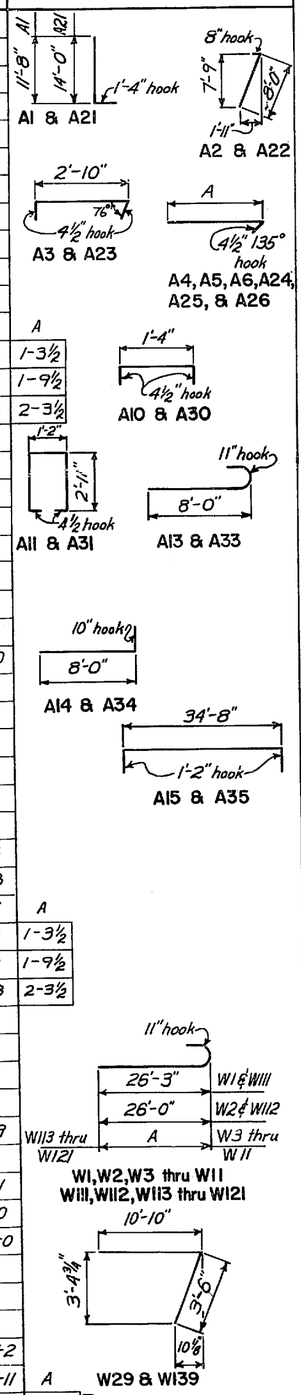
LOCATION	STRAIGHT BARS MARK	NO.	SIZE	LENGTH	BENT BARS MARK	NO.	SIZE	LENGTH
SUBSTRUCTURE								
ABUT. 1 & 2 FOOTING								
Bott. transv.	F1	18	5	41-8				
Top transv.	F2	14	4	41-8				
Bott. longit.	F3	134	9	8-8				
Top longit.	F4	60	4	8-8				
Bott. transv. @ ends	F5	52	9	9-0				
ABUTMENT 1 WALL								
Vert., b.f.					A1	128	8	13-0
" " o.f.					A2	32	4	8-8
Ties @ top					A3	32	4	3-7
" "					A4	48	4	1-8
" "					A5	8	4	2-2
" "					A6	8	4	2-8
					A7	Deleted		
					thru			
					A9	Deleted		
Ties @ top					A10	16	4	2-1
" " "					A11	18	4	7-9
Horiz.	A12	18	5	24-3				
" @ ends					A13	34	7	8-11
" " "					A14	34	5	8-10
" , top					A15	3	7	37-0
"	A16	6	4	6-3				
	A17	Deleted						
	thru							
	A20	Deleted						
ABUTMENT 2 WALL								
Vert., b.f.					A21	128	8	15-4
" " a.f.					A22	32	4	8-8
Ties @ top					A23	32	4	3-7
"					A24	64	4	1-8
"					A25	8	4	2-2
"					A26	8	4	2-8
					A27	Deleted		
					thru			
					A29	Deleted		
Ties @ top					A30	16	4	2-1
" " "					A31	18	4	7-9
Horiz.	A32	22	5	24-3				
" @ ends					A33	44	7	8-11
" " "					A34	44	5	8-10
" , top					A35	3	7	37-0
"	A36	6	4	6-3				
WINGWALLS A & B								
Longit. & bott. f.f.					W1	8	8	27-2
" , f.f.					W2	2	8	26-11
" " "					W3	2ea.	8	25-8
" " "					thru	of 9		to
" " "					W11	=18	8	18-5

