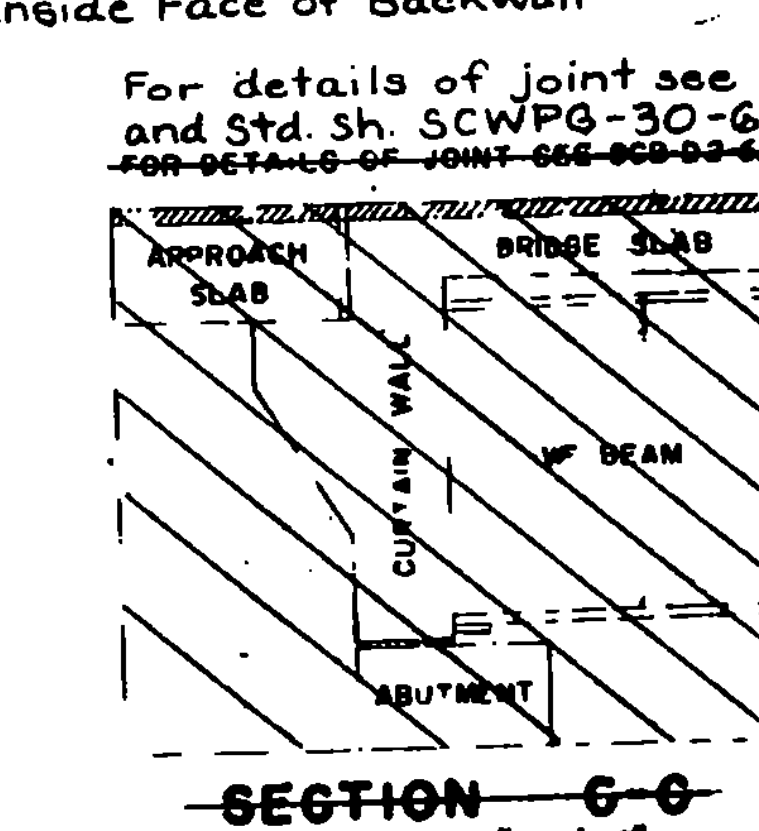
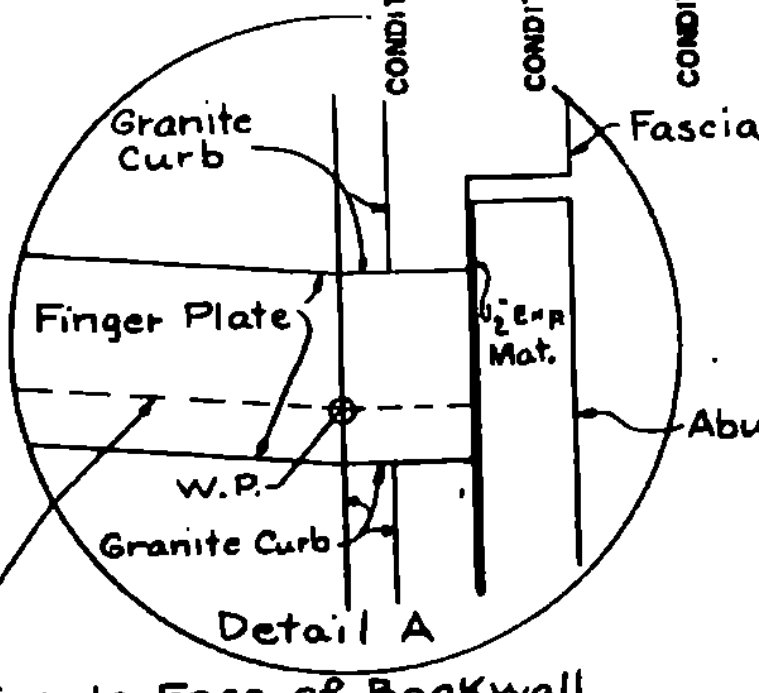
