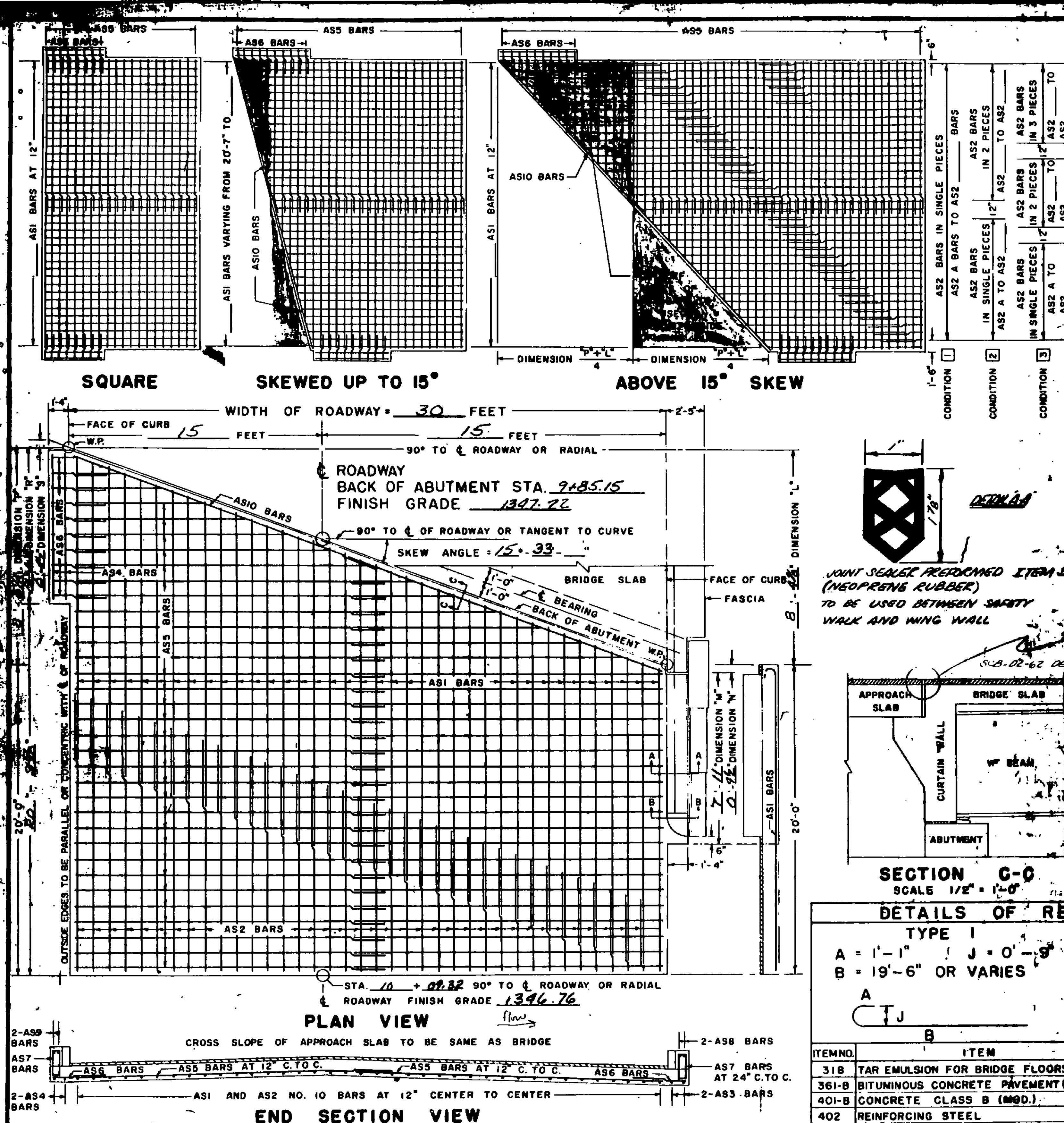


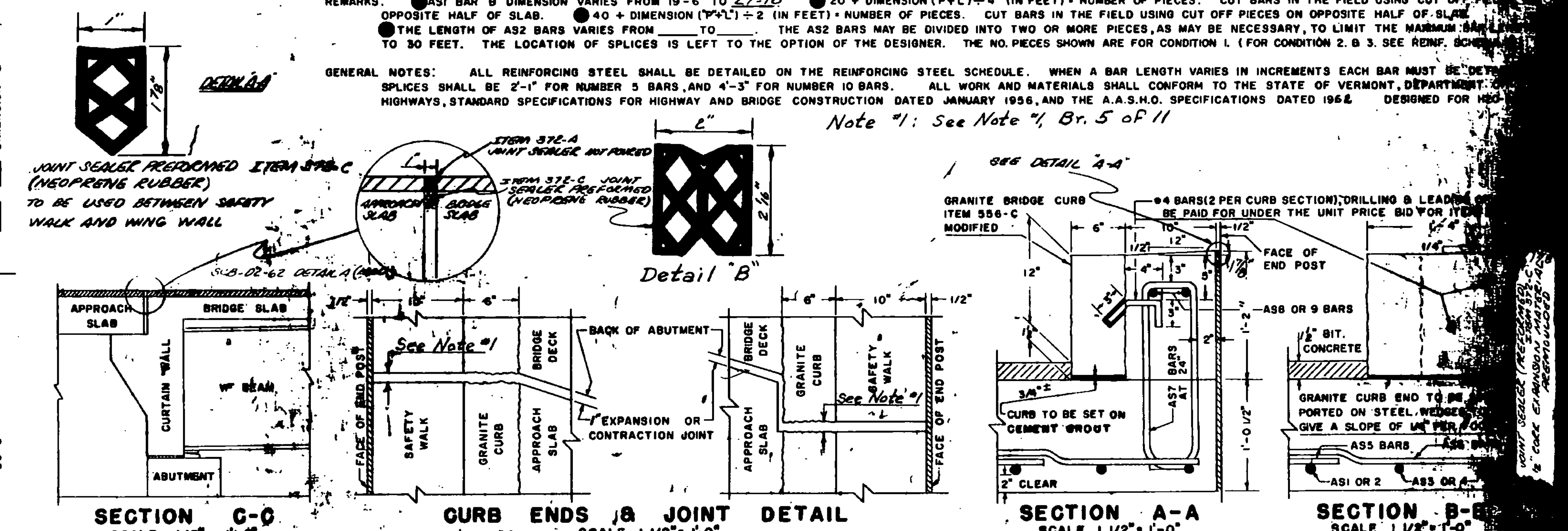


30' ROADWAY					38' ROADWAY					42' ROADWAY					44' ROADWAY					ROADWAY				
NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS
SQUARE OR SKEWED					SQUARE OR SKEWED					SQUARE OR SKEWED					SQUARE OR SKEWED					SQUARE OR SKEWED				
2	10	7'-5"	AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.
2	10	7'-0"	AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.
16	5	3'-6"	AS6	STR.	5	3'-6"		AS6	STR.	5	3'-6"		AS6	STR.	5	3'-6"		AS6	STR.	5	3'-6"		AS6	STR.
10	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	5'-9"	AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.	2	5		AS8	STR.
2	5	5'-4"	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	
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.	
