

REMOVE EXISTING PAVEMENT UNDER ITEM 203.28, "EXCAVATION OF SURFACES AND PAVEMENTS" AND REPLACE WITH 6" TOPSOIL.

MAINLINE 14+50.00= CHANNEL LINE 201+00.00  
 $\Delta = 82^\circ 31' 40''$  LT FROM TANGENT

BEGIN BRIDGE  
 STA 13+68.64  
 F.G. = 857.20

END BRIDGE  
 STA 14+36.42  
 F.G. = 856.23

DRIVE 1 STA 60+51.93=  
 DRIVE 2 STA 49+89.98  
 $\Delta = 99^\circ 51' 13''$  RT

POE  
 Sta 51+56.32

POE  
 Sta 61+10.00

PT  
 Sta 60+41.95

PC  
 Sta 60+09.38

PC  
 Sta 10+13.78

BEGIN PROJECT  
 STA 10+11.00

POB  
 Sta 10+00.00

PC  
 Sta 12+87.16

PT  
 Sta 12+31.89

DRIVE 1 AT STA 11+75 LT  
 CURVE DATA

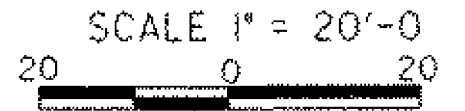
$\Delta = 23^\circ 19' 58''$  LT.  
 $D = 71^\circ 37' 11''$   
 $R = 80.00'$   
 $T = 16.52'$   
 $L = 32.58'$   
 $E = 1.69'$

M STA 11+75 =  
 $\Delta = 90^\circ$  LT TO TAN  
 PI  
 Sta 11+28.44

**DRAINAGE KEYNOTES**

- ① STA 10+93 LT - STA 11+16 LT: REMOVE EXISTING 18" RCP & D. I. AT INLET
- ② STA 10+90 LT - STA 11+00 RT: NEW 18" x 74" PIPE OPTION WITH 4' x 4' DI WITH TYPE 'D' GRATE AT INLET
- ③ STA 11+00 RT - STA 10+93 RT: NEW 18" x 36" CPEP (SL) & 4' x 4' DI WITH PRECAST COVER AND CAST IRON COVER WITH FRAME AT INLET WITH STONE FILL TYPE I AT OUTLET
- ④ STA 12+00 LT - STA 13+74 LT: CONSTRUCT SPECIAL DITCH WITH EROSION MATTING
- ⑤ STA 14+22 RT - STA 15+27 RT: NEW 18" x 96" PIPE OPTION

PIPE OPTIONS	
CAAP	0.060 (2-2/3 x 1/2)
PCCSP	0.064 (2-2/3 x 1/2)
CPEP	(SL)



SHEET NAME: <b>DRAINAGE AND UTILITY SHEET #1</b>	
PROJECT NAME: <b>READING</b>	HIGHWAY NO.: VT 44
PROJECT NUMBER: <b>BRS 0148(6)S</b>	BRIDGE NO.: 1
	OVER: THE MILL BROOK
FILE NAME: PW/85e034/Structures/se034d.dgn	PLOT DATE: 17-FEB-2006
PROJECT MANAGER: R. WHITCOMB	DRAWN BY: J. GILMORE
DESIGNED BY: C. CARLSON	IPARM NAME: se034d.dwg
BRIDGE SHEET NUMBER:	SHEET 18 OF 63