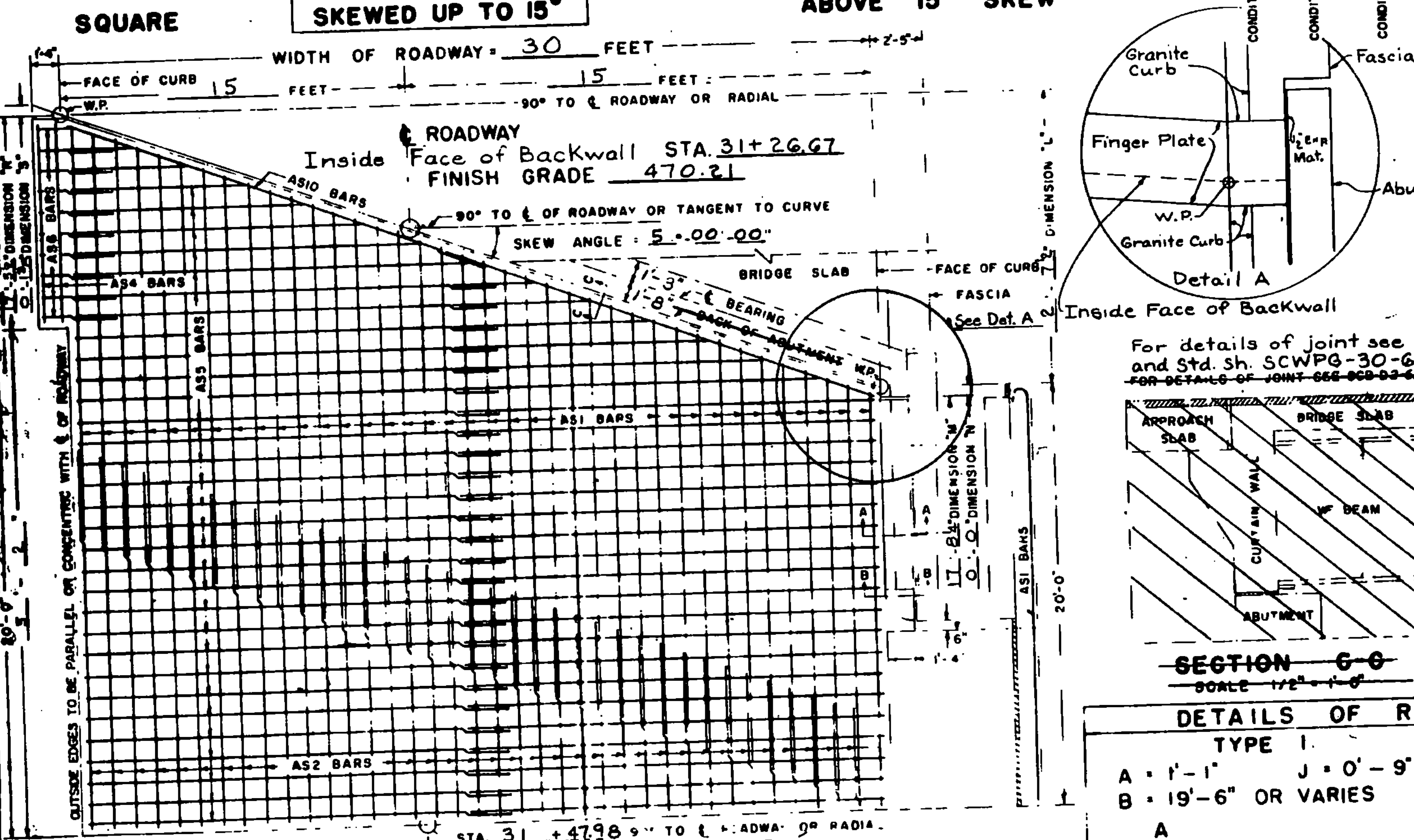
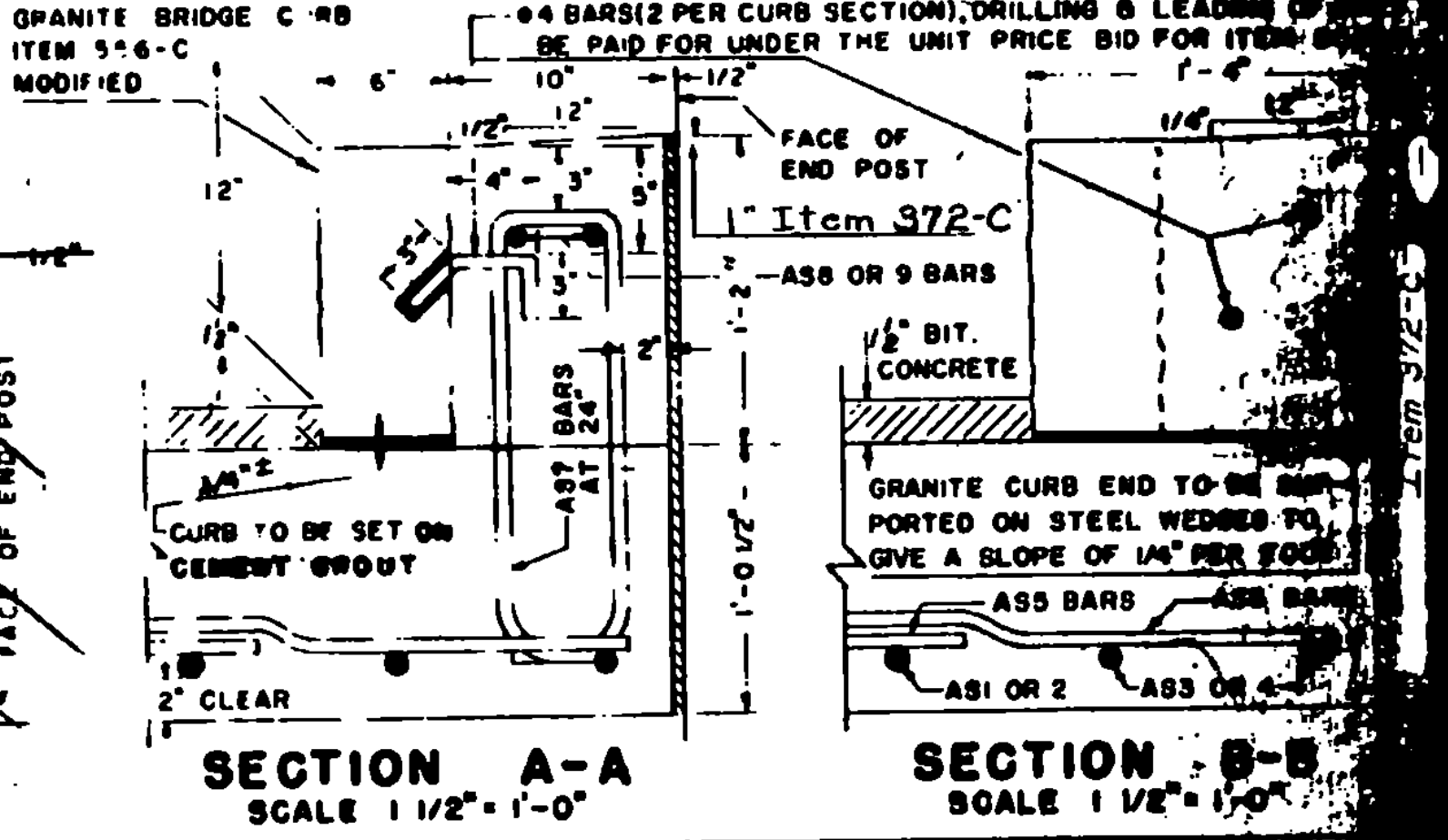


