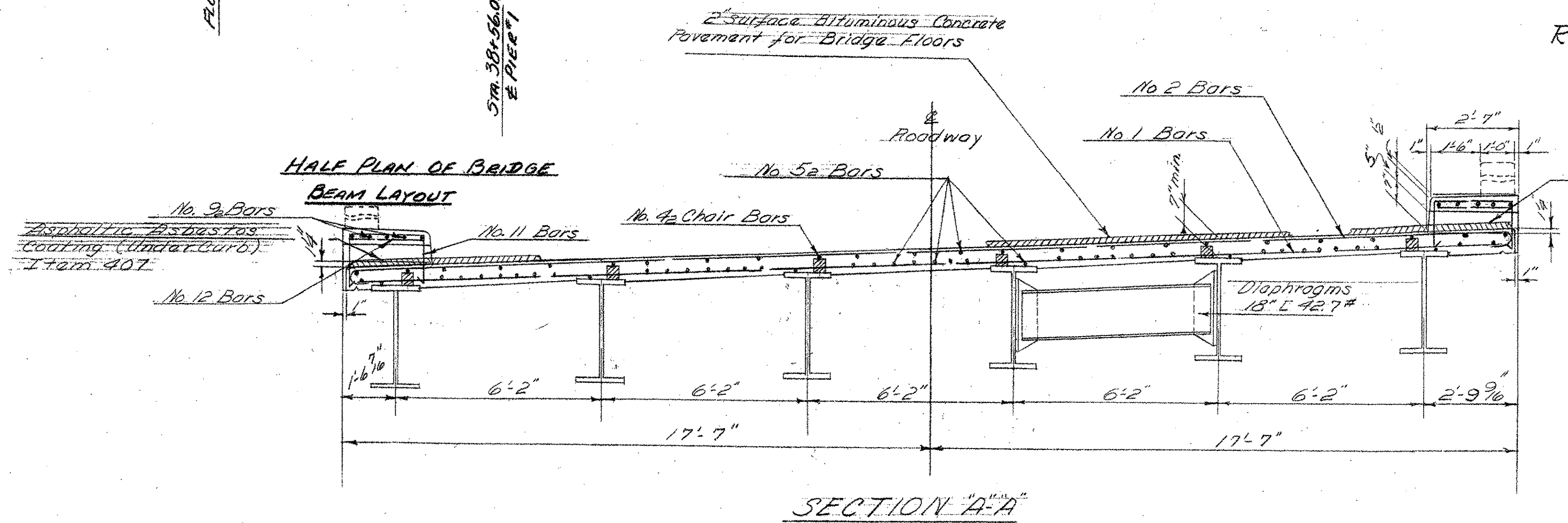


REINFORCING STEEL					REFER TO STD. SIB No. 30 (H-20)-1	
BAR SIZE	NO. OF RODS			LENGTH	DETAIL	
	SPAN 1	SPAN 2	SPAN 3			
1	5/8 φ	107	195	107	34'-6"	STRAIGHT
2	5/8 φ	107	195	107	36'-1"	
4	3/4 φ	12	NONE	12	25'-8"	STRAIGHT
4 <sub>2</sub>	3/4 φ	NONE	24	NONE	24'-3"	STRAIGHT
5	2 φ	128	NONE	128	25'-3"	STRAIGHT
5 <sub>2</sub>	2 φ	NONE	256	NONE	23'-8"	STRAIGHT
6A	1/2 φ	29	NONE	29	5'-7"	
6P	1/2 φ	29	58	29	4'-5"	
9	2 φ	20	NONE	20	25'-3"	STRAIGHT
9 <sub>2</sub>	2 φ	NONE	40	NONE	23'-8"	STRAIGHT
10	5/8 φ	12	12	12	34'-7"	STRAIGHT
11	1/2 φ	44	76	44	5'-2"	
12	2 φ	40	72	40	2'-3"	STRAIGHT

THE REINFORCING STEEL SCHEDULE ABOVE IS THE STD. SIB<sup>30</sup> (H-20)-1 SCHEDULE MODIFIED BY ELIMINATING NO. 3 BARS AND SPACING #1 & #2 BARS @ 5" O.C. LONGITUDINAL BARS IN SPANS 1 & 3 DESIGNATED AS #4, #5 & #9 LONGITUDINAL BARS IN SPAN 2 ARE DESIGNATED AS #4, #5 & #9. Modify SIB 30 (H-20)-1 to use 1" Cork Expansion Material Between Spans.

FOR ESTIMATED QUANTITIES IN BRIDGE RAILING SEE STD. DWG. 38-55-1. Beams Shall be rolled to a true circular camber with middle ordinates as follows:  
 Spans 1 & 3 Midd. Ordinate 1"  
 Span 2 " " " 3/4"  
 Roadway Slab to be Banked 1/2" Per Foot.



**MONTGOMERY BRIDGE #19**  
**BEAM LAYOUT & REINFORCING STEEL**  
**IN SUPERSTRUCTURE**

TO BE USED WITH STANDARD SIB No. 30 (H-20)-1

ESTIMATED QUANTITIES	
CONCRETE CLASS B (MOD)	198 C.Y.
REINFORCING STEEL	44240 LBS.
STRUCTURAL STEEL	247090 LBS.
BITUMINOUS CONCRETE PAVEMENT FOR BRIDGE FLOORS	707.
BRIDGE RAILING	379 L.F.
Asphaltic Asbestos Coating	67 S.Y.

SCALE 1" = 5'-0"  
 MONTGOMERY  
 BHF 0283(8)S  
 VT RTE. 118 OVER THE TROUT RIVER  
 SHEET 45 OF 45  
 FOR INFORMATION PURPOSES ONLY

REFERENCE SHEET ONLY