

BAR LIST

All Dimensions Out. to Out. Angles = 45°

Mark	Location	No.	Size	Length	Bending Diagram
1	Handrail Top H to J	2	3/4"	39'-4"	
2	" " D to H	4	3/4"	37'-2"	
3	" " J to O	4	3/4"	32'-9"	
4	do	2	3/4"	32'-6"	Straight
5	" " O to E. end	4	3/4"	35'-10"	
6	" " W. end to D	4	3/4"	32'-10"	
7	do	2	3/4"	32'-8"	Straight
8	" Panel Bottom H to J	4	1/2"	39'-4"	
9	" " D to H	8	1/2"	36'-8"	
10	" " J to O	8	1/2"	32'-4"	
11	" " " "	4	1/2"	32'-2"	Straight
12	" " O to E. end	8	1/2"	35'-5"	
13	" " W. end to D	8	1/2"	32'-5"	
14	do	4	1/2"	32'-3"	Straight
15	" Main Posts Vert.	50	3/4"	11'-2"	
16	" " Exp. Jts.	4	3/4"	6'-7"	
17	" " Hoops	15	1/2"	5'-6"	
18	" Panel Posts Vert.	36	3/4"	5'-8"	
19	do	36	3/4"	5'-8"	
20	" " Vert.	129	1/2"	4'-0"	
21	Coping H to J	1	3/8"	37'-8"	Straight
22	" " D to H	2	3/8"	37'-9"	do
23	" " J to O	3	3/8"	32'-4"	do
24	" " O to E. end	2	3/8"	36'-0"	do
25	" " W. end to D	3	3/8"	32'-0"	do
26	Girder under rail H to J	4	3/4"	38'-9"	
27	" " D to H	8	3/4"	38'-3"	
28	" " J to O	8	3/4"	33'-6"	
29	" " " "	4	3/4"	32'-6"	Straight
30	" " O to E. end	8	3/4"	37'-0"	
31	" " W. end to D	8	1"	34'-0"	
32	" " " "	4	1"	33'-0"	Straight
33	" " " "	2	1"	37'-6"	
34	" " " "	2	1"	39'-0"	
35	" " D to H	2	3/4"	43'-0"	
36	" " H to J	1	3/4"	42'-0"	
37	" " J to O	2	3/4"	43'-0"	
38	" " " "	1	3/4"	27'-2"	
39	" " O to E. end	1	3/4"	43'-0"	
40	" " " "	1	3/4"	36'-0"	
41	" " Posts	24	3/4"	9'-2"	
42	" " Exp. Jts.	8	3/4"	7'-6"	
43	" " Hoops	209	1/2"	4'-6"	
44	Sidewalk Longit. H to J	8	3/8"	37'-6"	Straight
45	" " D to H	16	3/8"	37'-0"	do
46	" " J to O	24	3/8"	32'-8"	do
47	" " W. end to D	24	3/8"	Varies	16 @ 32'-8" 8 (32'-8" + 28'-8")

Mark	Location	No.	Size	Length	Bending Diagram
48	Sidewalk Longit. O to E. end	16	3/8"	36'-2"	Straight
49	Curb Beam H to J	4	3/4"	37'-0"	do
50	" " D to H	8	3/4"	38'-0"	do
51	" " J to O	12	3/4"	32'-6"	do
52	" " W. end to D	8	3/4"	33'-6"	do
53	" " " "	12	3/4"	37'-0"	do
54	Sidewalk Transv.	220	3/8"	7'-7"	
55	" " W. end	8	3/8"	Varies	do Ave. 5'-9"
56	" " " "	220	3/8"	7'-3"	
57	" " W. end	8	3/8"	Varies	do Ave. 3'-6"
58	" " " "	440	3/8"	9'-1"	
59	W.W.P. Girder W. end to D	12	1"	31'-6"	
60	" " " "	4	1"	32'-6"	
61	" " " "	2	1"	44'-9"	
62	" " D to H	16	1"	41'-6"	
63	" " " "	2	1"	43'-3"	
64	" " " "	2	1"	43'-6"	
65	" " H to J	8	1"	38'-0"	
66	" " " "	2	1"	40'-8"	
67	" " J to O	16	1"	34'-7"	
68	" " " "	8	1"	33'-1"	Straight
69	" " " "	4	1"	43'-6"	
70	" " " "	2	1"	26'-4"	
71	" " O to E. end	16	1"	27'-6"	
72	" " " "	2	1"	44'-8"	
73	" " @ E, I, M, P	8	3/4"	12'-0"	Straight
74	" " Hoops W. end to D	28	1/2"	Varies	
75	" " " "	14	1/2"	Varies	
76	" " Hoops B to E. end	408	1/2"	10'-4"	
77	" " " "	204	1/2"	10'-0"	
78	" " @ Exp. Jts.	4	1"	12'-0"	Straight
79	" " " "	8	1"	14'-6"	
80	" " Hoops	52	1/2"	6'-2"	
81	Floor Beams C, E, F, G, I, K, L, M, N, P, Q, D, H, J, O	30	1"	24'-3"	
82	" " E, F, G, I, K, L, M, N, P, Q, D, H, J, O	14	1"	24'-9"	
83	do	28	1"	25'-4"	
84	do	28	1"	25'-6"	
85	" " D, H, J, O	4	1"	10'-0"	
86	do	4	1"	15'-3"	
87	Hoops C, E, F, G, I, K, L, M, N, P, Q, B	216	1/2"	9'-8"	
88	" " D, H, J, O @ back	16	1/4"	5'-0"	
89	do	16	1/4"	6'-0"	
90	do	16	1/4"	7'-0"	
91	do	16	1/4"	8'-0"	
92	Hoops E, F, G, I, K, L, M, N, P, Q, D, H, J, O front	14	1/4"	6'-6"	
93	do	14	1/4"	7'-2"	

Mark	Location	No.	Size	Length	Bending Diagram
94	Hoops E, F, G, I, K, L, M, N, P, Q, D, H, J, O front	14	1/2"	8'-2"	
95	do	14	1/2"	8'-8"	
96	E, F, G, I, K, L, M, N, P, Q	10	1/2"	9'-2"	
97	do	10	1/2"	9'-6"	
98	Hoops D, H, J, O back to front	16	1/2"	10'-9"	
99	do	12	1/2"	10'-8"	
100	do	12	1/2"	10'-7"	
101	do	16	1/2"	10'-6"	
102	do	16	1/2"	10'-5"	
103	do	8	1/2"	10'-4"	
104	do	4	1/2"	8'-8"	
105	Beam B Longit.	2	1"	16'-6"	
106	do	2	1"	18'-0"	
107	do	3	1"	19'-0"	
108	Old Caps	68	1"	4'-9"	
109	" " Hoops	17	3/4"	6'-2"	
110	" " " "	17	3/4"	5'-10"	
111	" " " "	17	3/4"	5'-6"	
112	" " " "	17	3/4"	5'-2"	
113	Beam C	2	1"	27'-6"	
114	" " " "	1	1"	27'-0"	
115	" " " "	2	1"	28'-0"	
116	" " Hoops front	7	1/2"	Varies	
117	do	4	1/2"	Varies	
118	do	1	1/2"	4'-10"	
119	Beam @ sect. D-D	2	1 1/4"	36'-0"	
120	do	2	1"	38'-0"	
121	do	3	1 1/4"	24'-3"	
122	do	1	1 1/4"	27'-3"	
123	do	1	1 1/4"	21'-6"	
124	do	1	1 1/4"	24'-0"	
125	do	1	1 1/4"	26'-6"	
126	do	1	1 1/4"	28'-6"	
127	" " Hoops back to front	3	1/2"	Varies	
128	do	4	1/2"	12'-4"	
129	do	2	1/2"	12'-8"	
130	do	2	1/2"	13'-0"	
131	do	6	1/2"	Varies	
132	do	6	1/2"	Varies	
133	do	7	1/2"	Varies	
134	do	3	1/2"	Varies	
135	do	4	1/2"	Varies	
136	Beam @ sect. E-E	2	1"	40'-0"	
137	do	2	1"	37'-2"	
138	do	2	1"	38'-6"	
139	do	2	1"	37'-0"	
140	do Hoops	28	1/2"	10'-0"	

CITY STREET CITY OF SPOKANE WIDENING POST STREET BRIDGE OVER SPOKANE RIVER SPOKANE COUNTY

STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED: MAY 21, 1936
BRIDGE ENGINEER
DIRECTOR OF HIGHWAYS

SHEET 11 OF 4 SHEETS
CONTRACT NUMBER -

CITY OF SPOKANE
DEPT. OF PUBLIC WORKS - ENGINEERING DIVISION


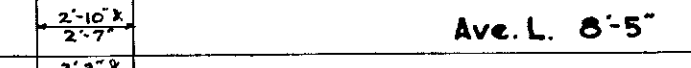
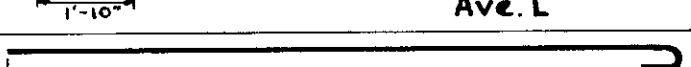
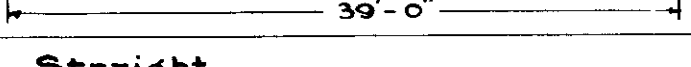

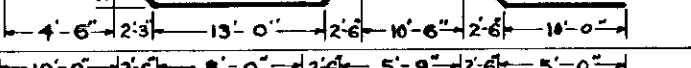
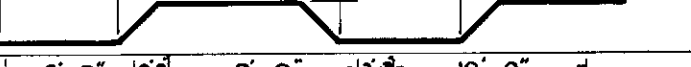
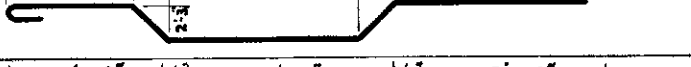

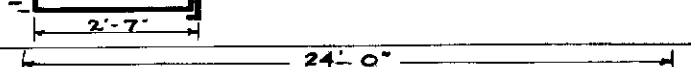

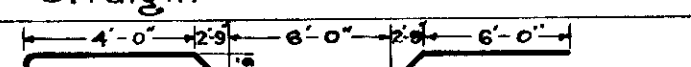
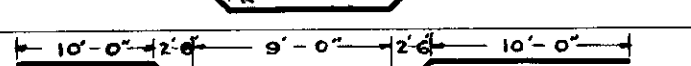
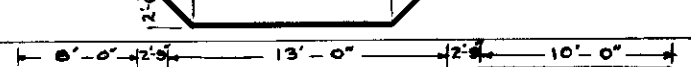
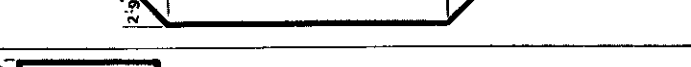
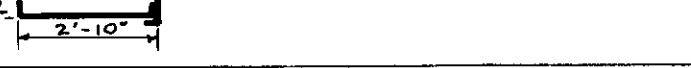

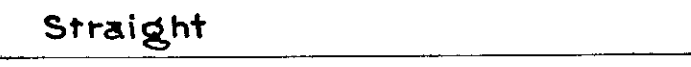


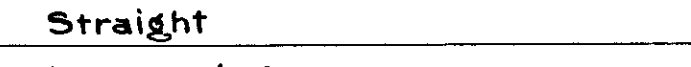

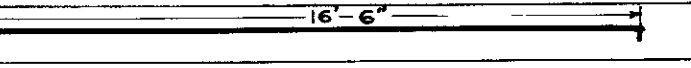
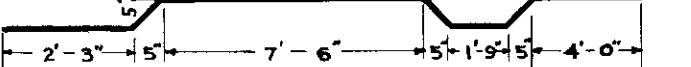
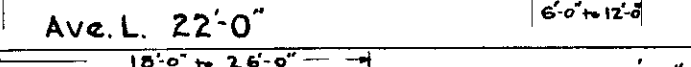
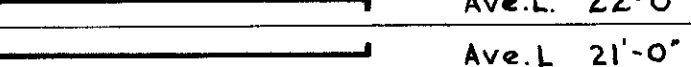

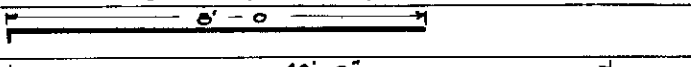
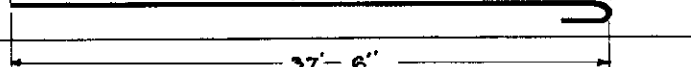
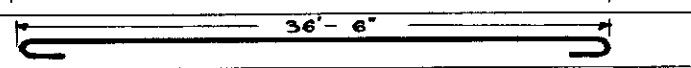
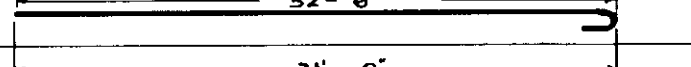
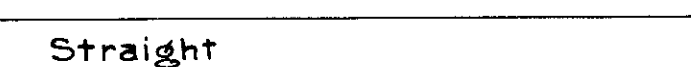
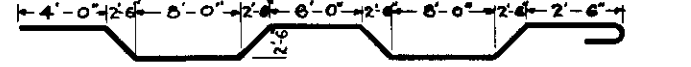
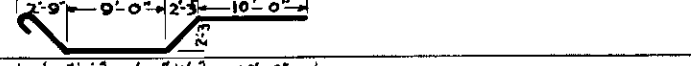
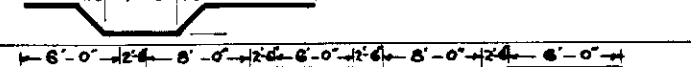
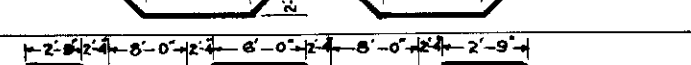
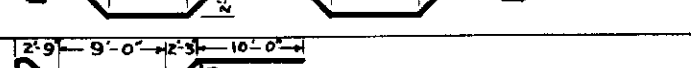
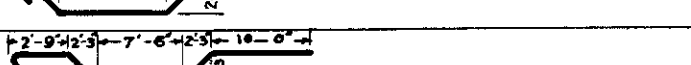
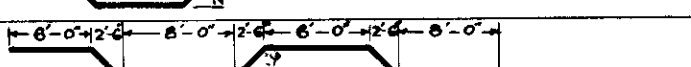
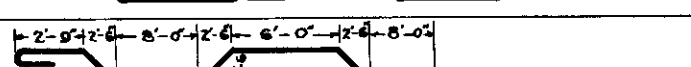

