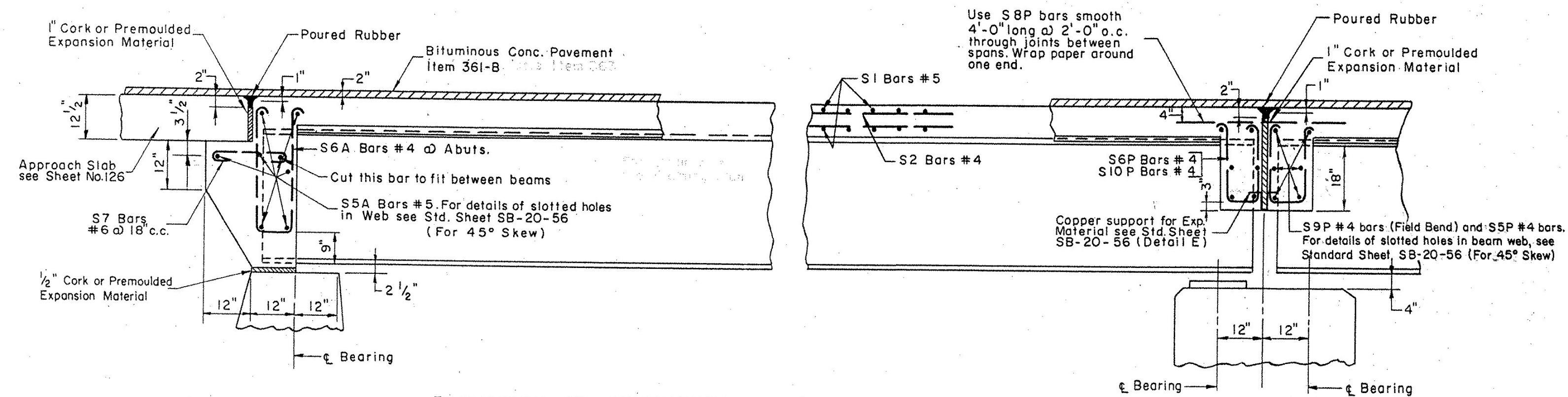
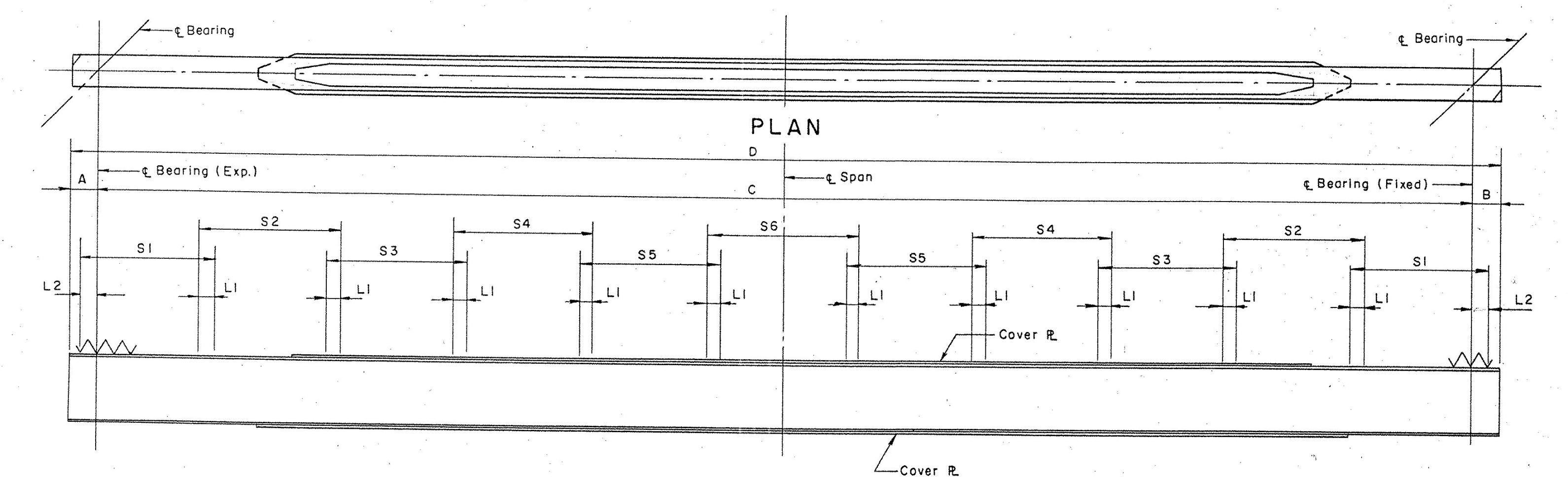


B.P.R. DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	VT.	I 91-1(10)	128	328

