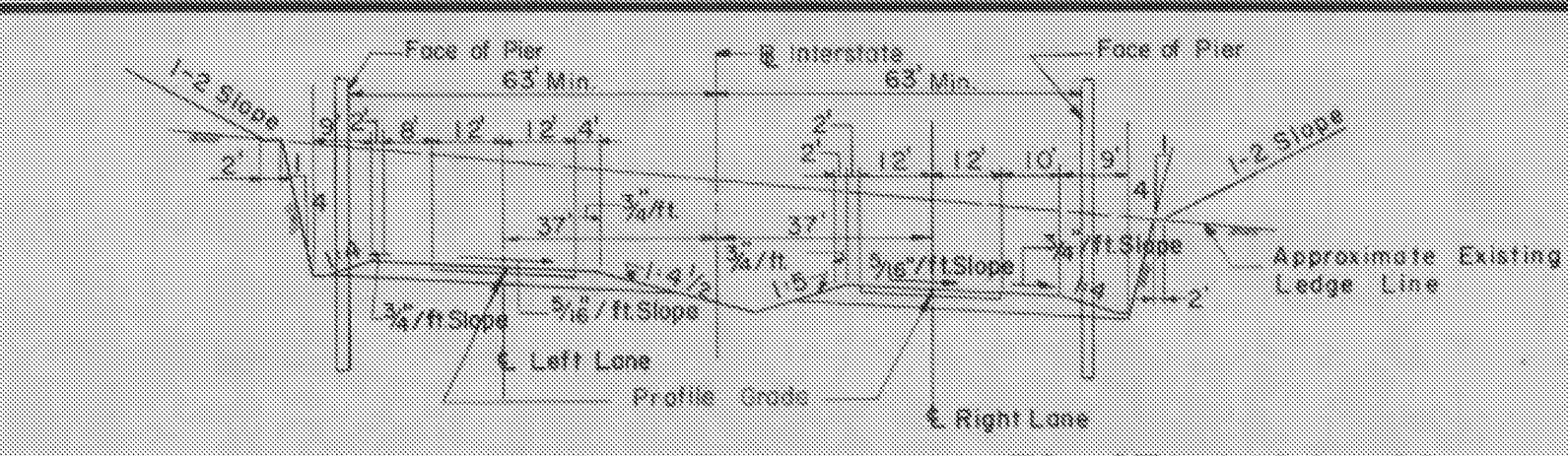
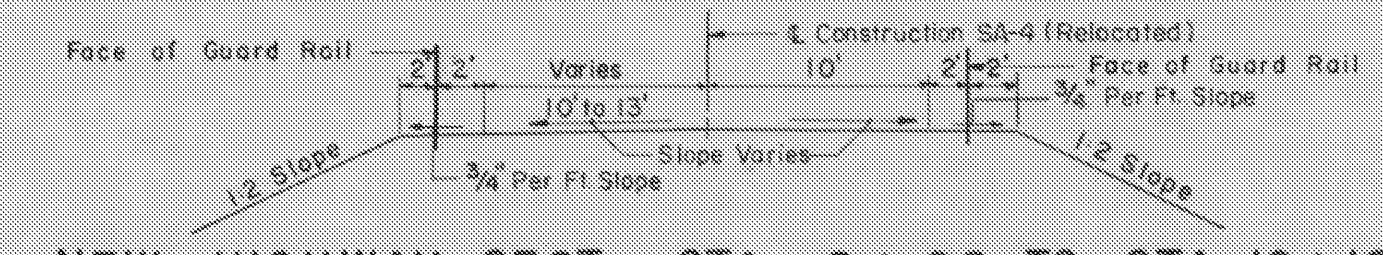


