

CURVE AB-1
P.C. = STA. ABIO+045.980
P.T. = STA. ABIO+082.425
 $\Delta = 26^\circ 54' 32.9''$ RT
R = 77,600 m
T = 18,565 m
L = 36,445 m
E = 2,190 m
 $e_{max} = 0.020$ DN, RT

CURVE AB-2
P.C. = STA. ABIO+117.909
P.T. = STA. ABIO+196.564
 $\Delta = 66^\circ 51' 48.6''$ LT
R = 67,400 m
T = 44,496 m
L = 78,655 m
E = 13,363 m
 $e_{max} = 0.077$ DN, LT

CURVE A-2
P.C.C. = STA. AIO+154.799
P.T. = STA. AIO+184.529
 $\Delta = 01^\circ 13' 11.5''$ RT
R = 1396,400 m
T = 14,866 m
L = 29,730 m
E = 0.079 m
 $e_{max} = 0.036$ DN, RT

CURVE A-1
P.C. = STA. AIO+050.080
P.C.C. = STA. AIO+154.799
 $\Delta = 68^\circ 10' 52.3''$ RT
R = 88,000 m
T = 59,559 m
L = 104,719 m
E = 18,261 m
 $e_{max} = 0.036$ DN, RT

CURVE B-2
P.C.C. = STA. BIO+230.345
P.T. = STA. BIO+323.782
 $\Delta = 82^\circ 21' 44.9''$ RT
R = 65,000 m
T = 56,866 m
L = 93,437 m
E = 21,364 m
 $e_{max} = 0.077$ DN, RT

CURVE B-1
P.C. = STA. BIO+175.097
P.C.C. = STA. BIO+230.345
 $\Delta = 35^\circ 10' 19.8''$ RT
R = 90,000 m
T = 28,526 m
L = 55,248 m
E = 4,412 m
 $e_{max} = 0.069$ DN, RT

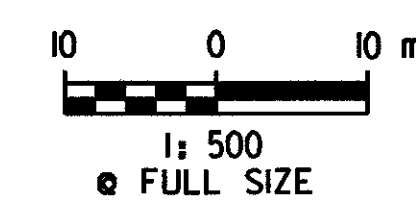
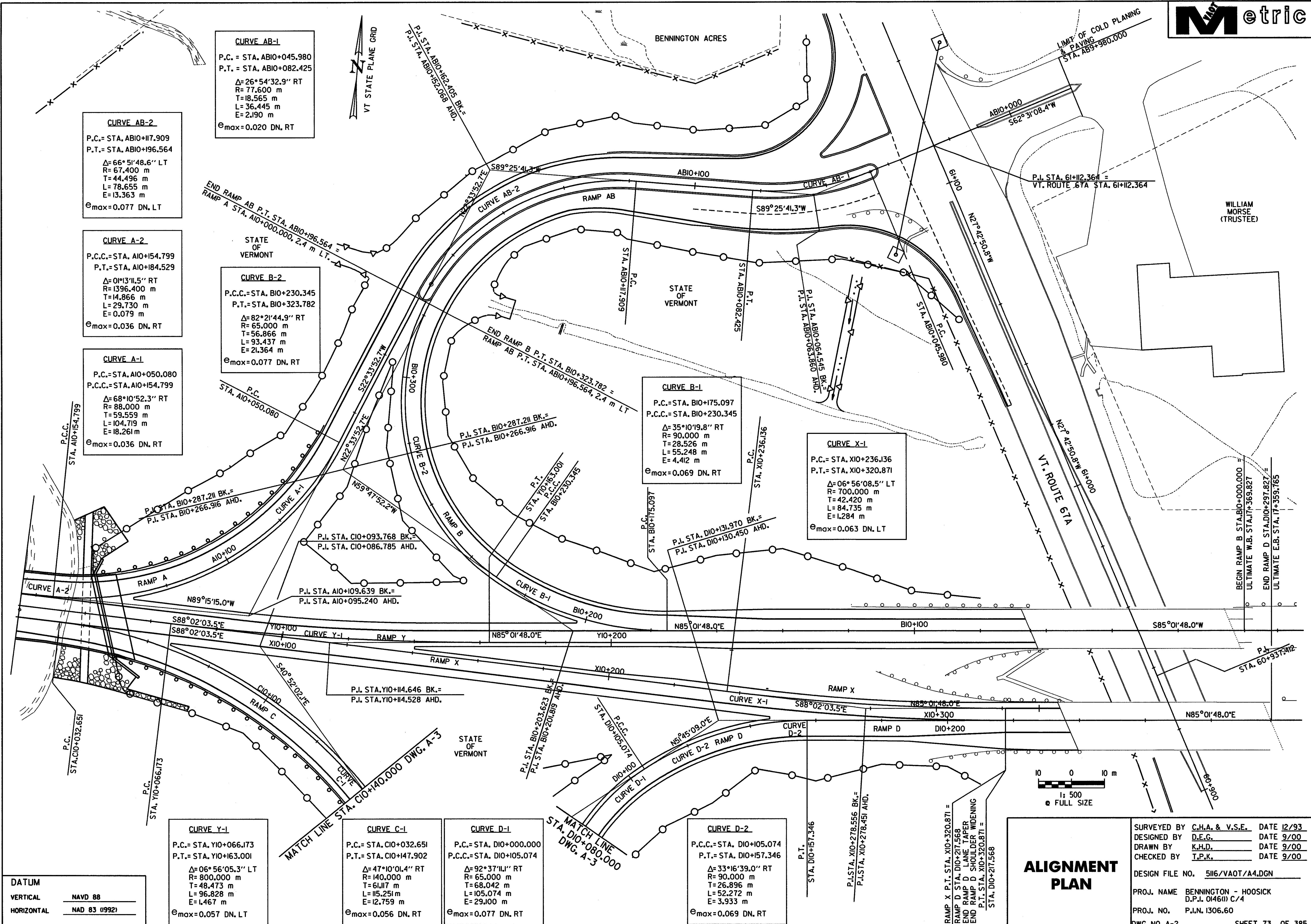
CURVE X-1
P.C. = STA. XIO+236.136
P.T. = STA. XIO+320.871
 $\Delta = 06^\circ 56' 08.5''$ LT
R = 700,000 m
T = 42,420 m
L = 84,735 m
E = 1,284 m
 $e_{max} = 0.063$ DN, LT

