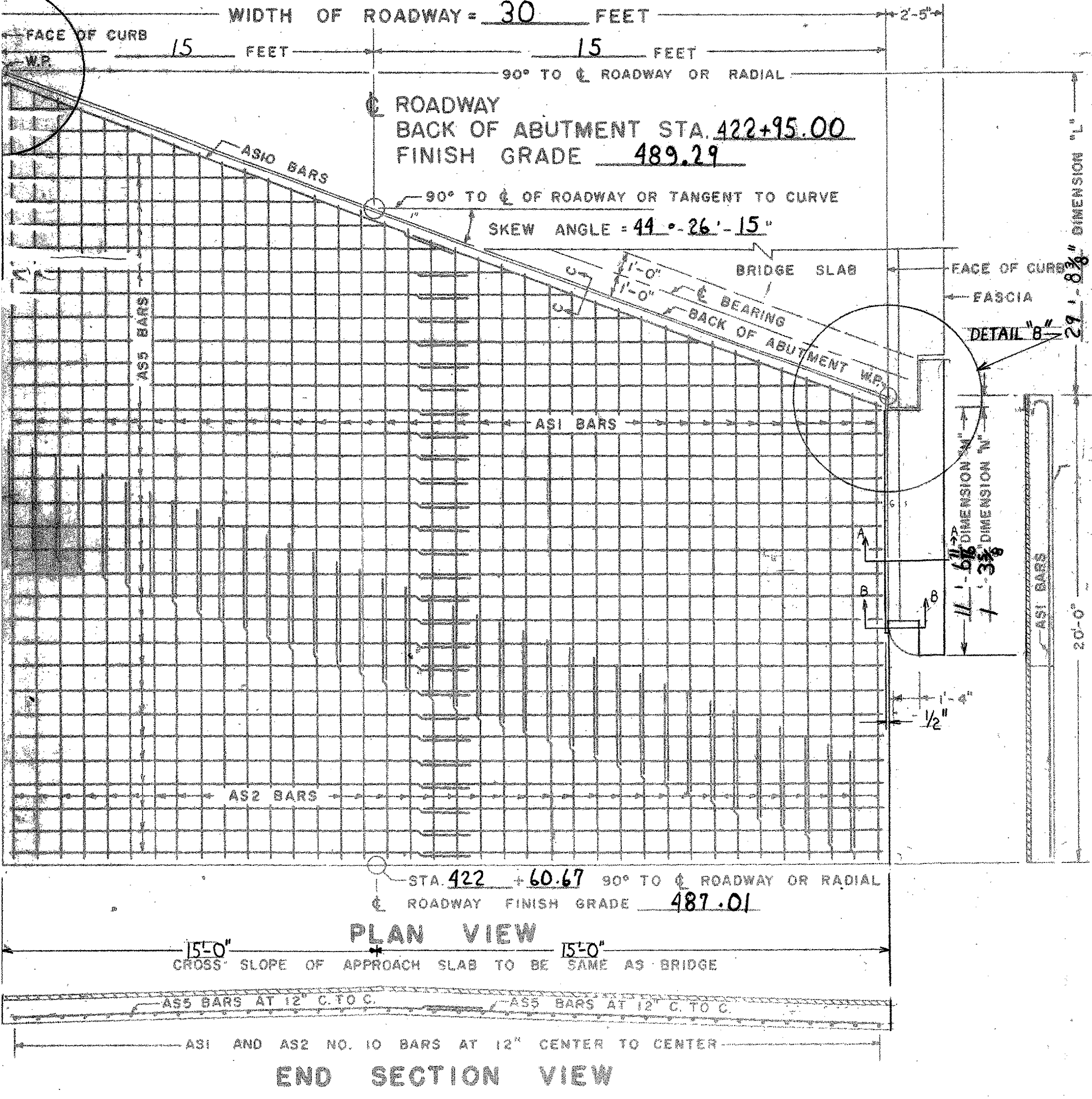
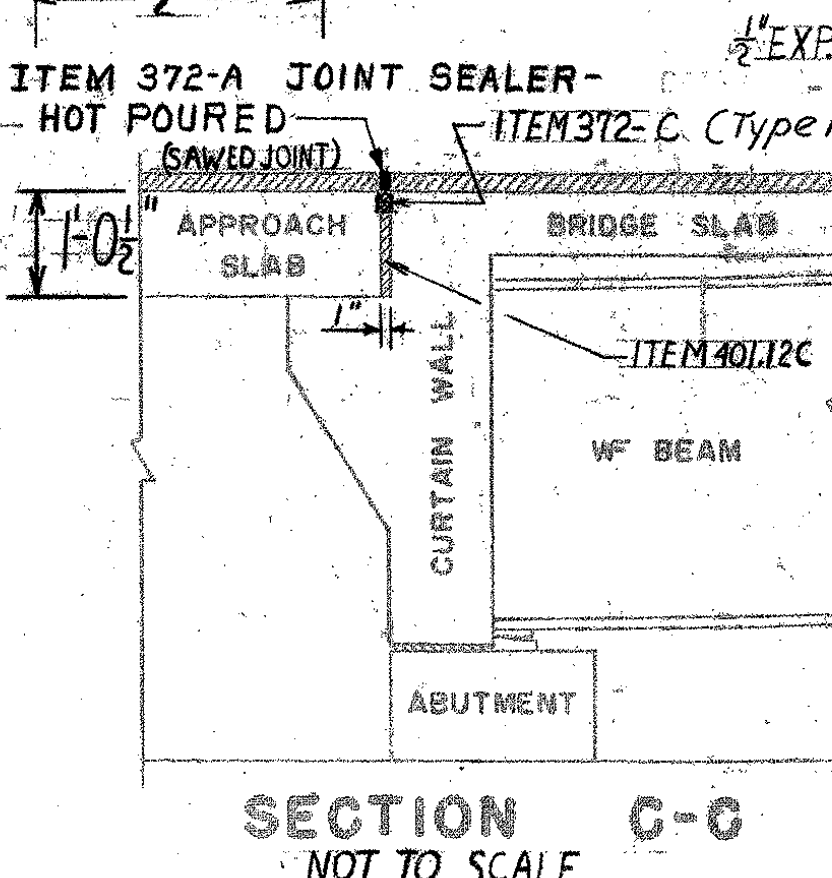
