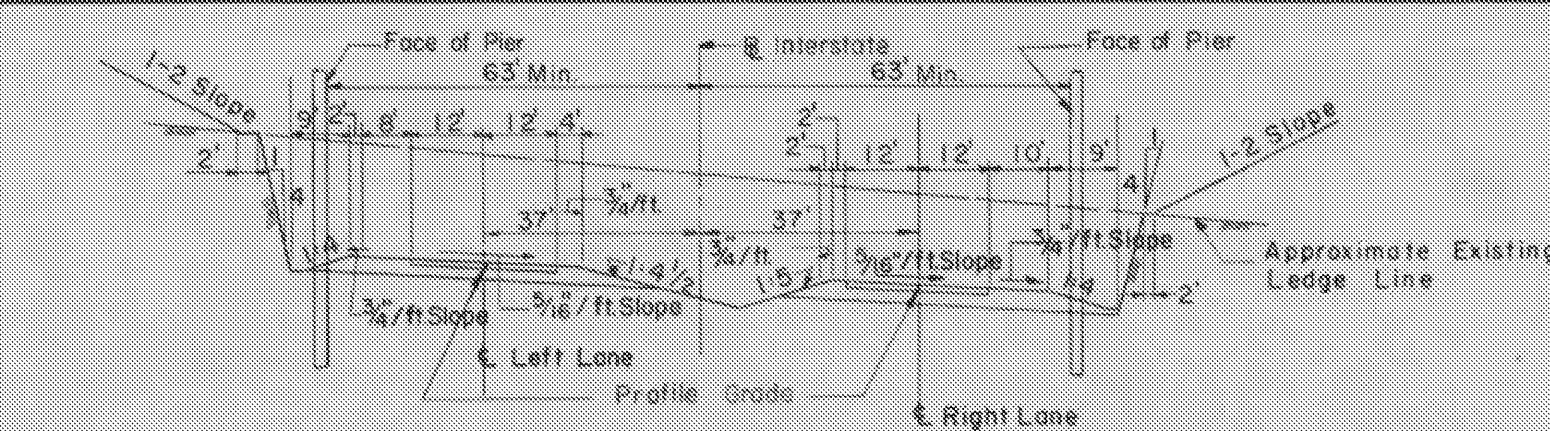
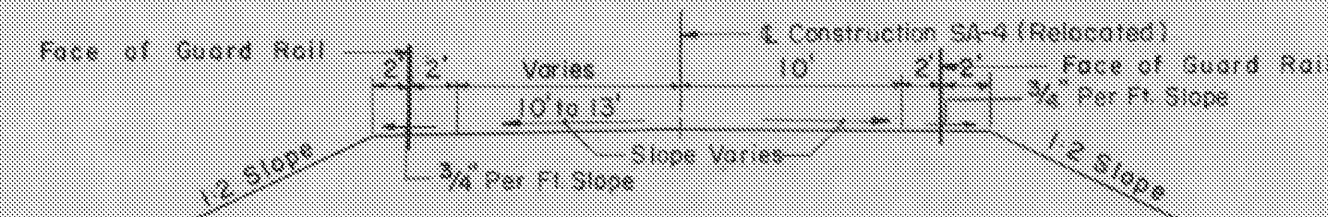




