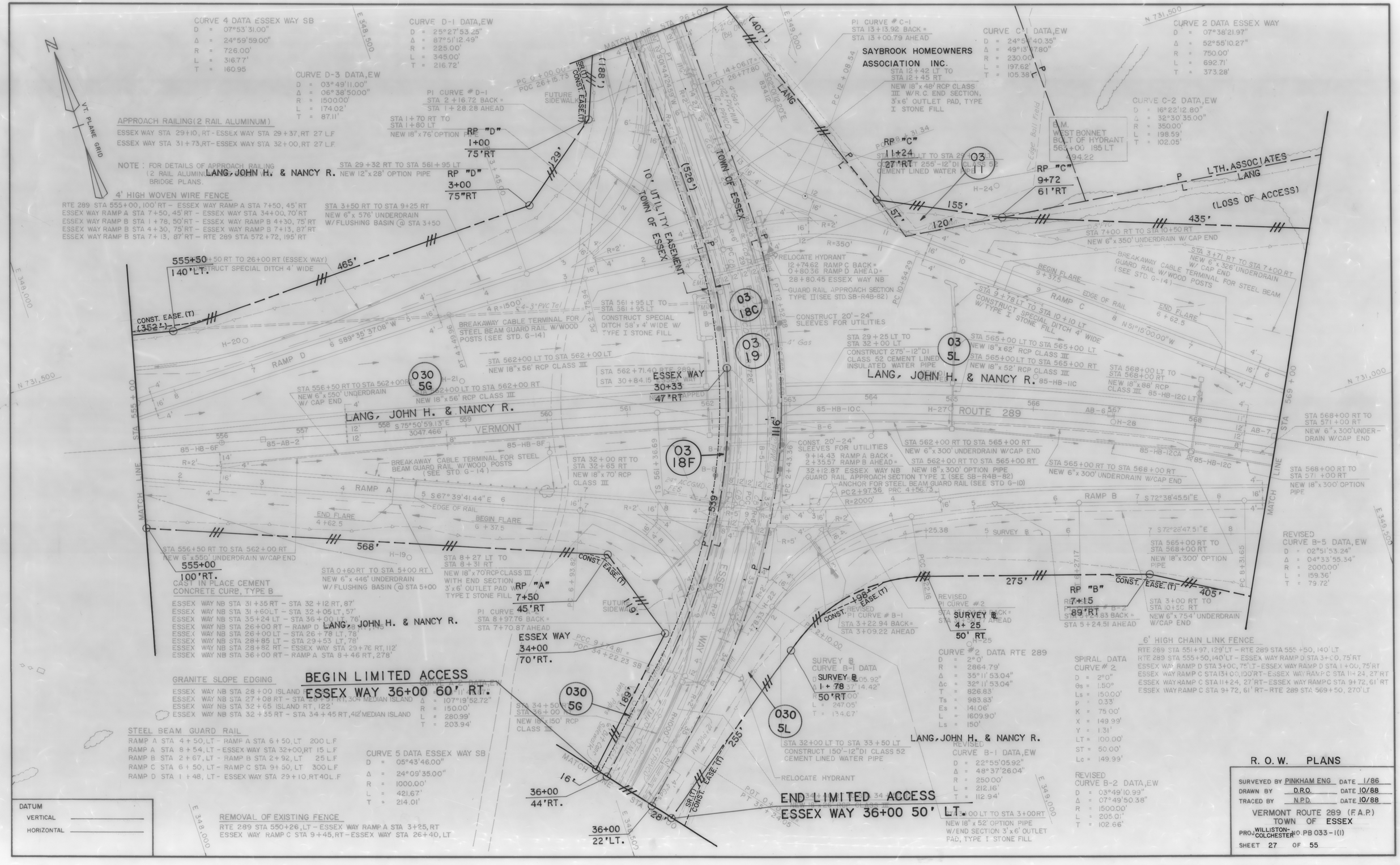
CURVE 4 DATA ESSEX WAY SB
D = 07°53'31.00"
Δ = 24°59'59.00"
R = 726.00'
L = 316.77'
T = 160.95
CURVE D-1 DATA, EW
D = 25°27'53.25"
Δ = 87°51'12.49"
R = 225.00'
L = 345.00'
T = 216.72'
CURVE D-3 DATA, EW
D = 03°49'11.00"
Δ = 06°38'50.00"
R = 1500.00'
L = 174.02'
T = 87.11'
CURVE C-1 DATA, EW
D = 24°55'40.35"
Δ = 49°13'57.80"
R = 230.00'
L = 197.62'
T = 105.38'
CURVE 2 DATA ESSEX WAY
D = 07°38'21.97"
Δ = 52°55'10.27"
R = 750.00'
L = 692.71'
T = 373.28'
CURVE C-2 DATA, EW
D = 16°22'12.80"
Δ = 32°30'35.00"
R = 350.00'
L = 198.59'
T = 102.05'
VT. PLANE GRID
APPROACH RAILING (2 RAIL ALUMINUM)
ESSEX WAY STA 29+10, RT - ESSEX WAY STA 29+37, RT 27 L.F
ESSEX WAY STA 31+73, RT - ESSEX WAY STA 32+00, RT 27 L.F
NOTE: FOR DETAILS OF APPROACH RAILING (2 RAIL ALUMINUM) BRIDGE PLANS.
