ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

DRAINAGE FLAG NO.	STATION	STATION	POS.	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	PCCSP PI TH	PIPE ELBOW NO-DEG	ES EA	CB	PROJECT	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	REMARKS
1	11+44.4		LT																				3.5	2.3	180	I-D			2	2	2										REMOVE EXISTING DI AND SECTION OF EXISTING PIPE AND INSTALL NEW 4' X 4' DROP INLET
2	13+46.6		LT																				5.5	3.2	242	I-D			3	3	2										REMOVE EXISTING DI AND SECTION OF EXISTING PIPE AND INSTALL NEW 4' X 4' DROP INLET
3	14+82.0		LT																				7.0	3.8	296	I-D			4	4	2										REMOVE EXISTING DI AND SECTION OF EXISTING PIPE AND INSTALL NEW 4' X 4' DROP INLET
4	16+39.4		LT																				5.5	3.2	242	I-D			3	3	2										REMOVE EXISTING DI AND SECTION OF EXISTING PIPE AND INSTALL NEW 4' X 4' DROP INLET
~~5~~	~~17+54.6~~	~~17+58.9~~	~~RT/RT~~		~~DI/--~~		~~X~~				~~48~~	~~36~~	~~.109~~	~~.105~~	~~111~~														~~41~~		~~10~~									~~REMOVE EXISTING 36" RCP AND INSTALL NEW 48" PIPE OPTION~~
~~6~~	~~17+59.4~~		~~RT~~																				~~9.5~~	~~5.7~~	~~449~~	~~2-D~~			~~5~~	~~5~~	~~2~~									~~REMOVE EXISTING DI AND INSTALL NEW 4' X 6' DROP INLET~~
7	17+60.0	17+94.3	RT/LT																																					RETAIN
~~8A~~	~~17+58.5~~	~~17+65.5~~	~~RT/LT~~		~~CB/DI~~						~~48~~	~~46~~	~~.109~~	~~.105~~	~~111~~														~~45~~		~~14~~									~~REMOVE EXISTING 36" RCP AND INSTALL NEW 48" PIPE OPTION~~
8B	17+65.5	17+68.3	LT/LT																																					REMOVE SECTION FOR INSTALLATION OF NEW CATCH BASIN
9	20+35.8		RT																																					RETAIN
10	20+36.0	20+58.6	RT/LT																										6		2										REMOVED WITH TRENCH EXC. FOR DR #12 (END WAS PLUGGED @ EXIST. DI #9)
11	20+35 ~~20+25.4~~		~~LT~~RT																				8.0	8.4	756				24		2										NEW 6' X 6' CATCH BASIN WITH CAST IRON COVER
12	20+26.3	20+58.8	RT/LT		DI/CB						30	40	.109	.105			X												34		7										NEW 30" PIPE OPTION
13	20+61.3		~~RT~~LT																				6.0	7.0	654	2-E			10	10	2										NEW 6' X 6' CATCH BASIN
14	20+63.9	21+53.2	LT/LT		DI/DI						24	90	.109	.105			X												60		16										NEW 24" PIPE OPTION
15	21+54.2		~~RT~~LT																				6.0	3.4	265	I-E			8		1										NEW 4' X 4' DROP INLET
16	1 ~~20~~+55.2	22+40.8	LT/LT		DI/DI						24	90	.109	.105			X												54		15										NEW 24" PIPE OPTION
17	22+41.8		~~RT~~LT																				6.0	3.4	265	I-E			8		1										NEW 4' X 4' DROP INLET
18	22+42.8	23+42.6	LT/LT		DI/DI						24	96	.109	.105			X												53		16										NEW 24" PIPE OPTION
19	23+43.6		~~RT~~LT																				5.0	2.9	234	I-E			7		1										NEW 4' X 4' DROP INLET
20	23+43.9	23+48.8	LT/RT		--/DI	X					24	32	.109	.105	111		X												68		4										NEW 24" PIPE OPTION
21	22+95.6	23+49.0	LT/LT																																					REMOVE 38' FROM INLET & PLUG INLET END
22	23+03.9		LT																										4	4	1										REMOVE EXISTING DROP INLET
TOTALS											24	276	.109	.105			X							43.3	3583	6-D			439	31	102										
											24	32	.109	.105	111		X									5-E															
											30	40	.109	.105			X																							
											48	82	.109	.105	111																									

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT
TOTALS				

UNDERDRAIN

DRAINAGE FLAG NO.	STATION	STATION	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB		MKR PST
		BEGIN NON-PARTICIPATION										
23A	20+36.4	20+52.5	U	RT	6	27	17		11	X		
23B	20+52.5	20+91.6	U	RT	6	65	40		27	X		
24	20+52.5	21+74.7	U	RT	6	133	82		55	X		
25	20+91.6	21+39.8	U	RT	6	48	29		20	X		
26	20+91.6	21+08.8	U	RT	6	45	28		19	X		
26A	20+75		U	RT	6	96						
27	20+52.5	20+81.3	U	RT	6	103	63		42	X		
		END NON-PARTICIPATION										
		BEGIN PARTICIPATION										
28	10+95.2	11+44.4	U	LT	6	53	6					
29	11+53.6	13+46.6	U	LT	6	197	22					
30	13+48.2	14+82.0	U	LT	6	138	16					
31	14+85.2	16+39.4	U	LT	6	160	18					
32	16+39.4	16+89.6	U	LT	6	51	6					
		END PARTICIPATION										
TOTALS NON-PARTICIPATION					6	421	259		174	6		
TOTALS PARTICIPATION					6	599	68					

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: STP 016-2 (10)S

FILE NAME: 00bl24/Structures/sbl24dds.1
PROJECT MANAGER: R. WHITCOMB
DESIGNED BY: G. ROY

PLOT DATE: 17-AUG-2004
DRAWN BY: G. ROY
CHECKED BY: R. WHITCOMB
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