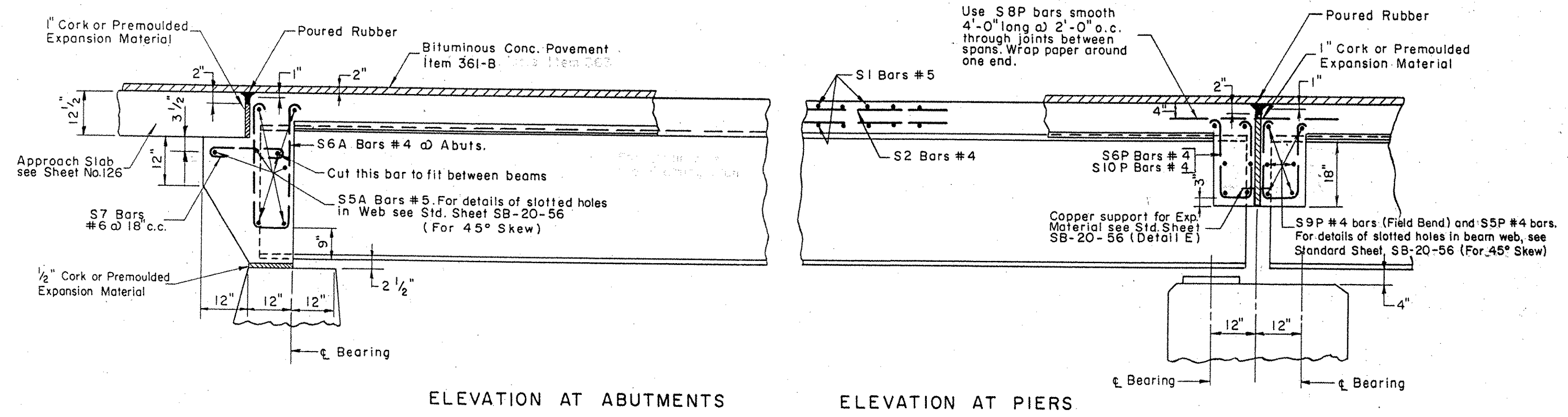


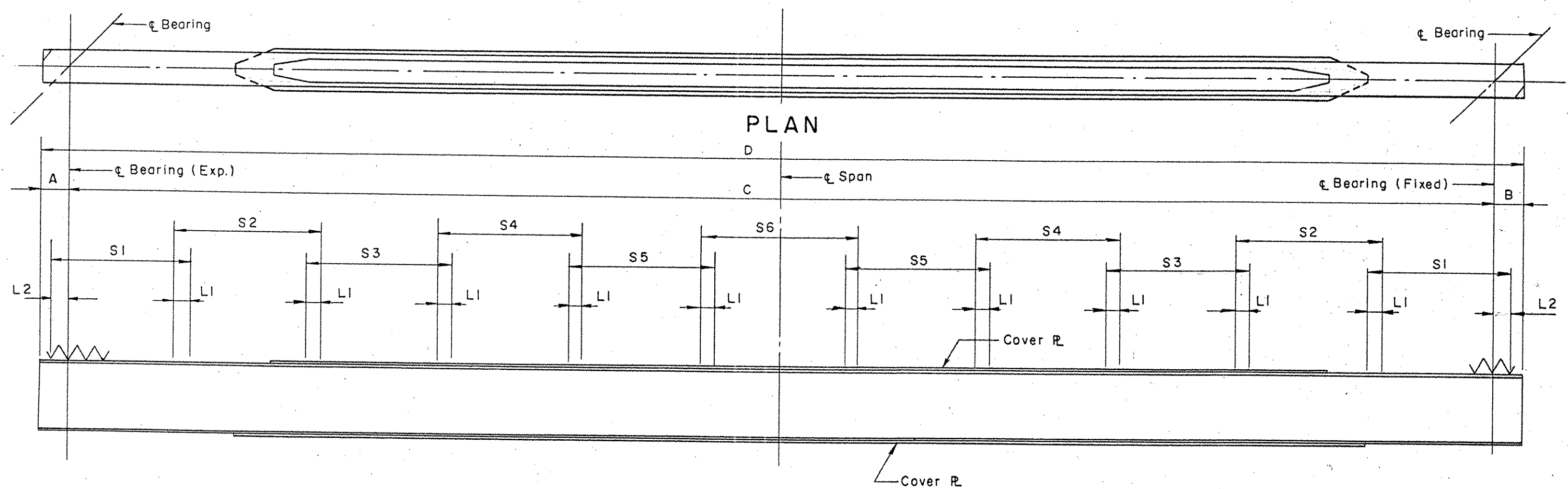
B.P.R. DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	VT.	I 91-1(10)	128	328



ELEVATION AT ABUTMENTS ELEVATION AT PIERS

TYPICAL ELEVATION OF BEAM (SQUARE)