BENDING DIAGRAMS
ALL DIMENSIONS ARE OUT TO OUT



LOCATION	STRAIGHT BARS MARK	NO.	SIZE	LENGTH	BENT BARS MARK	NO.	SIZE	LENGTH
Longit., f.f.	W12	2ea.	6	16-3				
" " "	thru	of 5		to				
" " "	W16	=10	6	8-3				
Longit., o.f.	W17	2	5	26-4				
" " "	W18	2ea.	5	24-3				
" " "	thru	of 9		to				
" " "	W26	=18	5	8-3				
" " b.f.	W27	4	5	6-0				
" " "	W28	4	5	4-0				
" top					W29	4	8	14-4
" "	W30	4	8	19-8				
	W31	Deleted						
Fillet					W32	2ea.	7	6-2
"					thru	of 10		to
"					W41	=20	7	8-10
"					W42	8	6	8-6
Longit.					W43	8	5	5-2
Vert. @ top					W44	80	4	5-7
" , f.f.					W45	2ea.	5	2-5
" " "					thru	of 30		to
" " "					W74	=60	5	14-6
" " o.f.					W75	2ea.	4	2-5
" " "					thru	of 30		to
" " "					W104	=60	4	14-6
Dowels					W105	6	8	10-2
"					W106	24	6	8-9
Vertical	W107	24	6	12-5				
"	W108	4	8	15-0				
"					W109	8	5	11-4
Horiz. @ ea. #8W105					W110	6	3	3-2½
WINGWALL C & D								
Longit. & bott. f.f.					W111	8	8	27-2
" , f.f.					W112	2	8	26-11
" " "					W113	2ea.	8	25-8
" " "					thru	of 9		to
" " "					W121	=18	8	18-5
" " "	W122	2ea.	6	16-3				
" " "	thru	of 5		to				
" " "	W126	=10	6	8-3				
" " o.f.	W127	2	5	26-4				
" " "	W128	2ea.	5	24-3				
" " "	thru	of 9		to				
" " "	W136	=18	5	8-3				
" " b.f.	W137	4	5	6-0				
" " "	W138	4	5	4-0				
" top					W139	4	8	14-4
" "	W140	4	8	19-8				
	W141	Deleted						
Fillet					W142	2ea.	7	16-2
"					thru	of 10		to
"					W151	=20	7	8-10
"					W152	14	6	8-6

BENDING DIAGRAMS
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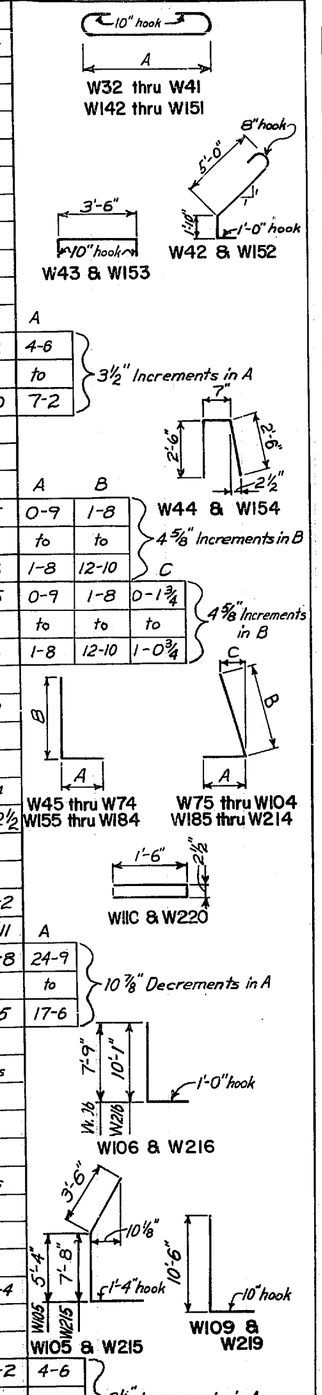
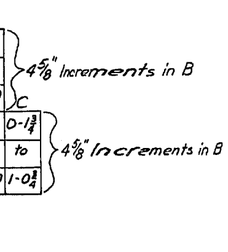


LOCATION	STRAIGHT BARS MARK	NO.	SIZE	LENGTH	BENT BARS MARK	NO.	SIZE	LENGTH
Longit.					W153	14	5	5-2
Vert. @ top					W154	80	4	5-7
" , f.f.					W155	2ea.	5	2-5
" , f.f.					thru	of 30		to
" , f.f.					W184	=60	5	14-6
" , o.f.					W185	2ea.	4	2-5
" , o.f.					thru	of 30		to
" , o.f.					W214	=60	4	14-6
Dowels					W215	6	8	12-6
"					W216	24	6	11-1
Vertical	W217	24	6	12-5				
"	W218	4	8	15-0				
"					W219	8	5	11-4
Horiz. @ ea. #8W215					W220	6	3	3-2½

BENDING DIAGRAMS
ALL DIMENSIONS ARE OUT TO OUT



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 82 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	8 of 9	NOV. 1985	RG 2453-H

SR 410/104