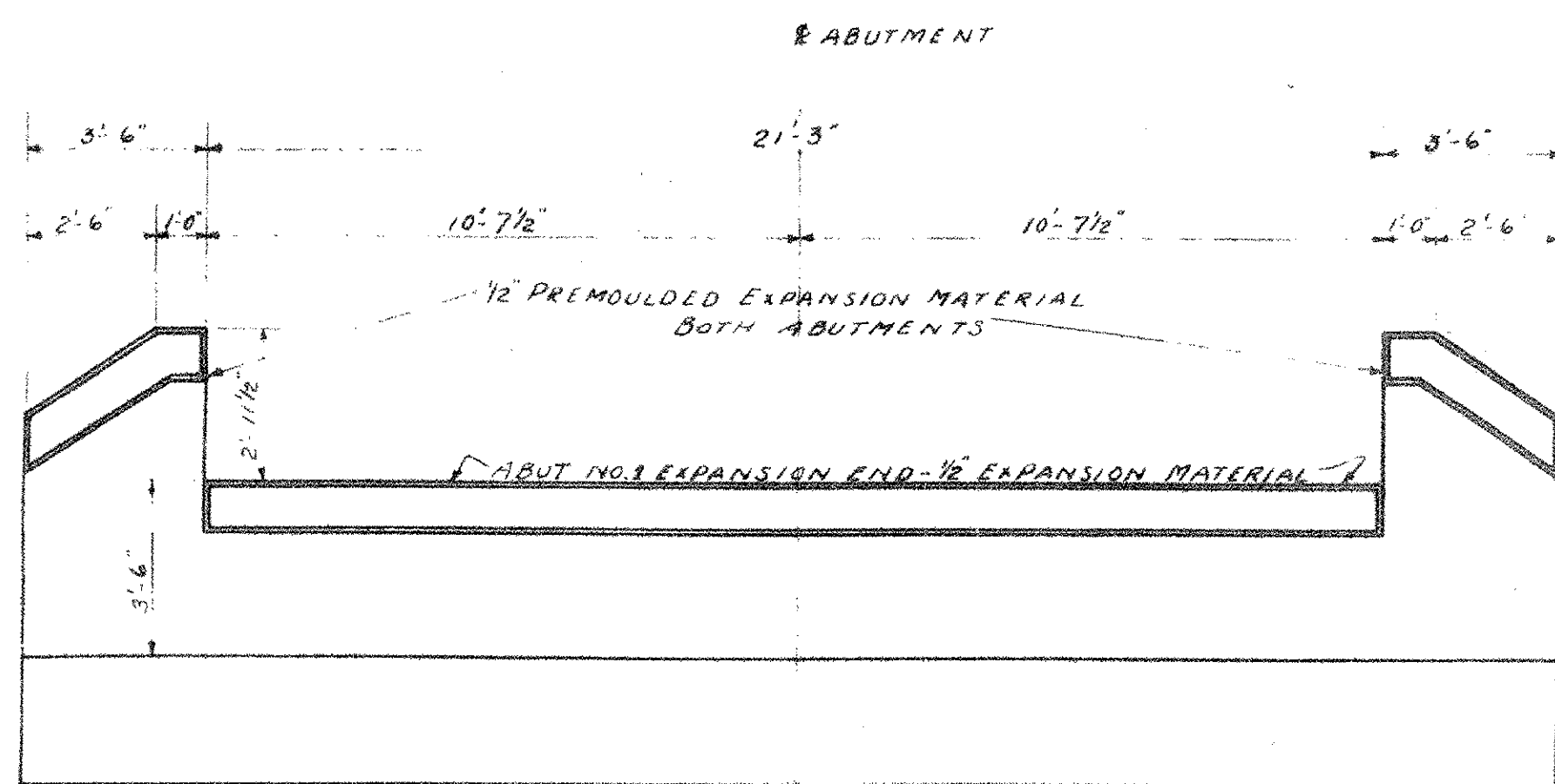
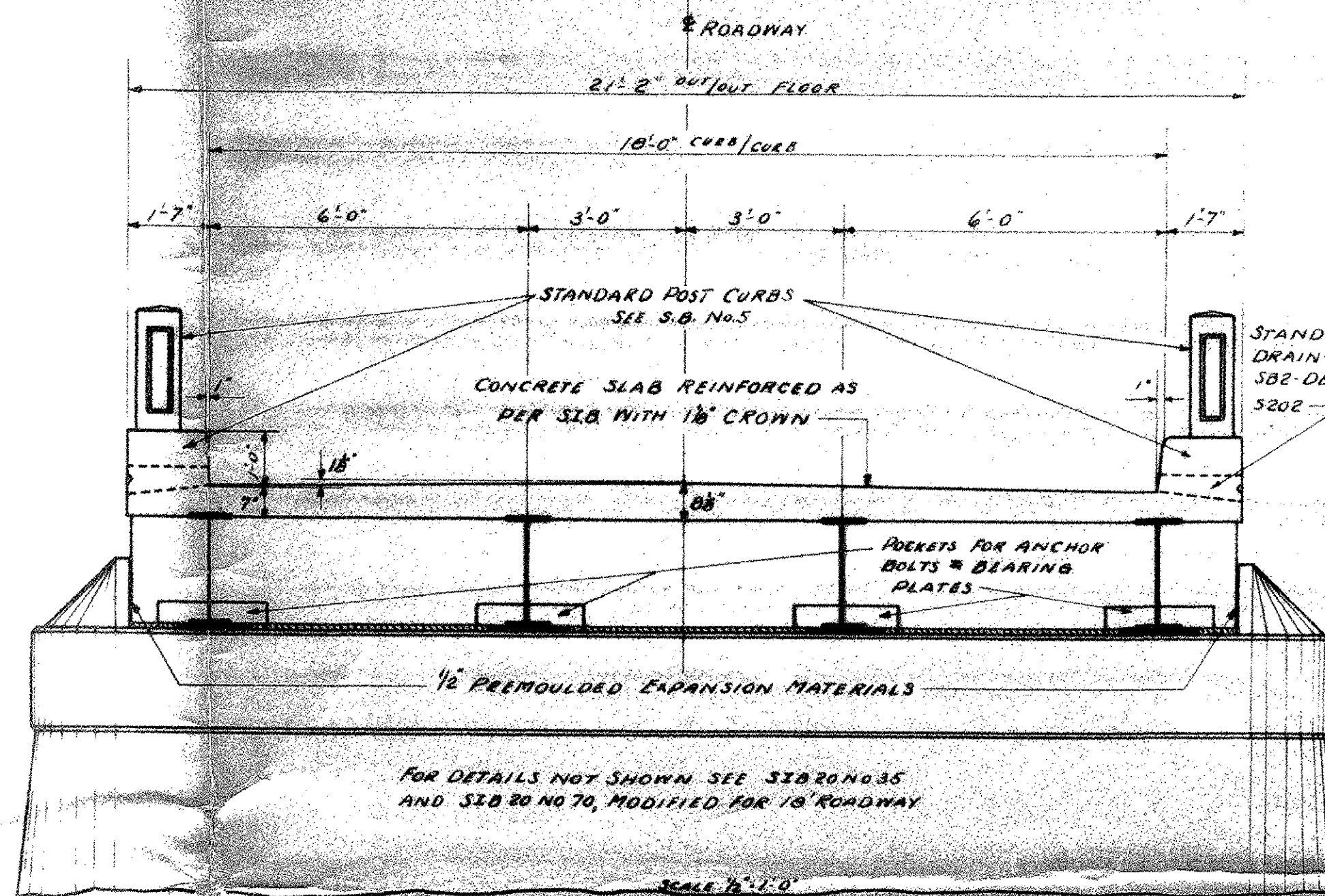


