



FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
I	N.Y.	0146001	31	92
BENNINGTON CONNECTOR S.H. 98-2				
P.I.N. 1306.60				
WHITEHOUSE BRIDGE - VERMONT STATE LINE S.H. 1426				
RENSSELAER COUNTY				

HORIZONTAL CONTROL TABLE

HCL POINT	COORDINATES		HCL STATION	DESCRIPTION
	NORTH	EAST		
S.H. 1426 AND S.H. 98-2				
BEGIN	42449.694	435000.301	42+840.000	BEGIN S.H. 1426
P.C. W.B. 1	42452.263	435058.798	42+898.553	P.C. CURVE W.B. 1
P.I. W.B. 1	42453.927	435096.690	42+936.481 BK.= 42+936.290 AHD.	P.I. CURVE W.B. 1
P.T. W.B. 1	42449.009	435134.298	42+974.218	P.T. CURVE W.B. 1
T.S. W.B. 2	42443.698	435174.904	43+015.170	T.S. CURVE W.B. 2
S.C. W.B. 2	42437.630	435230.564	43+071.170	S.C. CURVE W.B. 2
P.I. W.B. 2	42416.974	435379.249	43+221.255 BK.= 43+202.942 AHD.	P.I. CURVE W.B. 2
P.O.L.	42457.019	435390.530	43+233.243	EQUALITY - S.H. 1426 STA. 43+233.243 BK.= S.H. 1426 STA. 143+233.243 AHD.
P.O.L.	42457.019	435390.530	43+233.243	EQUALITY - S.H. 1426 STA. 43+233.243 BK.= S.H. 98-2 STA. 43+233.243 AHD.
P.O.C.	42471.524	435429.670	43+275.000	END S.H. 98-2 RECONSTRUCTION
C.S. W.B. 2	42508.375	435498.329	43+353.027	C.S. CURVE W.B. 2
S.T. W.B. 2	42541.143	435543.728	43+409.027	S.T. CURVE W.B. 2
T.S. W.B. 3	42711.682	435769.632	43+692.076	T.S. CURVE W.B. 3
S.C. W.B. 3	42745.940	435813.927	43+748.076	S.C. CURVE W.B. 3
P.I. W.B. 3	42854.156	435958.359	43+928.543 BK.= 43+919.395 AHD.	P.I. CURVE W.B. 3
P.O.L.	42906.356	435963.820	43+968.317	EQUALITY OVER FARMERS INN ROAD
C.S. W.B. 3	43019.616	436030.431	44+099.862	C.S. CURVE W.B. 3
S.T. W.B. 3	43070.606	436053.575	44+155.862	S.T. CURVE W.B. 3
P.O.L.	43215.088	436117.132	44+313.705	EQUALITY OVER DAILEY ACCESS ROAD
T.S. W.B. 4	43441.862	436216.890	44+561.451	T.S. CURVE W.B. 4
S.C. W.B. 4	43492.852	436240.034	44+617.451	S.C. CURVE W.B. 4
P.I. W.B. 4	43623.642	436296.855	44+760.042 BK.= 44+754.943 AHD.	P.I. CURVE W.B. 4
C.S. W.B. 4	43718.917	436402.956	44+897.534	C.S. CURVE W.B. 4
S.T. W.B. 4	43757.002	436444.007	44+953.534	S.T. CURVE W.B. 4
P.O.L.	43892.063	436593.036	45+154.659	EQUALITY - STA. 45+154.659 BK. (NEW YORK) = STA. 12+130.455 AHD. (VERMONT) END S.H. 98-2
S.H. 1426 (STEM SECTION)				
BEGIN / P.C. 1	42457.019	435390.530	143+233.243	BEGIN S.H. 1426 (STEM SECTION)/ P.C. CURVE 1
P.I. 1	42415.112	435436.398	143+295.373 BK.= 143+291.592 AHD.	P.I. CURVE 1
P.T. 1	42406.571	435497.938	143+353.722	P.T. CURVE 1
END	42361.719	435821.118	143+680.000	END S.H. 1426

HORIZONTAL CURVE DATA

<p style="text-align:center"><u>S.H. 1426</u></p> <p style="text-align:center">CURVE W.B. 1</p> <p>P.C.= STA.42+898.553 P.T.= STA.42+974.218 $\Delta=09^{\circ}57'58.1''$ R=435.000 m T=37.928 m L=75.665 m E=1.650 m $e_{max}=0.060$ DN. RT.</p> <p style="text-align:center">CURVE W.B. 2</p> <p>T.S.= STA.43+015.170 S.C.= STA.43+071.170 C.S.= STA.43+353.027 S.T.= STA.43+409.027 $\Delta=44^{\circ}30'02.5''$ R=435.000 m $\Delta c=37^{\circ}07'28.9''$ Lc=281.857 m Ts=206.085 m Ls=56.000 m $\Theta s=03^{\circ}41'16.8''$ $e_{max}=0.060$ DN. LT.</p> <p style="text-align:center">CURVE W.B. 3</p> <p>T.S.= STA.43+692.076 S.C.= STA.43+748.076 C.S.= STA.44+099.862 S.T.= STA.44+155.862 $\Delta=29^{\circ}12'19.8''$ R=800.000 m $\Delta c=25^{\circ}11'41.4''$ Lc=351.786 m Ts=236.467 m Ls=56.000 m $\Theta s=02^{\circ}00'19.3''$ $e_{max}=0.049$ DN. LT.</p> <p style="text-align:center">CURVE W.B. 4</p> <p>T.S.= STA.44+561.451 S.C.= STA.44+617.451 C.S.= STA.44+897.534 S.T.= STA.44+953.534 $\Delta=24^{\circ}04'12.6''$ R=800.000 m $\Delta c=20^{\circ}03'34.1''$ Lc=280.083 m Ts=198.591 m Ls=56.000 m $\Theta s=02^{\circ}00'19.3''$ $e_{max}=0.049$ DN. RT.</p>	<p style="text-align:center"><u>S.H. 98-2</u></p> <p style="text-align:center">CURVE W.B. 2</p> <p>T.S.= STA.43+015.170 S.C.= STA.43+071.170 C.S.= STA.43+353.027 S.T.= STA.43+409.027 $\Delta=44^{\circ}30'02.5''$ R=435.000 m $\Delta c=37^{\circ}07'28.9''$ Lc=281.857 m Ts=206.085 m Ls=56.000 m $\Theta s=03^{\circ}41'16.8''$ $e_{max}=0.060$ DN. LT.</p> <p style="text-align:center">CURVE 1</p> <p>P.C.= STA.143+233.243 P.T.= STA.143+353.722 $\Delta=34^{\circ}30'52.9''$ R=200.000 m T=62.130 m L=120.479 m E=9.428 m $e_{max}=0.060$ DN. LT.</p>
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HORIZONTAL AND VERTICAL CONTROLS	SURVEYED BY C.H.A. & V.S.E.	DATE 12/93
	DESIGNED BY D.W.E.	DATE 2/04
	DRAWN BY C.A.K.	DATE 2/04
	CHECKED BY T.P.K.	DATE 2/04
	DESIGN FILE NO. NYHVC-1DGN	
PROJ. NAME BENNINGTON - HOOSICK D.P.I. 0146(II) C/1		
PROJ. NO. P.I.N. 1306.60		
SHEET 31 OF 92	DWG NO. HVC-1	