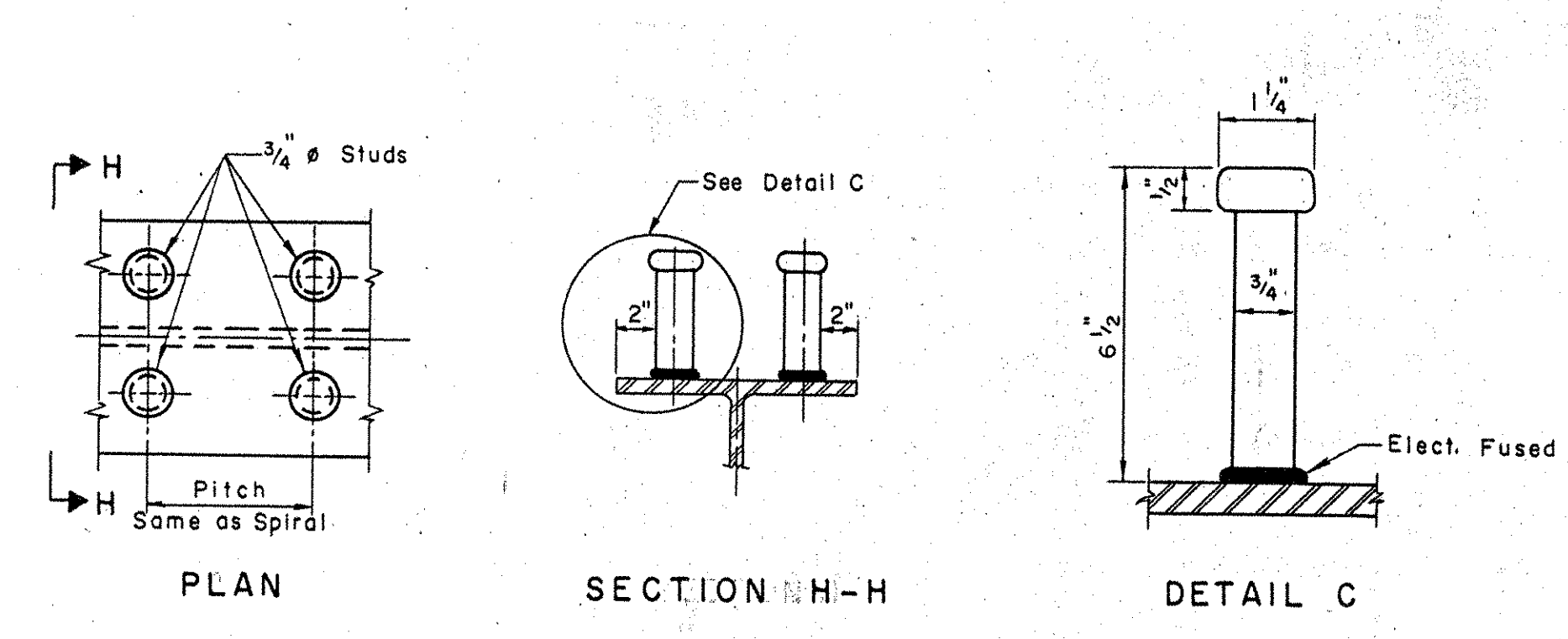
Scale: 1/2" = 1'-0"



ELEVATION OF BEAMS

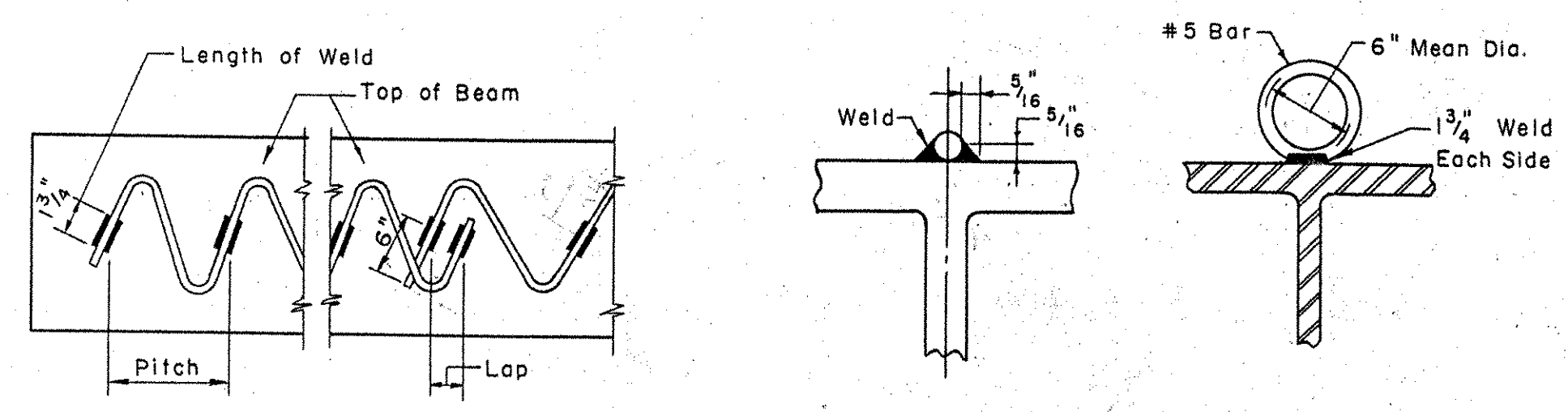
Not To Scale

Note: 1. For Beam Size & Cover R. See Beam & Cover R. Schedule Sheet I27
 For Cover R. Details See Sheet SB-30-56.
 2. Cut Flanges at Bearing as per Standard Sheet SB-22-58.



