

EXISTING BRIDGE DATA

CLEAR SPAN 19.5'
 CLEAR HEIGHT 8.4'
 BEAMS 7
 BEAM SIZE 75lb RR RAIL
 SPACING VARIES
 DECK 3" WOOD
 WIDTH 17'

HORIZ. CURVE DATA

$\Delta = 43^\circ-51'-15''$ RT.
 D = 25°
 R = 229.18'
 T = 92.26'
 L = 175.42'
 E = 17.81'
 PC = 54+07.74
 PI = 55+00
 RT = 55+83.16

LIMITS OF GUARD RAIL ~ HEAVY DUTY STEEL
 BEAM W/WOOD POSTS, TYPE II

LT STA 55+23 ~ 55+58
 STA 56+03 ~ 56+42
 RT STA 54+78 ~ 55+30
 STA 55+83 ~ 56+20

CONSTRUCT DRIVE
 STA. 55+00 LT

BEGIN PROJECT
 STA 54+00
 = SURV. STA 14+00

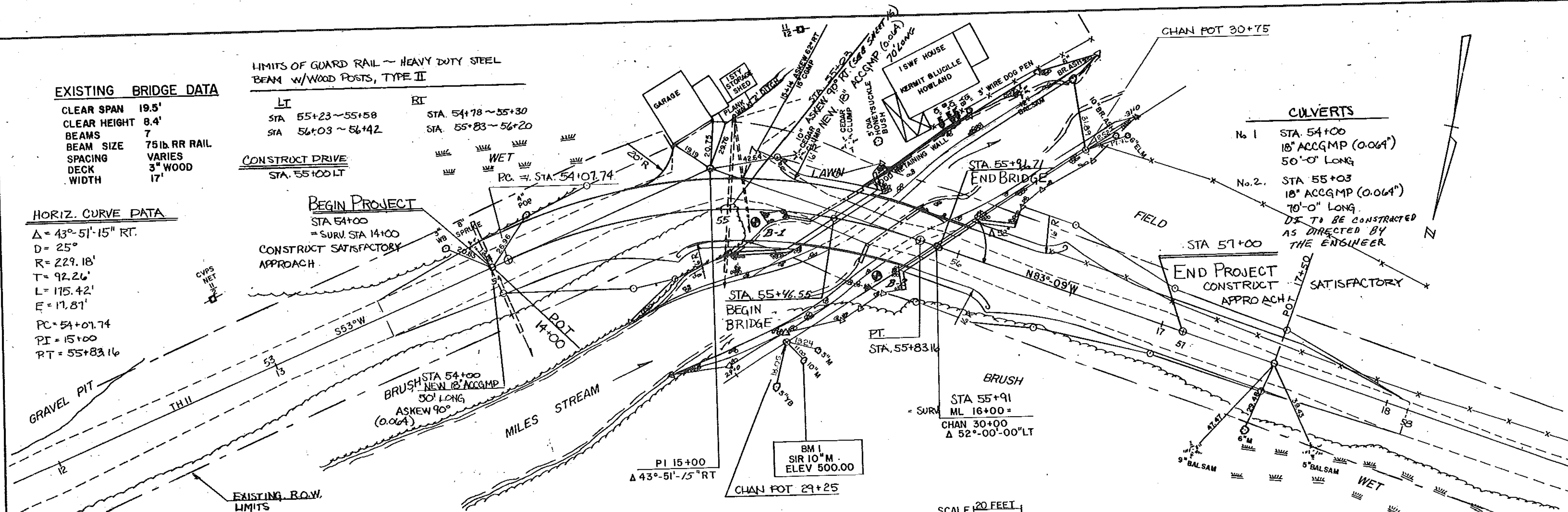
CONSTRUCT SATISFACTORY
 APPROACH

CULVERTS

No. 1 STA 54+00
 18" ACCGMP (0.064")
 50'-0" LONG
 No. 2 STA 55+03
 18" ACCGMP (0.064")
 70'-0" LONG
 TO BE CONSTRUCTED
 AS DIRECTED BY
 THE ENGINEER

