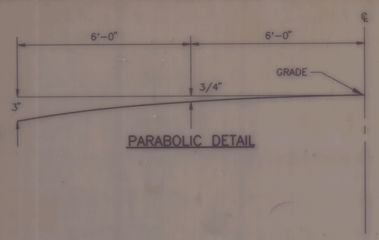
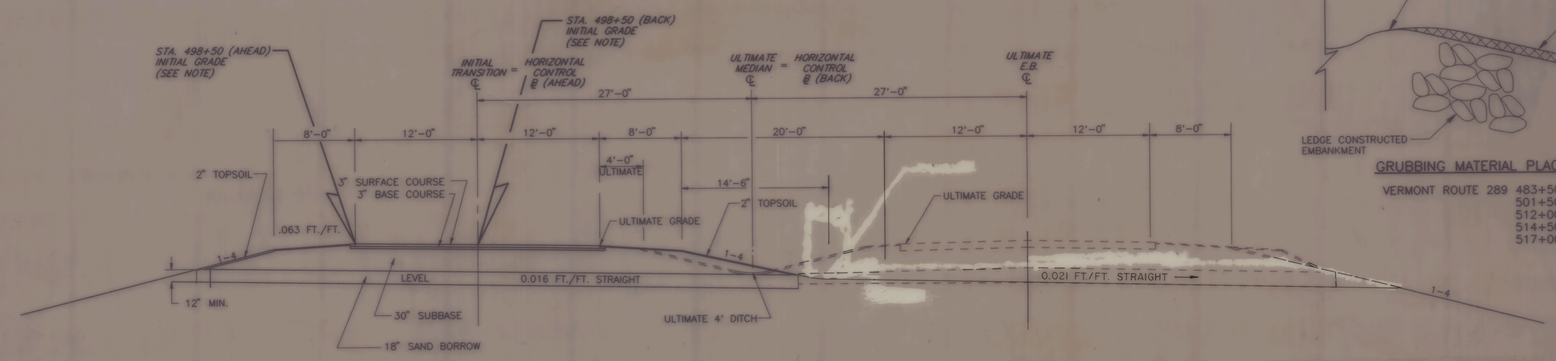
TYPICAL SECTIONS – MAINLINE
CHITTENDEN COUNTY CIRCUMFERENTIAL HIGHWAY

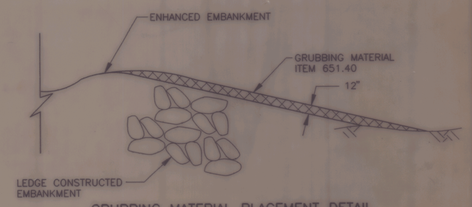


PARABOLIC DETAIL

		ITEM NUMBERS
PAVEMENT:	6" BITUMINOUS CONCRETE PAVEMENT 1-1/4" TYPE III WEARING COURSE 1-3/4" TYPE II BINDER COURSE 3" TYPE I BASE COURSE	406.25
SHOULDERS:	1-1/4" TYPE III WEARING COURSE	
ALTERNATE A / SHOWN BELOW	30" SUBBASE OF DENSE GRADED CRUSHED STONE	301.35
	18" SAND BORROW	203.31

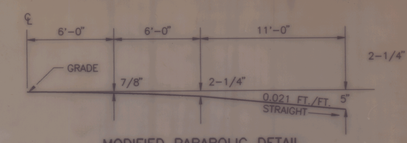
NOTE: ALL FROST SUSCEPTIBLE MATERIAL WITHIN 54" (DESIGN FROST DEPTH) OF FINISH GRADE SHALL BE REMOVED AND REPLACED AS SHOWN





GRUBBING MATERIAL PLACEMENT DETAIL

VERMONT ROUTE 289 483+50 – 492+00 RT.
501+50 – 512+00 RT./LT.
512+00 – 514+50 LT.
514+50 – 517+00 RT./LT.
517+00 – 518+50 LT.