ALTERNATE SHEAR CONNECTOR

Not To Scale



SPIRAL WELDING DETAILS

Not To Scale

Beam No.	SPIRAL SCHEDULE										No. Units			
	A	B	C	D	S1	S2	S3	S4	S5	S6	L1	L2	Per Bm.	
1	9"	12 5/16"	59' - 9 7/8"	61' - 7 15/16"	27 @ 4 1/2" = 10' - 1 1/2"	19 @ 6 1/2" = 10' - 3 1/2"	13 @ 9 1/2" = 10' - 3 1/2"					2"	4 9/16"	6
2, 3, & 4	9"	9"	59' - 3 3/16"	60' - 9 3/8"	26 @ 4 1/2" = 9' - 9"	do	do						3 3/8"	6
5	9"	12 5/8"	58' - 8 3/16"	60' - 5 13/16"	25 @ 4 1/2" = 9' - 4 1/2"	do	do						2 3/8"	6
6	14"	14"	88' - 6 3/4"	90' - 10 3/4"	30 @ 4" = 10' - 0"	25 @ 5" = 10' - 5"	17 @ 7" = 9' - 11"	12 @ 10" = 10' - 0"		8 @ 15" = 10' - 0"			4 9/16"	9
7, 8, & 9	9"	9"	87' - 5 1/8"	88' - 11 1/8"	do	do	16 @ 7" = 9' - 4"	do		do			4 7/16"	9
10	13 5/8"	13 3/16"	86' - 4 3/8"	88' - 7 1/2"	do	24 @ 5" = 10' - 0"	17 @ 7" = 9' - 11"	do		7 @ 15" = 8' - 9"			5 5/16"	9
11	15 5/8"	15 5/8"	97' - 2"	99' - 9 1/4"	do	27 @ 4 1/2" = 10' - 1 1/2"	21 @ 6" = 10' - 6"	13 @ 9" = 9' - 9"	8 @ 14" = 9' - 4"				4 1/2"	10
12, 13, & 14	9"	9"	95' - 5 1/8"	96' - 11 1/8"	do	do	do	12 @ 9" = 9' - 0"	do				5 15/16"	10
15	15"	15"	93' - 9 7/8"	96' - 3 7/8"	do	do	22 @ 6" = 11' - 0"	13 @ 9" = 9' - 9"	6 @ 14" = 7' - 0"				2 9/16"	10
16	17 1/16"	9"	79' - 2 7/8"	81' - 5 3/8"	32 @ 4" = 10' - 8"	25 @ 5" = 10' - 5"	16 @ 7" = 9' - 4"	11 @ 11" = 10' - 1"					3 9/16"	8
17, 18, & 19	9"	9"	77' - 2 3/8"	78' - 8 3/8"	do	do	do	10 @ 11" = 9' - 2"					4 3/16"	8
20	16 3/4"	9"	75' - 6 1/16"	77' - 7 13/16"	do	do	do	9 @ 11" = 8' - 3"				2"	4"	8

ESTIMATED QUANTITIES						
ITEM NO.	DESCRIPTION	UNIT	NET	OVERRUN	TOTAL	FINAL
361-B	Bit. Concrete Pavement	Tons	127	4%	132	127
401-B	Concrete Class B (Mod.)	C.Y.	347	7%	371	389
402	Reinforcing Steel	LBS.	See Reinforcing Schedule Sheet No. 130.			
403	Spiral Reinforcement (S, 6 BS)	LBS.	117		117	117
404A	Structural Steel	LBS.	495,899	9%	540,429	492,245

PUTNEY - BRIDGE 19A
 NH F019-1(15)
 SHEET NO. 75 OF 75
 FOR REFERENCE ONLY

IM 091-1(31)
 This sheet for information only
BR 17
 STRUCTURAL DETAILS
 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
 THE CLARKSON ENGINEERING CO., INC.
 CONSULTING ENGINEERS
 BOSTON MASSACHUSETTS
 SURVEYED BY V.S. CHECKED BY D.S. SCALE AS NOTED
 DRAWN BY J.V.B. IN CHARGE J.V.B. DATE 10/23/57
 PROJECT NO. I 91-1(10) SHEET 128 OF 328