ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S (IN)	PIPE ARCH R (IN)	PIPE ARCH L (FT)	PIPE D (IN)	PIPE L (FT)	PCCSP (TH)	CAAP (TH)	RCP (CL)	CSP (TH)	CPEP (SL)	PCCSP PI (TH)	PIPE ELBOW (NO-DEG)
UPPER FRENCH HOLLOW RD. (FROM ML)																		
0+16	0+53	RT-RT								18	66	.064	.060					
1+40	2+00	RT-RT																
2+00	7+00	RT-RT																
2+07	2+31	LT-LT								18								
2+10	2+75	LT-LT								18	60	.064	.060					
2+75	4+80	LT-LT																
5+60	6+80	RT-RT								18	130							
5+80	6+80	RT-RT																
6+40		LT								12	48	.064						1-15
																		1-20
6+75		RT-RT								18								
7+00	7+40	RT-RT								18	40	.064	.060					
8+35		RT-RT								18								
															.064			
TOTALS										12 18	48 166	.064 .064	.060					2

STA.	E S (EA)	CB	P R C K D I	DEPTH DI	CONC CL B (CY)	REIN STEEL (LBS)	DI GRATE (TYPE)	CHAN ELEV	CRM (CY)	TR EXCAV EARTH (CY)	TR EXCAV ROCK (CY)	COMM EXC (CY)	UNC CHAN EXC (CY)	STRUC EXCAV (CY)	GRAN BKF STRUC (CY)	GRAN BORR (CY)	EROS MATT (SY)	STONE FILL (CY)	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	PIPE REM.		REMARKS
0+16				4.0	2.1	193	B			40	2							6	II	1	1			REMOVE EXISTING CULVERT & D.I. / INSTALL NEW PIPE & D.I.
1+40																		60	II					EXCAVATION: PAID FOR BY ALL PURPOSE EXCAVATOR RENTAL, TYPE I
2+00																		230	I					EXCAVATION: PAID FOR BY ALL PURPOSE EXCAVATOR RENTAL, TYPE I
2+07																						26		PIPE REMOVALS
2+10										43								6	II					DRIVEWAY; STONE FILL, TYPE II PAD @ OUTLET
2+75																	80	40	I					SWALE: PAID FOR BY ALL PURPOSE EXCAVATOR RENTAL, TYPE I
5+60										50												130		TEMPERARY CULVERT- SUBSIDIARY TO OTHER CONTRACT ITEMS
5+80																		45	I					EXCAVATION: PAID FOR BY ALL PURPOSE EXCAVATOR, RENTAL, TYPE I
6+40			1							21								6	II	1				SLOPE PIPE, 2′ COUPLING BANDS AT ALL JOINTS W/STONE FILL,
																								TYPE II PAD @ OUTLET
6+75																						40		PIPE REMOVAL
7+00																								DRIVE CULVERT
8+35																						56		PIPE REMOVAL
TOTALS			1		2.1	193	B			162	2						80	78 315	II I		3	252		

* ALL QUANTITIES & SIZE ARE ESTIMATES. USE BIT. CONC. CURB IF REQUIRED.

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT BEGIN	END TREATMENT END
0+40	1+90	167	~~150~~	G-1-D	G-1-D
0+85 ~~0+90~~	1+90	~~100~~	104	G-1-D	G-1-D
4+42 ~~4+45~~	*TTE	~~689.5~~	727.5	G-1-D	*TTE
4+42 ~~4+45~~	7+10		279	G-1-D	G-1-D
7+30 ~~7+35~~	*TTE	564.5	~~502~~	G-1-D	*TTE
*TTE=TIE TO EXISTING GUARDRAIL ON VT 30					
TOTALS	831.5	~~831~~ ~~1691~~ 1842	~~860~~ 1010.5		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	S.F. TYPE I	MKR PST
* 10+40		C	LT	6	10	8				6	1
TOTALS				6	10	8				6	1

PROJECT NAME: WINHALL
PROJECT NUMBER: PFH 002-1(1)

FILE NAME: sqda/99e206/de206frm.dgn
PROJECT LEADER: AJB
DESIGNED BY:
de206d01.1
PLOT DATE: 05-JUN-2002
DRAWN BY: MGN
CHECKED BY:
SHEET 6 OF