END PROJECT
 CONSTRUCT
 APPROACH

SATISFACTORY



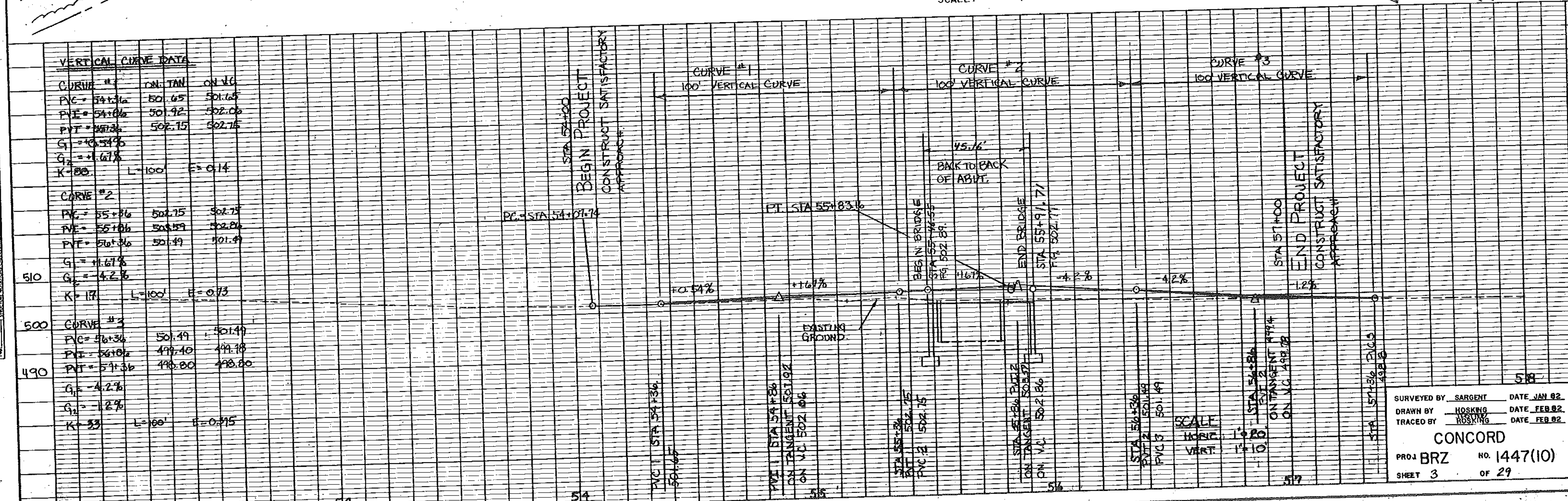
SCALE 1" = 20 FEET

VERTICAL CURVE DATA

CURVE #1
 ON TAN ON V.C.
 PVI = 54+36 501.65 501.65
 PVE = 54+06 501.92 502.06
 PVT = 54+76 502.15 502.15
 $G_1 = +0.54\%$
 $G_2 = +1.67\%$
 K = 80 L = 100 E = 0.14

CURVE #2
 PVI = 55+36 502.75 502.75
 PVE = 55+06 503.59 502.84
 PVT = 55+76 501.49 501.49
 $G_1 = +1.67\%$
 $G_2 = -4.2\%$
 K = 17 L = 100 E = 0.73

CURVE #3
 PVI = 56+36 499.49 499.49
 PVE = 56+06 499.40 499.78
 PVT = 57+06 498.00 498.00
 $G_1 = -4.2\%$
 $G_2 = -1.2\%$
 K = 33 L = 100 E = 0.95



SURVEYED BY SARGENT DATE JAN 82
 DRAWN BY HOSKING DATE FEB 82
 TRACED BY HOSKING DATE FEB 82

CONCORD
 PROJ BRZ NO. 1447(10)
 SHEET 3 OF 29