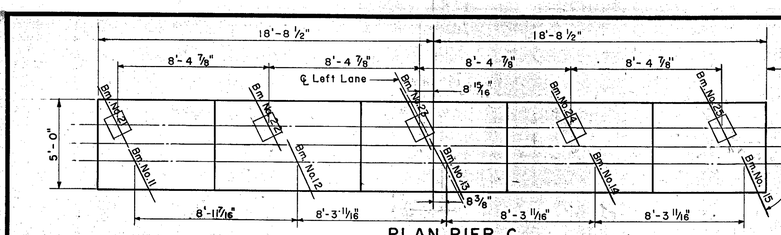
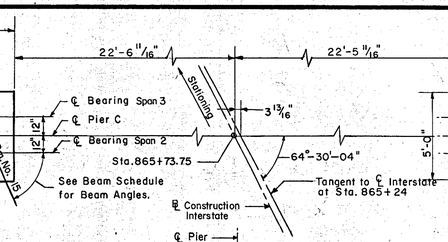
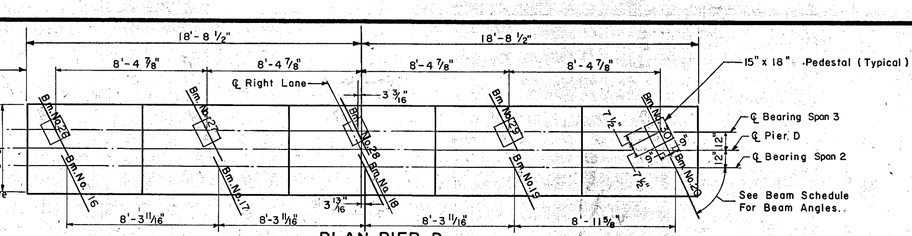
B. P. R. DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	VT.	I-89-2 (7)	57	



PLAN PIER C
Scale: 1/4" = 1'-0"



