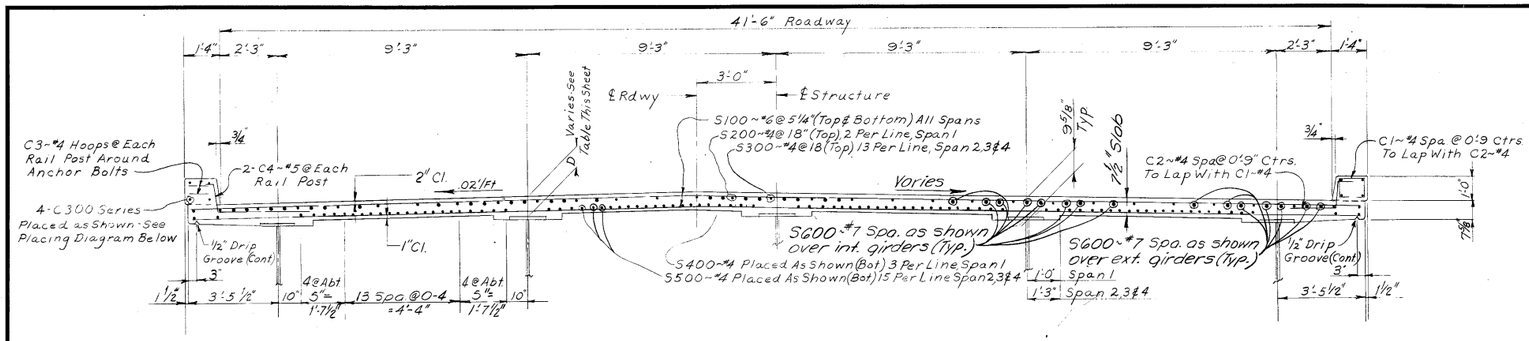
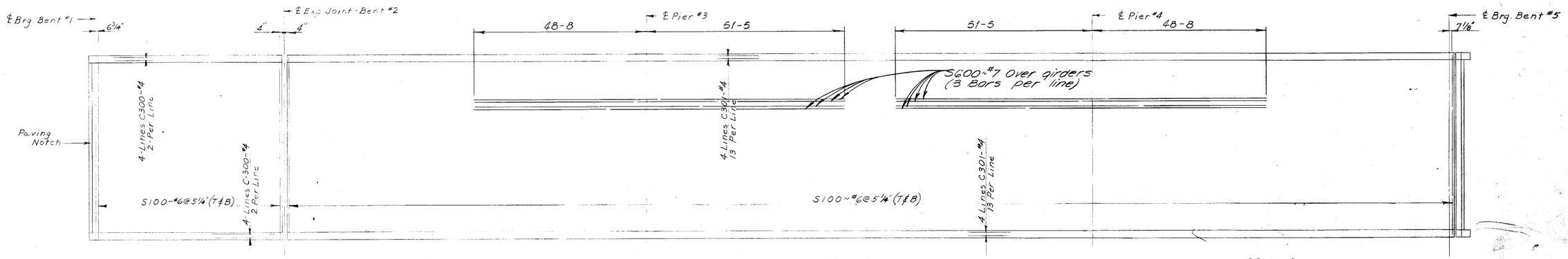
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	I-90-1(87)45	17	19

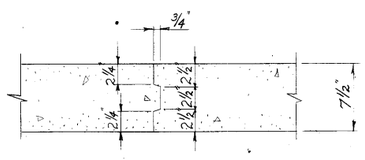


TYPICAL SECTION THRU SLAB
Scale 3/8" = 1'-0

TABLE OF "D" DIMENSIONS												
SPAN	GIRDER	℄ BRG	.1	.2	.3	.4	.5	.6	.7	.8	.9	℄ BRG
1	G1 G5	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8
1	G2 G3 G4	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8
2	G6 G10	8 15/16	8 15/16	8 15/16	8 15/16	8 15/16	8 15/16	8 15/16	8 3/8	8 3/8	7 7/8	7 7/8
2	G7 G8 G9	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8	8 1/8	8 1/8	7 5/8	7 5/8
3	G6 G10	7 7/8	7 7/8	8 1/2	8 15/16	8 15/16	8 15/16	8 15/16	8 1/2	8 1/2	7 7/8	7 7/8
3	G7 G8 G9	7 5/8	7 5/8	8 1/4	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8	8 1/4	7 5/8	7 5/8
4	G6 G10	7 7/8	7 7/8	8 3/8	8 3/8	8 15/16	8 15/16	8 15/16	8 15/16	8 15/16	8 15/16	8 15/16
4	G7 G8 G9	7 5/8	7 5/8	8 1/8	8 1/8	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8	8 7/8



