ CY 6.81				~~20~~ 22.4 CY								

PROJECT NAME:	FAIRFAX
PROJECT NUMBER:	BHF 023-1(5)
FILE NAME: s86e064dds.dgn	PLOT DATE: 7/13/2009
PROJECT LEADER: C. CARLSON	DRAWN BY: C. MOONEY
DESIGNED BY: C. CARLSON	CHECKED BY: C. CARLSON
DRAINAGE DETAIL SHEET	SHEET 7 OF 61