



W.B. ON-RAMP CURVE DATA #1
 $\Delta = 06^\circ 58' 06''$ LT
 $D_c = 02^\circ 51' 24''$
 $R = 2000.00'$
 $T = 121.77'$
 $E = 3.70'$
 $L = 243.24'$
 $BANK = 0.037$ FT/FT

- NOTES:**
- FOR EMBANKMENT PROFILE SEE SHEETS G-4, G-5, G-6, G-7, & G-8
 - FOR EMBANKMENT CONSTRUCTION PROCEDURES SEE SHEET G-10
 - FOR TYPICAL EMBANKMENT CROSS SECTIONS SEE SHEET G-10 & G-11
 - FOR DETAILS OF INSTRUMENTATION SEE SHEET G-14
 - FOR VERTICAL DRAIN SPACING SEE SHEET G-13
 - REFER TO THE HORIZONTAL LAYOUT PLANS (SHEET 96) FOR CLEARING AND GRUBBING, ITEM 201.11, LIMITS AND FOR DEMOLITION AND DISPOSAL OF BUILDINGS, ITEM 202.10. FOUNDATION WALLS AND FLOOR SLABS ARE TO BE COMPLETELY REMOVED AFTER DEMOLITION OF STRUCTURES. SUITABLE BACKFILL, EXCLUDING LEDGE, SHALL BE USED TO FILL THE VOID BEFORE PLACEMENT OF DRAINAGE BLANKET.
 - DEMOLITION DEBRIS AND WASTE LOCATED AROUND STA 436+00 SHALL BE REMOVED TO THE FULL EXTENT, APPROXIMATELY ELEVATION 348.0 OR AS ORDERED BY THE ENGINEER. REFER TO HORIZONTAL LAYOUT PLANS (SHEET 96). EXCAVATED AREA TO BE SLOPED BACK OR FILLED WITH SUITABLE BACKFILL, EXCLUDING LEDGE, PRIOR TO PLACEMENT OF DRAINAGE BLANKET.
 - ALL NECESSARY SITE GRADING AND DRAINAGE REQUIRED TO FACILITATE MOVEMENT OF CONSTRUCTION EQUIPMENT TO INSTALL PREFABRICATED VERTICAL DRAINS SHALL BE PERFORMED PRIOR TO INSTALLATION OF GEOSYNTHETIC AND/OR DRAINAGE BLANKET. THE COST OF REQUIRED GRADING IS TO BE INCLUDED IN ITEM 650.10.

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

INSTRUMENTATION SCHEDULE

PIEZOMETERS (VIBRATING WIRE)				SENSOR APPROX. SENSOR ELEVATION DEPTH FROM O/G (FT)	
LABEL	LOCATION	STATION	OFFSET	(FT)	O/G (FT)
P-1	MAINLINE	436+00	0 CL	240	00
P-2	MAINLINE	436+00	0 CL	291	01
P-3 A	MAINLINE	436+20	30 LT	344	20
P-3 B	MAINLINE	436+20	20 LT	333	29
P-4	RAMP B	15+00	0 CL	336	06
P-5	RAMP B	15+00	0 CL	310	41
P-6	RAMP B	16+40	20 LT	322	23
P-12	RAMP D	21+75	10 LT	322	42
P-13	RAMP D	19+10	5 RT	331	20
P-14	RAMP D	18+10	5 RT	327	23
P-15 A	MAINLINE	440+50	25 LT	327	21
P-15 B	MAINLINE	440+50	35 LT	318	29
P-16	MAINLINE	440+50	25 RT	323	05
P-18 A	RAMP A	17+65	0 LT	325	24
P-18 B	RAMP A	17+65	10 LT	312	37
P-24	MAINLINE	436+20	25 RT	333	29