B. P. R.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
I	VT.	I 91-1(17)	209	555

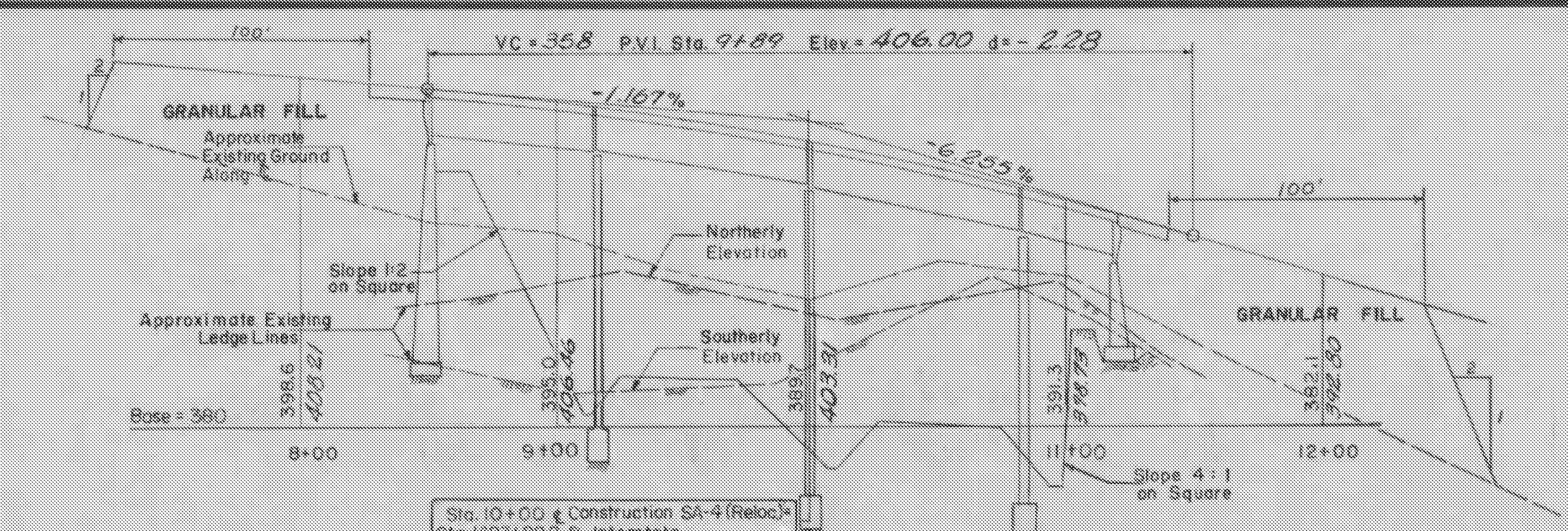
HIGHWAY NO. SA-4 (Relocated) NAME OF HIGHWAY Interstate
 STRUCTURE NO. COUNTY Windham TOWN Westminster
 PROJECT NO. I 91-1(17) LOCATION Sta. 1423+80.2



