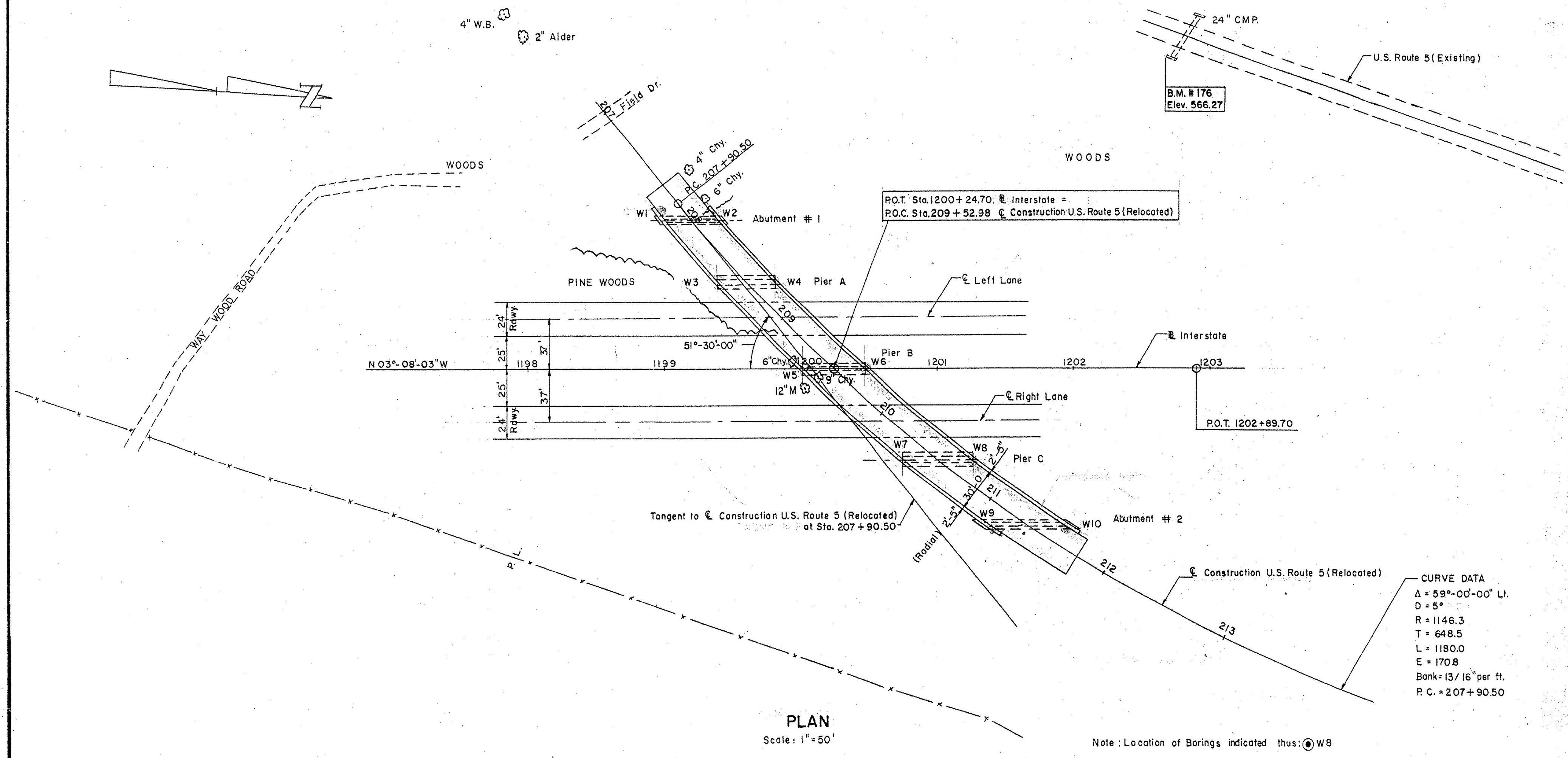