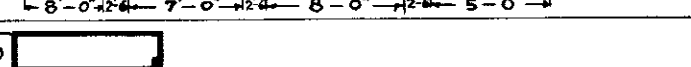
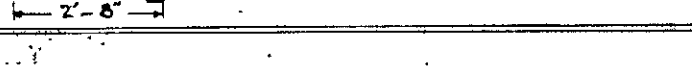



POST STREET BRIDGE
#814 WIDENING


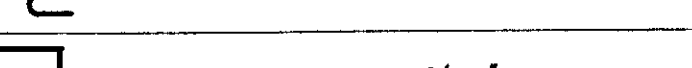
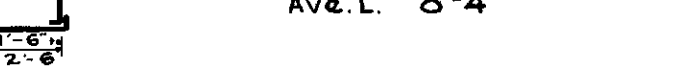
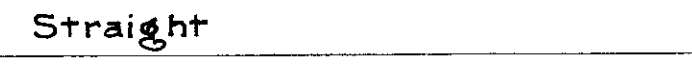
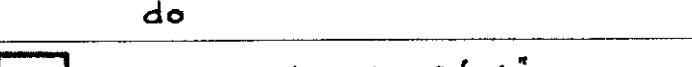


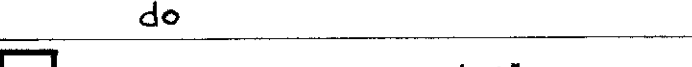
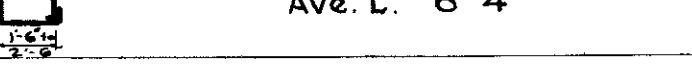
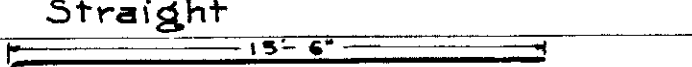
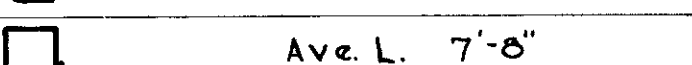

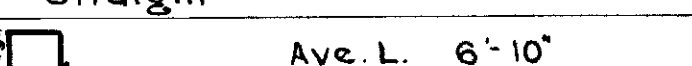

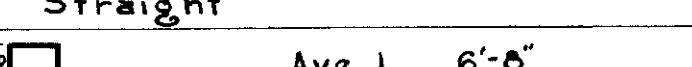

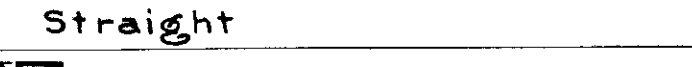




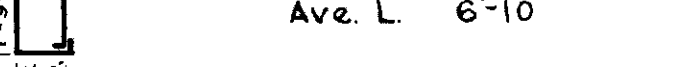

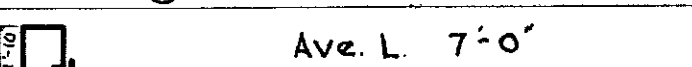
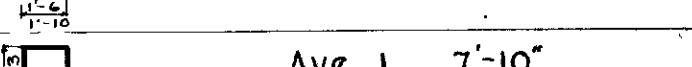
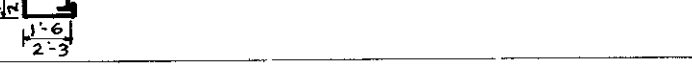


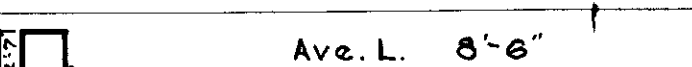
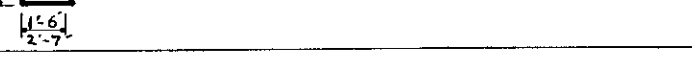
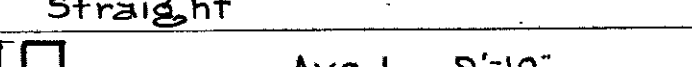
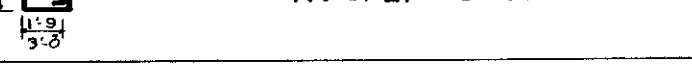


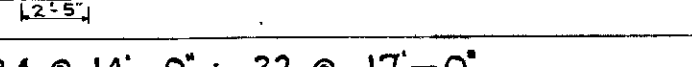
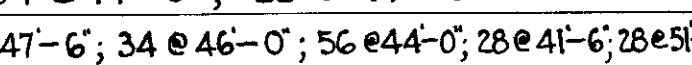
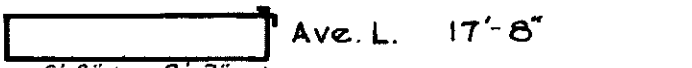
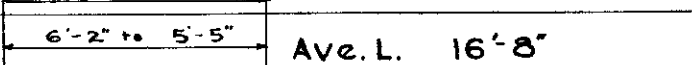
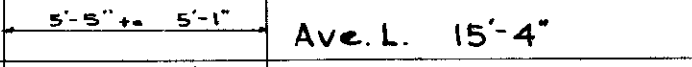
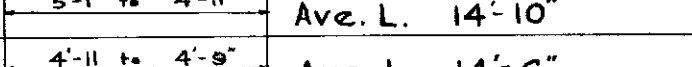
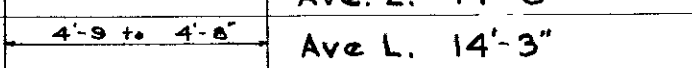

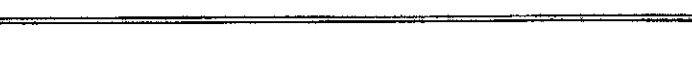
BAR LIST
NOVEMBER 1935
B. J. GARNETT, ENGINEER

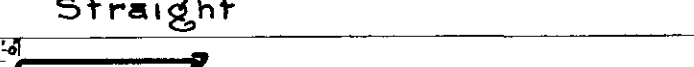


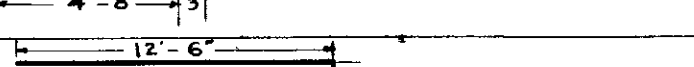
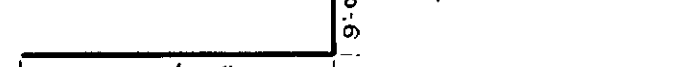
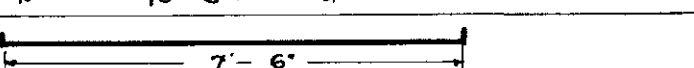
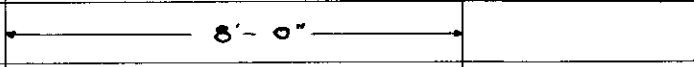
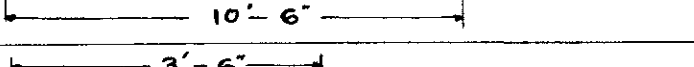
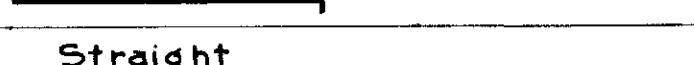
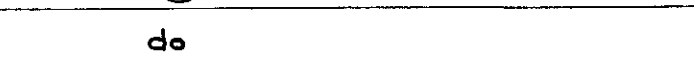
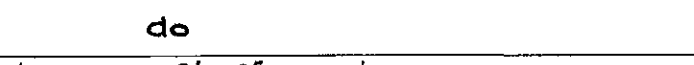

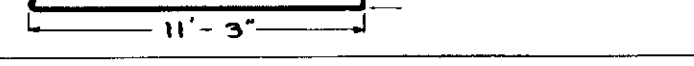
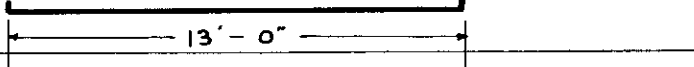
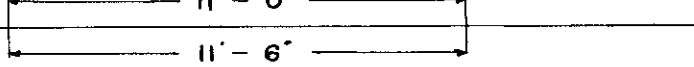




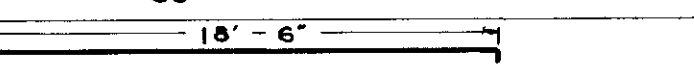

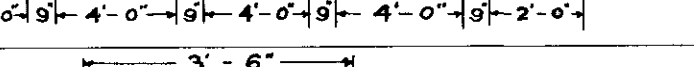
APPROVED: CITY ENGINEER

7-15-36 Changed Bars Nos 15, 16, 18, 19 to 3/4"
DATE REVISION BY CHKD

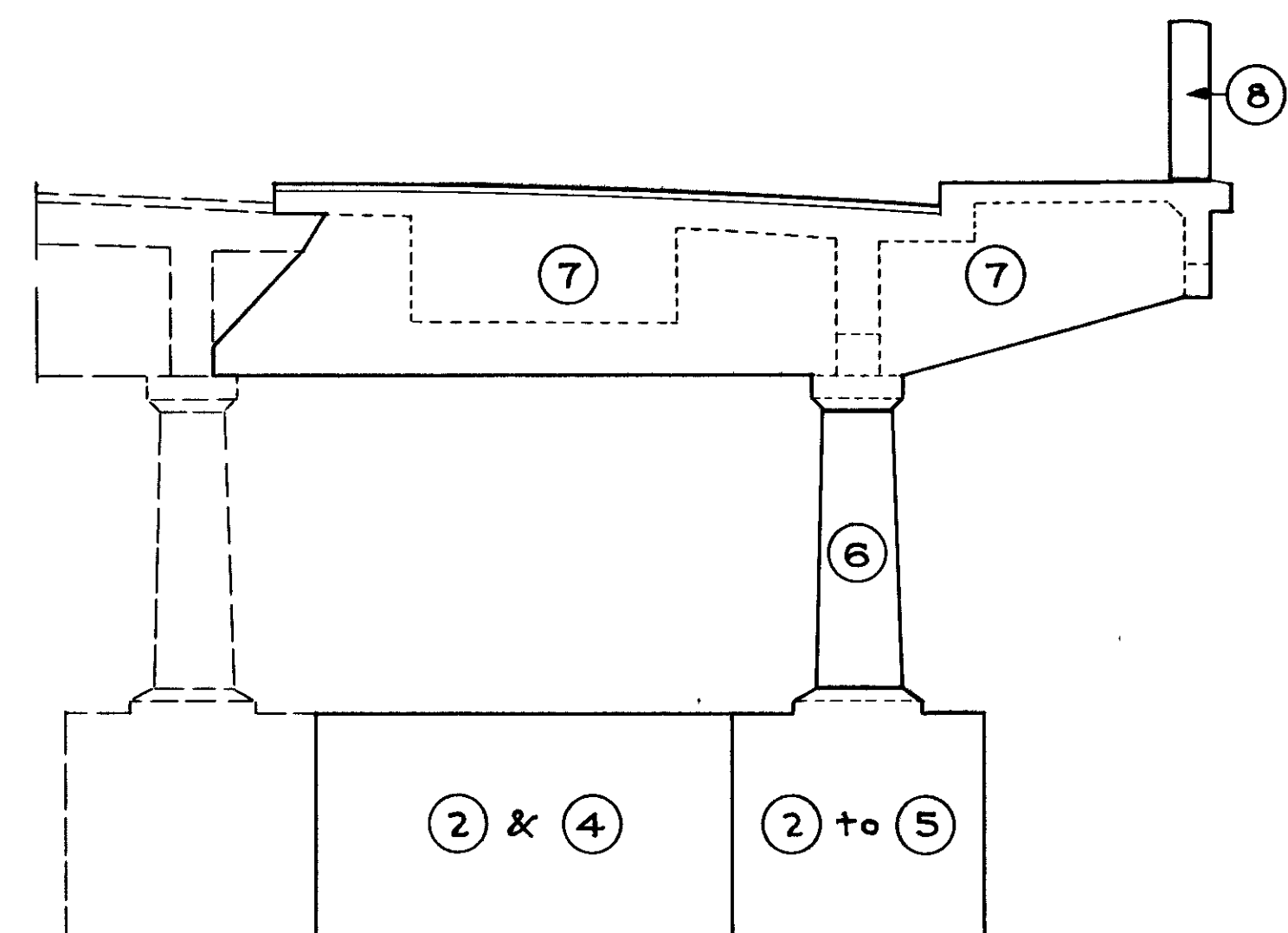
BAR LIST (CONT.)