CURVE Y-1
P.C. = STA. YIO+066.173
P.T. = STA. YIO+163.001
 $\Delta = 06^\circ 56' 05.3''$ LT
R = 800,000 m
T = 48,473 m
L = 96,828 m
E = 1,467 m
 $e_{max} = 0.057$ DN, LT

CURVE C-1
P.C. = STA. CIO+032.651
P.T. = STA. CIO+147.902
 $\Delta = 47^\circ 10' 01.4''$ RT
R = 140,000 m
T = 61,117 m
L = 115,251 m
E = 12,759 m
 $e_{max} = 0.056$ DN, RT

CURVE D-1
P.C. = STA. DIO+000.000
P.C.C. = STA. DIO+105.074
 $\Delta = 92^\circ 37' 11.1''$ RT
R = 65,000 m
T = 68,042 m
L = 105,074 m
E = 29,100 m
 $e_{max} = 0.077$ DN, RT

CURVE D-2
P.C.C. = STA. DIO+105.074
P.T. = STA. DIO+157.346
 $\Delta = 33^\circ 16' 39.0''$ RT
R = 90,000 m
T = 26,896 m
L = 52,272 m
E = 3,933 m
 $e_{max} = 0.069$ DN, RT



ALIGNMENT PLAN

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

SURVEYED BY C.H.A. & V.S.E. DATE 12/93
DESIGNED BY D.E.G. DATE 9/00
DRAWN BY K.H.D. DATE 9/00
CHECKED BY T.P.K. DATE 9/00
DESIGN FILE NO. 5116/VAOT/A4.DGN
PROJ. NAME BENNINGTON - HOOSICK
D.P.I. 0146(1) C/4
PROJ. NO. P.L.N. 1306.60
DWG. NO. A-2 SHEET 73 OF 385

FILE NAME = \\V116\yost\contract4\4.dgn
DATE/TIME = 09 SEP 2000
USER = 1459