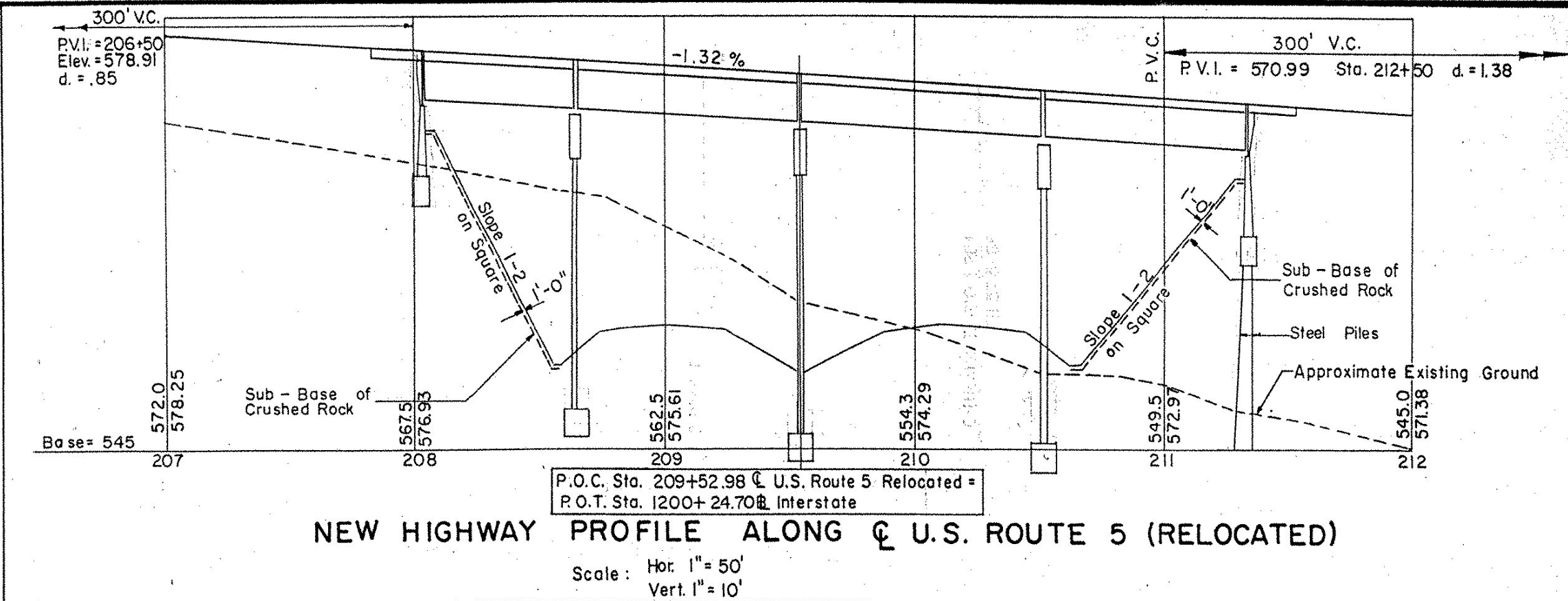
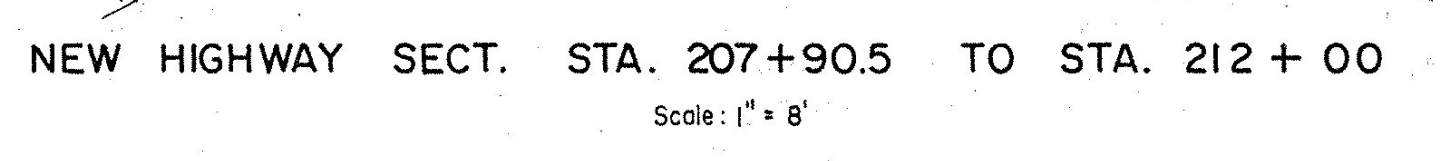