PARTIAL STEEL PLACING DIAGRAM
No Scale



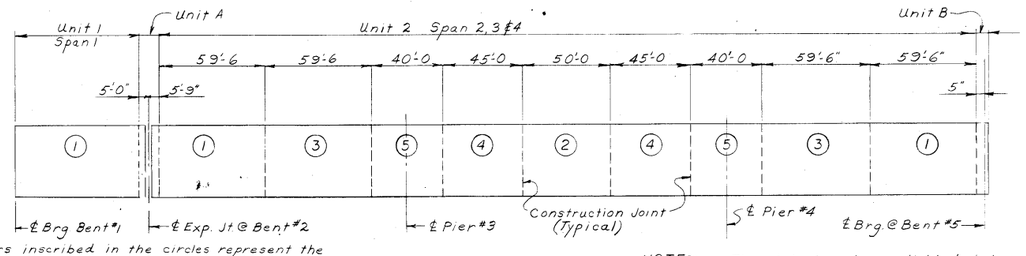
SHEAR KEY AT SLAB CONSTRUCTION JOINT
Scale 1½" = 1'-0"

NOTE: At slab construction joint, coat surface of concrete with exoxy resin bonding agent AASHTO Designation M-235-72, Type I) just prior to beginning the pour. Slab reinforcing steel shall be continuous through the pour.

BILL OF REINFORCING STEEL

TYPE 1 TYPE 2 TYPE 3 TYPE 4

STRAIGHT BARS				BENT BARS (All dimensions are out to out)								
MARK	SIZE	NO.	LENGTH	MARK	SIZE	NO.	TYPE	LENGTH	A	B	C	D
⑤ S100	#6	2490	43'-6"	C1	#4	1456	2	3'-4"	1'-0"	0'-9	0'-5	
S200	4	62	38-7	C2	4	1440	3	2-6	1-0	1-0	0-6	
S300	4	403	37-3	C3	4	272	1	3-7	0-8	0-10	0-3½	
S400	4	276	26-2	C4	5	288	3	4-9	3-3	1-0	0-6	
S500	4	1380	32-6									
S600	7	228	34-9									
				P2	5	16	4	2-9	1-1½	1-7½	0-6	
C300	4	16	39-0	P3	4	12	1	6-3	0-10	2-0	0-3½	
C301	4	104	37-6	P4	4	4	1	6-1	0-9	2-0	0-3½	
				P5	4	4	1	5-11	0-8	2-0	0-3½	
				P6	4	4	1	5-9	0-7	2-0	0-3½	
P1	5	24	2-9	P7	4	4	1	5-7	0-6	2-0	0-3½	
				P8	4	4	1	5-5	0-5	2-0	0-3½	
				P9	4	4	1	5-3	0-4	2-0	0-3½	



NOTE: The numbers inscribed in the circles represent the sequence of pouring sections of a particular unit. Sections within a unit of the same number need not be poured simultaneously. A combination of sections numbered successively may be poured continuously, but all sections of one number must be poured before pouring is started on any section of the succeeding number in the same unit.

SLAB POURING DIAGRAM
No Scale

NOTE: The slab has been divided into units as shown on the slab pouring diagram. Units numbered 1 & 2 are independent of each other and may be poured in any sequence. Units A & B are adjacent to the expansion joints and a particular unit cannot be poured until the adjoining units have been completed. For example, Unit A cannot be poured until Units 1 & 2 have been completed. Final adjustments shall be made in the expansion joints just prior to pouring the unit in which the joint is located. All forms and reinforcing steel for a unit shall be in place before pouring of that unit is started.

DESIGNED	3-2-71	J.T.G.
DRAWN	4-18-71	F.H.
TRACED		
CHECKED		
⑤ REVISED	8-21-75	J.C.H.
REVISED		

PREPARED BY
HENNINGSON, DURHAM & RICHARDSON
ENGINEERS • PLANNERS • CONSULTANTS
HELENA, MONTANA
FOR
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
BRIDGE OVER CLARK FORK
AT STA. 111 + 83.27
FEDERAL AID PROJECT NO. I-90-1(87)45
MINERAL COUNTY

SLAB DETAILS

Scale: As noted

DRAWING NO. 11570

HES. STANDARD BLUE PRINT, OMAHA 100770