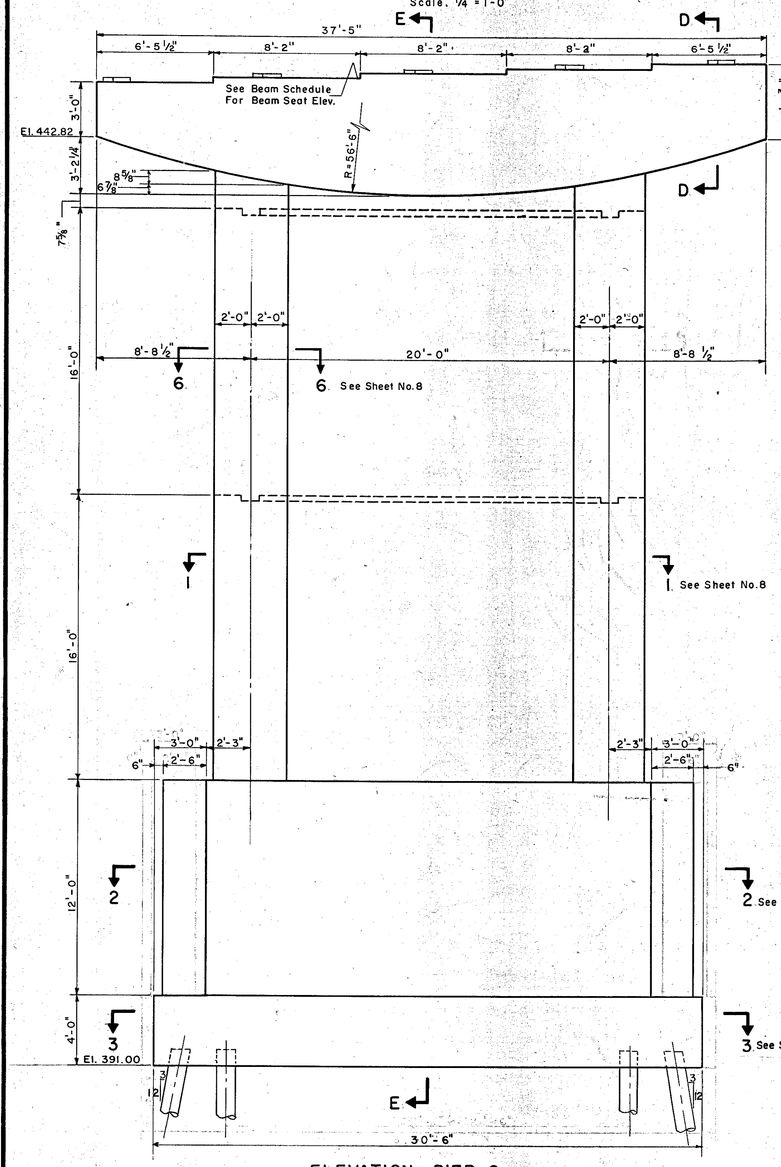


PLAN PIER D
Scale: 1/4" = 1'-0"

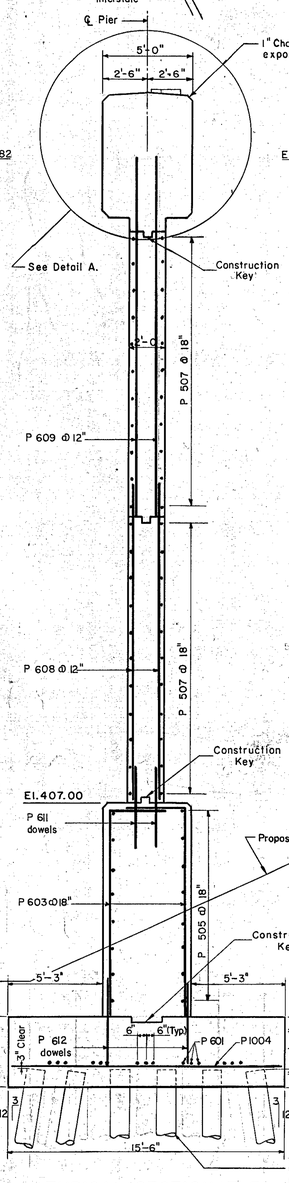
BEAM SCHEDULE

PIER C		
Beam No.	Beam Seat. Elev	Beam Angle
11	445.73	63°-50'-03"
12	446.03	64°-30'-04"
13	446.33	64°-30'-04"
14	446.62	64°-30'-04"
15	446.91	64°-30'-04"
21	445.87	63°-10'-04"
22	446.16	63°-10'-04"
23	446.46	63°-10'-04"
24	446.75	63°-10'-04"
25	447.04	63°-10'-04"

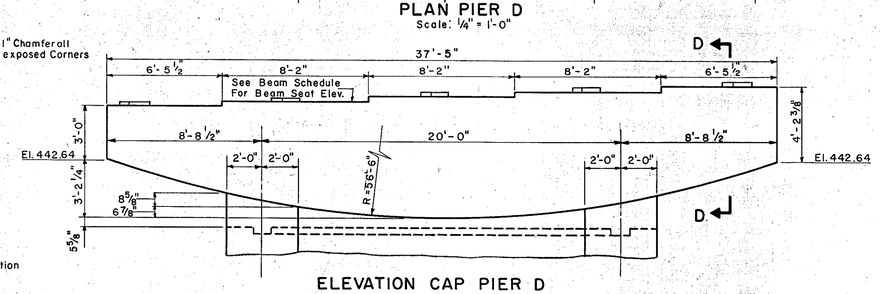
PIER D		
Beam No.	Beam Seat Elev.	Beam Angle
16	445.55	64°-30'-04"
17	445.85	64°-30'-04"
18	446.14	64°-30'-04"
19	446.43	64°-30'-04"
20	446.72	65°-10'-03"
26	445.69	63°-10'-04"
27	445.98	63°-10'-04"
28	446.27	63°-10'-04"
29	446.56	63°-10'-04"
30	446.85	63°-10'-04"



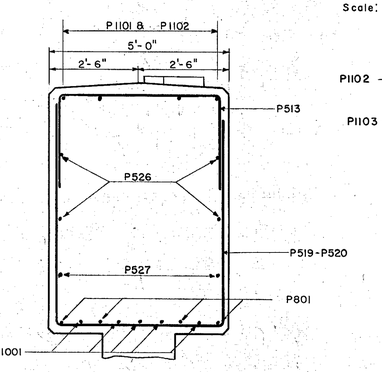
ELEVATION PIER C
Scale: 1/4" = 1'-0"