MODIFIED PARABOLIC DETAIL

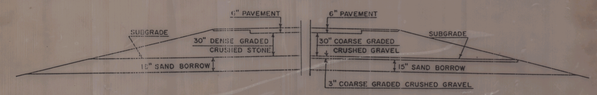
INITIAL SECTION

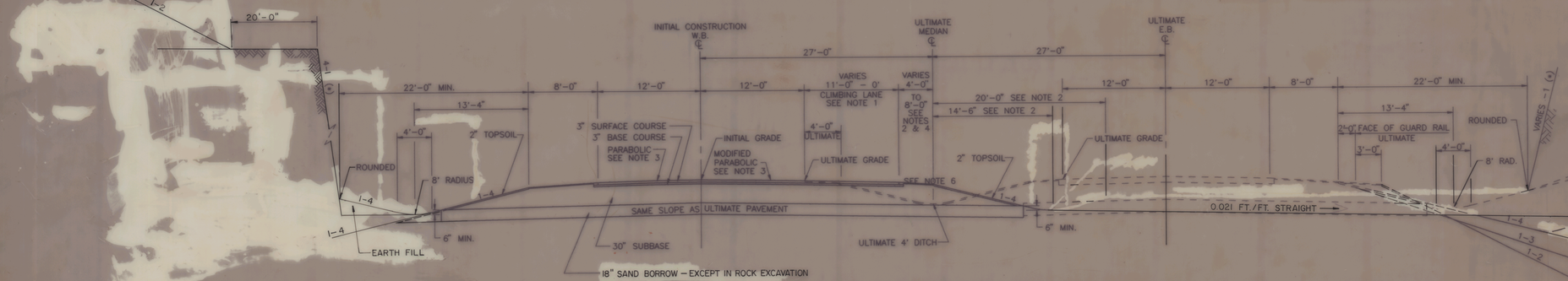
AT HORIZONTAL CONTROL ℄ EQUALITY STA. 501+17.98 (BACK) = T.S. #3 STA. 501+21.47 (AHEAD)

NOTE: AT STA 498+50 (BACK AND AHEAD) INITIAL GRADE (EL. 498.83) BACK, AT ℄ OF PAVEMENT SHIFTS 12' LEFT TO INITIAL GRADE (EL. 498.58) AHEAD, AT LEFT EDGE OF PAVEMENT CONTINUE VERTICAL CONTROL AT LEFT EDGE OF PAVEMENT.

AT STA. 501+17.98 (BACK) = T.S. #3 501+21.47 (AHEAD) HORIZONTAL CONTROL SHIFTS 27' LEFT FROM ULTIMATE MEDIAN ℄ TO ℄ OF PAVEMENT.

SUBBASE ALTERNATE DETAIL





INITIAL AND ULTIMATE NORMAL SECTION WITH INITIAL CLIMBING LANE TRANSITION

STA. 465+00 TO STA. 501+17.98 (BACK) = T.S. #3 STA. 501+21.47 (AHEAD)

NOTES: 1.) TRANSITION CLIMBING LANE FROM 11'–0" AT STA. 495+00 TO 0' AT STA. 500+50.
2.) TRANSITION SHOULDER FROM 4'–0" AT STA. 495+50 TO 8'–0" STA. 500+50. DITCH DIMENSIONS ARE LOCATED FROM INITIAL EDGE OF SHOULDER.
3.) TRANSITION FROM SUPERELEVATED SECITON TO NORMAL SECTION BETWEEN STA. 466+50 AND STA. 470+00.
4.) ALL SHOULDERS LESS THAN 8'–0" WIDE WILL BE BANKED THE SAME AS THE ADJOINING PAVEMENT UNLESS OTHERWISE NOTED.
5.) ENHANCED EMBANKMENT TO BE USED WHERE GUARD RAIL IS ELIMINATED. REFER TO TYPICAL SECTION FOR STA. 427+00 TO 443+00.

* ROCK SLOPES AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER (REFER TO STANDARD SHEET A-62) SLOPE HEIGHT MEASURED FROM SHOULDER POINT

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

REVISED SUBBASE 6-25-91 DLG
REVISED 2/28/91

BUILT AS DESIGNED 4/19/94
SC

SURVEYED BY _____ DATE _____
DRAWN BY SJS DATE 12/90
TRACED BY ATC DATE 12/90

VERMONT ROUTE 289 (F.A.P.)
TOWN OF ESSEX
PROJ. WILLISTON – COLCHESTER NO. PB 033-1(2)

SHEET 4 OF 400