

DRAINAGE DETAIL SHEET



STATION km + m	STATION km + m	POS.	ASKEW no. deg.	INLET/OUTLET TYPE		DITCH		PIPE ARCH		PIPE		ALLOWABLE OPTIONS										TRENCH EXCAVATION EARTH m ³	TRENCH EXCAVATION ROCK m ³	COMM EXC m ³	UNC CHAN EXC m ³	STRUCT EXCAV m ³	GRAN BK FILL STRUCT m ³	GRAN BORR m ²	EROS MATT m ²	STONE FILL		MARKER POSTS		GEOTEXT UNDER STONE FILL SM	PAVED GUTTERS TON	DRAINAGE FLAGS	REMARKS				
				INLET	OUTLET	IN	OUT	SPAN mm	RISE mm	L m	D mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP mm	PCCSP PI mm	PIPE ELBOW no. deg.	ES ea	CB ea									DEPTH DI mm	CONC CLASS	REINF STEEL kg	DI GRATE type					CHAN ELEV ea	CRM m ²	STONE FILL m ³	STONE FILL type
VT 107																																									
9+937	9+937	RT-LT		DITCH	DITCH																										1	DO NOT DISTURB									
9+980	10+016	RT		FB	RCDI				150	36																					2	NEW UNDERDRAIN WITH FLUSHING BASIN									
10+016.2	10+014.6	RT-LT		RCDI	DITCH																											3	EXISTING PIPE & RCDI REMOVE								
10+016.2	10+014.6	RT-LT		RCDI	DITCH				450	16	X	X		X				X	1500			D				5	II			15.7	3	NEW RCDI & PIPE									
10+017	10+120	RT		FB	DITCH				150	106																						4	NEW UNDERDRAIN WITH FLUSHING BASIN								
10+120	10+160	LT		RCDI	RCDI				450	38.6	X	X		X				X	1500			E											5	NEW RCDI & PIPE (WITHIN NEW ROADWAY FILL)							
10+160	10+160	LT-RT		RCDI	DITCH				450	18	X	X		X				X	1500			E			1.58	II			10.8			6	NEW RCDI & PIPE (WITHIN NEW ROADWAY FILL)								
10+173	10+175	RT		RCDI	DITCH																												7	EXISTING PIPE & RCDI REMOVE							
10+229	10+227	RT		RCDI	DITCH																													8	EXISTING PIPE & RCDI REMOVE						
10+232.83	10+232.83	LT		RCDI	DITCH				450	3.7	X	X		X				X	1500			E			2.8	II			10.2				9	NEW RCDI & PIPE (WITHIN NEW ROADWAY FILL)							
10+302	10+316	RT-LT		RCDI	DITCH																														10	EXISTING PIPE & RCDI REMOVE					
10+302	10+316	RT-LT		RCDI	DITCH				450	24	X	X		X				X	1500			A			21					10.6					10	NEW RCDI & PIPE					
10+310	10+346	RT		FB	RCDI				150	36																										11	NEW UNDERDRAIN WITH FLUSHING BASIN				
10+345	10+344	RT-LT		RCDI	DITCH																																12	EXISTING PIPE & RCDI REMOVE			
10+345.85	10+344.44	RT-LT		RCDI	DITCH				450	14.5	X	X		X				X	1950			D			19.1					10.6						13	NEW RCDI & PIPE				
10+346	10+372	RT		FB	RCDI				150	26																											14	NEW UNDERDRAIN WITH FLUSHING BASIN			
10+354	10+374	RT		DITCH	RCDI																																15	NEW BITUMINOUS CONCRETE GUTTER			
10+372.30	10+390.68	RT		RCDI	RCDI				450	18	X	X		X				X	1500			D			22												16	NEW RCDI & PIPE			
10+390.74	10+389.75	RT-LT		RCDI	DITCH																																17	EXISTING PIPE & RCDI REMOVE			
10+390.74	10+389.67	RT-LT		RCDI	DITCH				450	15	X	X		X				X	1500			A			31.2					10.6							17	NEW RCDI & PIPE			
STONY BROOK RD.																																									
20+19.8	20+21.5	RT-LT		DITCH	DITCH				900	22	X	X		X												8.6	726			27.2			14.3	II		37.9		18	NEW PIPE & HEADWALLS		
20+024	20+036	RT-LT		DITCH	DITCH																																		19	EXISTING PIPE REMOVE	
20+055	20+077	RT																																						20	SPECIAL DITCH WITH TYPE I STONE FILL
20+057	20+066	RT		DITCH	DITCH																																			21	EXISTING PIPE REMOVE
20+071.96	20+065.92	RT-LT		RCDI	DITCH				450	21.5	X	X		X				X	1350			A			30.7															22	NEW RCDI & PIPE
																		TOTALS		9		8.6		726		319.9		94.6		TYPE I TOTALS		12.3		5		189.0		9		TOTALS	
																		ROUNDING		0		.4		4		0.1		0.4		TYPE I ROUNDING		0.7		0		1.0		0		ROUNDING	
																		ROUNDED TOTALS		9		9.0		730		320.0		95.0		TYPE I ROUNDED TOTALS		13.0		5		190.0		9		ROUNDED TOTALS	
																		TOTALS												TYPE II TOTALS		35.7									
																		ROUNDING												TYPE II ROUNDING		0.3									
																		ROUNDED TOTALS												TYPE II ROUNDED TOTALS		36.0									

PROJECT NAME:	STOCKBRIDGE		
PROJECT NUMBER:	BRF 022-1(20)		
FILE NAME:	85e039excel.dgn	PLOT DATE:	4/8/2010
PROJECT LEADER:	C.P. WILLIAMS	DRAWN BY:	H.I. SALLS
DESIGNED BY:	H.I. SALLS	CHECKED BY:	R.S. YOUNG
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