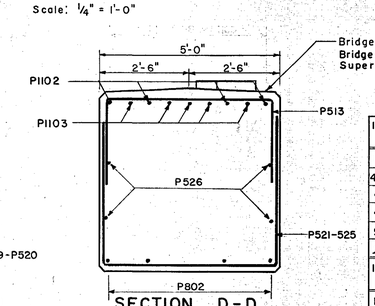
TYPICAL SECTION E-E
TYPICAL SECTION 5-5
Scale: 1/4" = 1'-0"



ELEVATION CAP PIER D
Scale: 1/4" = 1'-0"



DETAIL A
Scale: 1/2" = 1'-0"

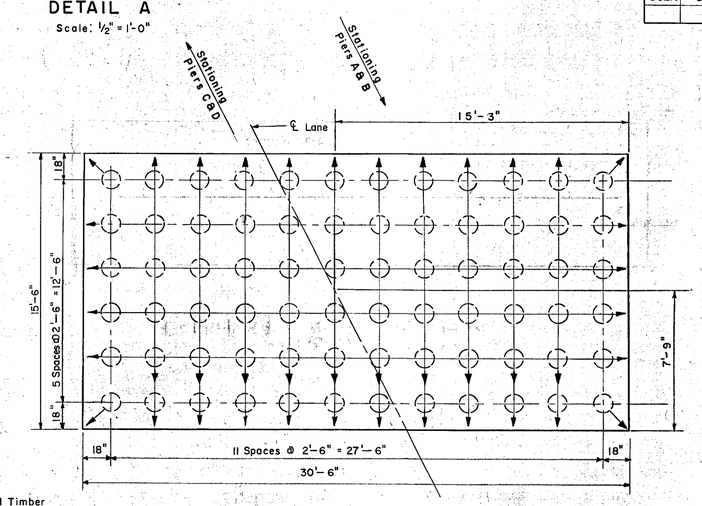


SECTION D-D
SECTION 4-4
Scale: 1/2" = 1'-0"

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PIER C NET	OVER-RUN	TOTAL	FINAL
107	Structure Excavation	C.Y.	134	13	147	60
401-B	Concrete, Class B (Mod.)	C.Y.	249	12	261	252
402	Reinforcing Steel	LBS.	See Reinforcing Steel Schedule			
407	Asphaltic-Asbestos Coating	S.Y.	21	-	21	20
502A	Untreated Timber Piling	L.F.	2520		2520	2531
222	Gravel Backfill	C.Y.	0		0	11

ITEM NO.	DESCRIPTION	UNIT	PIER D NET	OVER-RUN	TOTAL	FINAL
107	Structure Excavation	C.Y.	134	13	147	63
401-B	Concrete, Class B (Mod.)	C.Y.	248	12	260	249
402	Reinforcing Steel	LBS.	See Reinforcing Steel Schedule			
407	Asphaltic-Asbestos Coating	S.Y.	21	-	21	20
502A	Untreated Timber Piling	L.F.	2520		2520	2611



TYPICAL PILE PLAN FOR PIERS
Scale: 1/4" = 1'-0"

Note: For estimating purposes, the length of Untreated Timber Piles is assumed to be 35'.
Batter indicated thus, Vertical ○ Battered ○ 20 T Design Load

IM 089-2(26)
This sheet for information only
BR 48 N & S

CONTRACT NO. 1

PIERS C AND D

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the town of WATERBURY

INTERSTATE STA. 865 + 24
OVER
LITTLE RIVER STA. 5 + 15

THE CLARKESON ENGINEERING CO. INC.
CONSULTING ENGINEERS
BOSTON MASSACHUSETTS

SURVEYED BY:	CHECKED BY: B.K.B.J.B	SCALE: AS SHOWN
DRAWN BY: R.E.M.J.R.W	IN CHARGE: J.V.B	DATE: 8-20-57

PROJECT NO. I-89-2(7) SHEET 232 OF 307