STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

Metric

STATION km + m	STATION km + m	POS.	PIPE NO.	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: OPTION NO.	ALLOWABLE OPTIONS: PCCSP mm	ALLOWABLE OPTIONS: CAAP mm	ALLOWABLE OPTIONS: RCP CL	ALLOWABLE OPTIONS: CSP mm	ALLOWABLE OPTIONS: CPEP SL mm	PIPE ELBOW no. deg.	ES ea	CB ea	DI ea	DMH ea	PRCCDI	FLOWABLE FILL m^3	CONC. CLASS S m^3	REINF STEEL kg	CHAN ELEV ea	STRUCT. GRATE type	TRENCH EXCAVATION: EARTH m^2	TRENCH EXCAVATION: ROCK m^2	COMM EXC m^3	UNC CHAN m^3	CLEAN CULVER 0-600 m	CLEAN CULVER > 600 m	600 COUPLING BANDS ea	PERM EROS MATT m^2	STONE FILL: VOL m^3	STONE FILL type	MARKER POSTS: LT ea	MARKER POSTS: RT ea	GEOTEXTILE UNDER STONE FILL m^2	REMARKS
NB 9+994.1		RT-LT	707																					16					0	0												PLUG, FILL AND ABANDON EXISTING PIPE
NB 10+010.3		LT	708																										28	4												REMOVE EXISTING PIPE AND INLET
NB 10+010.3		LT	709																										59	4												REMOVE EXISTING PIPE AND INLET
NB 10+071.5		LT	710																										28	4												REMOVE EXISTING PIPE AND INLET
NB 10+071.5		LT	711																										64	4												REMOVE EXISTING PIPE AND INLET
NB 10+132.7		LT	712																										28	4												REMOVE EXISTING PIPE AND INLET
NB 10+132.7		LT	713																										72	4												REMOVE EXISTING PIPE AND INLET
WB 10+194.4		LT	714																										29	4												REMOVE EXISTING PIPE AND INLET
WB 10+194.4		LT	715																										92	4												REMOVE EXISTING PIPE AND INLET
WB 10+197.5	WB 10+238.5	LT-RT	716																															102								CLEAN EXISTING CULVERT
Q 1+088.5	P 1+083.2	LT-RT	717																										57	4												REMOVE EXISTING PIPE AND INLET
NB 10+578.5	P 1+083.2	RT-LT	718																										84	4												REMOVE EXISTING PIPE AND INLET
NB 10+578.5	NB 10+638.0	RT	719																										148	4												REMOVE EXISTING PIPE AND INLET
NB 10+638.0		RT-LT	720																										87	4												REMOVE EXISTING PIPE AND INLET
WB 10+641.5	WB 10+788.7	RT	721																										446	4												REMOVE EXISTING PIPE AND INLET
WB 10+788.7		RT	722																										23	4												REMOVE EXISTING PIPE AND INLET
WB 10+780.0	WB 10+789.7	LT	723																										28													REMOVE EXISTING PIPE
WB 10+775.9	WB 10+789.7	LT	724																										6	4												REMOVE EXISTING PIPE AND INLET
WB 10+789.7	WB 10+788.7	LT-RT	725																										56	4												REMOVE EXISTING PIPE AND INLET
WB 10+796.5	WB 10+887.2	RT	726																															91								CLEAN EXISTING CULVERT
G 1+998.4		RT	727																										39	4												REMOVE EXISTING PIPE AND INLET
G 2+041.4		RT	728																										51	4												REMOVE EXISTING PIPE AND INLET
NB 10+730.9		RT-LT	729																															35								CLEAN EXISTING CULVERT
WB 10+942.3	WB 11+003.7	RT	732																															62								CLEAN EXISTING CULVERT
G 1+900.9		LT-RT	735																					6						4												REMOVE EXISTING INLET; PLUG, FILL AND ABANDON EXISTING PIPE
G 1+822.2		LT-RT	736																					5						4												REMOVE EXISTING INLET; PLUG, FILL AND ABANDON EXISTING PIPE
G 1+677.6	R 1+012.9	LT	737																										96	4												REMOVE EXISTING PIPE AND INLET

SEE DRAINAGE DETAIL SHEET 5 FOR ALL TOTALS

PIPE ALLOWABLE OPTIONS
*1: RCP, CPEP(SL)
*2: PCCSP, CPEP (SL)
*3: PCCSP, RCP, CPEP (SL)

NOTES:
1. CPEP(SL) NOT ALLOWABLE OPTION FOR PIPES OVER 900 MM DIAMETER
2. GRATES/COVER FOR CB/MH/DI/PRCCDI ARE PAID UNDER THOSE STRUCTURES
3. EROS MATT COLUMN REFERS TO ITEM 653.20 TEMPORARY EROSION MATTING

RCP = REINFORCED CONCRETE PIPE
CPEP(SL) = CORRUGATED POLYETHYLENE PIPE- SMOOTH LINED
PCCSP = POLYMERIC COATED CORRUGATED STEEL PIPE

Stantec

PROJECT NAME: BENNINGTON
PROJECT NUMBER: NH 019-1(54)

FILE NAME: ...\zd307c4det_drainagedet.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
DRAINAGE DETAIL SHEET DDS-04

PLOT DATE: 1/26/2010
DRAWN BY: STANTEC
CHECKED BY: GARY SANTY
SHEET 21 OF 468

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