Mark	Location	No.	Size	Length	Bending Diagram
141	Beam @ E-E (cont) Hoops front	2	1/2" Φ	Varies	 Ave. L. 9'-6"
142	do	2	1/2" Φ	Varies	 Ave. L. 8'-5"
143	do	2	1/2" Φ	Varies	 Ave. L.
144	Beam @ sect. A-A	4	1" Φ	40'-6"	 39'-0"
145	do	4	1" Φ	39'-0"	 Straight
146	do	2	1" Φ	49'-6"	 4'-6" 2'-3" 13'-0" 2'-6" 10'-6" 2'-6" 18'-0"
147	do	2	1" Φ	39'-3"	 10'-0" 2'-6" 8'-0" 2'-6" 5'-8" 2'-6" 5'-0"
148	do	1	1" Φ	33'-3"	 6'-0" 2'-3" 9'-0" 2'-3" 10'-0"
149	do	2	1" Φ	38'-0"	 9'-0" 2'-4" 14'-0" 2'-4" 9'-0"
150	do Hoops	82	1/2" Φ	7'-8"	 2'-7" 24'-0"
151	Beam @ sect. B-B	4	1" Φ	25'-6"	 Straight
152	do	4	1" Φ	24'-0"	 4'-0" 2'-3" 6'-0" 2'-3" 6'-0"
153	do	2	1" Φ	25'-6"	 10'-0" 2'-6" 9'-0" 2'-6" 10'-0"
154	do	2	1" Φ	37'-0"	 6'-0" 2'-3" 13'-0" 2'-3" 10'-0"
155	do	2	1" Φ	39'-0"	 6'-0" 2'-3" 13'-0" 2'-3" 10'-0"
156	do Hoops	51	1/2" Φ	8'-2"	 2'-10" 16'-6"
157	Beam @ M.H.	4	1" Φ	17'-0"	 Straight
158	Floor Slab Longit. H to J	15	1/2" Φ	37'-0"	 Straight
159	do D to H	30	1/2" Φ	37'-4"	 do
160	do J to O	45	1/2" Φ	31'-9"	 do
161	do O to E end	30	1/2" Φ	Varies	 Ave. L. 30'-0"
162	do D to B	15	1/2" Φ	37'-0"	 Straight
163	do B to W end	30	1/2" Φ	Varies	 Ave. L. 29'-0"
164	do	19	1/2" Φ	Varies	 Ave. L. 35'-0"
165	Floor Slab Transv. O to E end	350	1/2" Φ	16'-10"	 16'-6"
166	do	175	1/2" Φ	18'-0"	 2'-3" 4'-5" 7'-6" 5'-1" 5'-4" 4'-0"
167	do B to C	12	1/2" Φ	Varies	 Ave. L. 22'-0"
168	do	24	1/2" Φ	Varies	 18'-0" 2'-6" Ave. L. 22'-0"
169	do W. end to B	33	3/8" Φ	Varies	 Ave. L. 21'-0"
170	do	66	3/8" Φ	Varies	 Ave. L. 24'-0"
170	do	30	3/8" Φ	8'-0"	 8'-0"
172	Beam over arch B to D	4	3/4" Φ	41'-6"	 40'-0"
173	do D to H	8	3/4" Φ	39'-0"	 37'-6"
174	do H to J	4	3/4" Φ	39'-0"	 36'-6"
175	do J to O	12	3/4" Φ	34'-0"	 32'-6"
176	do O to E end	4	3/4" Φ	32'-6"	 31'-0"
177	do	4	3/4" Φ	31'-0"	 Straight
178	do B to D	2	3/4" Φ	42'-0"	 4'-0" 2'-6" 8'-0" 2'-6" 8'-0" 2'-6" 2'-6"
179	do D to H	2	1" Φ	27'-0"	 2'-9" 9'-0" 2'-3" 10'-0"
180	do	2	1" Φ	27'-0"	 2'-6" 2'-3" 7'-6" 2'-3" 10'-0"
181	do	2	1" Φ	48'-0"	 2'-6" 8'-0" 2'-6" 8'-0" 2'-6" 8'-0" 2'-6"
182	do H to J	2	1" Φ	44'-6"	 2'-9" 9'-0" 2'-3" 10'-0"
183	do J to O	2	1" Φ	27'-0"	 2'-3" 2'-3" 7'-6" 2'-3" 10'-0"
184	do	2	1" Φ	27'-0"	 2'-3" 2'-3" 7'-6" 2'-3" 10'-0"
185	do	4	1" Φ	36'-6"	 6'-0" 2'-6" 8'-0" 2'-6" 8'-0" 2'-6" 8'-0"
186	do O to E end	2	1" Φ	35'-8"	 2'-6" 2'-6" 8'-0" 2'-6" 8'-0" 2'-6" 8'-0"
187	do	2	1" Φ	38'-6"	6'-0" 2'-6" 7'-0" 2'-6" 8'-0" 2'-6" 5'-0"
188	do Hoops	213	1/2" Φ	7'-4"	2'-8"

Mark	Location	No.	Size	Length	Bending Diagram
189	Column @ W end X Q	8	1" Φ	21'-0"	 Straight
190	do	8	1" Φ	7'-0"	 6'-0"
191	Column @ W end X Q Hoops	34	1/2" Φ	Varies	 Ave. L. 8'-4"
192	Column @ B	4	1" Φ	28'-6"	 Straight
193	do B & D	8	1" Φ	16'-0"	 do
194	Column @ B Hoops	23	1/2" Φ	Varies	 Ave. L. 9'-4"
195	Column @ C	4	1" Φ	25'-0"	 Straight
196	" @ C, D, E, M, N, O	24	1" Φ	7'-0"	 do
197	" @ C Hoops	20	1/2" Φ	Varies	 Ave. L. 8'-4"
198	Column @ D	2	1" Φ	18'-0"	 Straight
199	do	2	1" Φ	17'-0"	 15'-6"
200	do Hoops	14	1/2" Φ	Varies	 Ave. L. 7'-0"
201	Column @ E	4	1" Φ	12'-6"	 Straight
202	do Hoops	8	1/2" Φ	Varies	 Ave. L. 6'-10"
203	Column @ F	4	1" Φ	10'-6"	 Straight
204	do Hoops	4	1/2" Φ	Varies	 Ave. L. 6'-8"
205	Columns @ G & K	8	1" Φ	9'-0"	 Straight
206	do Hoops	4	1/2" Φ	6'-4"	 1'-5" 6'-0"
207	Columns @ H & J	4	1" Φ	7'-0"	 Straight
208	do	4	1" Φ	5'-6"	 4'-0"
209	Column @ I	4	1" Φ	6'-6"	 Straight
210	Column @ L	4	1" Φ	12'-0"	 do
211	do Hoops	6	1/2" Φ	Varies	 Ave. L. 6'-10"
212	Column @ M	4	1" Φ	15'-0"	 Straight
213	do Hoops	10	1/2" Φ	Varies	 Ave. L. 7'-0"
214	Column @ N Hoops	17	1/2" Φ	Varies	 Ave. L. 7'-10"
215	Column @ N	4	1" Φ	21'-0"	 Straight
216	Column @ O	2	1" Φ	28'-6"	 do
217	do	2	1" Φ	27'-0"	 25'-6"
218	do Hoops	23	1/2" Φ	Varies	 Ave. L. 8'-6"
219	Column @ P	4	1" Φ	33'-0"	 Straight
220	do Hoops	28	1/2" Φ	Varies	 Ave. L. 9'-10"
221	Cap Hoops @ W end C, D, E, F, G, H, I, J, K, L, M, N, O, Q	28	1/2" Φ	8'-4"	 2'-0" 8'-0" 2'-0"
222	Cap Hoops @ B & P	4	1/2" Φ	10'-0"	 2'-5" 8'-0" 2'-5"
223	Arch @ abuts.	56	1" Φ	Varies	 34 @ 14'-0"; 22 @ 17'-0"
224	Arch	168	1" Φ	"	 22 @ 47'-6"; 34 @ 46'-0"; 56 @ 44'-0"; 28 @ 41'-6"; 28 @ 51'-6"
225	Arch Hoops B to C & P to O	56	1/2" Φ	Varies	 Ave. L. 17'-8"
226	do C to D & O to N	104	1/2" Φ	Varies	 6'-2" to 5'-5" Ave. L. 16'-8"
227	do D to E & M to N	104	1/2" Φ	Varies	 5'-5" to 5'-1" Ave. L. 15'-4"
228	do E to F & L to M	104	1/2" Φ	Varies	 5'-1" to 4'-11" Ave. L. 14'-10"
229	do F to G & K to L	96	1/2" Φ	Varies	 4'-11" to 4'-9" Ave. L. 14'-6"
230	do G to H & J to K	96	1/2" Φ	Varies	 4'-9" to 4'-8" Ave. L. 14'-3"
231	do H to J	84	1/2" Φ	Varies	 4'-8" to 4'-7" Ave. L. 14'-1"

Mark	Location	No.	Size	Length	Bending Diagram
232	Struts	48	1" Φ	13'-0"	 Straight
233	do Hoops @ D & N	20	1/2" Φ	17'-4"	 1'-6" 5'-9" 1'-6" 5'-0" 1'-6" 4'-8" 1'-6"
234	do F & L	20	1/2" Φ	15'-10"	 5'-0" 8"
235	do H & K	20	1/2" Φ	15'-2"	 4'-8" 5"
236	Manhole @ W end Sides	15	1/2" Φ	32'-0"	 12'-6" 10'-6" 9'-0"
237	do Footing	3	3/4" Φ	10'-0"	 7'-6"
238	do	3	3/4" Φ	8'-6"	 8'-0"
239	do	3	3/4" Φ	11'-0"	 10'-6"
240	do	4	1/2" Φ	3'-9"	 3'-6"
241	do vert. N. Wall	9	1/2" Φ	16'-6"	 Straight
242	do End	3	1/2" Φ	13'-0"	 do
243	do S. Wall	8	1/2" Φ	15'-6"	 do
244	Manhole @ E end Sides	21	1/2" Φ	30'-0"	 8'-9" 11'-3" 9'-0"
245	do Footing	3	3/4" Φ	13'-6"	 13'-0"
246	do	3	3/4" Φ	11'-6"	 11'-0"
247	do	3	3/4" Φ	12'-0"	 11'-6"
248	do vert. S. Wall	8	1/2" Φ	22'-6"	 Straight
249	do end	3	1/2" Φ	20'-0"	 do
250	do N. Wall	7	1/2" Φ	23'-0"	 do
251	Wall @ E end vert.	18	1/2" Φ	22'-6"	 do
252	do	1	1/2" Φ	23'-6"	 do
253	do Horiz.	24	1/2" Φ	19'-0"	 18'-6"
254	do	8	1/2" Φ	21'-6"	

FED. ROAD DIST. NO.	STATE	USWPH PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	WASH.	WPM-269-A	1936	14	16

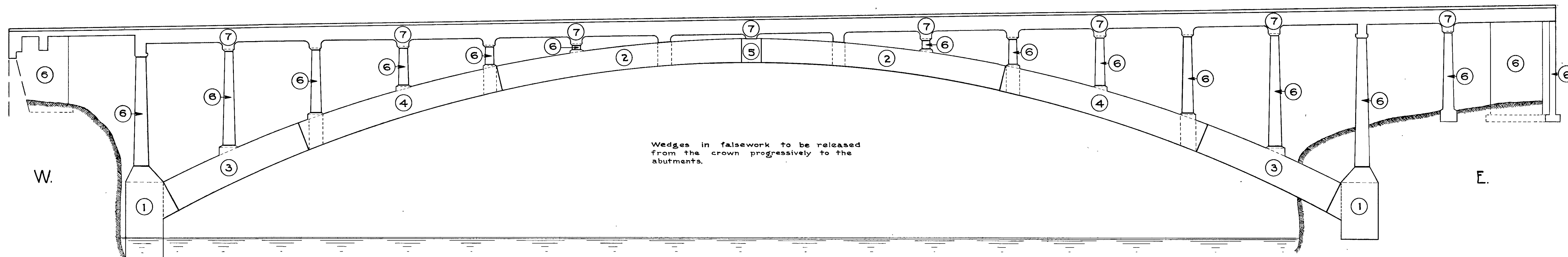


TYPICAL SECTION

DESIGN DATA H-15 LOADING

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CLASS "B" CONCRETE
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 $f_s = 18000 \text{ #/sq"}$

CONCRETE PLACING		
Order	Location	Number
1	Abutments	(1)
2	Arch & Struts	(2)
3	Arch	(3)
4	Arch & Struts	(4)
5	Arch	(5)
6	Columns, Walls & M.H.	(6)
7	Roadway	(7)
8	Handrail	(8)



Wedges in falsework to be released from the crown progressively to the abutments.