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	I	38	10	Ave. AS1	I	I	42	10	Ave. AS1	I	I	44	10	Ave. AS1	I	I	10	Ave. AS1	I	I	
5	29'-6"	AS5	STR.	2	5	19'-9"	AS5	STR.	3	5	21'-9"	AS5	STR.	3	5	22'-9"	AS5	STR.	3	5		AS5	STR.	
ALL SKEWED SPANS					ALL SKEWED SPANS					ALL SKEWED SPANS					ALL SKEWED SPANS					ALL SKEWED SPANS				
2	5	30'-8"	AS10	STR.	5		AS10	STR.		5		AS10	STR.		5		AS10	STR.		5		AS10	STR.	
ABOVE 15° SKEW					ABOVE 15° SKEW					ABOVE 15° SKEW					ABOVE 15° SKEW					ABOVE 15° SKEW				
30	10	24'-9"	Ave. 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	
25	5	29'-6"	AS5	STR.	37	10	Ave. AS2	STR.	4	41	10	Ave. AS2	STR.	4	43	10	Ave. AS2	STR.	4	10	Ave. AS2	STR.	4	
25	5	29'-6"	AS5	STR.	2	5	19'-9"	AS5	STR.	3	5	21'-9"	AS5	STR.	3	5	22'-9"	AS5	STR.	3	5		AS5	STR.