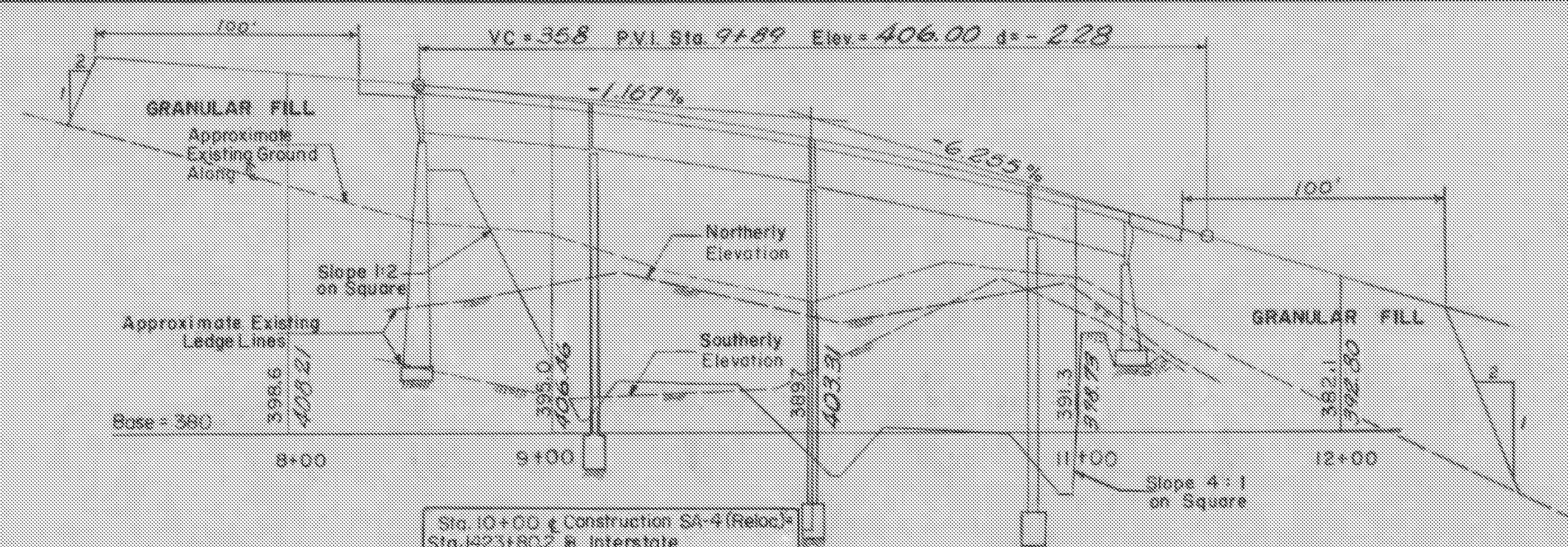
NEW HIGHWAY SECT. STA. 1422+00 TO STA. 1426+00

SCALE: 1" = 30'-0"



NEW HIGHWAY SECT. STA. 8+00 TO STA. 12+18.7

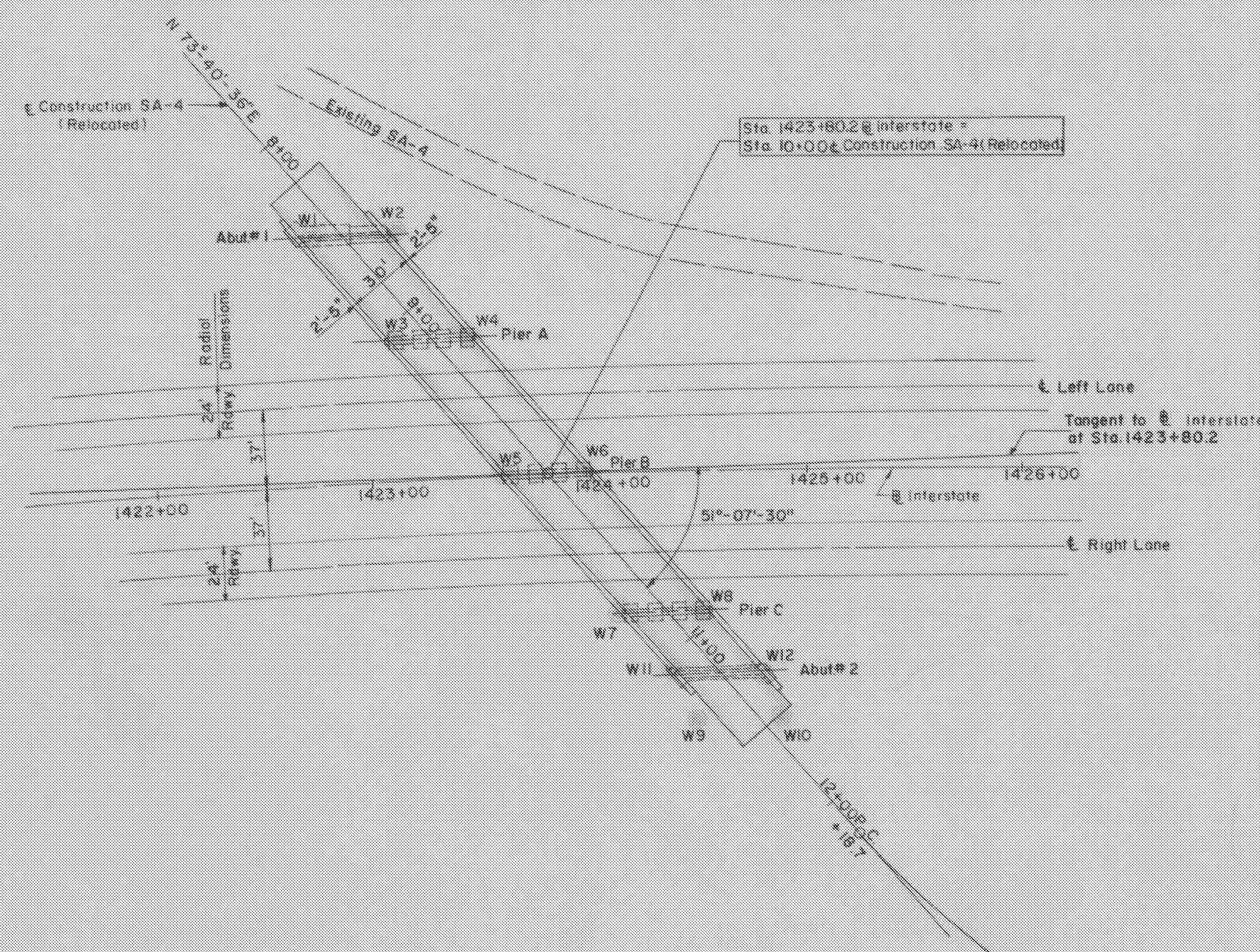
SCALE: 1/8" = 1'-0"