SECTION ON C.L. OF NEW ARCH

CITY STREET
CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY

STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED: MAY 21, 1936

Paul H. George BRIDGE ENGINEER
W. J. Garnett DIRECTOR OF HIGHWAYS

SHEET 13 OF 14 SHEETS
CONTRACT NUMBER
CITY OF SPOKANE
DEPT. OF PUBLIC WORKS-ENGINEERING DIVISION

POST STREET BRIDGE
#814 WIDENING
CONCRETE PLACING

NOVEMBER 1935
B. J. GARNETT, ENGINEER

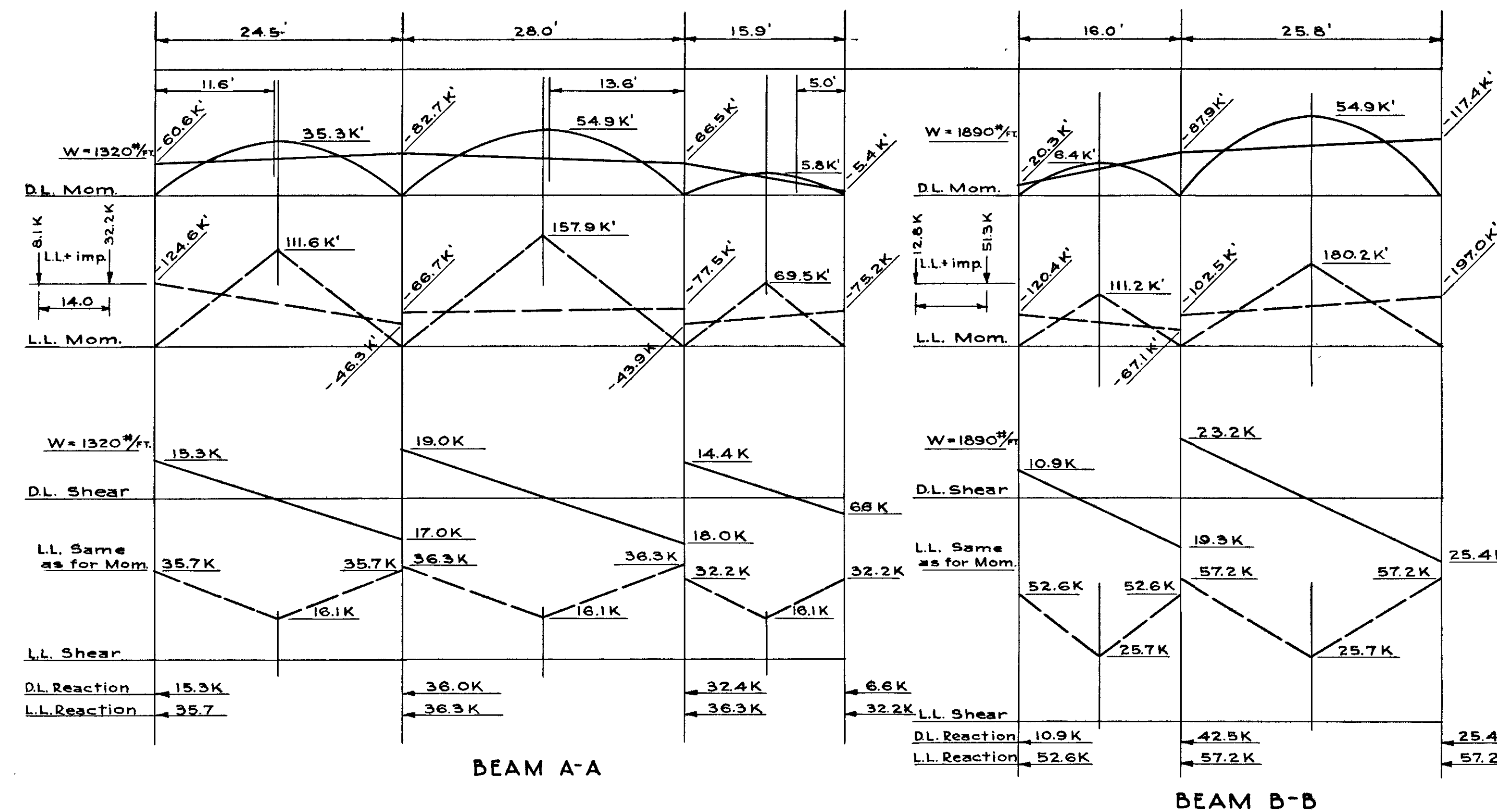
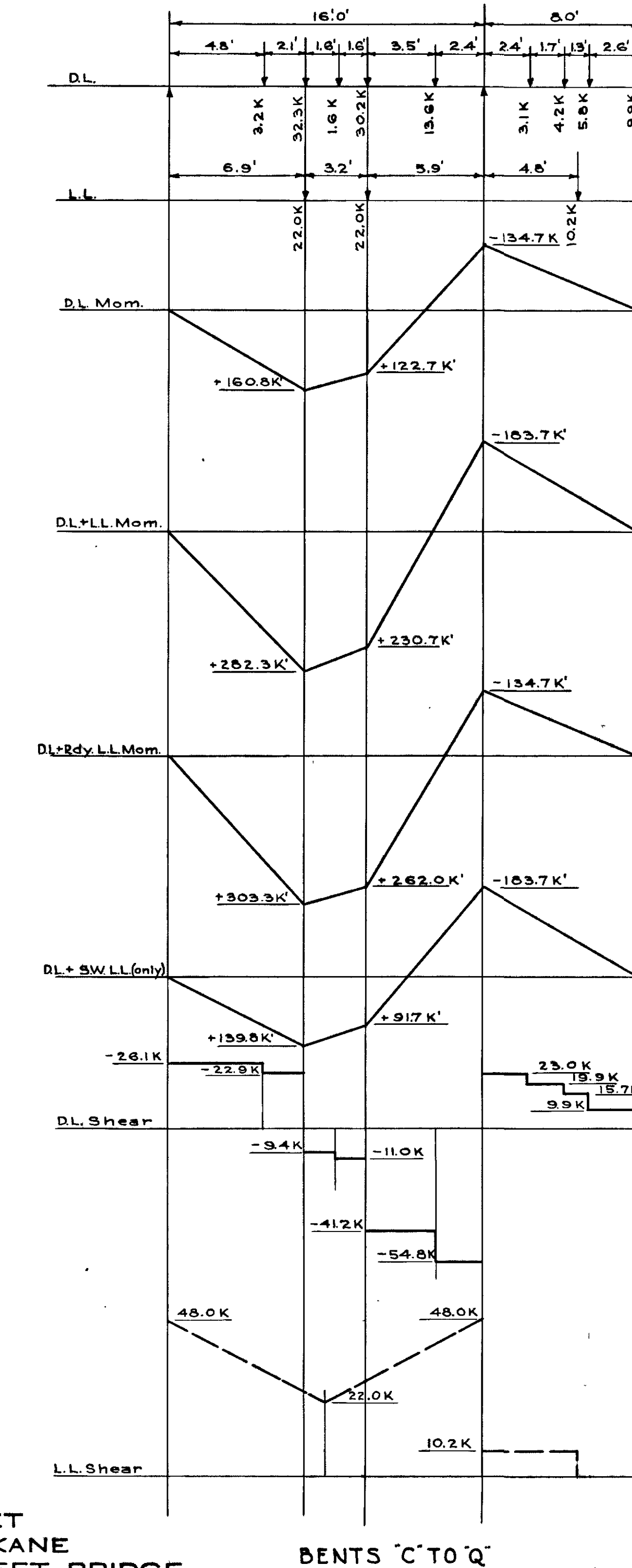
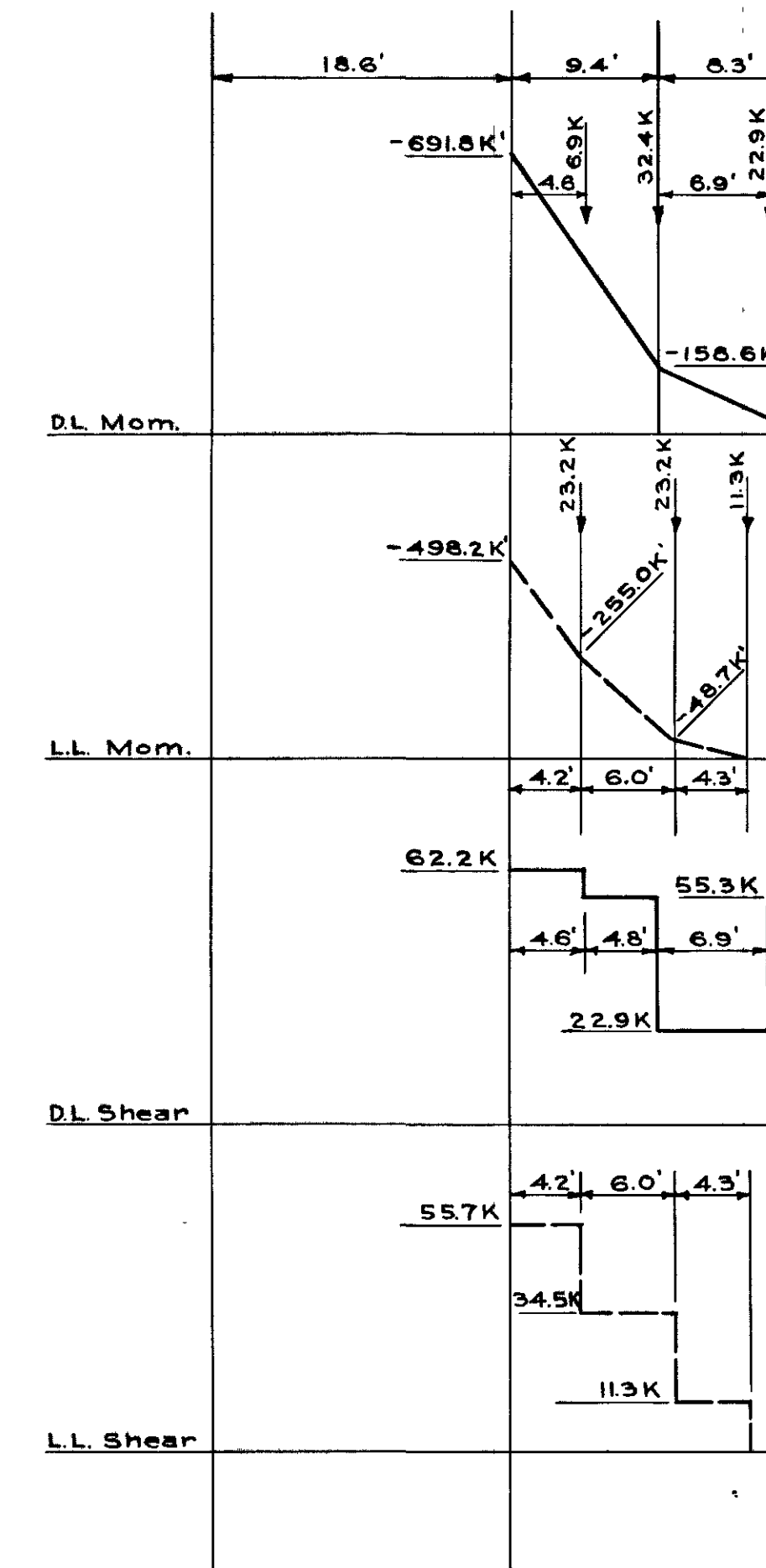
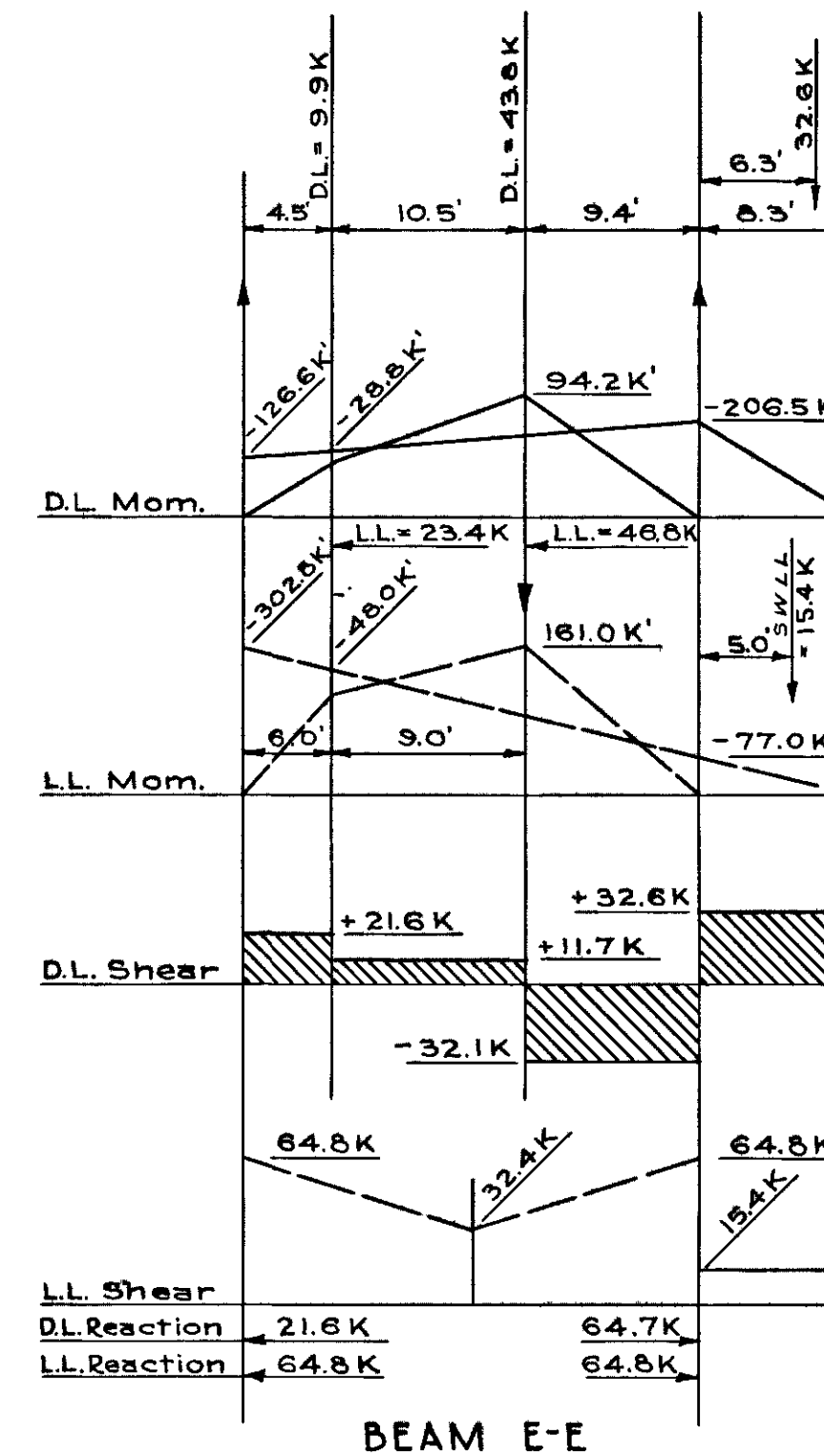
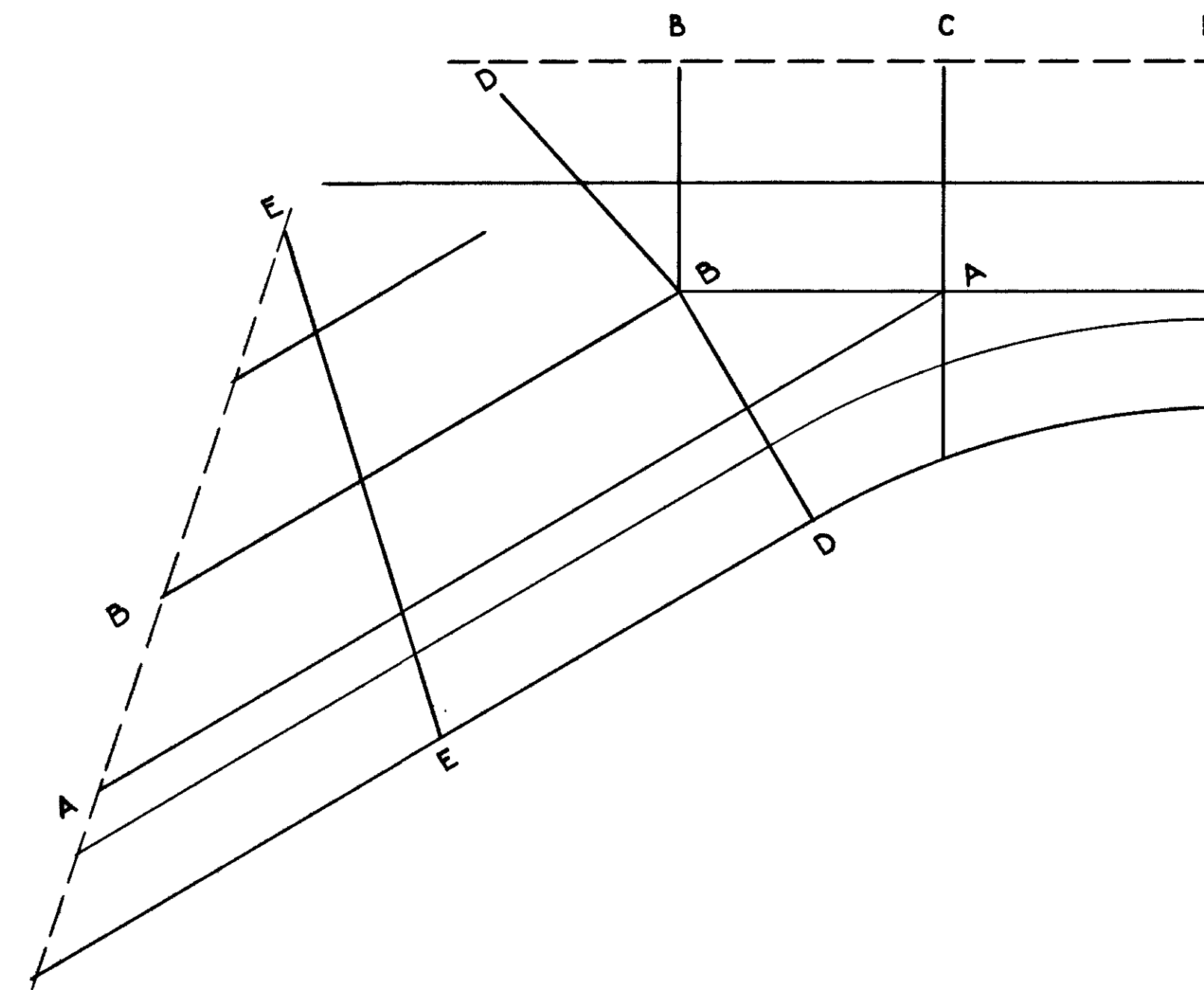
APPROVED CITY ENGINEER

