



HORIZONTAL CONTROL TABLE				
HCL POINT	COORDINATES		HCL STATION	DESCRIPTION
	NORTH	EAST		
VT. ROUTE 9				
BEGIN VT. ROUTE 9 D.P.I. 0146(1) C/4	45264.892	440709.875	16+695.000	BEGIN VT. ROUTE 9 D.P.I. 0146(1) C/4
P.C. CURVE W.B. 8	45255.051	440758.080	16+744.201	
P.I. CURVE W.B. 8	45214.430	440957.064	P.I. STA. 16+947.288 BK. = P.I. STA. 16+944.475 AHD.	
P.T. CURVE W.B. 8 STOP VT. ROUTE 9	45232.025	44159.388	16+978.091	
RESUME VT. ROUTE 9	45251.281	441380.817	17+369.827	RESUME WESTBOUND INITIAL H.C.L. STA. 17+369.827 = STA. BIO+000.000
END VT. ROUTE 9	45282.081	441735.010	17+725.355	
RAMPS				
BEGIN RAMP X	45227.585	440990.079	XIO+000.000	
P.C. CURVE X-1	45219.486	441226.076	XIO+236.136	
P.I. CURVE X-1	45218.031	441268.470	P.I. STA. XIO+278.556 BK. = P.I. STA. XIO+278.452 AHD.	
P.T. CURVE X-1	45221.706	441310.730	XIO+320.871	
END RAMP X	45222.592	441320.916	XIO+331.096	
BEGIN RAMP Y	45227.585	440990.079	YIO+000.000	
P.C. CURVE Y-1	45225.316	441056.213	YIO+066.173	
P.I. CURVE Y-1	45223.653	441104.657	P.I. STA. YIO+114.646 BK. = P.I. STA. YIO+114.528 AHD.	
P.T. CURVE Y-1	45227.852	441152.949	YIO+163.001	
END RAMP Y	45232.525	441206.691	YIO+216.946	
BEGIN RAMP AB	45411.117	441314.385	AB9+980.000	
P.C. CURVE AB-1	45380.670	441255.850	ABIO+045.980	
P.I. CURVE AB-1	45372.103	441239.380	P.I. STA. ABIO+064.545 BK. = P.I. STA. ABIO+063.860 AHD.	
P.T. CURVE AB-1	45371.918	441220.815	ABIO+082.425	
P.C. CURVE AB-2	45371.563	441185.333	ABIO+117.909	
P.I. CURVE AB-2	45371.119	441140.839	P.I. STA. ABIO+162.405 BK. = P.I. STA. ABIO+152.068 AHD.	
P.T. CURVE AB-2 / END RAMP AB	45330.030	441123.765	ABIO+196.564	
BEGIN RAMP A	45330.951	441121.549	AIO+000.000	
P.C. CURVE A-1	45284.705	441102.332	AIO+050.080	
P.I. CURVE A-1	45229.705	441079.478	P.I. STA. AIO+109.639 BK. = P.I. STA. AIO+095.240 AHD.	
P.C.C. CURVE A-1 / A-2	45230.480	441019.923	ABIO+154.799	
P.I. CURVE A-2	45230.673	441005.059	P.I. STA. AIO+169.665 BK. = P.I. STA. AIO+169.663 AHD.	
P.T. CURVE A-2 / END RAMP A	45231.183	440990.202	AIO+184.529	
BEGIN RAMP B	45251.281	441380.817	BIO+000.000	
P.C. CURVE B-1	45236.112	441206.379	BIO+175.097	
P.I. CURVE B-1	45233.640	441177.961	P.I. STA. BIO+203.623 BK. = P.I. STA. BIO+201.819 AHD.	
P.C.C. CURVE B-1 / B-2	45247.990	441153.307	BIO+230.345	
P.I. CURVE B-2	45276.597	441104.161	P.I. STA. BIO+287.211 BK. = P.I. STA. BIO+266.916 AHD.	
P.T. CURVE B-2 / END RAMP B	45329.109	441125.982	BIO+323.782	
BEGIN RAMP CD	45135.239	441460.248	CD9+980.000	
P.C. CURVE CD-1	45097.245	441411.525	CDIO+041.786	
P.I. CURVE CD-1	45079.625	441388.930	P.I. STA. CDIO+070.439 BK. = P.I. STA. CDIO+068.508 AHD.	
P.T. CURVE CD-1	45078.804	441360.290	CDIO+097.161	
P.C. CURVE CD-2	45075.501	441245.301	CDIO+212.197	
P.I. CURVE CD-2	45074.583	441213.327	P.I. STA. CDIO+244.185 BK. = P.I. STA. CDIO+239.941 AHD.	
P.T. CURVE CD-2 / END RAMP CD	45098.773	441192.397	CDIO+271.929	
BEGIN RAMP C	45223.988	440989.955	CIO+000.000	
P.C. CURVE C-1	45222.868	441022.587	CIO+032.651	
P.I. CURVE C-1	45220.771	441083.667	P.I. STA. CDIO+093.768 BK. = P.I. STA. CIO+086.785 AHD.	
P.T. CURVE C-1	45174.553	441123.657	CIO+147.902	
END RAMP C	45097.203	441190.582	CIO+250.186	
BEGIN RAMP D / P.C. CURVE D-1	45100.344	441194.212	DIO+000.000	
P.I. CURVE D-1	45151.799	441149.691	P.I. STA. DIO+068.042 BK. = P.I. STA. DIO+037.032 AHD.	

