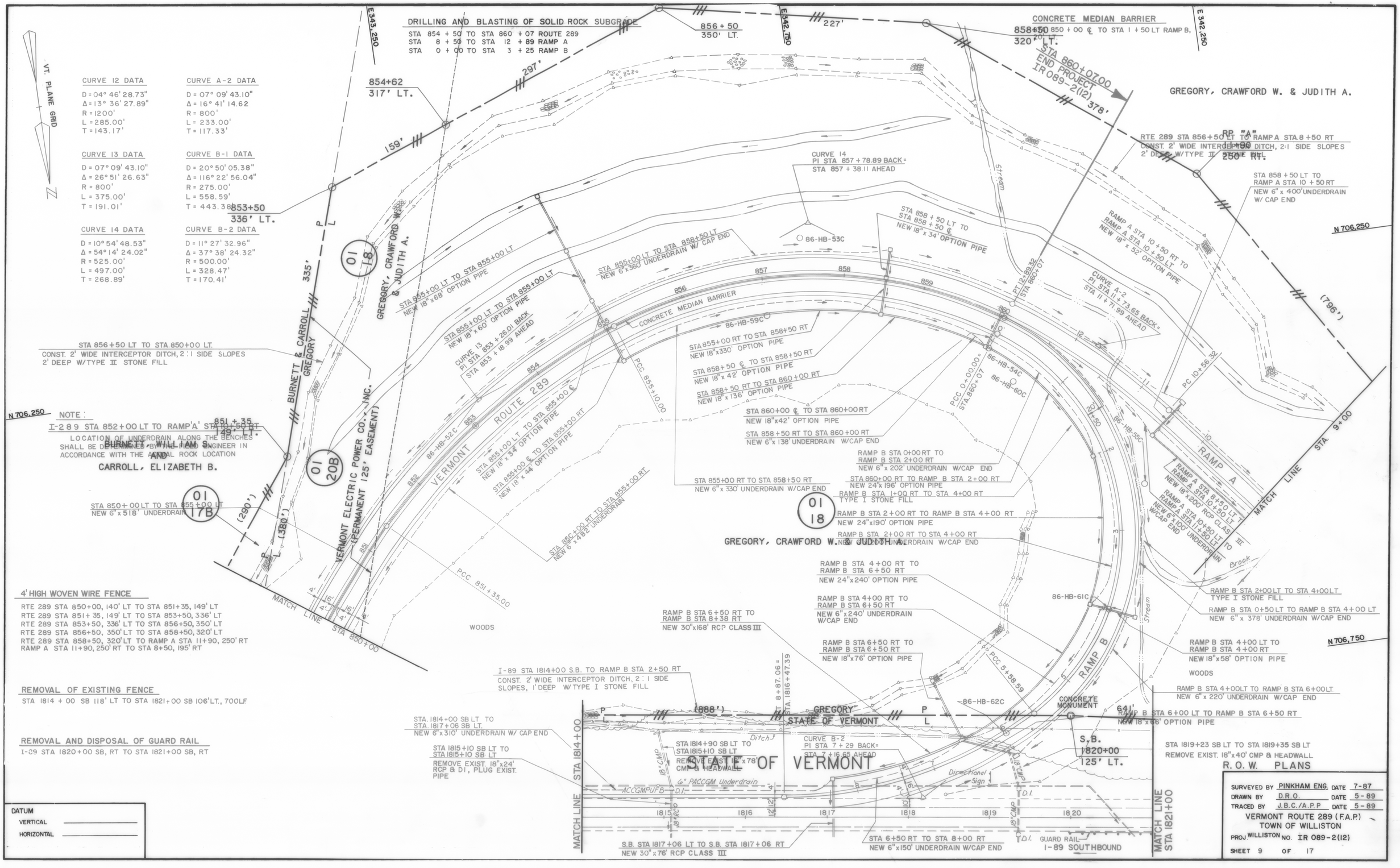
VT. PLANE GRID
N
DRILLING AND BLASTING OF SOLID ROCK SUBGRADE
STA 854 + 50 TO STA 860 + 07 ROUTE 289
STA 8 + 50 TO STA 12 + 89 RAMP A
STA 0 + 00 TO STA 3 + 25 RAMP B
CONCRETE MEDIAN BARRIER
STA 850 + 00 ℄ TO STA 1 + 50 LT RAMP B,
320' LT.
STA 860+07.00
END PROJECT
IR 089-2(12)
GREGORY, CRAWFORD W. & JUDITH A.
RP "A"
RTE 289 STA 856+50 LT TO RAMP A STA.8+50 RT
CONST. 2' WIDE INTERCEPTOR DITCH, 2:1 SIDE SLOPES
2' DEEP W/TYPE II STONE FILL
250' RT.