8-20-36	See sheet 6-A for pouring of arch rib	A.M.B. W.T.R.
Date	Revision	By Ch'kd

C-18
274

11

8/305



CITY STREET
CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY

STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED: 1936
Carl H. Edmister
BRIDGE ENGINEER

SHEET OF
CONTRACT NUMBER

DIRECTOR OF HIGHWAYS
SHEETS

CITY OF SPOKANE
DEPT. OF PUBLIC WORKS - ENGINEERING DIVISION

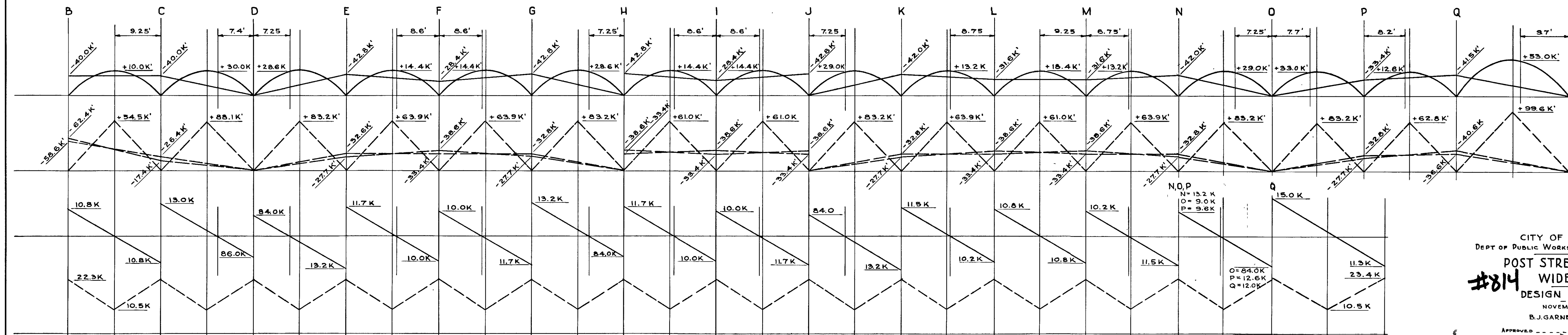
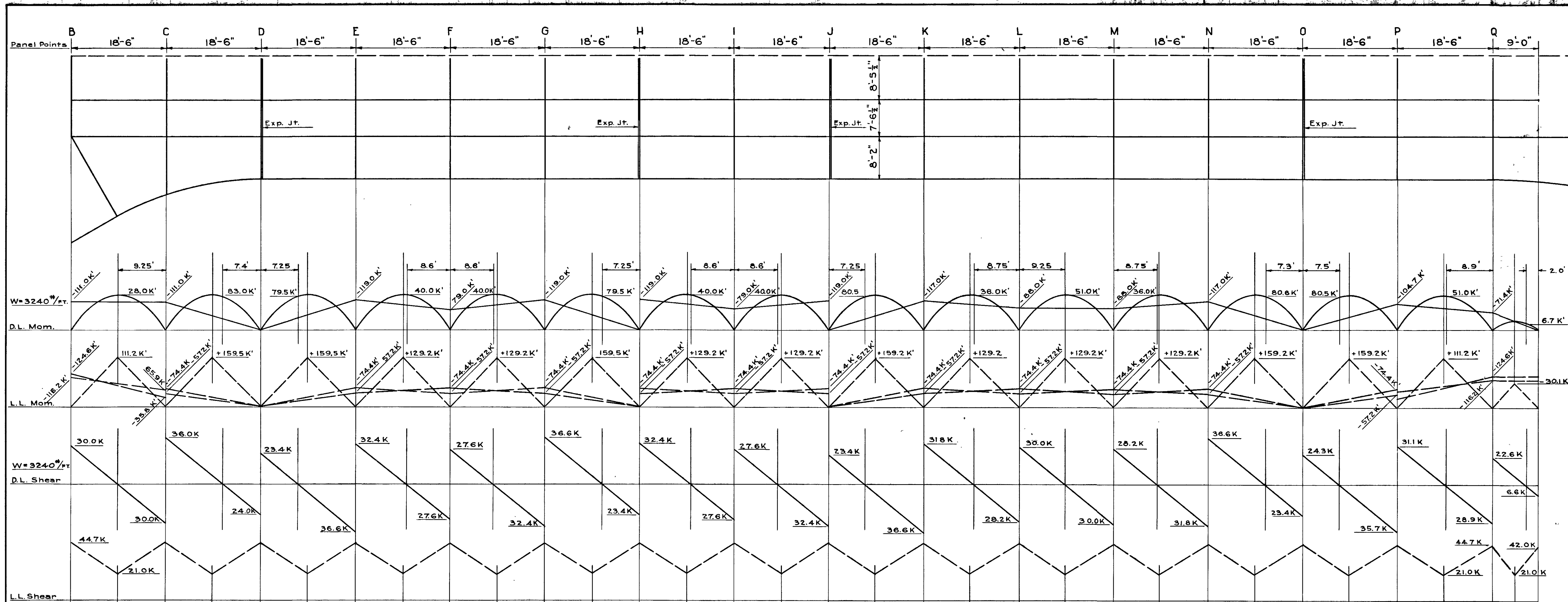
POST STREET BRIDGE
WIDENING
DESIGN DATA
NOVEMBER 1935
B.J. GARNETT ENGINEER

APPROVED
CITY ENGINEER

CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY

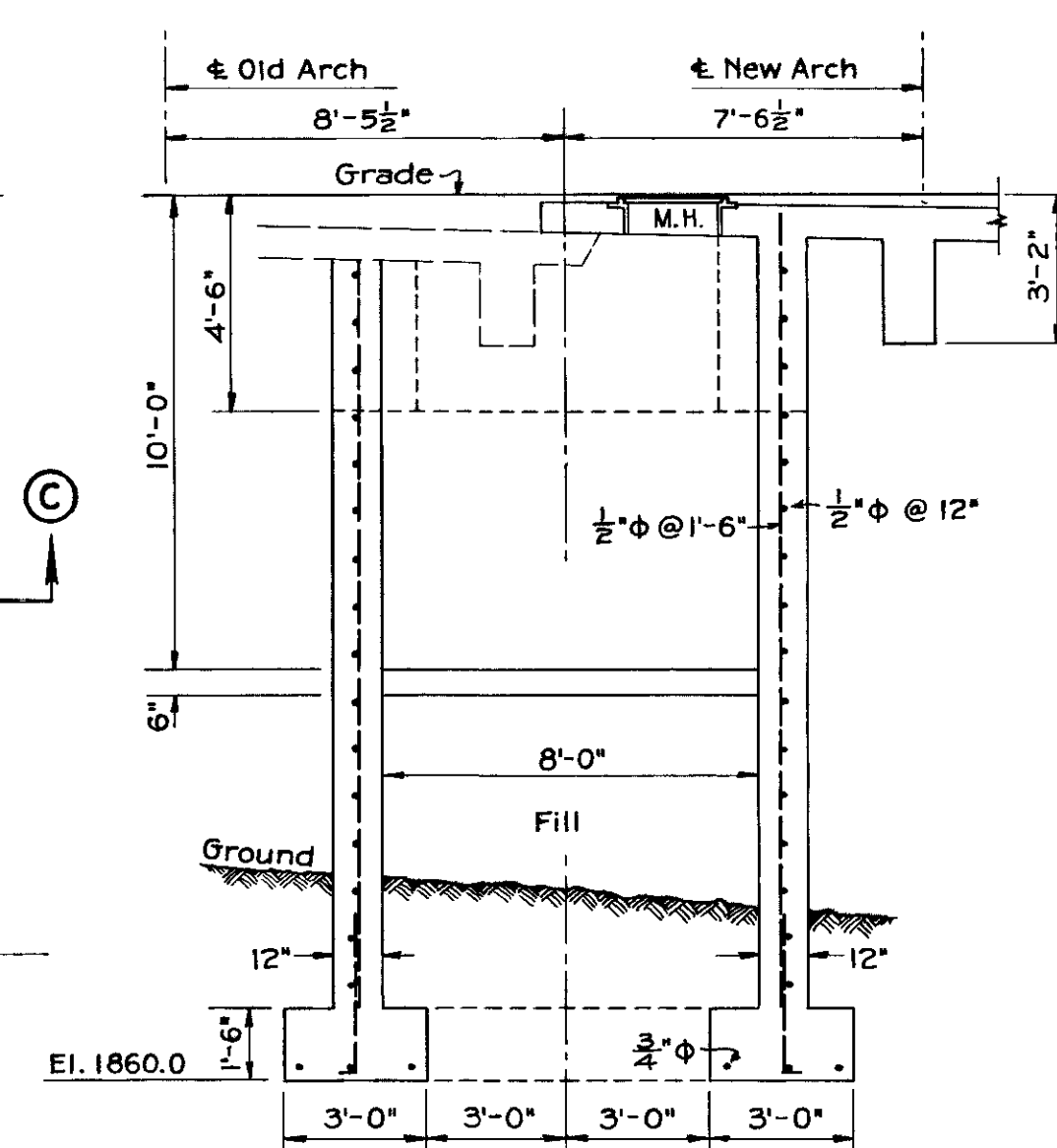
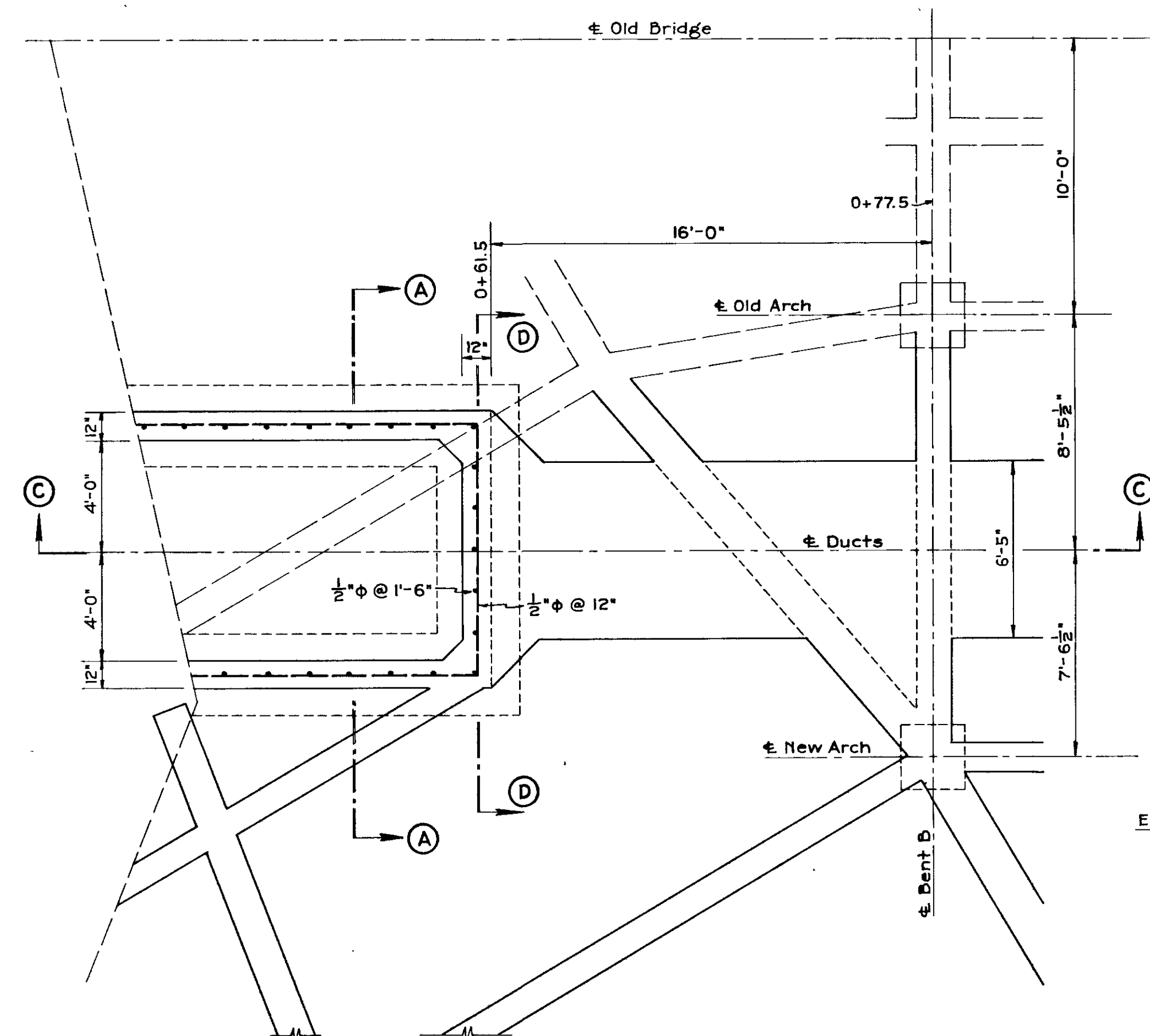
APPROVED: *[Signature]*
DIRECTOR OF HIGHWAYS
SHEET OF SHEETS
CONTRACT NUMBER: 119000
CITY ENGINEER

STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

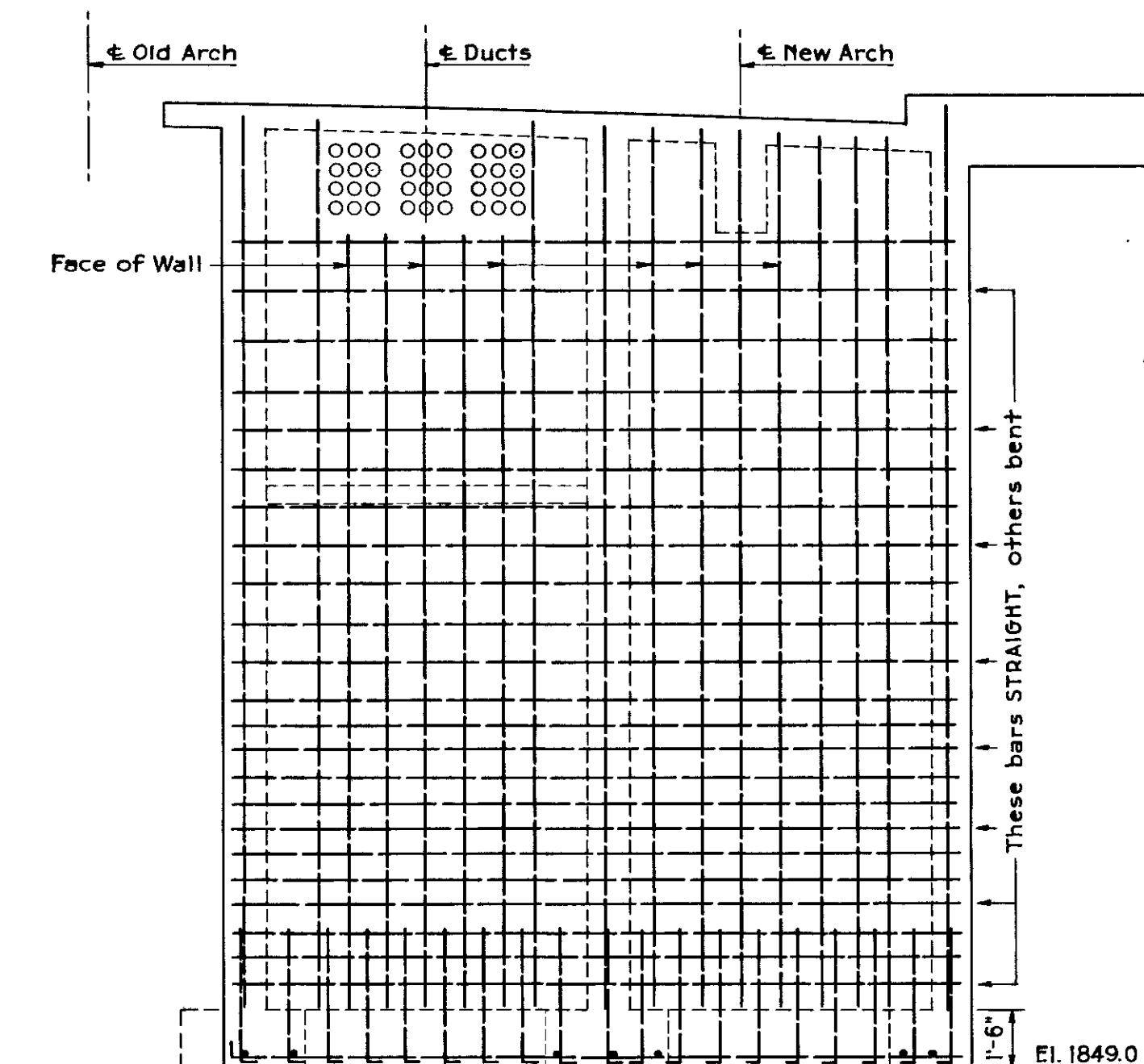
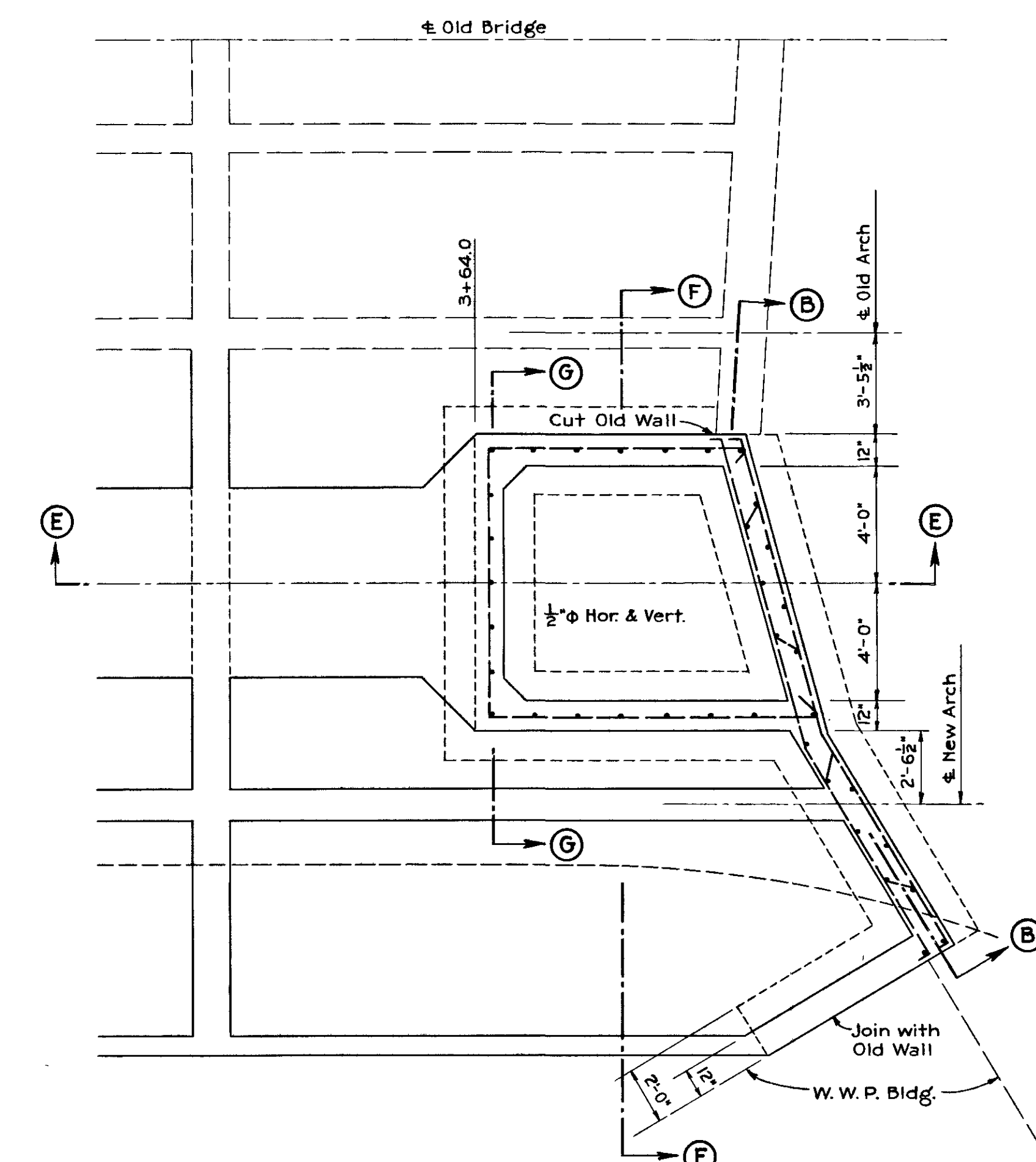


CITY OF SPOKANE
DEPT OF PUBLIC WORKS-ENGINEERING DIVISION
POST STREET BRIDGE
WIDENING
#814
DESIGN DATA
NOVEMBER 1955
B.J. GARNETT, ENGINEER
APPROVED: *[Signature]*
CITY ENGINEER