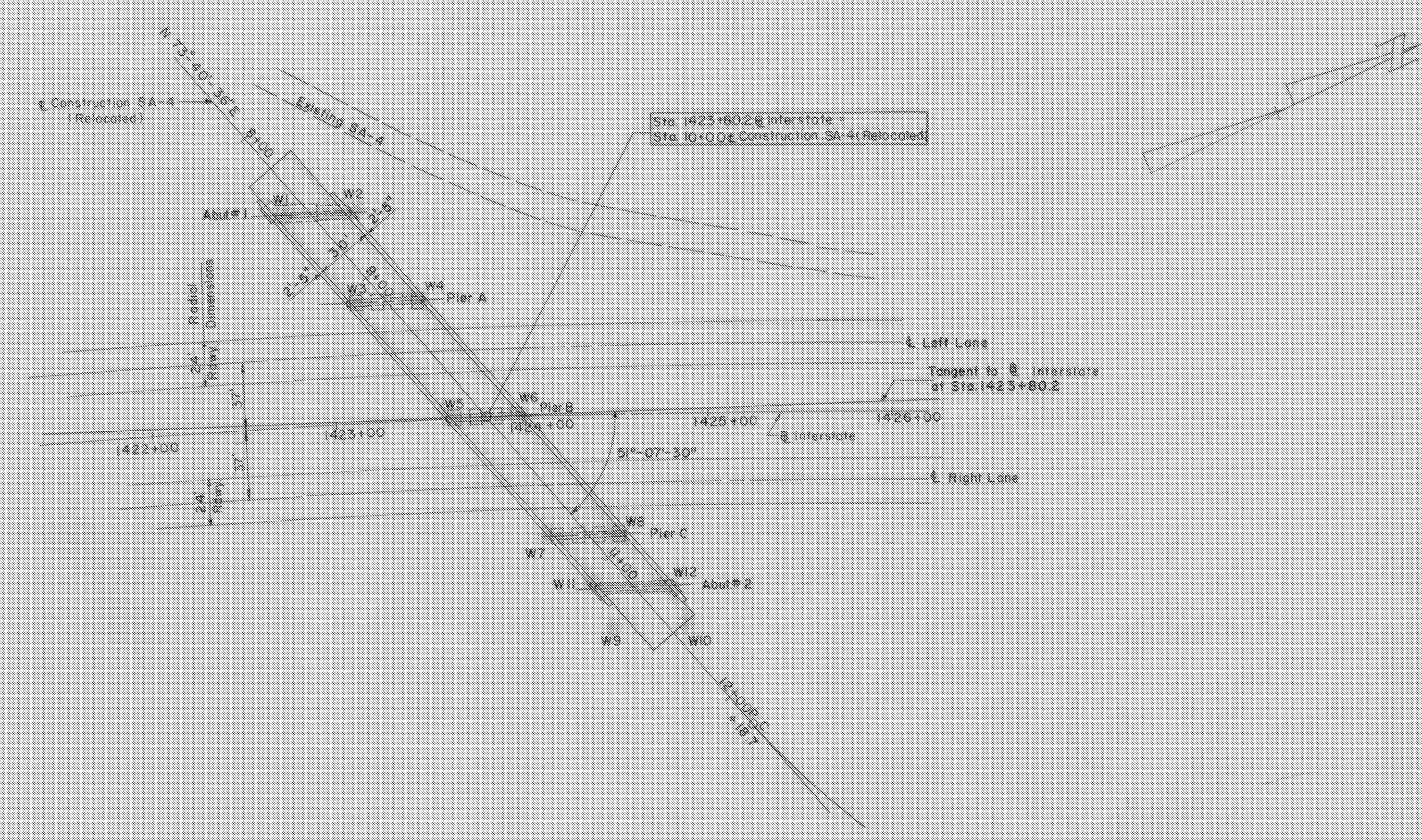
NEW HIGHWAY SECT. STA. 1422+00 TO STA. 1426+00
 SCALE: 1" = 30'-0"



NEW HIGHWAY SECT. STA. 8+00 TO STA. 12+18.7
 SCALE: 1/2" = 1'-0"