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HCL POINT	COORDINATES		HCL STATION	DESCRIPTION
	NORTH	EAST		
RAMPS (CONT.)				
P.C.C. CURVE D-1 / D-2	45193.921	441203.128	DIO+105.074	
P.I. CURVE D-2	45210.572	441224.251	P.I. STA. DIO+131.970 BK. = P.I. STA. DIO+130.450 AHD.	
P.T. CURVE D-2	45212.902	441251.046	DIO+157.346	
END RAMP D	45225.072	441390.999	DIO+297.827	
RAMP Z				
BEGIN RAMP Z	45383.611	441165.452	ZIO+000.000	
P.C. CURVE Z-1	45389.840	44130.389	ZIO+035.612	
P.I. CURVE Z-1	45407.856	441028.976	P.I. STA. ZIO+138.613 BK. = P.I. STA. ZIO+078.280 AHD.	
P.C.C. CURVE Z-1 / Z-2	45305.139	441036.616	ZIO+181.281	
P.I. CURVE Z-2	45274.771	441038.875	P.I. STA. ZIO+211.733 BK. = P.I. STA. ZIO+209.548 AHD.	
P.T. CURVE Z-2 / END RAMP Z	45252.040	441059.140	ZIO+240.000	
VT. ROUTE 67A				
BEGIN VT. ROUTE 67A	44.965.439	441602.981	60+564.828	
P.C. CURVE 67A-1	45022.397	441522.002	60+663.832	
P.I. CURVE 67A-1	45083.082	441435.724	P.I. STA. 60+769.314 BK. = P.I. STA. 60+765.348 AHD.	
P.T. CURVE 67A-1	45176.463	441386.669	60+870.830	
P.I.	45235.407	441355.704	60+937.412	ANGLE POINT
P.I.	45390.288	441274.341	61+112.364	ANGLE POINT
END VT. ROUTE 67A	45542.334	441194.467	61+284.113	
SILK ROAD				
BEGIN SILK ROAD	45105.020	440847.119	SRO+000.000	
P.C. CURVE SR-1	45105.020	440847.119	SRO+000.000	
P.I. CURVE SR-1	45128.620	440843.201	P.I. STA. SRO+023.921 BK. = P.I. STA. SRO+023.847 AHD.	
P.T. CURVE SR-1	45151.466	440836.109	SRO+047.770	
P.C. CURVE SR-2	45296.271	440791.57	SRO+199.392	
P.I. CURVE SR-2	45321.588	440783.298	P.I. STA. SRO+225.901 BK. = P.I. STA. SRO+225.358 AHD.	
P.T. CURVE SR-2 / END SILK ROAD	45348.066	440784.592	SRO+251.868	
SILK ROAD CHANNEL				
BEGIN SILK ROAD CHANNEL	45235.455	440688.556	SIO+006.000	
P.C. CURVE S-1	45234.890	440690.326	SIO+007.858	
P.I. CURVE S-1	45232.351	440698.279	P.I. STA. SIO+016.206 BK. = P.I. STA. SIO+016.204 AHD.	
P.T. CURVE S-1	45224.912	440702.067	SIO+023.675	
P.C. CURVE S-2	45140.458	440745.069	SIO+118.446	
P.I. CURVE S-2	45129.779	440750.506	P.I. STA. SIO+130.429 BK. = P.I. STA. SIO+128.055 AHD.	
P.T. CURVE S-2	45129.537	440762.487	SIO+140.038	
P.I.	45128.458	440815.768	SIO+193.331	ANGLE POINT
P.I.	45130.310	440826.504	SIO+204.225	ANGLE POINT
P.I.	45131.282	440835.186	SIO+212.961	ANGLE POINT
P.I.	45132.254	440846.628	SIO+224.445	ANGLE POINT
P.I.	45132.092	440850.356	SIO+228.176	ANGLE POINT
P.I.	45131.174	440854.419	SIO+232.342	ANGLE POINT
END SILK ROAD CHANNEL	45128.149	440859.928	SIO+238.626	ANGLE POINT
RESUME EASTBOUND				
BEGIN EASTBOUND	45225.072	441390.999	17+359.765	BEGIN EASTBOUND H.C.L. STA. 17+359.765 = DIO+297.827
END EASTBOUND	45257.458	441763.384	17+733.554	
RAMP AB CULVERT				
BEGIN RAMP AB CULVERT	45325.337	441167.925	RABI+000.000	
P.I.	45342.361	441094.516	RABI+075.357	ANGLE POINT
P.I.	45343.798	441091.717	RABI+078.503	ANGLE POINT
END RAMP AB CULVERT	45351.613	441085.316	RABI+088.605	

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DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1992)

HORIZONTAL CONTROL TABLE	SURVEYED BY	C.H.A. & V.S.E.	DATE	12/93
	DESIGNED BY	D.E.G.	DATE	9/00
	DRAWN BY	T.J.B.	DATE	9/00
	CHECKED BY	T.P.K.	DATE	9/00
DESIGN FILE NO. /5116/VAOT/VTHVC-1.DGN				
PROJ. NAME BENNINGTON - HOOSICK D.P.I. 0146(1) C/4				
PROJ. NO. P.I.N. 1306.60				
DWG NO. HC-1 SHEET 75 OF 385				