NEW HIGHWAY PROFILE ALONG SA-4 (RELOCATED)

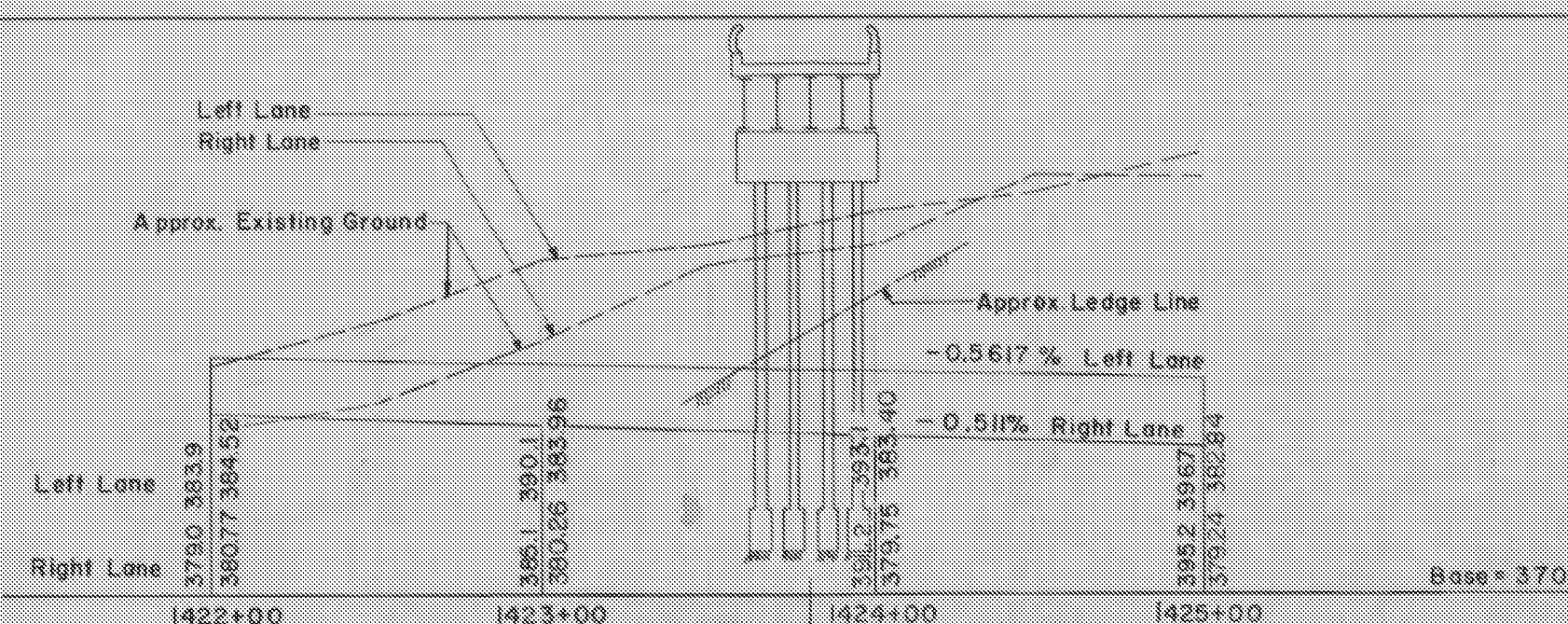
SCALE: Hor. 1" = 50'-0" Vert. 1" = 10'-0"

