

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SHEET

CURB

BEGN STATION km + m	END STATION km + m	POSITION		REMARKS
		LEFT M	RIGHT M	
616.305 - BITUMINOUS CONCRETE CURB, TYPE A				
NB 7+120.9 7+118	NB 7+612.8 610		492.5	
NB 7+399.0	NB 7+ 600.0 590	201		
NB 8+201.0	NB 8+307.4	106.4		
NB 8+380.7	NB 8+529.5	148.8		
POSITION TOTAL		456.2	492.5	
SUBTOTAL		948.7		
ROUNDING		1.3		
TOTAL		950		

FENCE

BEGIN STATION km + m	END STATION km + m	POSITION	QUANTITY	UNITS
620.12 - CHAIN-LINK FENCE, 1.8 M				
VR 1+014.864	VR 1+095.690	RT	76.6	M
VB 1+039.598	VB 1+127.560	LT	88.2	M
VB 1+096.478	VR 1+015.124	RT	25.4	M
VB 1+120.447	VB 1+101.876	RT	18.9	M
VB 1+127.560	VB 1+120.509	RT	33.2	M
VR 1+146.442	VR 1+146.442	LT	2.5	M
VR 1+146.442	VR 1+146.442	RT	2.5	M
NB 7+096.467	NB 7+158.023	RT	85.0	M
NB 7+100.138	NB 7+161.972	RT	47.1	M
NB 7+125.785	NB 7+158.139	LT	58.2	M
NB 7+129.495	NB 7+161.868	LT	64.2	M
NB 7+599.345	NB 7+640.823	RT	41.6	M
QR 1+049.577	QR 1+786.551	LT	726.3	M
QR 1+049.000	QR 1+049.000	LT	2.0	M
QR 1+049.000	QR 1+049.000	RT	10.5	M
QR 1+420.000	QR 1+420.000	LT	4.4	M
QR 1+420.000	QR 1+420.000	RT	5.9	M
QR 1+783.551	QR 1+784.602	LT	3.9	M
QR 1+786.567	QR 1+787.498	RT	3.6	M
SUBTOTAL			1300	
ROUNDING			10	M
TOTAL			1310	M
620.16 - GATE FOR CHAIN-LINK FENCE, 1.8 M				
VR 1+014.864	VR 1+015.124	RT-LT	6.0	M
VR 1+146.442		LT-RT	5.0	M
QR 1+049.000		LT-RT	6.0	M
QR 1+420.000		LT-RT	6.0	M
QR 1+784.740	QR 1+786.405	LT-RT	7.2	M
SUBTOTAL			30	M
ROUNDING			-	M
TOTAL			30	M
620.25 - WOVEN WIRE FENCE WITH STEEL POSTS				
NB 6+401.855 6+434	NB 7+125.000	RT	725.7	M
NB 6+404.245	NB 6+640.306	LT	226.7	M
VR 1+091.043	NB 7+096.000	RT	384.4	M
NB 7+100.384	NB 7+599.345	RT	540.0	M
NB 7+130.000	NB 7+324.990	LT	210.6	M
NB 7+332.083	NB 8+305.480	LT	935.2	M
DR 1+012.033	DR 1+012.033	LT	6.5	M
DR 1+012.033	DR 1+012.033	RT	6.5	M
SUBTOTAL			3036	M
ROUNDING			24	M
TOTAL			3060	M
620.30 - DRIVE GATE FOR WOVEN WIRE FENCE				
DR 1+012.033		LT-RT	1	EACH
620.55 - REMOVAL OF EXISTING FENCE				
CV 5+148.457	VR 1+074.788	LT	137.9	M
CV 5+148.457	VR 1+074.788	RT	132.7	M
NB 7+940.000	NB 7+970.048	RT-LT	98.5	M
CH 1+343.117	CH 1+348.737	LT	5.4	M
SUBTOTAL			375	M
ROUNDING			0	M
TOTAL			375	M