4' HIGH WOVEN WIRE FENCE
RTE 289 STA 555+00, 100' RT - ESSEX WAY RAMP A STA 7+50, 45' RT
ESSEX WAY RAMP A STA 7+50, 45' RT - ESSEX WAY STA 34+00, 70' RT
ESSEX WAY RAMP B STA 1+78, 50' RT - ESSEX WAY RAMP B 4+30, 75' RT
ESSEX WAY RAMP B STA 4+30, 75' RT - ESSEX WAY RAMP B 7+13, 87' RT
ESSEX WAY RAMP B STA 7+13, 87' RT - RTE 289 STA 572+72, 195' RT
LANG, JOHN H. & NANCY R.
SAYBROOK HOMEOWNERS ASSOCIATION INC.
STA 12+42 LT TO STA 12+45 RT
NEW 18" x 48' RCP CLASS III W/R.C. END SECTION, 3' x 6' OUTLET PAD, TYPE I STONE FILL
STA 1+70 RT TO STA 1+80 LT
NEW 18" x 76' OPTION PIPE
STA 29+32 RT TO STA 561+95 LT
NEW 12" x 28' OPTION PIPE
STA 3+50 RT TO STA 9+25 RT
NEW 6" x 576' UNDERDRAIN W/FLUSHING BASIN @ STA 3+50
555+50
140' LT.
CONST. EASE. (T)
(352')
465'
RAMP D
S 89°35'37.08" W
10' UTILITY EASEMENT TOWN OF ESSEX
TOWN OF ESSEX
(526')
(407')
(188')
129'
RP "D" 1+00 75' RT
RP "D" 3+00 75" RT
RP "C" 11+24 27' RT
RP "C" 9+72 61' RT
RP "A" 7+50 45' RT
RP "B" 7+15 89' RT
ESSEX WAY 30+33 47' RT
ESSEX WAY 34+00 70' RT.
BEGIN LIMITED ACCESS
ESSEX WAY 36+00 60' RT.
END LIMITED ACCESS
ESSEX WAY 36+00 50' LT.
555+00 100' RT.
36+00 44' RT.
36+00 22' LT.
568'
119'
189'
255'
339'
1116'
275'
405'
155'
120'
57'
435'
LTH. ASSOCIATES
LANG
(LOSS OF ACCESS)
ROUTE 289
VERMONT
ESSEX WAY
RAMP A
RAMP B
RAMP C
RAMP D
BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD. G-14)
CONSTRUCT SPECIAL DITCH 58' x 4' WIDE W/ TYPE I STONE FILL
CONSTRUCT SPECIAL DITCH 4' WIDE
CONSTRUCT 20'-24" SLEEVES FOR UTILITIES
RELOCATE HYDRANT
GUARD RAIL APPROACH SECTION TYPE II (SEE STD. SB-R4B-82)
ANCHOR FOR STEEL BEAM GUARD RAIL (SEE STD G-1D)
CONSTRUCT 275'-12" DI CLASS 52 CEMENT LINED INSULATED WATER PIPE
CONSTRUCT 150'-12" DI CLASS 52 CEMENT LINED WATER PIPE
STA 565+00 RT TO STA 568+00 RT
NEW 18" x 86' RCP CLASS III 85-HB-12C LT
STA 568+00 RT TO STA 571+00 RT
NEW 6" x 300' UNDERDRAIN W/CAP END
STA 568+00 RT TO STA 571+00 RT
NEW 18" x 300' OPTION PIPE
STA 565+00 RT TO STA 568+00 RT
NEW 18" x 300' OPTION PIPE
STA 565+00 RT TO STA 568+00 RT
NEW 6" x 300' UNDERDRAIN W/CAP END
STA 562+00 RT TO STA 565+00 RT
NEW 6" x 300' UNDERDRAIN W/CAP END
STA 562+00 RT TO STA 565+00 RT
NEW 18" x 300' OPTION PIPE
STA 3+00 RT TO STA 10+50 RT
NEW 6" x 350' UNDERDRAIN W/CAP END
STA 3+71 RT TO STA 7+00 RT
NEW 6" x 326' UNDERDRAIN W/CAP END
STA 3+00 RT TO STA 10+50 RT
NEW 6" x 754' UNDERDRAIN W/CAP END
STA 556+50 RT TO STA 562+00 RT
NEW 6" x 550' UNDERDRAIN W/CAP END
STA 0+60 RT TO STA 5+00 RT
NEW 6" x 446' UNDERDRAIN W/FLUSHING BASIN @ STA 5+00
STA 556+50 RT TO STA 562+00 RT
NEW 6" x 550' UNDERDRAIN W/CAP END
STA 562+00 LT TO STA 562+00 LT
NEW 18" x 56' RCP CLASS III
STA 561+95 LT TO STA 561+95 LT