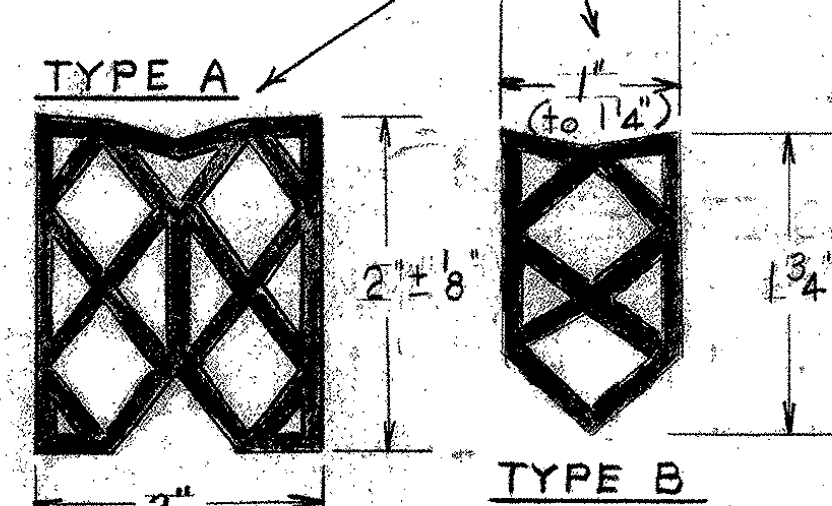


