STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

Metric

STATION km + m	STATION km + m	POS.	ASKEW no. deg.	INLET/OUTLET TYPE INLET	INLET/OUTLET TYPE OUTLET	DITCH IN	DITCH OUT	PIPE ARCH SPAN mm	PIPE ARCH RISE mm	PIPE ARCH L m	PIPE D mm	PIPE L m	ALLOWABLE OPTIONS PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP mm	PCCSP PI mm	PIPE ELBOW no. deg.	ES ea	CB ea	PACCDT	DEPTH DI mm	CONC CLASS B m³	REINF STEEL kg	DI GRATE type	CHAN ELEV ea	CRM m³	TRENCH EXCAVATION EARTH m³	TRENCH EXCAVATION ROCK m³	COMM EXC m³	UNC CHAN EXC m³	STRUCT EXCAV m³	GRAN BKFILL STRUCT m³	GRAN BORR m³	EROS MATT m²	STONE FILL m³	STONE FILL type	MARKER POSTS LT ea	MARKER POSTS RT ea			REMARKS
(HIGHGATE)																																											
1+013		CL	81°29'41"RT	DI							450	22	1.63	1.52			X						1050	1.39	70	A			31					9			1	II	1	1			1.2m x 1.2m DI
1+071.878	1+086.700	RT									450	15				1.63													16					7									
1+147.539	1+171.190	RT									450	26				1.63													21					12									
1+193.930	1+260	RT									450	68				1.63													68					29									
1+339.073	1+349.314	LT									450	11				1.63													6					5									
1+407.263	1+420.325	RT									450	14				1.63													9					6									
1+423.900	1+433.655	RT									450	10				1.63													8					5									
1+477.353	1+489.799	LT									450	13				1.63													6					6									
1+493.928	1+504.252	RT									450	11				1.63													11					5									
1+558.358	1+569.659	LT									450	12				1.63													7					5									
1+610		CL																											35														REMOVE EXISTING 460mm CGMP
1+615		CL	43°00'50"LT	CH	CH						900	24	2.01	1.91			X											2.00	66					13			6	II					
1+763		CL	83°12'33"LT	DI							450	20	1.63	1.52			X						1650	2.03	107	A			65					9			1	II	1	1			1.2m x 1.2m DI
1+765.000		CL																											16														REMOVE EXISTING 380 CGMP
1+828.382	1+841.298	RT									450	13				1.63													13					6									
1+853		CL	82°49'21"LT	MES							450	19	1.63	1.52			X			1									33					9			1	II	1	1			REMOVE EXISTING 250 CGMP
1+914.757	1+925.148	LT									450	11				1.63													12					5									
2+217.250		CL																																									SEE BRIDGE DETAILS
2+483		CL																																									SEE BRIDGE DETAILS
2+496.278	2+512.020	RT									450	16				1.63													10					6									
2+636		CL	-	CH	CH						750	19	2.01	1.91			X											1.80	50					10			5	II					REMOVE EXISTING 460 CMP
2+847		CL	82°04'47"LT	CH	CH						750	18	2.01	1.91			X											1.80	49					12			5	II					REMOVE EXISTING 380 CMP
3+031.285	3+048.064	RT									450	17				1.63													24					8									
3+033.447	3+045.965	RT																											11														
3+062.143	3+074.791	LT									450	13				1.63													19					6									REMOVE EXIST. 380mm CGMP AND 205mm PLASTIC
3+148.500		CL																																									SEE BRIDGE DETAILS
3+340		CL	-	CH							600	21	1.63	1.52			X											0.70	28					10			3	II	1	1			REMOVE EXISTING DRIVE PIPE
3+348		CL																											11														REMOVE EXISTING 300mm x 900mm CGMP
3+486		CL	75°37'27"LT	CH	CH						900	22	2.01	1.91			X											2.00	68					12			6	II					
3+488		CL																											44														REMOVE EXISTING 600mm ACCGMP
3+627.500		CL																																									SEE BRIDGE DETAILS
3+765.755	3+776.568	LT									450	11				1.63													9					5									REMOVE EXIST. 205mm PLASTIC FIELD CULVERT
3+770.340	3+773.440	LT																											1														REMOVE EXIST. 205mm PLASTIC FIELD CULVERT
3+838.491	3+850.923	RT									450	13				1.63													8					6									
3+854		CL																											10														REMOVE EXISTING 380mm CMP
4+083.769	4+093.699	RT									450	10				1.63													10					7.1									
4+118.968	4+129.474	RT									450	11				1.63													5					5									
4+340	4+380.520	RT		DI							450	41	1.63	1.52			X						1650	2.03	107	A			72					18			4	II					1.2m x 1.2m DI
4+384.758	4+395.745	LT									450	11				1.63													12					5									
FRANKLIN	TOWN LINE																																										
TOTALS											450	102	1.63	1.52			X			1				5.45	284	3-A		8.30	864					234			32	II	4	4			
											450	306				1.63																											
											600	21	1.63	1.52			X																										
											750	37	2.01	1.91			X																										
											900	46	2.01	1.91			X																										

PROJECT NAME:	HIGHGATE - FRANKLIN
PROJECT NUMBER:	STP RS 0301(1) SA
FILE NAME:	...85c060/design/dc060frm.dgn
PLOT DATE:	04/07/2005
PROJECT LEADER:	DELLASANTA
DRAWN BY:	SQUAD B
DESIGNED BY:	SQUAD B
CHECKED BY:	SQUAD B
DRAINAGE DETAIL SHEET #1	
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