OBSERVATION WELLS				APPROX. ELEV. SCREENED INTERVAL (FT)	
LABEL	LOCATION	STATION	OFFSET	(FT)	(FT)
OB-1	MAINLINE	436+00	150 RT	335-317	
OB-2	RAMP B	15+75	135 RT	315-317	
OB-4	RAMP D	19+80	85 RT	330-332	
OB-5	MAINLINE	438+90	105 RT	315-317	

VIBRATING WIRE SETTLEMENT PLATFORMS TABLE II

LABEL	LOCATION	STATION	OFFSET
S-1	MAINLINE	436+00	0 CL
S-2	MAINLINE	436+00	0 CL
S-6	MAINLINE	436+30	0 CL
S-10	RAMP B	15+00	0 CL
S-11	RAMP B	16+50	20 LT
S-24	RAMP D	20+30	20 LT
S-26	RAMP D	19+15	20 LT
S-29	MAINLINE	440+20	0 CL
S-31	MAINLINE	438+75	0 CL
S-32	MAINLINE	441+40	0 CL
S-33	RAMP A	17+50	0 CL
S-35	RAMP A	19+00	20 LT

TYPE I SETTLEMENT PLATFORMS

LABEL	LOCATION	STATION	OFFSET
S-4	MAINLINE	434+80	0 CL
S-7	MAINLINE	436+05	50 LT
S-8	MAINLINE	436+35	45 RT
S-9	MAINLINE	437+35	0 CL
S-22	RAMP D	21+75	20 LT
S-27	RAMP D	18+00	10 LT
S-28	MAINLINE	440+15	45 LT
S-30	MAINLINE	440+25	45 LT

LEGEND

- FIELD CONTROL STATION 6
- LOCATION OF SETTLEMENT PLATFORM 12
- LOCATION OF SETTLEMENT PLATFORM TYPE I 8
- LOCATION OF INCLINOMETER 8
- LOCATION OF PIEZOMETER 16
- LOCATION OF TEST BORINGS (BB-## BRIDGE BORING NUMBER) (HB-## HIGHWAY BORING NUMBER) N 736,500
- LOCATION OF OBSERVATION WELL 4
- LIMIT OF PREFABRICATED VERTICAL DRAIN TREATMENT
- LIMIT OF GEOSYNTHETIC

INCLINOMETERS

LABEL	LOCATION	STATION	OFFSET
I-2	MAINLINE	431+40	125 RT
I-3	RAMP B	12+85	120 RT
I-4	RAMP B	15+00	130 RT
I-5	RAMP B	15+15	120 LT
I-6	RAMP B	16+90	100 LT
I-9	RAMP A	438+30	70 LT
I-10	RAMP A	19+45	95 RT
I-12	RAMP D	18+30	125 RT

FIELD CONTROL STATION SCHEDULE

F.C. #	LOCATION	STA	OFFSET	SERVING INSTRUMENTS
FC-1	MAINLINE	431+00	180 RT	P-1, P-2, S-1, S-2
FC-2	RAMP D	21+80	75 RT	P-3A, P-3B, P-12, P-24, S-6
FC-3	RAMP D	19+15	110 RT	P-13, P-14, S-24, S-26, S-31
FC-4	RAMP D	16+65	85 RT	P-15A, P-15B, P-16, S-29, S-32
FC-5	RAMP B	14+70	145 RT	P-4, P-5, P-6, S-10, S-11
FC-6	RAMP A	18+00	145 RT	P-18A, P-18B, S-33, S-35

REVISED 3/28/91

BORING LOCATION, INSTRUMENTATION AND PVD LAYOUT

SURVEYED BY VS, INC./CHA DATE 1988-90
 DRAWN BY W. PETERSON DATE 9/90
 TRACED BY J. LUKOVITS DATE 1/89

VERMONT ROUTE 289 (FA P)
 TOWN OF ESSEX

PROJ. WILLISTON - NO. PB 033-1 (2)
 GEO. COLCHESTER

SHEET G-1 OF G-14 SH. 116 OF 400

F.C. MODIFICATION	J.B.	12/21/90
NO.	REVISION	BY DATE