30' ROADWAY					38' ROADWAY					42' ROADWAY					44' ROADWAY					ROADWAY									
NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS					
SQUARE OR SKEWED					SQUARE OR SKEWED					SQUARE OR SKEWED					SQUARE OR SKEWED					SQUARE OR SKEWED									
2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.
2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.
5	3'-6"		AS5	STR.	5	3'-6"		AS5	STR.	5	3'-6"		AS5	STR.	5	3'-6"		AS5	STR.	5	3'-6"		AS5	STR.	5	3'-6"		AS5	STR.
5	5'-0"		AS7	S6	5	5'-0"		AS7	S6	5	5'-0"		AS7	S6	5	5'-0"		AS7	S6	5	5'-0"		AS7	S6	5	5'-0"		AS7	S6
2	5		AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.
2	5		AS9	STR.	2	5		AS9	STR.	2	5		AS9	STR.	2	5		AS9	STR.	2	5		AS9	STR.	2	5		AS9	STR.
SQUARE					SQUARE					SQUARE					SQUARE					SQUARE									
30	10	20'-7"	AS1	I	38	10	20'-7"	AS1	I	42	10	20'-7"	AS1	I	44	10	20'-7"	AS1	I	10	20'-7"		AS1	I	10	20'-7"		AS1	I
20	5	29'-6"	AS5	STR.	40	5	19'-9"	AS5	STR.	40	5	21'-9"	AS5	STR.	40	5	22'-9"	AS5	STR.	5			AS5	STR.	5			AS5	STR.
SKEWED UP TO 15°					SKEWED UP TO 15°					SKEWED UP TO 15°					SKEWED UP TO 15°					SKEWED UP TO 15°									
30	10		AVE. AS1	I	38	10		AVE. AS1	I	42	10		AVE. AS1	I	44	10		AVE. AS1	I	10			AVE. AS1	I	10			AVE. AS1	I
5	29'-6"		AS5	STR.	5	19'-9"		AS5	STR.	5	21'-9"		AS5	STR.	5	22'-9"		AS5	STR.	5			AS5	STR.	5			AS5	STR.
ALL SKEWED SPANS ABOVE 15° SKEW					ALL SKEWED SPANS ABOVE 15° SKEW					ALL SKEWED SPANS ABOVE 15° SKEW					ALL SKEWED SPANS ABOVE 15° SKEW					ALL SKEWED SPANS ABOVE 15° SKEW									
2	5	21'-9"	AS10	STR.	5			AS10	STR.	5			AS10	STR.	5			AS10	STR.	5			AS10	STR.	5			AS10	STR.
30	10	20'-7"	AS1	I	38	10	20'-7"	AS1	I	42	10	20'-7"	AS1	I	44	10	20'-7"	AS1	I	10	20'-7"		AS1	I	10	20'-7"		AS1	I
29	10	19'-12"	AVE. AS2	STR.	37	10		AVE. AS2	STR.	41	10		AVE. AS2	STR.	43	10		AVE. AS2	STR.	10			AVE. AS2	STR.	10			AVE. AS2	STR.
35	5	29'-6"	AS5	STR.	5	19'-9"		AS5	STR.	5	21'-9"		AS5	STR.	5	22'-9"		AS5	STR.	5			AS5	STR.	5			AS5	STR.