STA 32+00 RT TO STA 32+65 RT
NEW 18" x 70' RCP CLASS III
STA 8+27 LT TO STA 8+31 RT
NEW 18" x 70' RCP CLASS III WITH END SECTION 3' x 6' OUTLET PAD, TYPE I STONE FILL
STA 32+00 LT TO STA 33+50 LT
CONSTRUCT 150'-12" DI CLASS 52 CEMENT LINED WATER PIPE
STA 3+00 RT TO STA 5+50 RT
NEW 6" x 754' UNDERDRAIN W/CAP END
CAST IN PLACE CEMENT CONCRETE CURB, TYPE B
ESSEX WAY NB STA 31+35 RT - STA 32+12 RT, 87'
ESSEX WAY NB STA 31+60 LT - STA 32+05 LT, 57'
ESSEX WAY NB STA 35+24 LT - STA 36+00 LT, 76'
ESSEX WAY NB STA 26+00 RT - RAMP D STA 1+48 LT, 78'
ESSEX WAY NB STA 26+00 LT - STA 26+78 LT, 78'
ESSEX WAY NB STA 28+85 LT - STA 29+53 LT, 78'
ESSEX WAY NB STA 28+82 RT - ESSEX WAY STA 29+76 RT, 112'
ESSEX WAY NB STA 36+00 RT - RAMP A STA 8+46 RT, 278'
GRANITE SLOPE EDGING
ESSEX WAY NB STA 28+00 ISLAND
ESSEX WAY NB STA 27+08 RT - STA 28+00 RT, 304' MEDIAN ISLAND
ESSEX WAY NB STA 32+65 ISLAND RT, 122'
ESSEX WAY NB STA 32+35 RT - STA 34+45 RT, 412' MEDIAN ISLAND
STEEL BEAM GUARD RAIL
RAMP A STA 4+50, LT - RAMP A STA 6+50, LT 200 L.F
RAMP A STA 8+54, LT - ESSEX WAY STA 32+00, RT 15 L.F
RAMP B STA 2+67, LT - RAMP B STA 2+92, LT 25 L.F
RAMP C STA 6+50, LT - RAMP C STA 9+50, LT 300 L.F
RAMP D STA 1+48, LT - ESSEX WAY STA 29+10, RT 40 L.F
CURVE 5 DATA ESSEX WAY SB
D = 05°43'46.00"
Δ = 24°09'35.00"
R = 1000.00'
L = 421.67'
T = 214.01'
REMOVAL OF EXISTING FENCE
RTE 289 STA 550+26, LT - ESSEX WAY RAMP A STA 3+25, RT
ESSEX WAY RAMP C STA 9+45, RT - ESSEX WAY STA 26+40, LT
6' HIGH CHAIN LINK FENCE
RTE 289 STA 551+97, 129' LT - RTE 289 STA 555+50, 140' LT
RTE 289 STA 555+50, 140' LT - ESSEX WAY RAMP D STA 3+00, 75' RT
ESSEX WAY RAMP D STA 3+00, 75' LT - ESSEX WAY RAMP D STA 1+00, 75' RT
ESSEX WAY RAMP C STA 13+00, 100' RT - ESSEX WAY RAMP C STA 11+24, 27' RT
ESSEX WAY RAMP C STA 11+24, 27' RT - ESSEX WAY RAMP C STA 9+72, 61' RT
ESSEX WAY RAMP C STA 9+72, 61' RT - RTE 289 STA 569+50, 270' LT
SPIRAL DATA CURVE # 2
D = 2°0'
θs = 1.50°
Ls = 150.00'
p = 0.33'
K = 75.00'
X = 149.99'
Y = 1.31'
LT = 100.00'
ST = 50.00'
Lc = 149.99'
CURVE #2 DATA RTE 289
D = 2°0'
R = 2864.79'
Δ = 35°11'53.04"
Δc = 32°11'53.04"
T = 826.83'
Ts = 983.83'
Es = 141.06'
L = 1609.90'
Ls = 150'
REVISED CURVE B-1 DATA, EW
D = 22°55'05.92"
Δ = 48°37'26.04"
R = 250.00'
L = 212.16'
T = 112.94'
REVISED CURVE B-2 DATA, EW
D = 03°49'10.99"
Δ = 07°49'50.38"
R = 1500.00'
L = 205.01'
T = 102.66'
REVISED CURVE B-5 DATA, EW
D = 02°51'53.24"
Δ = 04°33'55.34"
R = 2000.00'
L = 159.36'
T = 79.72'
DATUM
VERTICAL
HORIZONTAL
R. O. W. PLANS
SURVEYED BY PINKHAM ENG DATE 1/86
DRAWN BY D.R.O. DATE 10/88
TRACED BY N.P.D. DATE 10/88
VERMONT ROUTE 289 (F.A.P.)
TOWN OF ESSEX
PROJ. WILLISTON-COLCHESTER NO. PB 033-1(1)
SHEET 27 OF 55