STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SHEET

Metric

CURB

BEGIN STATION km + m	END STATION km + m	POSITION LEFT M	POSITION RIGHT M
BITUMINOUS CONCRETE CURB			
NORTHBOUND			
NB 8+694.5	NB 8+780.0	2.3 T	
NB 8+780.0	NB 8+823.0	1.2 T	
	SUBTOTAL	3.5 T	
CAST-IN-PLACE CONCRETE CURB			
EAST ROAD BRIDGE APPROACHES			
ER 1+135.9	ER 1+147.7	11.8	11.8
ER 1+208.2	ER 1+221.0	11.8	11.8
	SUBTOTAL	47.2	

GUARDRAIL

BEGIN STATION km + m	END STATION km + m	POSITION LEFT m	POSITION RIGHT m	END TREATMENT BEGIN ea	END TREATMENT END ea
STEEL BEAM GUARDRAIL					
NB 8+694.5	8+823.7	137.2			
NB 8+694.5	8+770.5		76.0		1
ER 1+127.5	ER 1+131.3		3.8	1	
ER 1+127.5	ER 1+136.5	9.0			
ER 1+230.6	ER 1+247.6	17.0			
ER 1+238.8	ER 1+247.6		8.8		
	SUBTOTAL	163.2	88.6	1	1
THREE BEAM GUARDRAIL					
NB 9+255	NB 9+311	147.8			
	SUBTOTAL	147.8			

UNDERDRAIN CARRIER PIPE

STRUCTURE	OFFSET	DIA. mm	LENGTH IN m	LENGTH OUT m	LENGTH TOTAL m
RAMP G					
CB214	3.30	150	3.78	3.78	7.56
CB215	3.30	150	3.78	3.78	7.56
CB216	3.30	150	3.78	3.78	7.56
CB217	3.30	150	3.78	3.78	7.56
CB218	3.30	150	3.78	3.78	7.56
MAINLINE					
DI310	4.30	150	5.20	5.20	10.39
DI313	4.30	150	5.2	5.2	10.39
DI314	3.60	150	4.21	4.3	8.51
DI315	3.00	150	3.36		3.36
CB316	3.40	150	3.92	3.92	7.85
CB317	3.40	150	3.92	3.92	7.85
DI318	3.40	150	3.92	3.92	7.85
DI319	3.40	150	3.92	3.92	7.85
DI320	3.40	150	3.92	3.92	7.85
DI321	3.30	150	3.78	3.78	7.56
DI322	3.40	150	3.92	3.92	7.85
DI323	4.90	150	6.04	6.04	12.09
DI324	3.40	150	3.92	3.92	7.85
CB330	3.30	150	3.78	3.78	7.56
DI332	3.40	150	3.92	3.92	7.85
DI333	8.60	150	11.28	11.28	22.55
CB334	3.30	150	3.78	3.78	7.56
DI335	3.40	150	3.92	3.92	7.85
DI336	9.00	150	11.84	11.84	23.69
CB337	3.40	150	3.92	3.92	7.85
DI340	8.60	150	11.28		11.28
CB341	5.90	150	7.46	7.46	14.92
CB345	7.40	150	9.58	9.58	19.16
CARRIER PIPE FOR FLUSHING BASINS					
7 FLUSHING BASINS AT 1.2 m PER FLUSHING BASIN =					8.4
		ITEM 605.20 SUBTOTAL =			283.7