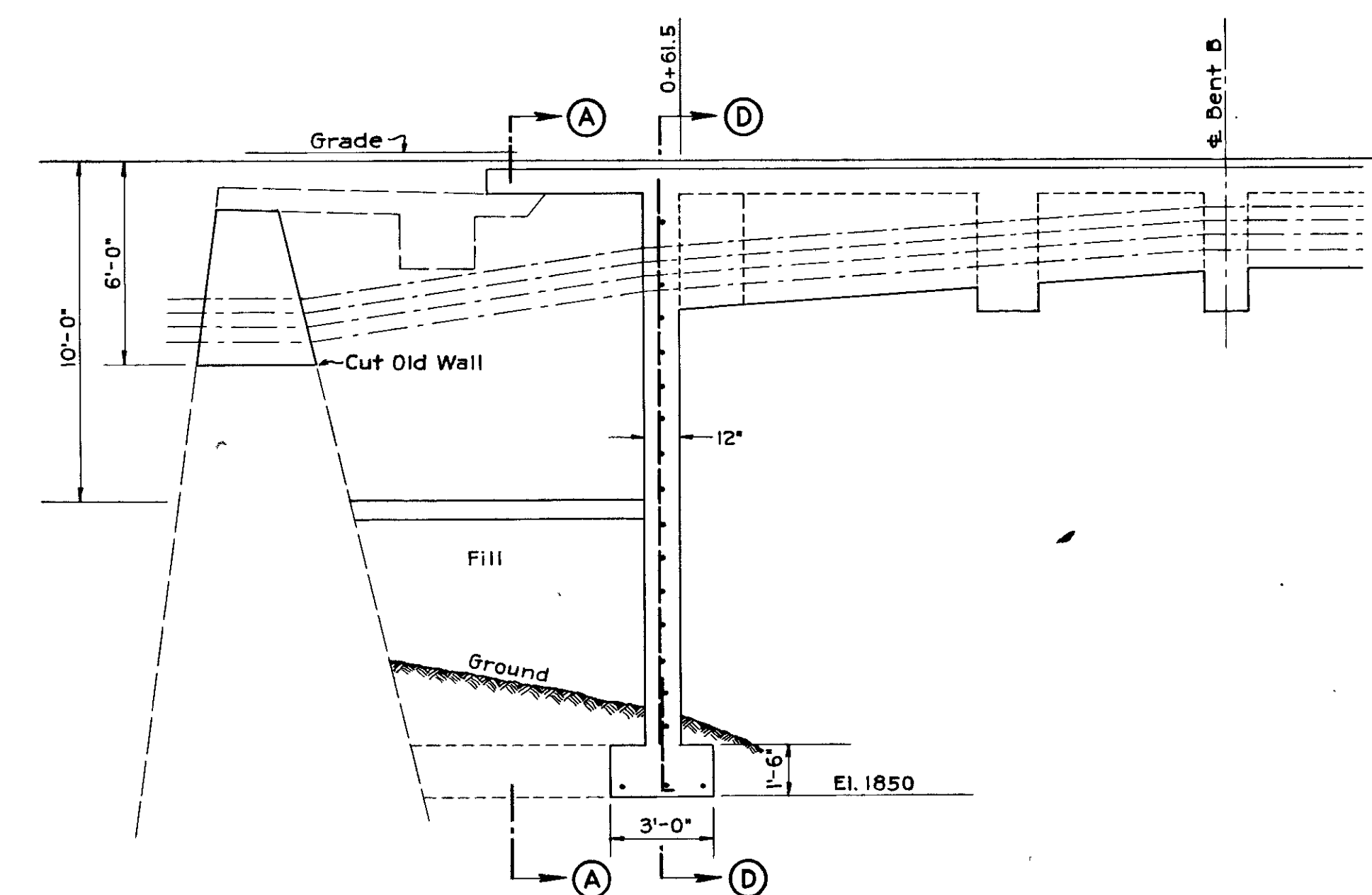
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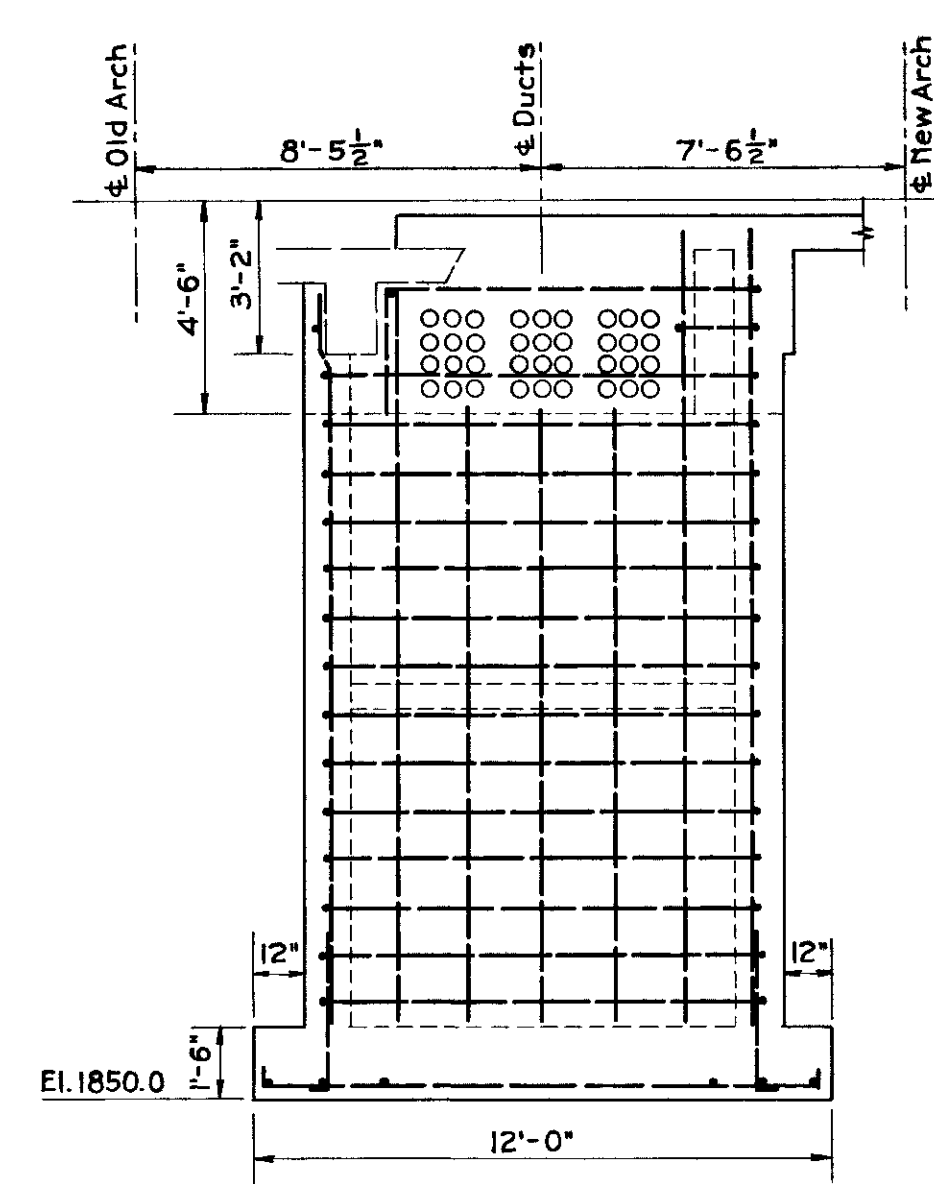
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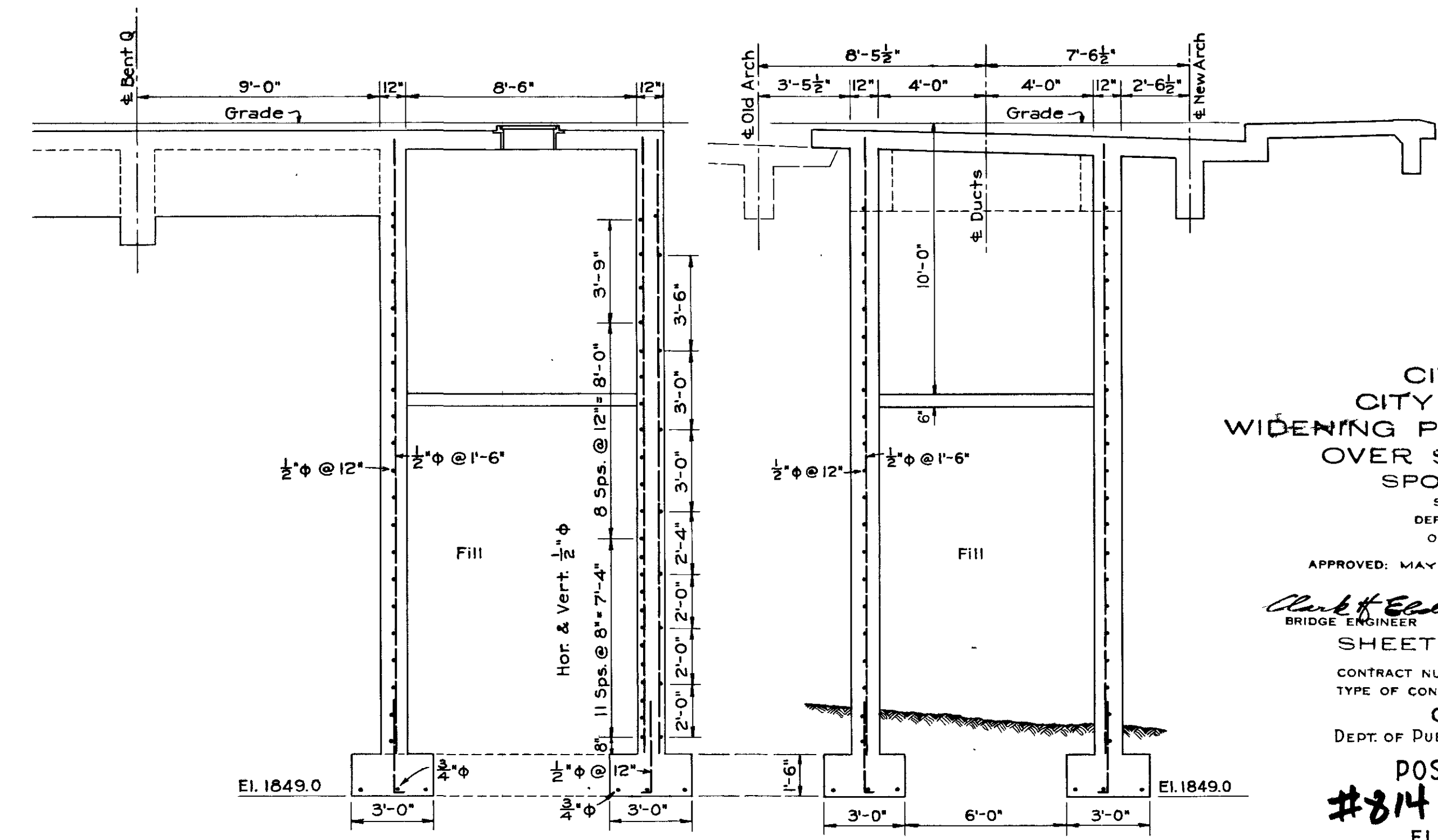
SECT. B-B