CURVE DATA (Interstate)
 $\Delta = 22^\circ 30' 00''$ Rt.
 $D = 1409' 00''$
 $R = 5729.65'$
 $T = 1139.7'$
 $L = 2250.0'$
 $E = 112.2'$
 $\text{Bank} = \frac{3}{16}" \text{ Per Ft.}$



Note: Location of Wash Borings indicated thus (W2)

PLAN
SCALE: 1" = 50'-0"



PROFILE OF PROPOSED INTERSTATE

SCALE: Hor. 1" = 50'-0" Vert. 1" = 10'-0"

STATEWIDE - SOUTHEAST
REGION
BHF MEMB(21)

SHEET 25 OF 34
BRIDGE D19
FOR REFERENCE ONLY

HIGHWAY NO.	SA-4 (Relocated)	NAME OF HIGHWAY	Interstate	B.P.R. DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
STRUCTURE NO.		COUNTY	Windham	VT.	I 91-1(17)	209	555	
PROJECT NO.	I 91-1(17)	LOCATION	Sta. 1423+80.2					

FOUNDATION INFORMATION

OBTAINED FOR DESIGN PURPOSES ONLY, AND THE STATE ASSUMES NO RESPONSIBILITY WHATSOEVER FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN. BOULDERS MAY BE ENCOUNTERED AT ANY PIER OR ABUTMENT LOCATION. FOR BORING LOGS SEE SHEET NO. 210

GENERAL NOTES

DESIGN SPECIFICATIONS:
AASHTO: 1953 Edition and as modified by Vermont Dept. of Highways.

LIVE LOAD
H20-44

DESIGN STRESSES
Structural steel $f_s = 18,000$ psi.
Reinforcing steel $f_s = 20,000$ psi.
Concrete $f_c = 1,200$ psi for $f'_c = 3,000$ p.s.i.

CLEARANCE
Horizontal: As shown on drawings
Vertical: 16'-6"

SUPERSTRUCTURE
30' Roadway, 1'-6" Safety Walks, as per SCB-30-56
4 Simple spans, rolled beams, composite designs similar to SCB-30-56
Aluminum bridge railing, or galvanized bridge railing, and granite bridge curb as per SCB-50-60 as indicated in General Specifications
Bearing and diaphragm connections as per SB-20-56
Approach slabs as per SB-AS-45° Skew 57
SUBSTRUCTURE
Open piers, round columns spaced 11'-0" o.c.
Stub Abutments

FOUNDATIONS:
Piers: Individual footings on ledge
Abutments: Footing on Ledge

LIST OF SHEETS

SHEET NO.	DESCRIPTION
35	GENERAL PLAN
36	BORINGS
37	PLAN & ELEVATION
38	ABUTMENTS NO. 1 AND 2
39	APPROACH SLABS
40	PIERS A, B, AND C
41	STRUCTURAL STEEL PLAN AND DETAILS
42	REINFORCING SCHEDULE
43	REINFORCING SCHEDULE
44-23	INTERSTATE PLAN & PROFILE
115-116	INTERSTATE CROSS SECTIONS
140-141	SA-4 (Rel.) CROSS SECTIONS
63	SB-AS-45° SKEW 57
64-65	SB-50-60 (1 & 2)
66	SB-20-56
67	SB-22-56
68-69	SCB-30-56 (1 & 2)

STAGE I CONSTRUCTION GENERAL PLAN STATE OF VERMONT DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the town of	WESTMINSTER
INTERSTATE	STA. 1423+80.2
UNDER	
SA-4 (RELOCATED)	STA. 10+00
APPROVED BY	M. A. Henderson DATE 2-10-59
THE CLARKSON ENGINEERING CO., INC.	CONSULTING ENGINEERS
BOSTON	MASSACHUSETTS
SURVEYED BY	SCALE AS NOTED
DRAWN BY	DATE 12/5/57
PROJECT NO. I 91-1(17)	SHEET 25 OF 173

CONTRACT NO. 135