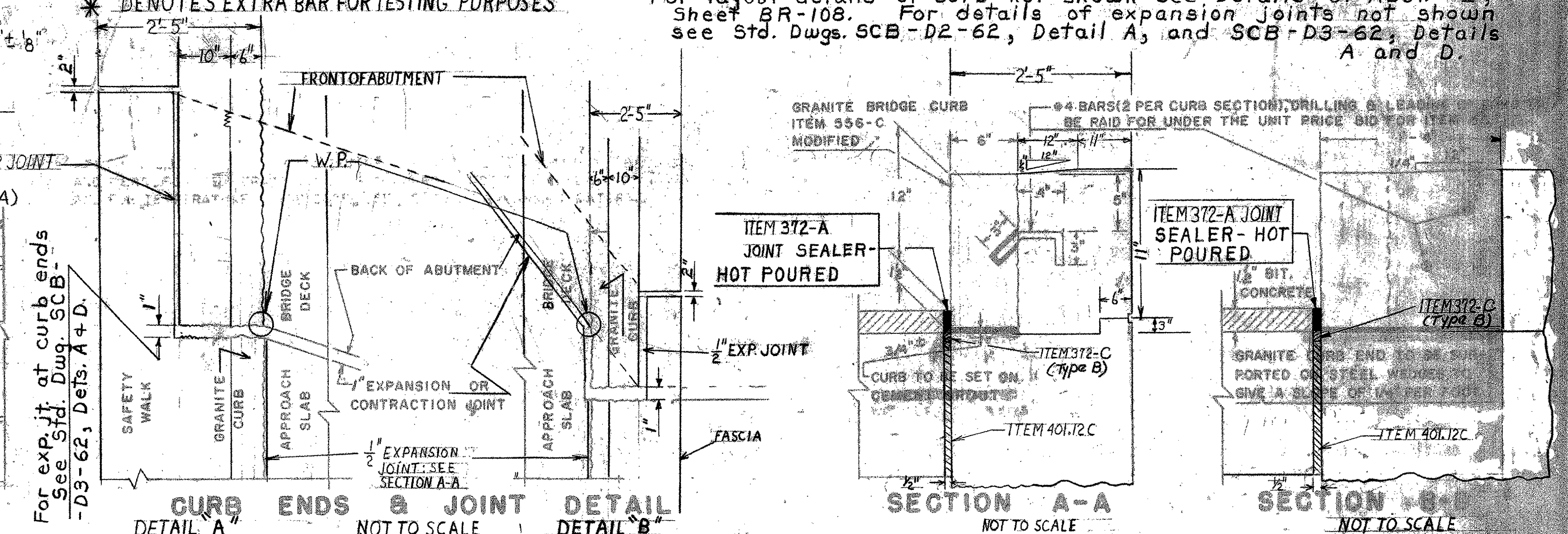


(See note G on sheet BR-107)  
**ITEM 372-C JOINT SEALER - PREFORMED**



REMARKS: 1. ASI BAR 'B' DIMENSION VARIES FROM 19'-6" TO 19'-4". 2. 20 + DIMENSION ("P+L") + 4 (IN FEET) = NUMBER OF PIECES. CUT BARS IN THE FIELD USING CUT OFF PIECES OF OPPOSITE HALF OF SLAB. 3. 40 + DIMENSION ("P+L") + 2 (IN FEET) = NUMBER OF PIECES. CUT BARS IN THE FIELD USING CUT OFF PIECES ON OPPOSITE HALF OF SLAB. 4. THE LENGTH OF AS2 BARS VARIES FROM 5'-8" TO 32'-5". THE AS2 BARS MAY BE DIVIDED INTO TWO OR MORE PIECES, AS MAY BE NECESSARY, TO LIMIT THE MAXIMUM BAR LENGTH TO 30 FEET. THE LOCATION OF SPLICES IS LEFT TO THE OPTION OF THE DESIGNER. THE NO. PIECES SHOWN ARE FOR CONDITION 1. (FOR CONDITION 2 & 3. SEE REIN. SCHEDULE.)

GENERAL NOTES: ALL REINFORCING STEEL SHALL BE DETAILED ON THE REINFORCING STEEL SCHEDULE. WHEN A BAR LENGTH VARIES IN INCREMENTS EACH BAR MUST BE DETAIL SPLICED SHALL BE 2'-1" FOR NUMBER 5 BARS, AND 4'-3" FOR NUMBER 10 BARS. ALL WORK AND MATERIALS SHALL CONFORM TO THE STATE OF VERMONT DEPARTMENT OF HIGHWAYS, STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED JANUARY 1956, AND THE A.A.S.H.O. SPECIFICATIONS DATED 1958. DESIGNED FOR 100,000 LBS. PER SQ. YD. OF CURB. \* DENOTES EXTRA BAR FOR TESTING PURPOSES.



