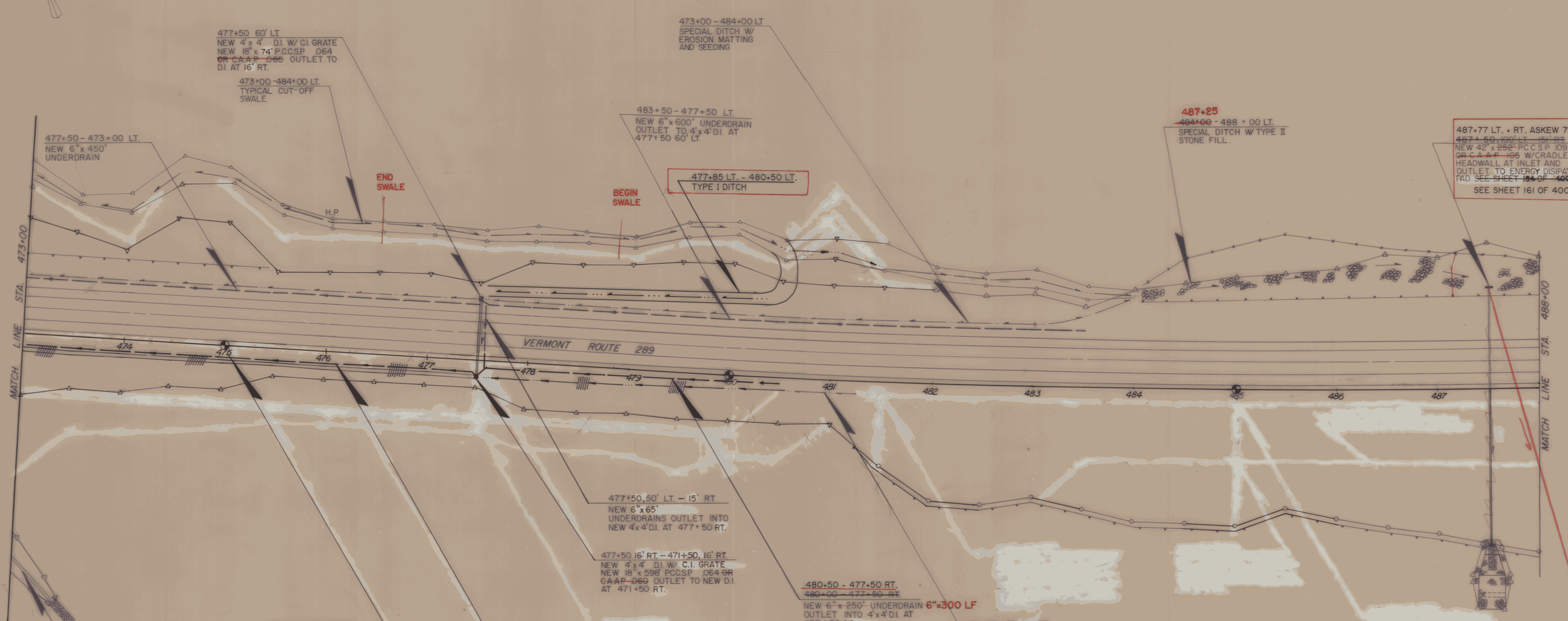
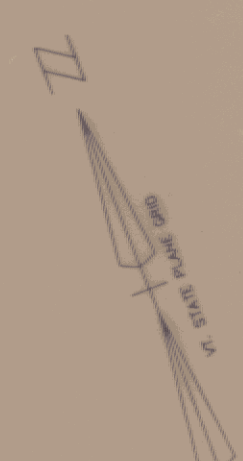




477+50 - 473+00 LT.
NEW 6"x450' UNDERDRAIN

477+50 60' LT.
NEW 4"x4" D.I. W/ C.I. GRATE
NEW 18"x74" P.C.C.S.P. 064
OR CA-P-066 OUTLET TO
D.I. AT 16' RT.

473+00 - 484+00 LT.
TYPICAL CUT-OFF
SWALE

473+00 - 484+00 LT.
SPECIAL DITCH W/
EROSION MATTING
AND SEEDING

483+50 - 477+50 LT.
NEW 6"x600' UNDERDRAIN
OUTLET TO 4"x4" D.I. AT
477+50 60' LT.

477+85 LT. - 480+50 LT.
TYPE I DITCH

487+25
484+00 - 488+00 LT.
SPECIAL DITCH W/ TYPE II
STONE FILL.

487+77 LT. - RT. ASKEW 74°
NEW 42"x252" P.C.C.S.P. 109 3204
OR CA-P-196 W/ CRADLE
HEADWALL AT INLET AND
OUTLET TO ENERGY DISSIPATION
PAD SEE SHEET 161 OF 400
SEE SHEET 161 OF 400

473+45 - 264' RT.
NEW 42" C.S.P.E.S. 109
OR CA-P.E.S. 106
W/ STONE FILL TYPE II
OUTLET PAD (6x14x2')

477+50 - 473+00 RT.
NEW 6"x450' UNDERDRAIN

477+50 50' LT. - 15' RT.
NEW 6"x65' UNDERDRAIN
OUTLET INTO
NEW 4"x4" D.I. AT 477+50 RT.

477+50 16' RT. - 471+50 16' RT.
NEW 4"x4" D.I. W/ C.I. GRATE
NEW 18"x598" P.C.C.S.P. 064 OR
CA-P-066 OUTLET TO NEW D.I.
AT 471+50 RT.

473+00 - 480+00 RT.
SPECIAL DITCH W/
EROSION MATTING
& SEEDING

480+50 - 477+50 RT.
NEW 6"x250' UNDERDRAIN
OUTLET INTO 4"x4" D.I. AT
477+50 RT.

480+00 - 481+25 RT.
SPECIAL DITCH W/
EROSION MATTING
& SEEDING

LEGEND

—> DIRECTION OF FLOW	■ DRAINAGE STRUCTURES
— SPECIAL DITCH WITH EROSION MATTING OR SOO LINING	● CAPPED OR COVERED DRAINAGE STRUCTURES
— STONE LINING	
— SILT FENCE	
— SECURITY FENCE	
— CULVERT	
— SPECIAL DITCH WITH STONE FILL	
— UNDERDRAIN/PERFORATED PIPE	
— FLUSHING BASIN	
— TEE CONNECTION	

SCALE IN FEET
0 50 100

AS BUILT 4/12/94 SC
5/4/94 JC

REVISED 2/28/91
DRAINAGE PLAN

SURVEYED BY VS, INC./C.H.A. DATE 1988-90
DRAWN BY T. KARIS DATE 2/89
TRACED BY V. HECHT DATE 2/89
VERMONT ROUTE 289 (FA R)
TOWN OF ESSEX
PROJ WILLISTON - NO. PB 033-1 (2)
SHEET 62 OF 400

DATUM

VERTICAL	N.G.V.D. 1929
HORIZONTAL	N.A.D. 1927