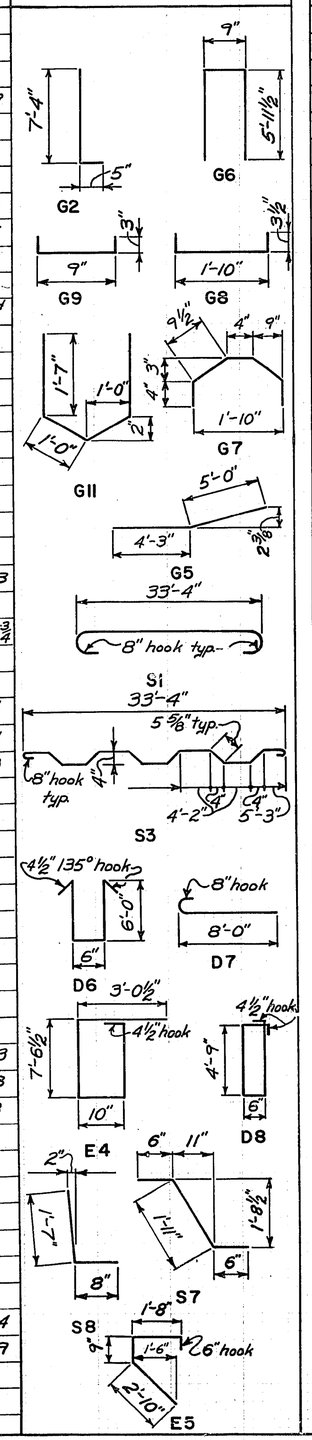
LOCATION	STRAIGHT BARS MARK	NO.	SIZE	LENGTH	BENT BARS MARK	NO.	SIZE	LENGTH
PRESTRESSED CONCRETE GIRDER – *Series 14 (Quantities*								
shown are for one girder)								
Bottom flange	G1	52	4	1-10				
Stirrups					G2	180	4	7-9
Top flange	G3	90	5	3-4				
Top flange longit.	G4	4	5	121-11	2 splices @ 2'-2" allowed per line.			
End block longit.					G5	44	4	9-3
" " *vert.*					G6	18	5	12-8
" " *ties*					G7	38	4	2-7
" " "					G8	38	4	2-5
" " "					G9	100	4	1-3
Top flange longit.	G10	2	4	120-11	2 splices @ 1'-8" allowed per line.			
" " *transv.*					G11	68	4	5-2
SUPERSTRUCTURE								
SLAB								
Transv. top					*S1	101	6	34-8
" *bottom*	S2	101	6	33-4				
" *bent*					*S3	98	6	35-5¾
Longit. top	*S4	35	5	124-0	2 splices @ 2'-2" allowed per line.			
" " *@ diaph.*	S5	24	5	5-0				
" *bottom*	S6	36	5	124-0	2 splices @ 2'-2" allowed per line.			
Parapet ties					*S7	320	5	2-11
" "					*S8	160	4	2-3
**Epoxy Coated Bars								
DIAPHRAGM								
Horizontal top	D1	4	6	33-4				
" *sides*	D2	36	4	8-5				
" *bottom*	D3	4	6	8-0				
Dowels	D4	4	8	4-8				
Dowels	D5	12	6	3-5				
Stirrups					D6	30	4	13-3
Horizontal bottom					D7	8	6	8-8
Stirrups					D8	12	4	11-3
END DIAPHRAGM								
Horiz. top & bottom	E1	8	6	31-4				
" *sides*	E2	24	4	31-4				
" *Pvmt. seat*	E3	4	5	30-2				
Stirrups					E4	56	4	19-4
Pvmt. seat ties					E5	54	5	5-9

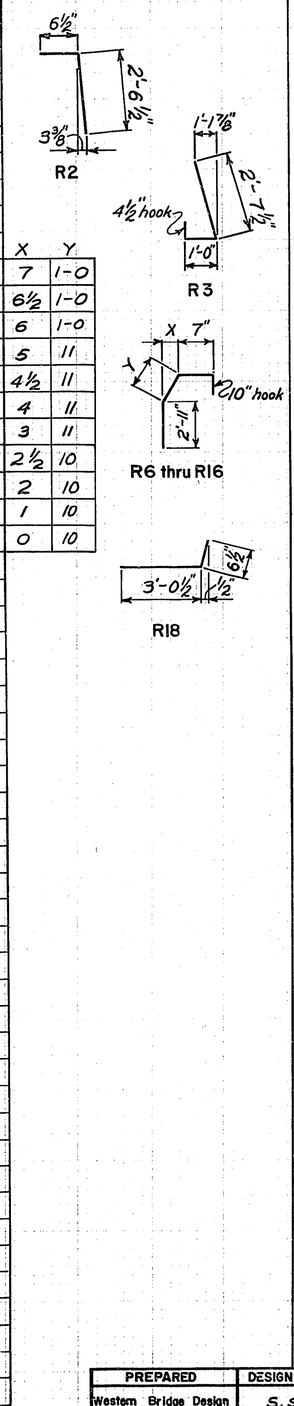
BENDING DIAGRAMS
ALL DIMENSIONS OUT TO OUT



LOCATION	STRAIGHT BARS MARK	NO.	SIZE	LENGTH	BENT BARS MARK	NO	SIZE	LENGTH
PARAPET								
Vertical	R1	160	4	3-1				
"					R2	160	4	3-1
"					R3	320	5	4-0
Horizontal	R4	12	4	125-2	2 splices @ 1'-8" allowed per line.			
"	R5	4	6	125-2	2 splices @ 2'-7" allowed per line.			
Vertical					R6	68	5	5-4
" , *end taper*					R7	4	5	5-4
" , " "					R8	4	5	5-4
" , " "					R9	4	5	5-3
" , " "					R10	4	5	5-3
" , " "					R11	4	5	5-3
" , " "					R12	4	5	5-3
" , " "					R13	4	5	5-2
" , " "					R14	4	5	5-2
" , " "					R15	4	5	5-2
" , " "					R16	4	5	5-2
"	R17	56	4	3-1				
"					R18	56	4	3-7
Horizontal	R19	8	6	19-4				
"	R20	28	4	19-6				

	X	Y
R6	7	1-0
R7	6½	1-0
R8	6	1-0
R9	5	11
R10	4½	11
R11	4	11
R12	3	11
R13	2½	10
R14	2	10
R15	1	10
R16	0	10

BENDING DIAGRAMS
ALL DIMENSIONS ARE OUT TO OUT



LOCATION	STRAIGHT BARS MARK	NO.	SIZE	LENGTH	BENT BARS MARK	NO.	SIZE	LENGTH

BENDING DIAGRAMS
ALL DIMENSIONS ARE OUT TO OUT

REGION NO.	STATE	FED. AID PROJECT NO.
10	WASH.	FLH-F-410(26)

86E084

DONALD R. OLSON
STATE OF WASHINGTON
8024
REGISTERED
PROFESSIONAL ENGINEER

Contract 3198

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SR 410
PIERCE COUNTY LINE TO
UNION CREEK
AMERICAN RIVER BRIDGE 410/206

BAR LIST 410/206

SHEET 83 OF 97 SHEETS

PREPARED	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	BRIDGE DRAWING	DATE	DRAWING NO.
Western Bridge Design Denver, Colorado	S.S.B.	ATU	JWK	NONE	9 of 9	NOV. 1985	RG 2453-1

GPO 880-297-3

SR 410/104

170/47