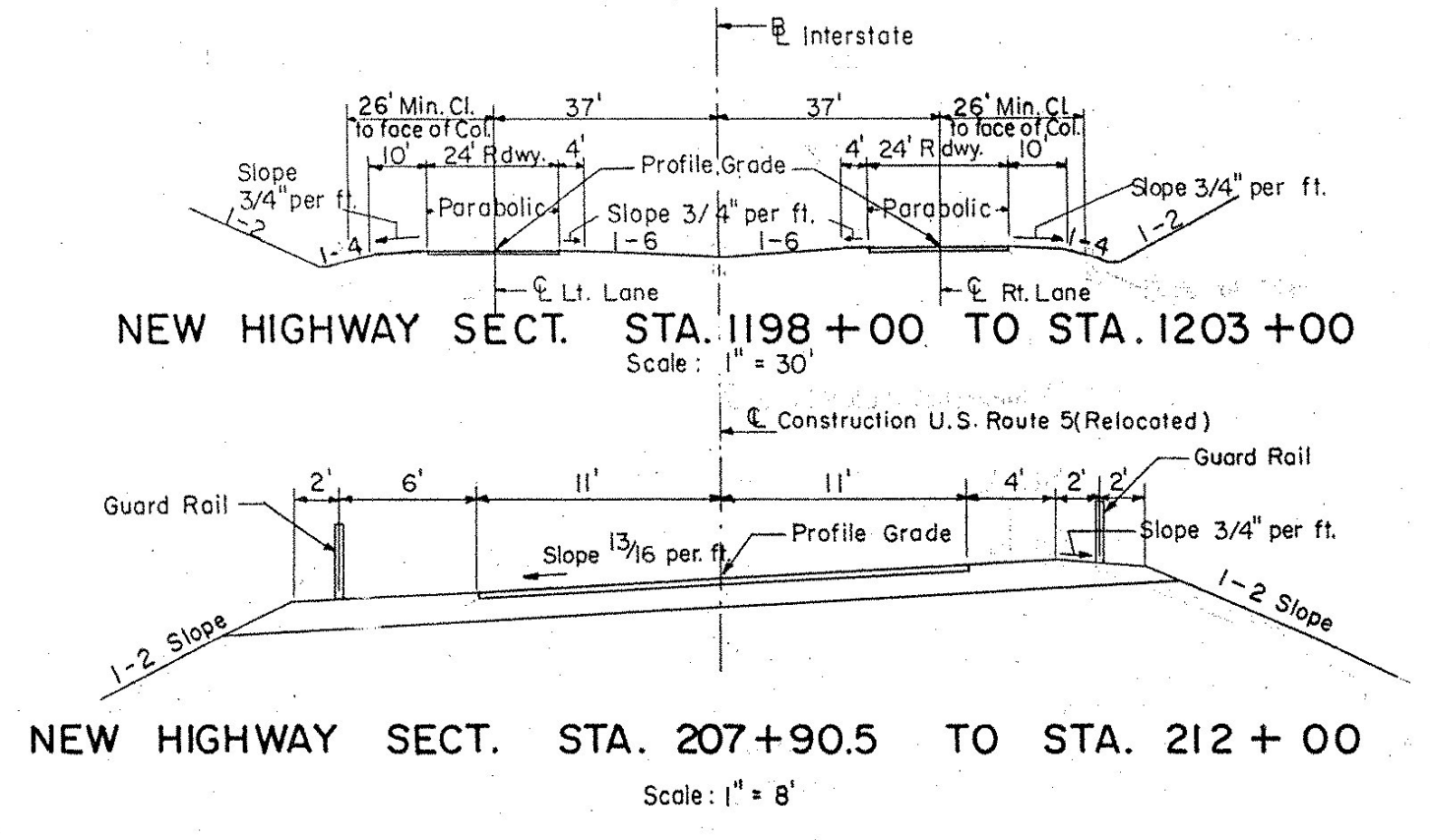


