ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	CPEP	PIPE ELBOW NO-DEG	ES EA	CB	PROJECTED	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	EARTH BORR CY	RIGID PLASTIC PIPE LF	REMARKS
233+50		CL		DI						18	92	.064	.060	III			X					4.0	2.1	193	1-B			34	7							2	I	1	1			OUTLET DITCH W/STONE FILL TYPE I
236+36		CL		DI						18	72	.064	.060			X						6.0	3.0	270	1-B			5										1	1			OUTLET DITCH
236+70		LT																										23														REMOVE EXISTING 15'' C.M.P.
237+45		LT																										30	6													REMOVE EXISTING CONCRETE CULVERT
238+30		LT																										12														REMOVE EXISTING 8'' C.M.P.
238+50		CL		ES						48	112	.109	.105						1									16					546			13	II	1	1			STONE FILL TYPE II @ INLET
238+92	239+56	LT								36	64			III	.079	X																										DRIVE CULVERT
239+25		LT																										15														REMOVE EXISTING 18'' C.M.P.
240+00		LT																										11														REMOVE EXISTING 15'' PIPE
241+10	241+62	LT		ES/ES						18	52			III	.064		X		2									17														DRIVE CULVERT
244+05		CL		DI						18	64	.064	.060			X						8.0	3.9	347	1-B			36										1	1			
244+56		CL																										26	5													REMOVE EXISTING 15'' R.C.P.
245+00	245+50	LT																																								SPECIAL DITCH, COMMON EXCAVATION
245+50		CL		DI						18	84	.064	.060			X						5.0	2.6	231	1-B			116										1	1			
246+00		LT		ES/DI						15	76			III	.064		X		1									17														DRIVE CULVERT
246+10		CL																										28	5													REMOVE EXISTING 15'' R.C.P.
246+88		CL		DI						18	72	.064	.060			X						7.5	3.7	316	1-B			78										1	1			REMOVE EXISTING 15'' R.C.P.
248+49		CL																										25	5													REMOVE EXISTING 15'' R.C.P.
249+70	251+50	LT																																								SPECIAL DITCH, COMMON EXCAVATION
250+80		LT																										17														REMOVE EXISTING 12'' C.M.P.
251+00		CL		DI						18	84	.064	.060	III		X						4.0	2.1	193	1-B			36								1	I	1	1			STONE FILL TYPE I @ OUTLET
252+00		RT																										23	10													REMOVE EXISTING 15'' R.C.P.
253+50		CL		DI						18	104	.079	.075	III		X						4.0	2.1	193	1-B			14	88							2	I	1	1	2		OUTLET DITCH, W/STONE FIIL TYPE I (DITCH CHECK AT INLET)
258+65		LT		ES/ES						15	56			III	.064	X			2																									DRIVE CULVERT
258+94	261+78	LT																										235								85	I					SPECIAL DITCH W/STONE FILL TYPE I
259+50	260+00	RT/LT		DI/HW						18	104	.064	.060	III			X					3.5	1.9	158	1-B			55										1	1	2		DITCH CHECK
260+00	260+90	RT																										47														CUT & DRAIN EXIST. CELLAR DRAIN INTO SPEC. DITCH
260+00	261+20	RT																										56														SPECIAL DITCH
262+25		RT																																								REMOVE EXISTING 5' X 5' CONCRETE CULVERT.
262+80		LT		DI						18	60			III	.064		X					3.5	1.9	158	1-B			31								4	I	2				DRIVE CULVERT W/STONE FILL TYPE I @ OUTLET
263+08		LT																										49														REMOVE EXISTING 15'' C.M.P.
264+36		CL		DI						18	112	.064	.060	III		X						7.0	3.5	308	1-B			79								2	I	1	1			STONE FILL TYPE I @ OUTLET
267+62		CL		DI						18	60	.064	.060			X						8.0	3.9	347	1-B			74	5							1	I	1	1			REMOVE EXISTING 15'' R.C.P. (W/STONE FILL TYPE I @ OUTLET)
DRAINAGE SHEET 3 TOTALS										15	56			III	.064	X			2				30.7	271	411-B			1205	131				546			97	I	13	11	4		
										15	76			III	.064		X		1																							
										18	196	.064	.060	III			X																			13	II					
										18	104	.079	.075	III		X																										
										18	352	.064	.060			X																										
										18	196	.064	.060	III		X																										
										18	112			III	.064		X		2																							
										36	64			III	.079	X																										
										48	112	.109	.105						1																								
TOTALS																																										

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
218+25	218+50	C	LT	6	31	4			1	1
218+75	223+46	U	LT	6	471	152			2	2
222+63	223+73	U	LT	6	110	25			1	1
228+50	231+00	U	LT	6	250	12	136		1	1
228+50		C	LT-RT	6	60	14			1	1
229+50	231+00	U	RT	6	150	27	42		1	1
229+50		C	RT	6	22	7			1	1
231+02	233+50	U	LT	6	248		124		1	1
231+02	232+50	U	RT	6	148		72		1	1
232+50		C	RT	6	20	3	1		1	1
233+55	236+36	U	LT	6	281	72	43		2	2
242+00	244+00	U	LT	6	200	70			1	2
242+00		C	LT-RT	6	72	1			1	1
244+05	245+45	U	LT	6	140	61			1	1
245+50	246+83	U	LT	6	133	90			1	1
246+88	250+95	U	LT	6	407	254			2	2
251+00	253+45	U	LT	6	245	30	84		1	1
253+50	255+50	U	LT	6	200		84		1	1
253+50	255+50	U	RT	6	200	8	130		1	1
253+50		C	RT	6	22	4	1		1	1
255+52	259+50	U	LT	6	398	49	209		2	1
255+52	259+50	U	RT	6	398	45	169		2	2
259+50		C	LT	6	19	3			1	1
263+00	264+36	U	LT	6	136	41			1	1
263+25	264+34	U	RT	6	109	37			1	1
264+34		C	RT	6	70	31			1	1
DRAINAGE SHEET 3 TOTALS		U			4224		1095		31	31
		C			316	140				

/78D096/DESIGN/DD096.DGN

PROJECT NAME SEARSBURG-WILMINGTON
PROJECT NUMBER NHF 010-1(18)