UNDERDRAIN

BEGIN STATION km + m	END STATION km + m	TYPE	POSITION	DIA. mm	LENGTH m	TRENCH EARTH m^3	TRENCH ROCK m^3	FB ea	FB(MOD) C/O ea	MKR PST ea
NORTHBOUND										
NB 8+720.0	8+775.0	U 309	LT	150	50.3 ~~58.5~~	71.3		1		1
NB 8+720.0	8+775.0	U 310A	RT	150	50.6 ~~58.5~~	71.3		1		1
NB 8+775.0	8+875.0	U 313	LT	150	93.7 ~~103.5~~	126.2			1	
NB 8+775.0	8+875.0	U 310	RT	150	93.4 ~~103.5~~	126.2			1	
NB 8+~~875.0~~ 888.9	8+955.0	U 315	LT	150	71.5 ~~83.0~~	101.2		1	~~1~~	1
NB 8+875.0	8+955.0	U 314	RT	150	73.7 ~~83.0~~	101.2			1	
NB 8+955.0	9+045.0	U 317	LT	150	83.8 ~~93.0~~	113.4			1	
NB 8+955.0	9+045.0	U 316	RT	150	83.3 ~~93.0~~	113.4			1	
NB 9+045.0	9+130.0	U 319	LT	150	78.7 ~~88.5~~	107.9			1	
NB 9+045.0	9+130.0	U 318	RT	150	78.9 ~~88.0~~	107.3			1	
NB 9+130.0	9+225.0	U 320	RT	150	89.0 ~~98.0~~	119.5			1	
NB 9+136.0	9+225.0	U 321	LT	150	84.3 ~~93.0~~	113.4		1		1
NB 9+~~225.0~~ 295.0	9+380.0	U 322-2	RT	150	82.7 ~~157.5~~	192.0			1	
NB 9+295.0	9+225.0	U3224	RT		58.7				1	
NB 9+225.0	9+~~380.0~~ 295	U 323D	LT	150	62.2~~161.0~~	196.3			1	
NB 9+295.0	9+380.0	U3236	LT		73.1				1	
NB 9+380.0	9+475.0	U 332	RT	150	89 ~~98.5~~	120.1			1	
NB 9+380.0	9+475.0	U 333	LT	150	79.4 ~~102.5~~	125.0			1	
NB 9+475.0	9+560.0	U 336	LT	150	69.3 94.0	114.6			1	
Crossover XO 0+884.0	0+974.3	U 337	RT	150	78.3 ~~95.0~~	115.8			1	
XO 0+974.3	1+060.2	U 336A	RT	150	79.7 ~~90.0~~	109.7			1	
XO 1+060.2	1+155.8	U 333A	RT	150	90.4 ~~99.0~~	120.7			1	
XO 1+155.8	1+240.0	U 323B	RT	150	80.1 ~~88.0~~	107.3			1	
XO 1+240.0	1+310.5	U 323A	RT	150	65.4 ~~74.0~~	90.2			1	
XO 1+310.5	NB 9+130.0, LT	U 324	RT	150	89.9 ~~97.0~~	118.2			1	
RAMP G										
G 1+464.0	1+506.0	U217A	RT	150	39.6 ~~45.0~~	54.9		1		1
G 1+464.0	1+506.0	U218	LT	150	41.8 ~~48.0~~	58.5		1		1
G 1+506.0	1+558.0	U217	RT	150	46.4 ~~53.0~~	64.6			1	
G 1+506.0	1+610.0	U214A	LT	150	106.4 ~~115.0~~	140.2			1	
G 1+558.0	1+610.0	U216	RT	150	47.0 ~~55.0~~	67.1			1	
G 1+610.0	1+678.5	U215	RT	150	38.9 ~~70.0~~	85.3		1		1
		U215	NEW RT		44.2			1		1
G 1+610.0	1+652.5	U214	LT	150	~~47.0~~	57.3		1		1
		ITEM 605.10 SUBTOTAL			~~2633~~	~~3210.1~~		~~7~~	~~23~~	~~7~~
XO FACE OF LEDGE NB 9+410 LT	XO 1+105 RT	U	-	150	22.0	42.0		1		1
NB FACE OF LEDGE		U	-	150	37.0	53.0		1		1
					2352.7			II	24	II

PROJECT NAME: **BENNINGTON**
PROJECT NUMBER: **AC NH 019-1(53)**

FILE NAME: **zd307c3id.xls**
PROJECT LEADER: **GREG EDWARDS**
DESIGNED BY: **MARC FOISY**
ITEM DETAIL SHEET #1

PLOT DATE: **5/11/2007**
DRAWN BY: **STANTEC**
CHECKED BY: **GARY SANTY**
SHEET **19** OF **577**