REMARKS: ASI BAR "B" DIMENSION VARIES FROM 19'-6" TO 27'-10". 20 + DIMENSION (P+L)/4 (IN FEET) * NUMBER OF PIECES. CUT BARS IN THE FIELD USING CUT OFF PEEPS OPPOSITE HALF OF SLAB. 40 + DIMENSION (P+L)/2 (IN FEET) * NUMBER OF PIECES. CUT BARS IN THE FIELD USING CUT OFF PEEPS ON OPPOSITE HALF OF SLAB. THE LENGTH OF AS2 BARS VARIES FROM TO 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, B, 3, SEE REMF. SHEET).

GENERAL NOTES: ALL REINFORCING STEEL SHALL BE DETAILED ON THE REINFORCING STEEL SCHEDULE. WHEN A BAR LENGTH VARIES IN INCREMENTS EACH BAR MUST BE DET. SPLICES 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 1962. DESIGNED FOR H20.

Note #1: See Note #1, Br. 5 of 11



DETAILS OF REINFORCING BARS					REINFORCING STEEL					QUANTITY COMPUTATION				
TYPE I					TYPE S6 C					W=WIDTH OF ROADWAY				
A = 1'-1"					A = 0'-6"					Z = 20 + DIMENSION (P+L)/4				
B = 19'-6" OR VARIES					B = 1'-9"					T = DIMENSION				
C = 0'-6"					C = 0'-6"					W = 30				
D = 1'-9"					D = 1'-9"					Z = 24.17				
E = 0'-6"					E = 0'-6"					T = 17.75				
F = 0'-6"					F = 0'-6"					BITUMINOUS CONCRETE = W x Z x 0.0022 = TONS				
G = 0'-6"					G = 0'-6"					30 x 24.17 x 0.0022 = 7 TONS				
H = 0'-6"					H = 0'-6"					TAR EMULSION = W x Z x 0.0444 = GALLONS				
I = 0'-6"					I = 0'-6"					30 x 24.17 x 0.0444 = 32 GALLONS				
J = 0'-6"					J = 0'-6"					CONCRETE CLASS B = W x Z x 0.0386 + T x 0.1029 + (T - 1.8333) x 0.0733 = CUBIC YARDS				
K = 0'-6"					K = 0'-6"					[30 x 24.17 x 0.0386] + [7.75 x 0.1029] + [(7.75 - 1.8333) x 0.0733] = 30 CUBIC YARDS				
L = 0'-6"					L = 0'-6"					GRANITE BRIDGE CURB = 2(T + 0'-5") x LINEAR FEET				
M = 0'-6"					M = 0'-6"					2(7.75 + 0.25) = 16 LINEAR FEET				
N = 0'-6"					N = 0'-6"					BAR LENGTHS: AS3 BARS = DIMENSION "M" - 0'-6"				
O = 0'-6"					O = 0'-6"					AS4 BARS = DIMENSION "R" - 0'-6"				
P = 0'-6"					P = 0'-6"					AS6 BARS = 3'-6"				
Q = 0'-6"					Q = 0'-6"					AS7 BARS = 5'-0"				
R = 0'-6"					R = 0'-6"					AS8 BARS = DIMENSION "M" - 2'-2"				
S = 0'-6"					S = 0'-6"					AS9 BARS = DIMENSION "R" - 2'-2"				

REVISIONS AND CORRECTIONS
 Revised Joint Filler Item 323 - 6-21-63 M

APPROVED
 DRAWN BY: R.S. HAUPP NOV. 1960
 TRACED BY: R.S. HAUPP NOV. 1960
 CHECKED BY: A.H. SMALLEY NOV. 1960

Recommended For Approval
 Bridge Engineer Date 12/1/62
 Asst. Chief Engineer Date 12/1/62
 Approved By: [Signature]

DETAILS OF APPROACH SLAB NO. 2
 FOR 30 FOOT BRIDGE
 (WIDTH)
 TO BE USED FOR BRIDGE AT STATION 10+09.35
 LOCATION BRANCH BROOK

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 STANDARD STRUCTURE
 SB-AS-62
 SHEET 21 OF 40

TOWN OF MT. HOLLY
 ROUTE NO. 10
 LOG STA. 5546.2
 DESIGNED BY: [Signature]