GUARDRAIL

BEGIN STATION km + m	END STATION km + m	POSITION		END TREATMENT	
		LEFT m	RIGHT m	BEGIN ea	END ea
621.20 - STEEL BEAM GUARDRAIL, GALVANIZED					
NB 7+000.0	7+308.6	312.4		1	1
NB 7+003.3	7+612.9		605.8	1	1
NB 7+399.0	7+799.0	400.1		1	1
NB 8+136.0 136	8+316.8		181.8	1	
NB 8+197.2 218	8+340.8 320	113.6			1
NB 8+377.3	8+526.0	148.7			
NB 8+383.1	8+526.0		142.9		
POSITION TOTAL		974.8	930.5		
SUBTOTAL		1905.3			
ROUNDING		0.7			
TOTAL		1906			
621.50 - MANUFACTURED TEMINAL END SECTION, FLARED					
POSITION TOTAL				4	4
SUBTOTAL				8	
ROUNDING				-	
TOTAL				8	
605.10-150 UNDERDRAIN ADDED TO CONTRACT					
NB 6+644 -	6+666	A	RT	REF	DP-02
NB 6+665 -	6+670	B	RT	REF	DP-02
NB 6+686 -	6+686	C	RT	REF	DP-02
NB 6+679 -	6+679	D	RT	REF	DP-02
NB 7+180 -	7+335	LT-RT		REF	DP-04
NB 7+160 -	7+180	BOX CULVERT		REF	DP-04
NB 7+980 -	8+034	U423	RT	REF	DP-06
NB 7+980 -	8+050	U405	LT	REF	DP-06
NB 8+320 -	8+340			REF	DP-09
NB 8+365 -	8+370			REF	DP-09

UNDERDRAIN

BEGIN STATION km + m	END STATION km + m	TYPE	POSITION	DIA. mm	LENGTH m	TRENCH (1)		FB ea		MKT PST ea
						EARTH m³	ROCK m³			
605.10 - 150 UNDERDRAIN										
NB 6+595.0	6+670.0	U503	RT	150	69	86.6		1		1
NB 6+595.0	6+670.0	U518	LT	150	69.2	86.8		1		1
NB 6+670.0	7+040.0	U519	LT	150	383.2	480.9		4		4
NB 6+670.0	6+760.0	U504	RT	150	84	105.4		1		1
NB 6+760.0	6+835.0	U506	RT	150	69	86.6		1		1
NB 6+835.0	6+910.0	U507	RT	150	69	86.6		1		1
NB 6+910.0	6+985.0	U508	RT	150	68.5	86		1		1
NB 6+985.0	7+070.0	U509	RT	150	81	101.7		1		1
NB 7+075.0	7+130.0	U416	RT	150	54.8	68.77		1		1
NB 7+157.7	7+165.0	U491	RT	150	7.1	8.9				
NB 7+640.0	7+850.0	U432	RT	150	206.9	259.7		2		2
NB 7+852.0	7+975.0	U424	RT	150	120.2	150.8		2		2
NB 7+880.0	7+975.0	U406	LT	150	89.7	112.6		1		1
NB 8+050.5	8+125.0	U422	RT	150	69.8	87.6		1		1
NB 8+050.5	8+125.0	U404	LT	150	68.2	85.6		1		1
NB 8+125.0	8+200.0	U403	LT	150	67.6	84.8		1		1
NB 8+130.0	8+200.0	U421	RT	150	69	86.7		1		1
SUBTOTAL		U			1646	2066				
ROUNDING		U			324					
TOTAL		U			1970					
605.20 - 150 UNDERDRAIN CARRIER PIPE										
14 FLUSHING BASINS		C	RT	150	17	70				
7 FLUSHING BASINS		C	LT	150	8	35				
NB 7+150.0	NB 7+130.0	C	RT	150	11					
SUBTOTAL		C			36					
ROUNDING					-					
TOTAL					36					
204.20 TRENCH EXCAVATION										
SUBTOTAL							2171			
605.95 UNDERDRAIN FLUSHING BASIN										
SUBTOTAL								21		
619.17 YIELDING MARKER POSTS										
SUBTOTAL										21

1. GEOTEXTILE TO BE INCLUDED IN THE UNIT COST OF THE UNDERDRAIN CONSTRUCTION.
2. FOR ROUNDING AND PROJECT TOTALS FOR TRENCH EXCAVATION, YIELDING MARKER POSTS AND FLUSHING BASINS SEE QUANTITY SHEETS 1-6

PROJECT NAME: BENNINGTON
PROJECT NUMBER: AC NH 019-1(52)
FILE NAME: zd307c2itemdetail.xls
PROJECT LEADER: GREG EDWARDS
DESIGNED BY: JJS/MARC FOISY
ITEM DETAIL SHEET ID-1
PLOT DATE: 01/23/2008
DRAWN BY: Stantec
CHECKED BY: GARY SANTY
SHEET 15 OF 267