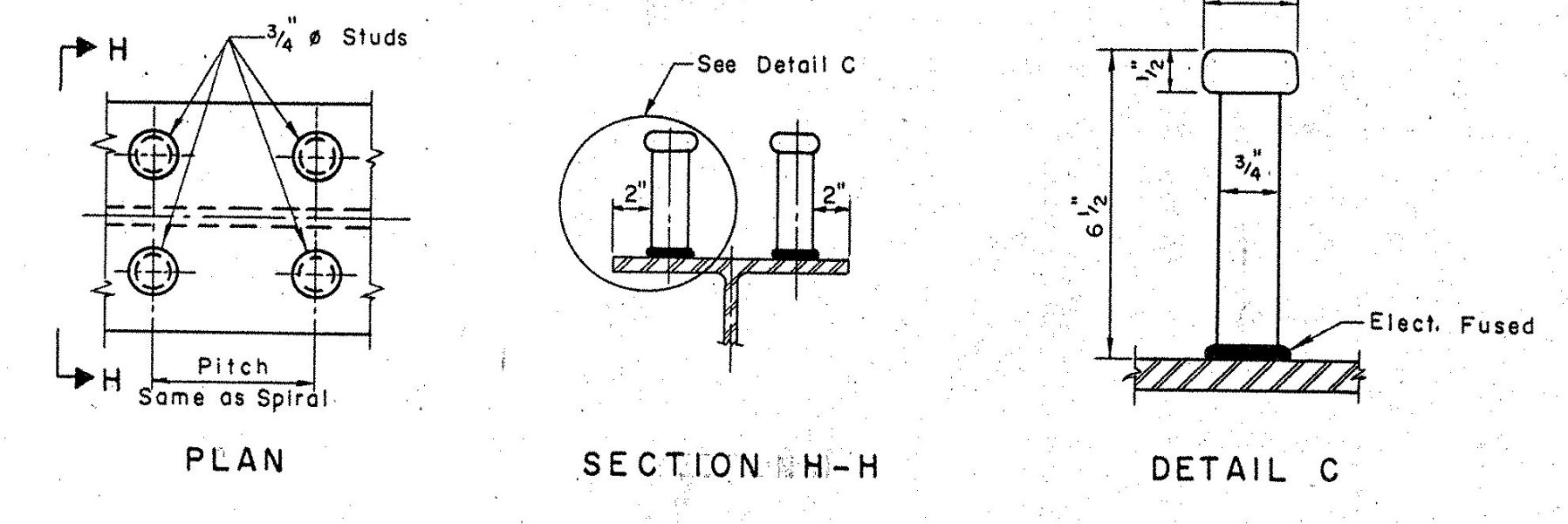


ELEVATION AT ABUTMENTS
ELEVATION AT PIERS
TYPICAL ELEVATION OF BEAM (SQUARE)
Scale: 1/2" = 1'-0"

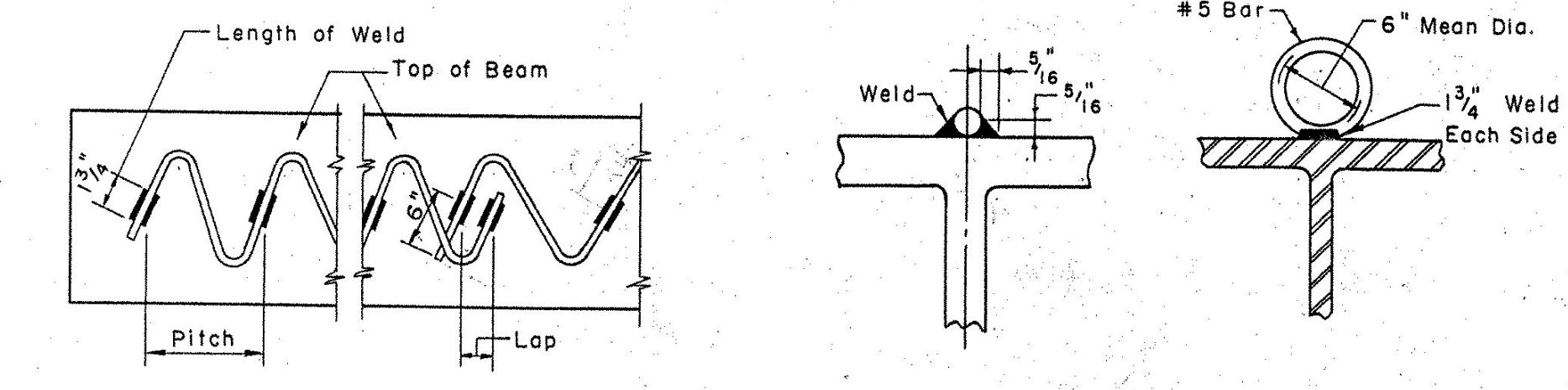


ELEVATION OF BEAMS
Not To Scale

Note: 1. For Beam Size & Cover R's See Beam & Cover R Schedule Sheet 127.
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

SPIRAL SCHEDULE												NoUnits	
Beam No.	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 13/16"	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 3/16"	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 5/8"	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 9/16"	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"				5 5/16"	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 3/8"	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"	8

ESTIMATED QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	NET	OVERRUN	TOTAL FINAL
361-B	Bit. Concrete Pavement	Tons	127	+9	136
401-B	Concrete Class B (Mod)	C.Y.	347	+7	354
402	Reinforcing Steel	LBS.	See Reinforcing Schedule Sheet No. 130.		
403	Spiral Reinforcement (5, 6, 8, 9)	LBS.	11	-	11
404A	Structural Steel	LBS.	495,890	+9,000	504,890

PUTNEY - BRIDGE 19A
NH F019-1(15)
SHEET NO. 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 CLARKESON ENGINEERING CO., INC.
CONSULTING ENGINEERS
BOSTON MASSACHUSETTS
SURVEYED BY V.S. IN CHARGE J.V.B. DATE 10/23/57
CHECKED BY D.S. SCALE AS NOTED
PROJECT NO. I 91-1(10) SHEET 128 OF 328