PLAN ABUT.
CORING NOT SHOWN



ELEV. ABUT.
Scale 1/8" = 1'-0"
ABUTMENTS SIMILAR

RIP RAP FOR BANK PROTECTION
SLOPE 1 ON 1 1/2
CARRY TO LOW WATER EL. 89.5



CROSS SECTION OF ROADWAY
FOR PIER DETAILS USE SERIES SP, NO. 3-MODIFIED FOR 18' RDWY.
USE: W-10'-6 1/2" - H-19'-6" - L-10'-9 1/2" - L-12'-2"

The correctness of this steel schedule is not guaranteed and no claim will be allowed for any inaccuracy therein. All steel to be reinforced bars, reinforcing steel shall conform to the Standard Specifications for Reinforcing Steel Concrete Reinforcement Bars, Intermediate or Structural Grade, of the American Society for Testing Materials, Serial Designation A 15-14.

All bar detail dimensions refer to E of steel. All work and materials shall conform to the State of Vermont Standard Road and Bridge Specifications 1930. Anchor bolts, bearing plates and tie angle assemblies shall be included in lump sum bid for Structural Steel.

SECTION @ E

REINFORCING STEEL SCHEDULE					SUPERSTRUCTURE - 35' SPAN - 2 REQ'D	
BAR	FOR LBN	SIZE	REQ'D	DETAIL		
7	22'-0"	3/8"	39			
8	21'-0"	3/8"	39			
9	21'-9"	3/8"	43			
10	19'-6"	3/8"	16			
11	19'-6"	1/2"	34			
12	6'-3"	3/8"	3			
14	5'-6"	3/8"	6			
15	6'-0"	3/8"	12			
16	4'-6"	3/8"	4			
17	2'-9"	3/8"	0	STRAIGHT		
18	17'-9"	3/8"	12			
SUPERSTRUCTURE - 70' SPAN - 1 REQ'D						
7	22'-0"	3/8"	75			
8	21'-0"	3/8"	75			
9	21'-9"	3/8"	79			
10	38'-0"	1/2"	20			
11	38'-0"	1/2"	30			
12	6'-3"	3/8"	3			
14	6'-0"	3/8"	6			
15	5'-6"	3/8"	12			
16	4'-6"	3/8"	4			
17	3'-0"	3/8"	0	STRAIGHT		
18	9'-3"	3/8"	12			
SUBSTRUCTURE - PIER - 2 REQ'D						
PIER	19'-0"	5/8"	20			
NOSE	34'-0"	1/2"	22			
DOWNRIG	3'-0"	3/8"	20			
P1	8'-3"	3/2"	36			
P2	17'-9"	3/8"	0			

LEICESTER
BRF 0160 (3)
REFERENCE SHEET 2
SHEET 90 OF 90

LEICESTER JCT. BRIDGE
OVER
OTTER CREEK
FOR 18' ROADWAY

ESTIMATED QUANTITIES

SPANS	# 3		# 2		# 1		ABUTMENTS		# 1		# 2		PIERS		# 1		# 2	
	cu	sq	cu	sq	cu	sq	cu	sq	cu	sq	cu	sq	cu	sq	cu	sq	cu	sq
Conc. Class A	30	55	80	140	56	87	20	28	95	152	108	164	95	152	108	164	95	152
Reinf. Steel	4791	9171	4791	9171	20	28	76	76	2314	2314	1085	1085	2314	2314	1085	1085	2314	2314
Struct.	12990	15900	12990	15900	76	76	76	76	1085	1085	1085	1085	1085	1085	1085	1085	1085	1085

Surveyed by		
Designed by		
Drawn by		7/23/32
Traced by		7/24/32
Checked by		
Series	No.	Filed
		Sheet 24 of 16 Sheets