B. P. R. DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	Vt.	I 91-1(10)	121	328

HIGHWAY NO. Rt. 1 Sec. 1 (10) NAME OF HIGHWAY Interstate
STRUCTURE NO. 191-1(10) COUNTY Windham TOWN Putney
PROJECT NO. 191-1(10) LOCATION Sta. 1200+24.70



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. 121

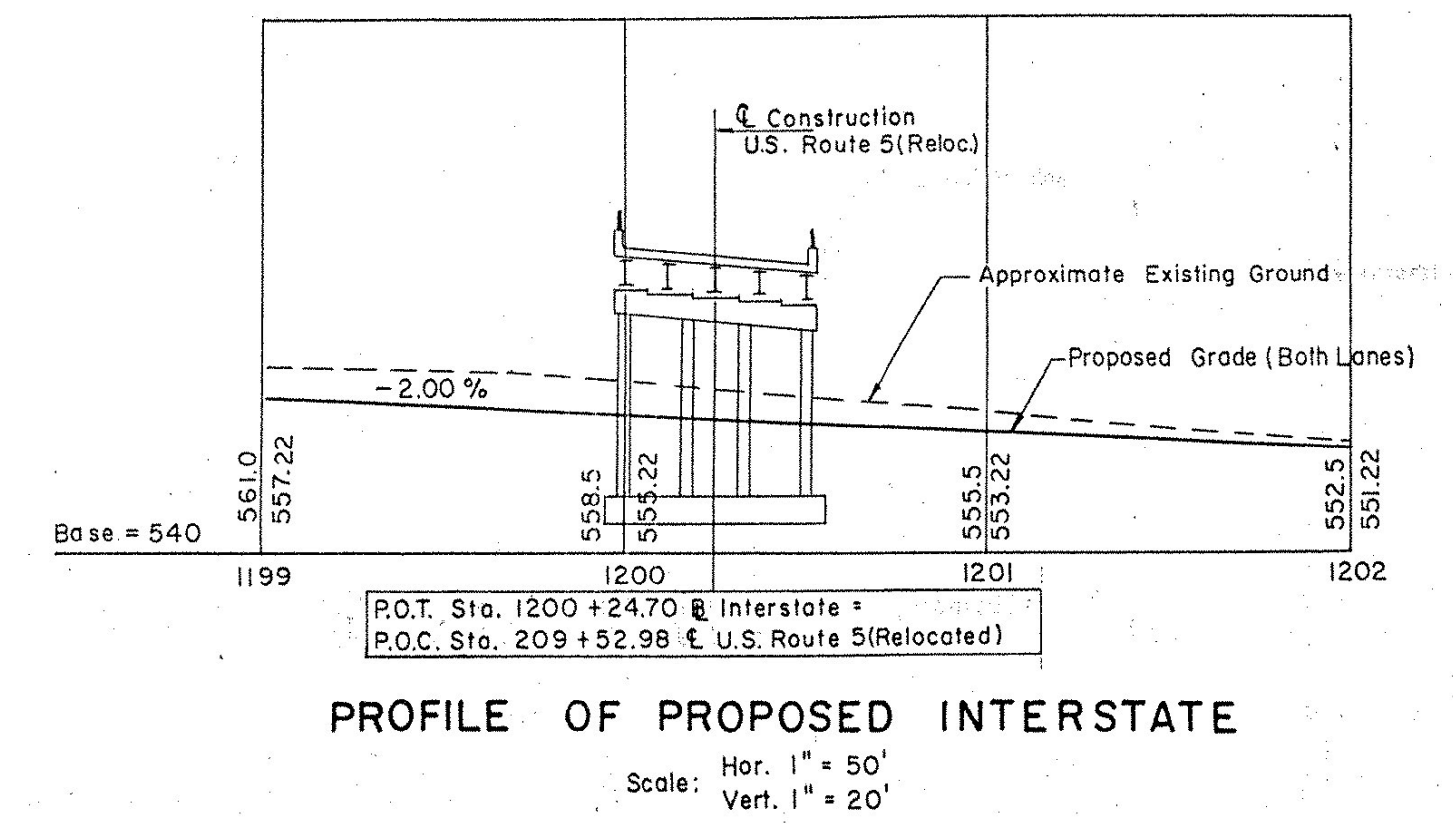
GENERAL NOTES

DESIGN SPECIFICATIONS:
AASHTO 1957 Edition and as modified by Vermont Dept. of Highways.
LIVE LOAD: H20-S16-44 and Military Loading.
DESIGN STRESSES:
Structural Steel $f_s = 18,000$ p.s.i.
Reinforcing Steel $f_s = 20,000$ p.s.i.
Concrete $f_c = 1,200$ p.s.i. for $f_c + 3,000$ p.s.i.
CLEARANCE:
Horizontal: as shown on drawings.
Vertical: $15'-3"$ (L.I. Lane Interstate).
16'-3"