30' ROADWAY					36' ROADWAY					42' ROADWAY					44' ROADWAY				
NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS	NO. PIECES	SIZE	LENGTH	MARK	REMARKS
2	10	17'-2"	AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.	2	10		AS3	STR.
2	10	16'-11"	AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.	2	10		AS4	STR.
3	6	5'-6"	AS6	STR.	3	6	5'-6"	AS6	STR.	3	6	5'-6"	AS6	STR.	3	6	5'-6"	AS6	STR.
2	5	5'-0"	AS7	S6	2	5	5'-0"	AS7	S6	2	5	5'-0"	AS7	S6	2	5	5'-0"	AS7	S6
2	5	15'-3"	AS9	STR.	2	5		AS9	STR.	2	5		AS9	STR.	2	5		AS9	STR.



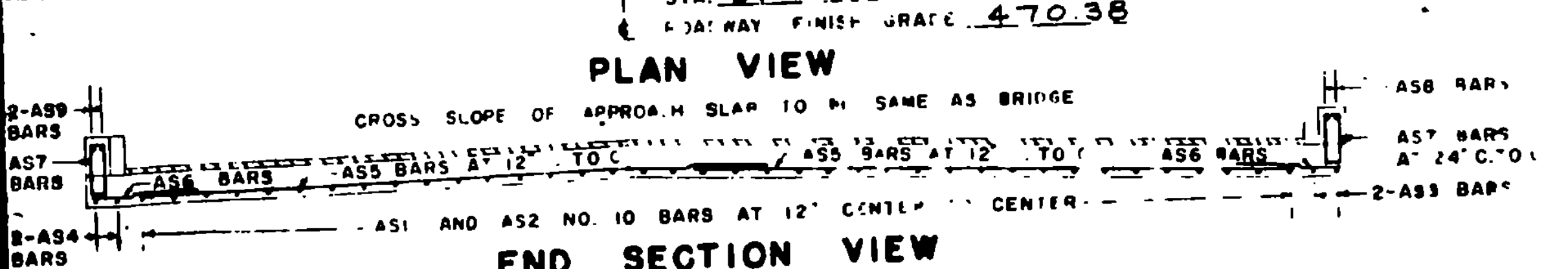
REMARKS: ● ASI BAR "B" DIMENSION VARIES FROM 9'-6" TO 22'-1" ● 20 + DIMENSION (T+L) - 4 (IN FEET) = NUMBER OF PIECES. CUT BARS IN THE FIELD USING CUT OFF PIECES OPPOSITE HALF OF SLAB. ● 40 + DIMENSION (T+L) - 2 (IN FEET) = NUMBER OF PIECES. CUT BARS IN THE FIELD USING CUT OFF PIECES ON OPPOSITE HALF OF SLAB. ● THE LENGTH OF AS2 BARS VARIES FROM 19'-6" TO 22'-1" 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 REFIN. 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. SPLICES SHALL BE 2'-0" 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 MSB-1.