STA 858 + 50 LT TO
RAMP A STA 10 + 50 RT
NEW 6" x 400' UNDERDRAIN
W/ CAP END
N 706,250
CURVE 12 DATA
D = 04° 46' 28.73"
Δ = 13° 36' 27.89"
R = 1200'
L = 285.00'
T = 143.17'
CURVE 13 DATA
D = 07° 09' 43.10"
Δ = 26° 51' 26.63"
R = 800'
L = 375.00'
T = 191.01'
CURVE 14 DATA
D = 10° 54' 48.53"
Δ = 54° 14' 24.02"
R = 525.00'
L = 497.00'
T = 268.89'
CURVE A-2 DATA
D = 07° 09' 43.10"
Δ = 16° 41' 14.62
R = 800'
L = 233.00'
T = 117.33'
CURVE B-1 DATA
D = 20° 50' 05.38"
Δ = 116° 22' 56.04"
R = 275.00'
L = 558.59'
T = 443.38
CURVE B-2 DATA
D = 11° 27' 32.96"
Δ = 37° 38' 24.32"
R = 500.00'
L = 328.47'
T = 170.41'
854+62
317' LT.
856 + 50
350' LT.
853+50
336' LT.
CURVE 14
PI STA 857 + 78.89 BACK=
STA 857 + 38.11 AHEAD
STA 858 + 50 LT TO
STA 858 + 50 ℄
NEW 18" x 34' OPTION PIPE
RAMP A STA 10 + 50 RT TO
RAMP A STA 10 + 50 LT
NEW 18" x 52' OPTION PIPE
CURVE A-2
PI STA 11 + 73.65 BACK=
STA 11 + 71.99 AHEAD
PT 12+89.32
STA 860+07
PC 10+56.32
STA 9+00
(796')
STA 856+50 LT TO STA.850+00 LT.
CONST. 2' WIDE INTERCEPTOR DITCH, 2:1 SIDE SLOPES
2' DEEP W/TYPE II STONE FILL
BURNETT & CARROLL
GREGORY
GREGORY, CRAWFORD W. & JUDITH A.
VERMONT ELECTRIC POWER CO., INC.
(PERMANENT 125' EASEMENT)
VERMONT ROUTE 289
CONCRETE MEDIAN BARRIER
STA 855+00 LT TO STA 855+00 LT
NEW 18" x 68' OPTION PIPE
STA 855+00 LT TO STA 858+50 LT
NEW 6" x 360' UNDERDRAIN W/ CAP END
STA 855+00 LT TO STA 855+00 LT
NEW 18" x 60' OPTION PIPE
CURVE 13
PI STA 853 + 26.01 BACK
STA 853 + 18.99 AHEAD
86-HB-53C
86-HB-59C
86-HB-54C
86-HB-60C
86-HB-52C
86-HB-55C
86-HB-61C
86-HB-62C
STA 855+00 RT TO STA 858+50 RT
NEW 18" x 330' OPTION PIPE
STA 858+50 ℄ TO STA 858+50 RT
NEW 18" x 42' OPTION PIPE
STA 858+50 RT TO STA 860+00 RT
NEW 18" x 136' OPTION PIPE
STA 860+00 ℄ TO STA 860+00 RT
NEW 18" x 42' OPTION PIPE
STA 858+50 RT TO STA 860+00 RT
NEW 6" x 138' UNDERDRAIN W/CAP END
STA 855+00 LT TO STA 855+00 ℄
NEW 18" x 34' OPTION PIPE
STA 855+00 ℄ TO STA 855+00 RT
NEW 18" x 44' OPTION PIPE
STA 855+00 RT TO STA 858+50 RT
NEW 6" x 330' UNDERDRAIN W/CAP END
STA 860+00 RT TO RAMP B STA 2+00 RT
NEW 24" x 196' OPTION PIPE
RAMP B STA 0+00 RT TO
RAMP B STA 2+00 RT
NEW 6" x 202' UNDERDRAIN W/CAP END
RAMP B STA 1+00 RT TO STA 4+00 RT
TYPE I STONE FILL
RAMP B STA 2+00 RT TO RAMP B STA 4+00 RT
NEW 24" x 190' OPTION PIPE
RAMP B STA 2+00 RT TO STA 4+00 RT
NEW 6" x 200' UNDERDRAIN W/CAP END
STA 850+00 LT TO STA 855+00 LT
NEW 6" x 518' UNDERDRAIN
STA 850+00 RT TO STA 855+00 RT
NEW 6" x 782' UNDERDRAIN
PCC 855+10.00
PCC 851+35.00
PCC 0+00.00=
STA.860+07
PCC 5+58.59
(290')
(380')
(888')
MATCH LINE STA 850+00
MATCH LINE STA 9+00
MATCH LINE STA 1814+00
MATCH LINE STA 1821+00
RAMP A
RAMP B
Stream
Brook
WOODS
NOTE :
I-289 STA 852+00 LT TO RAMP'A' STA 11+90 RT
LOCATION OF UNDERDRAIN ALONG THE BENCHES
SHALL BE DETERMINED BY THE WILLIAMS ENGINEER IN
ACCORDANCE WITH THE ACTUAL ROCK LOCATION
BURNETT, WILLIAM S.