SUPERSTRUCTURE:
30' Roadway, 1'-6" Safety Walks, as per SCB-30-56.
4 simple spans, rolled beams, composite design, similar to SCB-30-56, (64'-09'-99'-79" As Modified)
Aluminum bridge railing, or galvanized bridge railing, and granite bridge curb as per SB-56-57 (1 & 2).
Bearing and diaphragm connections as per SB-20-56.
Approach Slabs as per SB-AS-45* Skew-57. As Modified.

SUBSTRUCTURE:
Open piers, round columns, continuous footings.
Stub abutments.

FOUNDATIONS:
Piers: Spread Footings.
North Abutment: Steel Piles, 35 Ton Design Load.
South Abutment: Spread Footing.



SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	NET	OVER-RUN	TOTAL	FINAL
107	Structure Excavation	C.Y.	48	49	97	437
204	Sub-base of Crushed Rock (Mod.)	C.Y.	75	20	95	213
222	Gravel Backfill	C.Y.	70	20	90	159
361-B	Bit. Conc. Pavement (S.A. 5-22-61)	Tons	155	28	183	155
401-B	Concrete Class B (Mod.)	C.Y.	35	4	39	913
402	Reinforcing Steel	Lbs.	4,836	-	4,836	134,350
403	Spiral Reinforcement (5, 6, 8, 10 #1)	L.S.	1	1	2	1
404-A	Structural Steel	Lbs.	498,896	9,900	508,796	492,245
407	Asphaltic-Asbestos Coating	S.Y.	88	-	88	88
504	Steel Piling	L.F.	440	-	440	535
556-C	Granite Bridge Curb (Type 1)	L.F.	709	-	709	712
572	Bridge Railing (Mod.) (S.A. 9-14-60)	L.F.	648	-	648	648
501	Furnishing Equip. for Driving Piles	Required	-	-	-	1
503	Splices for Steel Piling	Lbs.	-	-	-	0
319	Tar Emulsion for Bridge Floors (Sup. Apr. 5-25-61)	Yd.	-	-	-	385
372	Joint Sealer, Hot Poured Elastic Type (Sup. Apr. 6-14-61)	Yd.	-	-	-	273

LIST OF SHEETS

SHEET NO.	DESCRIPTION
121	GENERAL PLAN
122	BORINGS
123	PLAN & ELEVATION
124	ABUTMENTS NO. 1 & 2
125	PIERS A, B & C
126	APPROACH SLABS
127	STRUCTURAL STEEL PLAN
128	STRUCTURAL DETAILS
129	REINFORCING SCHEDULE
130	PUTNEY - BRIDGE 19A
478	NH F019-1(15)
52A	
52	
53	
54	
57	

PUTNEY - BRIDGE 19A
NH F019-1(15)
SHEET NO. 70
FOR REFERENCE ONLY

IM 091-1(31)
This sheet for information only

BR 17 BRIDGE 17 GENERAL PLAN

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the town of
PUTNEY
INTERSTATE UNDER Sta. 1200+24.70
U.S. ROUTE 5 (REL.) Sta. 209+52.98

APPROVED BY *John Carson* DATE 7/24/58

THE CLARKESON ENGINEERING CO., INC.
CONSULTING ENGINEERS MASSACHUSETTS

BOSTON

SURVEYED BY *H.B.C.* CHECKED BY *D.B.* SCALE AS NOTED
DRAWN BY *J.V.B.* IN CHARGE DATE 10-25-57

PROJECT NO. I 91-1(10) SHEET 121 OF 328