

EARTHWORK AND DRAINAGE SUMMARY SHEET FOR HARTFORD-SHARON-ROYALTON IR 089-1(8)

MILE MARKER	MILE MARKER	POS.	SOLID ROCK EXCAV. CY	COMM. EXCAV. CY	TRENCH EARTH CY	EXCAV. ROCK CY	EARTH BR. / EXCAV. MATERIAL CY	TOPSOIL CY	CSP ELBOWS EA	CORRUGATED STEEL PIPE			REINFORCED CONCRETE PIPE			METAL END SECT. EA	ITEM NO. 616.47 TON	GEO. FOR STONE FILL SY	GRAN. FILL STRUCT. CY	CONC. CL. B CY	REIN. STEEL LBS	REHAB. DI EA	GRATE TYPE EA	ITEM # 619.17 EA	PRCCDI EA	STONE FILL		GEO. FOR UNDER-DRAIN SY	EROSION MATTING SY	CLEAN DITCH LF	REMARKS
										D	L	TH	D	L	CL											EA	EA				
NORTHBOUND:																															
0.04		MED					2														1		1						REHAB MEDIAN DI		
0.04	0.40	MED													178														PAVE BITUMINOUS CONCRETE GUTTER (MINUS U-TURN) & REGRADE U-TURN SLOPES		
0.05		OUT								18					3						1								REHAB CURB DI & REPAVE DITCH		
0.11		MED					2														1		1						REHAB MEDIAN DI TO MATCH REGRADED U-TURN SLOPE		
0.17		CL			125					96							207						2			II	125	60	INLET CLEAN DITCH TO CRADLE HEADWALL & DEBRIS RACK, OUTLET NEW STONE PAD & CLEAN DITCH		
0.18		OUT			24		10	1	1-45°	18	32	.064									2		2			I	1		REHAB MED DI, OUTLET REPLACE 45° ELBOW, 32' OF PIPE, NEW STONE PAD & REHAB CURB DI		
0.23		OUT								12											1					II	10		REHAB CURB DI		
0.26		OUT			13		4			18	16	.064											1			I	1		OUTLET REPLACE 16' OF PIPE, NEW ES & NEW STONE PAD		
0.27		OUT								12																			REHAB CURB DI		
0.28		OUT			15					12													1						REHAB CURB DI & FLATTEN SLOPE		
0.32		OUT			15					12	20	.064											1						REHAB CURB DI & REPLACE LAST 20' OF PIPE		
0.36	0.45	OUT			500		300	75	UDR	6	30										1		1				50	FLATTEN SLOPE TO 1-4, REHAB DI @ 0.41 & EXTEND 6' UDR TO MATCH SLOPE			
RAMP G	HARTFORD	INT.	# 10																												
2+50		RT				13								2	38											I	13		PAVE EXIST. BITUMINOUS CONCRETE GUTTER, STONE LINE OUTLET DITCH		
5+75		RT				13								2	38											I	13		PAVE EXIST. BITUMINOUS CONCRETE GUTTER, STONE LINE OUTLET DITCH		
0.82		OUT								12													1								
0.84	U-TURN	MED					25	5															1						REHAB CURB DI		
0.88		OUT								12													1						10	REHAB CURB DI, OUTLET CLEAN DITCH	
0.88		OUT			22		8			18	32	.064											1			I	1		REPLACE 32' OF PIPE & NEW STONE PAD		
0.90		OUT								54																		30	OUTLET CLEAN DITCH		
0.94		OUT			11		4			12	16	.064											1		1	I	1		NEW CURB DI, OUTLET REPLACE 16' OF PIPE		
0.94	1.00	OUT			50		25																			II	1035		REGRADE FAILED SLOPE		
0.96		OUT			18		7		1-20°	18	36	.064											1			I	1		OUTLET REPLACE 24' OF PIPE & NEW STONE PAD		
1.01		OUT								12													1						REHAB CURB DI		
1.05		OUT					4																				I	10	REPAIR WASH OUT @ CORNER OF BRIDGE		
1.10		OUT								12													1						REHAB CURB DI		
1.18	U-TURN	MED					25	5		18	24	.064																	REGRADE U-TURN SLOPES, EXTEND PIPE 12' EACH SIDE OF U-TURN		
1.19		OUT								60																		60	INLET & OUTLET CLEAN DITCH		
1.24		OUT			7		3						18	8	III														RELAY I SECTION & EXTEND 8'		
1.39		CL			9	3	3			24									2.7	12.5			1			I	1	80	INLET REPLACE FULL HW & CLEAN DITCH, OUTLET CLEAN DITCH & NEW STONE PAD		
1.46		CL			18	2	4			48	8	.109							1.7	10.4			2			II	7	MEDIAN CLEAN DITCH, OUTLET REMOVE HW, REPLACE 8' OF PIPE, NEW STONE PAD & HW			
1.47		MED			33		12						48										1						RELAY LAST 16' OF PIPE, BOLT LAST 3 SECTIONS		
1.56		CL			12	10	3			30	8	.079							3.5	16.7			2			II	3	60	MED REPLACE FULL HW & 8' OF PIPE, INLET & OUTLET CLEAN DITCHES, OUTLET STONE PAD		
1.63		CL								30														2				30	MED CLEAN DITCH, OUTLET REMOVE MES & CLEAN DITCH		
1.70		CL			30		9						36													II	35	60	MED CLEAN DITCH, OUTLET RELAY 24' OF PIPE, CLEAN & STONE LINE DITCH, NEW STONE PAD & REMOVE RCPES		
1.76		CL			30		9			24													2					60	INLET CLEAN DITCH, OUTLET RELAY 20' OF PIPE, CLEAN DITCH		
1.87		MED																											REHAB DI		

SEE REVISED DRAINAGE SHEETS 31A - 069A

SHEET	32	TOTALS:		565	393	15	459	86		12	36	.064	18	8	III	185	283	7.9	39.6	16		30			1	I	42		450	
										1-20°	18	.064																		
										1-45°																				
										30	8	.079																		
										48	8	.109																		
										UDR	6	30																		

DRAWN BY Squad A DATE 7/94
 SQUAD LEADER BOMBARDIER
 DESIGN FILE NO. /sqda/87a008/da008dr.dgn
 I/PARM FILE da008d0li DATE PLOTTED 12-MAR-1999
 PROJ. NAME HARTFORD-SHARON-ROYALTON
 PROJ. NO. IM IR 089-1(8)
 SHEET 32 OF 260 SHEETS