DETAILS OF REINFORCING BARS				REINFORCING STEEL			
TYPE I		TYPE S6		A	B	C	A X B X C
A = 1'-1"	J = 0'-9"	A = 0'-6"		BA	NO. PIECES	WEIGHT PER FT	WEIGHT IN LBS.
B = 19'-6" OR VARIES		B = 1'-9"		AS1	30	20.9	6284
		C = 0'-6"		AS2		4.30	
		D = 1'-9"		AS3	2	17.2	34.4
		G = 0'-6"		AS4	2	16.11	32.2
				AS5	21	29.6	611.6
				AS6	30	3	90
				AS7	18	5	90
				AS8	2	15.6	31.2
				AS9	2	15.3	30.6
				A10	1	29.6	29.6
				TOTAL			3944

QUANTITY COMPUTATION			
W = WIDTH OF ROADWAY	Z = 20 + DIMENSION	T = DIMENSION	
W = 30'	Z = 21.3125'	T = 17.5125'	
BITUMINOUS CONCRETE = W x Z x 0.0028 = 30 x 21.3125 x 0.0028 = 5.88 TONS			
TAR EMULSION = W x Z x 0.0444 = 30 x 21.3125 x 0.0444 = 28.39 GALLONS			
CONCRETE CLASS B = W x Z x 0.0386 + T x 0.1029 + (T - 1.8333) x 0.0733 = 21.64 CUBIC YARDS			
GRANITE BRIDGE CURB = 2(T + C) x L = 2(17.5125 + 0.88) x 1.04 = 34.01 LINEAR FEET			
BAR LENGTHS: AS3 BARS = DIMENSION "M" - 0'-6"			
AS4 BARS = DIMENSION "R" - 0'-0'-6"			
AS6 BARS = 5'-0"			
AS7 BARS = 5'-0"			
AS8 BARS = DIMENSION "M" - 2'-2"			
AS9 BARS = DIMENSION "R" - 2'-2"			



REVISIONS AND CORRECTIONS

APPROVAL

DRAWN BY: R.S. HAUPT (NOV. 1962)

TRACED BY: R.S. HAUPT (NOV. 1962)

CHECKED BY: A.L. SMOLLEY (NOV. 1962)

Recommended For Approval: *[Signature]* 11/1/62

Recommended For Approval: *[Signature]* 11/1/62

DETAILS OF APPROACH SLAB # 2 FOR 30 FOOT BRIDGE

TO BE USED FOR BRIDGE AT STATION 30+17.34

LOCATION U.S. Route 5 over I 91

STATE OF VERMONT DEPARTMENT OF HIGHWAYS STANDARD STRUCTURE

TOWN OF WINDHAM

ROUTE NO. 5

Call 3950