DETAILS OF REINFORCING BARS				REINFORCING STEEL					QUANTITY COMPUTATION		
TYPE I		TYPE S6 C		BAR NO.	NO. PIECES	LENGTH	WEIGHT PER FT.	WEIGHT IN LBS.	W = WIDTH OF ROADWAY	Z = 20 + DIMENSION	T = DIMENSION
A = 1'-1"	J = 0'-9"	A = 0'-6"	B = 1'-9"	AS1	30	20'-7"	4.303	2657.1	W = 30.00	Z = 34.62	T = 10.82
B = 19'-6" OR VARIES		C = 0'-6"	D = 1'-9"	AS2	30	18'-9"	4.303	2428.1	BITUMINOUS CONCRETE = W x Z x 0.0052 = TONS 30.00 x 34.62 x 0.0052 = 9.55		
		E = 1'-9"	F = 0'-6"	AS3	5	3'-6"	4.303	64.5	TAR EMULSION = W x Z x 0.0001 = GALLONS 30.00 x 34.62 x 0.0001 = 1.04		
		G = 0'-6"		AS4	5	3'-6"	4.303	64.5	CONCRETE CLASS B = W x Z x 0.0386 + T x 0.1029 + (T - 1.8333) x 0.0733 = CUBIC YARDS		
				AS5	35	29'-6"	1.043	1076.9	[30.00 x 34.62 x 0.0386] + [10.82 x 30.00 x 0.1029] + [(10.82 - 1.8333) x 30.00 x 0.0733] = 40.09		
ITEM NO.	ITEM	UNIT	TOTAL	FINAL	AS6	5	1.043	5.215	GRANITE BRIDGE CURB = 2(LT + 0'-3") x LINEAR FEET 2(10.82 + 0.25) x 34.62 = 784.5		
318	TAR EMULSION FOR BRIDGE FLOORS	GAL.	47		AS7	5	1.043	5.215	BAR LENGTHS: AS3 BARS = DIMENSION "M" - 0'-6"		
361-B	BITUMINOUS CONCRETE PAVEMENT (MOD.)	TONS	10		AS8	5	1.043	5.215	AS4 BARS = DIMENSION "R" - 0'-6"		
401-B	CONCRETE CLASS B (MOD.)	CY.	40.1		AS9	5	1.043	5.215	AS6 BARS = 3'-6"		
402	REINFORCING STEEL	LB.	6230		AS10	3	1.043	68	AS7 BARS = 5'-0"		
556-C	GRANITE BRIDGE CURB (MOD.)	LF.	(See Sheet BR-108)						AS8 BARS = DIMENSION "M" - 2'-2"		
				TOTAL			CALL	6230.	AS9 BARS = DIMENSION "R" - 2'-2"		

REVISIONS AND CORRECTIONS  
 1. Filler Item 373 6-21-63 W

APPROVED  
 DRAWN BY: R.S. HAUPT NOV. 1960  
 TRACED BY: R.S. HAUPT NOV. 1960  
 CHECKED BY: A.H. SMALLEY NOV. 1960  
 Recommended For Approval: [Signature] 12/1/62  
 Recommended For Approval: [Signature]  
 Approved By: [Signature]

DETAILS OF APPROACH SLAB #1  
 FOR 30'-0" FOOT BRIDGE  
 TO BE USED FOR BRIDGE AT STATION 3370 ±  
 LOCATION US # 5 OVER I 91

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 STANDARD STRUCTURE  
 SB-AS-62

TOWN OF HARTLAND-HARTFORD  
 ROUTE NO. I 91  
 LOG STA. \_\_\_\_\_  
 SCALE AS NOTED  
 DESIGNED BY LES CHECKED BY AER  
 PROJECT NO. I-91-1(22)-C/2  
 BR. 119 OF 122 SHEET 63 OF 220