AND
CARROLL, ELIZABETH B.
851 + 35
149' LT.
4' HIGH WOVEN WIRE FENCE
RTE 289 STA 850+00, 140' LT TO STA 851+35, 149' LT
RTE 289 STA 851+ 35, 149' LT TO STA 853+50, 336' LT
RTE 289 STA 853+50, 336' LT TO STA 856+50, 350' LT
RTE 289 STA 856+50, 350' LT TO STA 858+50, 320' LT
RTE 289 STA 858+50, 320' LT TO RAMP A STA 11+90, 250' RT
RAMP A STA 11+90, 250' RT TO STA 8+50, 195' RT
REMOVAL OF EXISTING FENCE
STA 1814 + 00 SB 118' LT TO STA 1821+00 SB 106' LT., 700LF
REMOVAL AND DISPOSAL OF GUARD RAIL
I-89 STA 1820+00 SB, RT TO STA 1821+00 SB, RT
RAMP B STA 2+00 LT TO STA 4+00 LT
TYPE I STONE FILL
RAMP B STA 0+50 LT TO RAMP B STA 4+00 LT
NEW 6" x 378' UNDERDRAIN W/CAP END
RAMP B STA 4+00 LT TO
RAMP B STA 4+00 RT
NEW 18" x 58' OPTION PIPE
RAMP B STA 4+00 RT TO
RAMP B STA 6+50 RT
NEW 24" x 240' OPTION PIPE
RAMP B STA 4+00 RT TO
RAMP B STA 6+50 RT
NEW 6" x 240' UNDERDRAIN
W/CAP END
RAMP B STA 6+50 RT TO
RAMP B STA 8+38 RT
NEW 30" x 168' RCP CLASS III
RAMP B STA 6+50 RT TO
RAMP B STA 6+50 RT
NEW 18" x 76' OPTION PIPE
RAMP B STA 4+00LT TO RAMP B STA 6+00LT
NEW 6" x 220' UNDERDRAIN W/CAP END
RAMP B STA 6+00 LT TO RAMP B STA 6+50 RT
NEW 18" x 66' OPTION PIPE
I-89 STA 1814+00 S.B. TO RAMP B STA 2+50 RT
CONST. 2' WIDE INTERCEPTOR DITCH, 2:1 SIDE
SLOPES, 1' DEEP W/TYPE I STONE FILL
STA. 1814+00 SB LT TO
STA. 1817+06 SB LT.
NEW 6" x 310' UNDERDRAIN W/ CAP END
STA 1815+10 SB LT TO
STA 1815+10 SB LT
REMOVE EXIST. 18" x 24'
RCP & DI, PLUG EXIST.
PIPE
STA 1814+90 SB LT TO
STA 1815+10 SB LT
REMOVE EXIST. 18" x 78'
CMP & HEADWALL
CURVE B-2
PI STA 7 + 29 BACK=
STA 7 + 16.65 AHEAD
8+87.06 =
STA. 1816+47.39
GREGORY
STATE OF VERMONT
STATE OF VERMONT
CONCRETE
MONUMENT
641'
S.B.
1820+00
125' LT.
STA 1819+23 SB LT TO STA 1819+35 SB LT
REMOVE EXIST. 18" x 40' CMP & HEADWALL
R.O.W. PLANS
6" PACCGM Underdrain
ACCGMPUFB
D.I.
Ditch
Directional Sign
18" CMP
18" RCP
1815
1816
1817
1818
1819
1820
S.B. STA 1817+06 LT TO S.B. STA 1817+06 RT
NEW 30" x 76' RCP CLASS III
STA 6+50 RT TO STA 8+00 RT
NEW 6" x 150' UNDERDRAIN W/CAP END
GUARD RAIL
I-89 SOUTHBOUND
DATUM
VERTICAL
HORIZONTAL
SURVEYED BY PINKHAM ENG. DATE 7-87
DRAWN BY D.R.O. DATE 5-89
TRACED BY J.B.C./A.P.P DATE 5-89
VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON
PROJ. WILLISTON NO. IR 089-2(12)
SHEET 9 OF 17