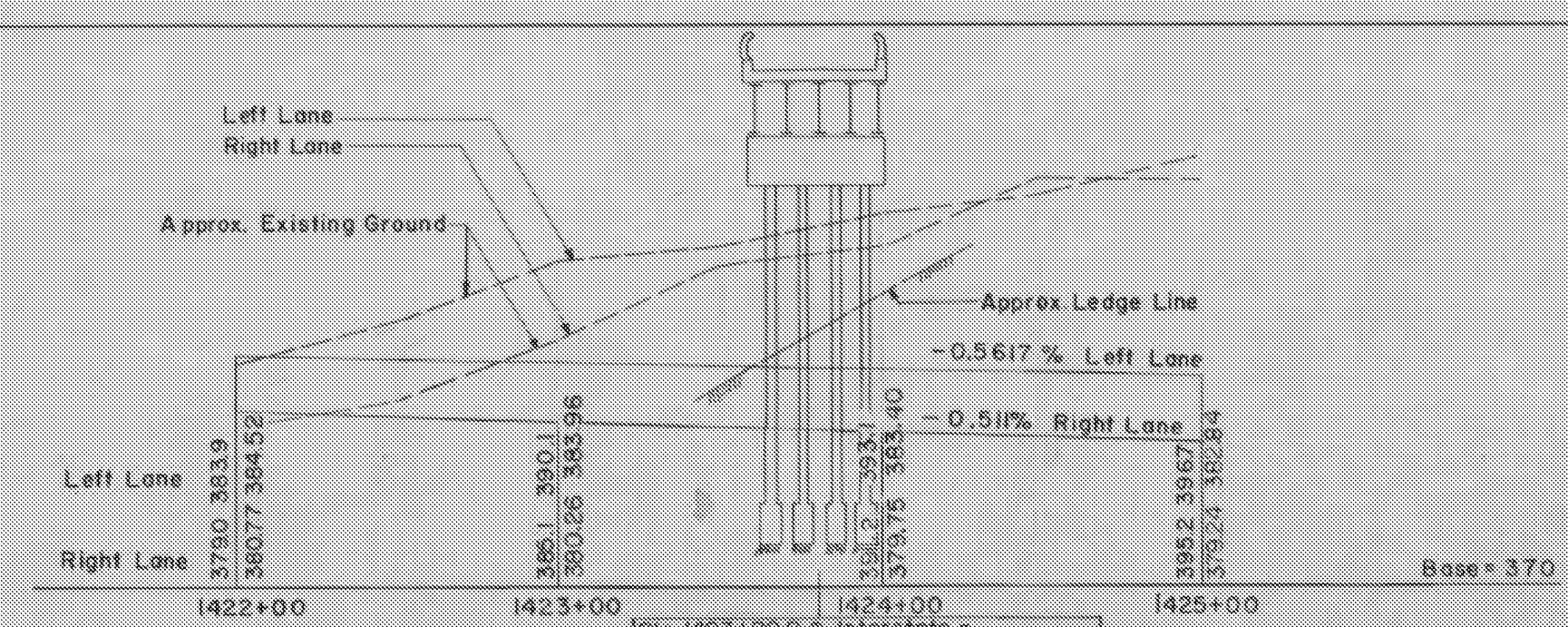
NEW HIGHWAY PROFILE ALONG SA-4 (RELOCATED)
 SCALE: Hor. 1" = 50'-0", Vert. 1" = 10'-0"



CURVE DATA (Interstate)
 Δ = 22°-30'-00" Rt.
 D = 1°-00'-00"
 R = 5729.65'
 T = 1139.7'
 L = 2250.0'
 E = 112.2
 Bank = 3/16" 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"

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:
 AASHO: 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 $f_c = 3,000$ psi.
 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 SB-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

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	NET	OVER-RUN	TOTAL	FINAL
107	Structure Excavation	C.Y.	373	37	410	807
204	Sub-base of Crushed Rock (Mod.)	C.Y.	89	13	102	54
222	Gravel Backfill	C.Y.	115	37	152	136
361-B	Bituminous Concrete Pavement (Mod.)	Tons	126	19	145	*
401-B	Concrete Class B (Mod.)	C.Y.	739	37	776	930
402	Reinforcing Steel	Lbs.	1112	-	1112	116,304
403	Spiral Reinforcement (BOOGLB.)	L.S.	1	-	1	1
404-A	Structural Steel	Lbs.	353,078	7065	360,143	320,494
407	Asphaltic-Asbestos Coating	S.Y.	65	-	65	64
556-C	Granite Bridge Curb (Mod.)	L.F.	870	-	870	579
572	Bridge Railing	L.F.	525	-	525	525
318	TAR EMULSION FOR BR. FLR.	GAL.	443	-	443	*
372	Joint Sealer, Hot-poured Elastic Type	L.F.	193	-	193	*

* Included in Roadway Quantities

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
122-23	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: *Wm. A. Henderson* DATE 2-10-59
 THE CLARKESON ENGINEERING CO., INC.
 CONSULTING ENGINEERS
 BOSTON MASSACHUSETTS
 SURVEYED BY: S.A.L. CHECKED BY: J.V.B. SCALE AS NOTED
 DRAWN BY: S.A.L. IN CHARGE: J.V.B. DATE 12/6/57
 PROJECT NO. I 91-1(17) SHEET 209 OF 179

STATEWIDE - SOUTHEAST REGION
 BHF MEMB(21)
 SHEET 25 OF 34
 BRIDGE D19
 FOR REFERENCE ONLY