SECT. C-C



SECT. D-D
TYPICAL FOR G-G



SECT. E-E

SECT. F-F

CITY STREET
CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY

STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED: MAY 21, 1936

BRIDGE ENGINEER
DIRECTOR OF HIGHWAYS
SHEET 9 OF 14 SHEETS

CONTRACT NUMBER -
TYPE OF CONSTRUCTION

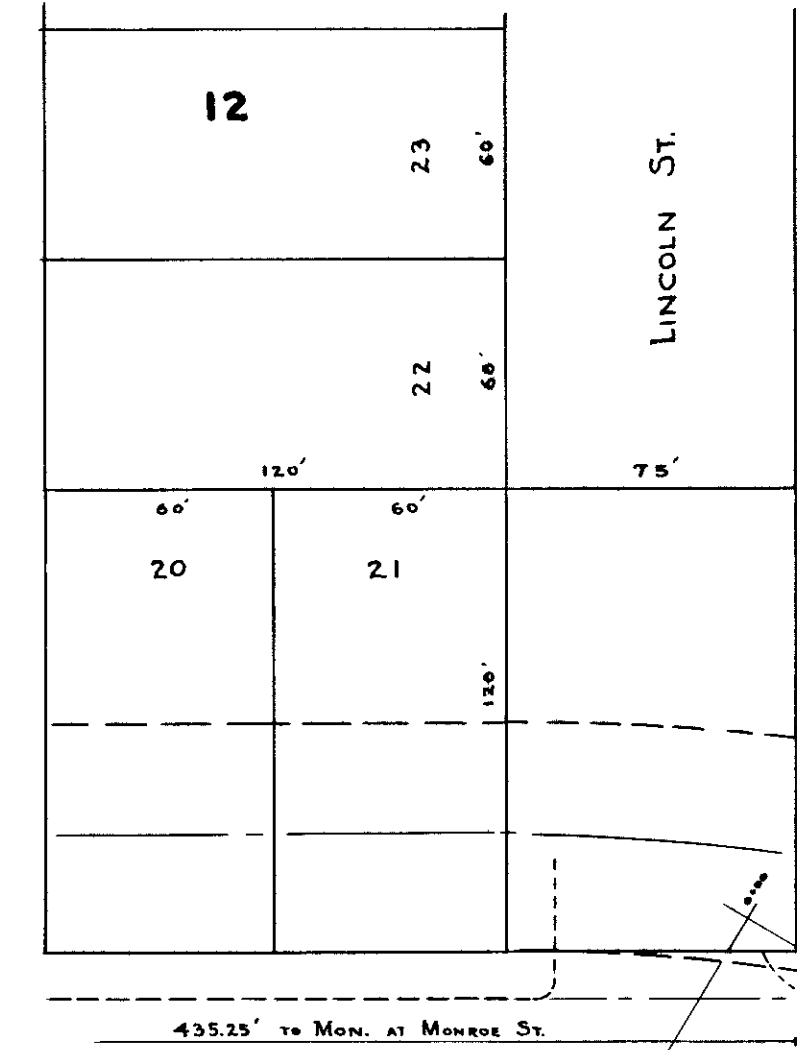
CITY OF SPOKANE
DEPT. OF PUBLIC WORKS - ENGINEERING DIVISION

POST STREET BRIDGE
#814 WIDENING
ELECTRICAL MANHOLES

NOVEMBER 1935 SCALE 1/4"=1'-0"
B.J. GARNETT, ENGINEER

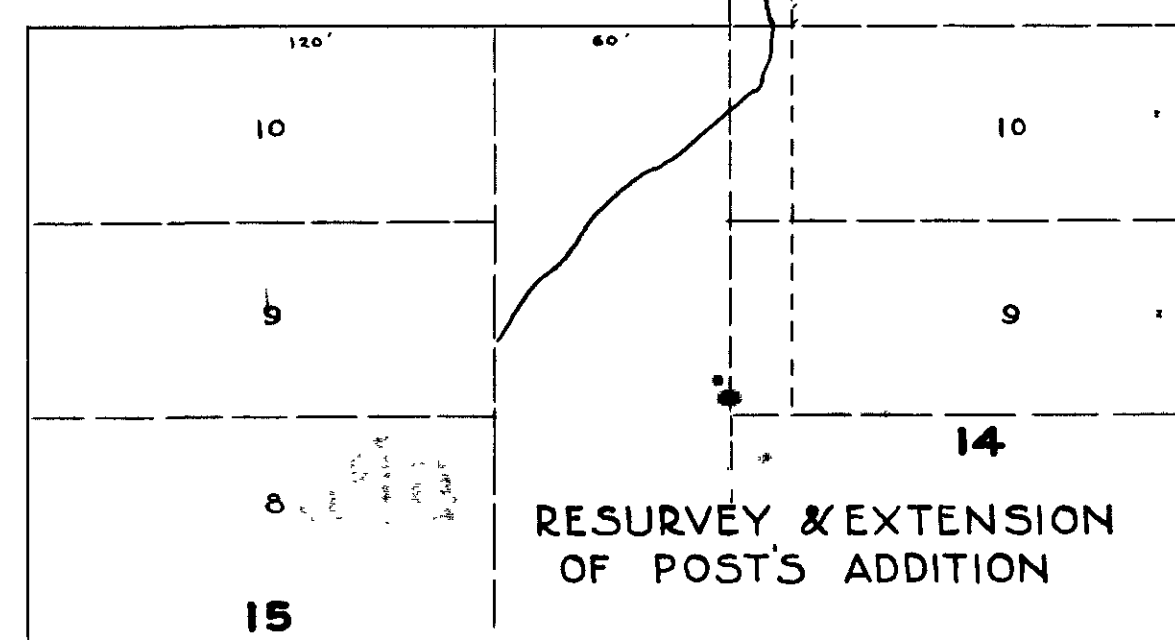
APPROVED: [Signature]
CITY ENGINEER

RESURVEY & EXTENSION OF POST'S ADDITION



RIVER

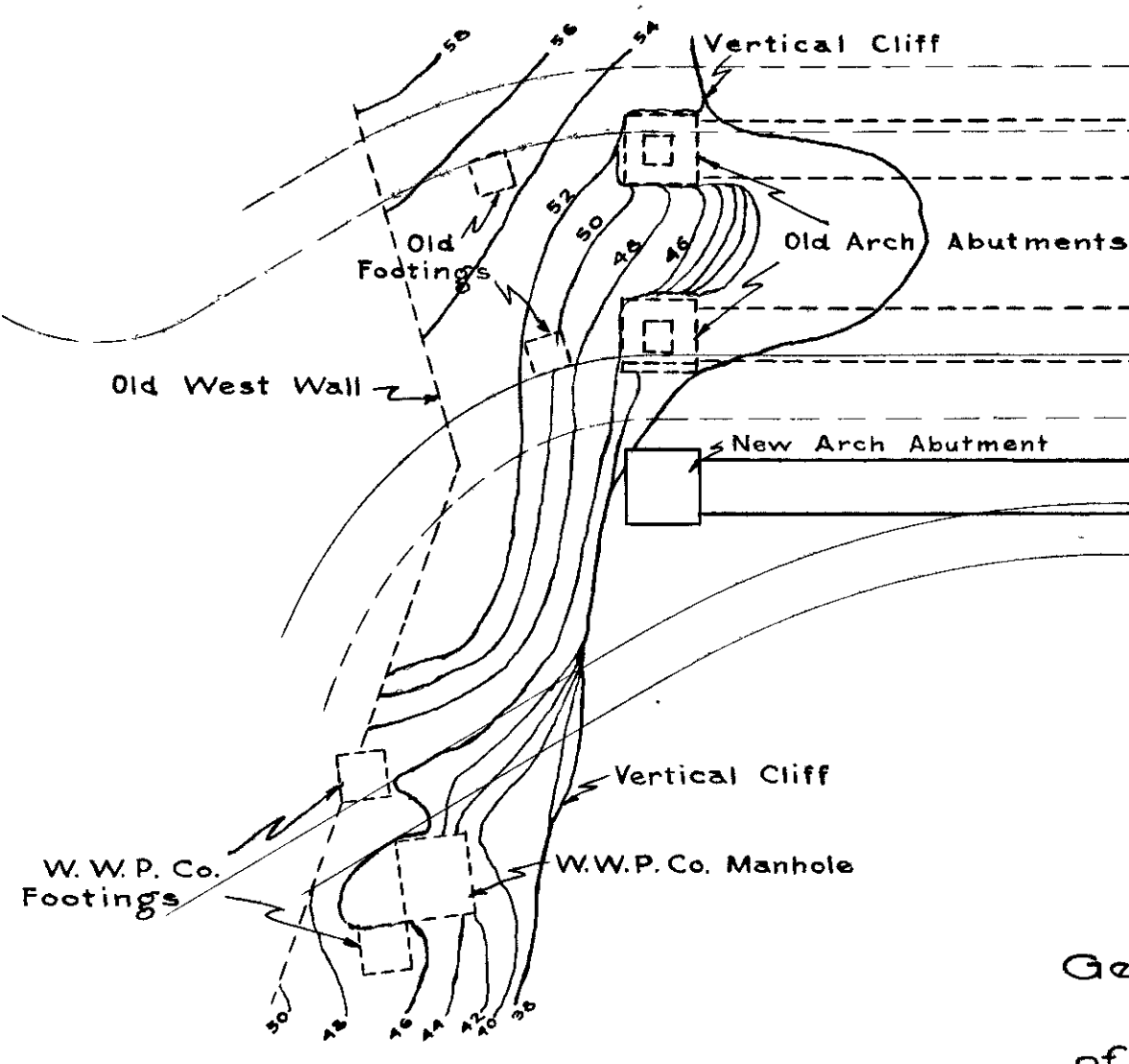
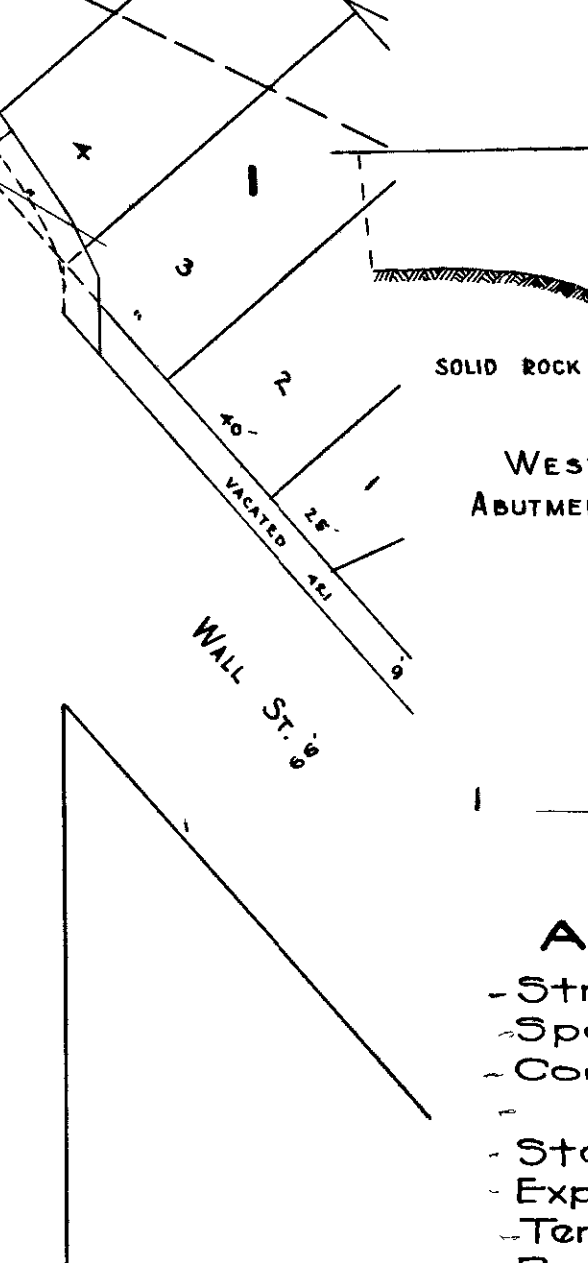
SPOKANE



RESURVEY & EXTENSION OF POST'S ADDITION

LOCATION
SCALE - 1" = 50'-0"

RESURVEY & ADDITION TO SPOKANE FALLS



TOPOGRAPHY SCALE - 1" = 20'-0"

General Notes:

All materials and workmanship shall conform to the requirements of the Standard Specifications of the State of Washington Department of Highways dated April 1935.
All Concrete in arch abutments shall be of Class 'B' mix with 3" maximum size of coarse aggregate.
All other concrete shall be of Class 'A' mix with 3" maximum size of coarse aggregate except that in sidewalk slabs and handrailings the maximum size of coarse aggregate shall be 1 1/2".

APPROXIMATE QUANTITIES

- Structure Excavation	172 Cu.Yds.
- Special Embankment	300 "
- Concrete Class 'A' in place	975 "
- " " " " " " " "	95 "
- Steel Reinforcing Bars in place	107,000 Lbs.
- Expansion Joints	Lump Sum
- Temporary Wood Walk and Railing	11 MBM.
- Removing Existing Steel Bridge	Lump Sum
- " " " " " " " "	" "
- Removing portion of Concrete Wall	" "
- " " " " " " " "	" "
- Asphaltic Concrete Pavement Type I-1, Class E	177 Tons
- " " " " " " " "	I-1 " F 40 "
- " " " " " " " "	I-1 " C 74 "

PROFILE SCALE - 1" = 20'-0"

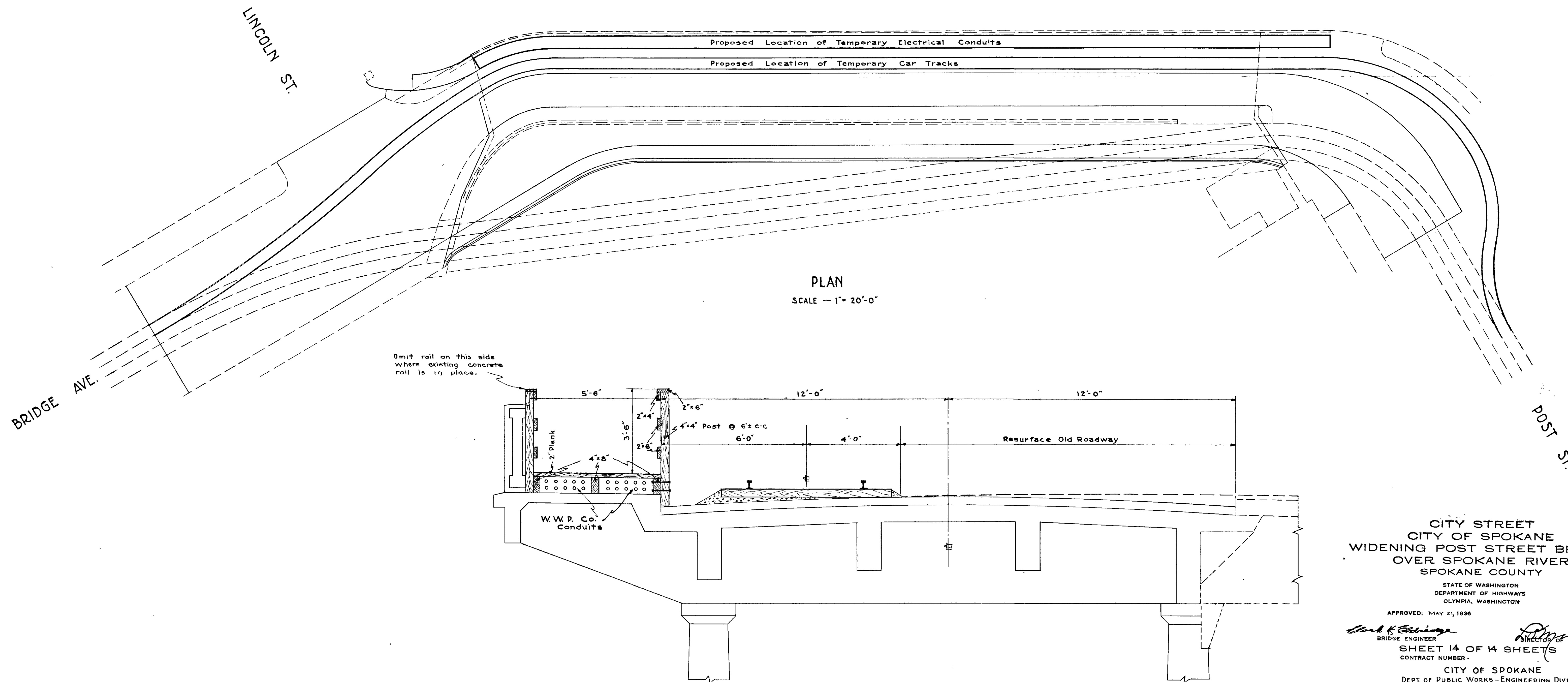
CITY STREET
CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY
STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED MAY 21, 1936
BRIDGE ENGINEER
SHEET 3 OF 4 SHEETS
CONTRACT NUMBER
TYPE OF CONSTRUCTION

THESE PLANS WERE APPROVED AND ADOPTED BY THE CITY COUNCIL ON NOV. 22, 1935
CITY CLERK

CITY OF SPOKANE
DEPT. OF PUBLIC WORKS-ENGINEERING DIVISION
POST STREET BRIDGE
WIDENING
LOCATION
NOVEMBER 1935
B.J. GARNETT, ENGINEER
APPROVED
CITY ENGINEER

FED. ROAD DIST. NO.	STATE	USWPH PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	WASH.	WPM-2674	1936	15	16



CITY STREET
CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY

STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED: MAY 21, 1935

Carl F. Gehring
BRIDGE ENGINEER

W. J. Garnett
DIRECTOR OF HIGHWAYS

SHEET 14 OF 14 SHEETS
CONTRACT NUMBER -

CITY OF SPOKANE
DEPT. OF PUBLIC WORKS - ENGINEERING DIVISION

POST STREET BRIDGE
WIDENING

#814
TEMPORARY LOCATION OF
CAR TRACKS & ELECTRICAL CONDUITS

NOVEMBER 1935 SCALE - AS SHOWN
B. J. GARNETT, ENGINEER

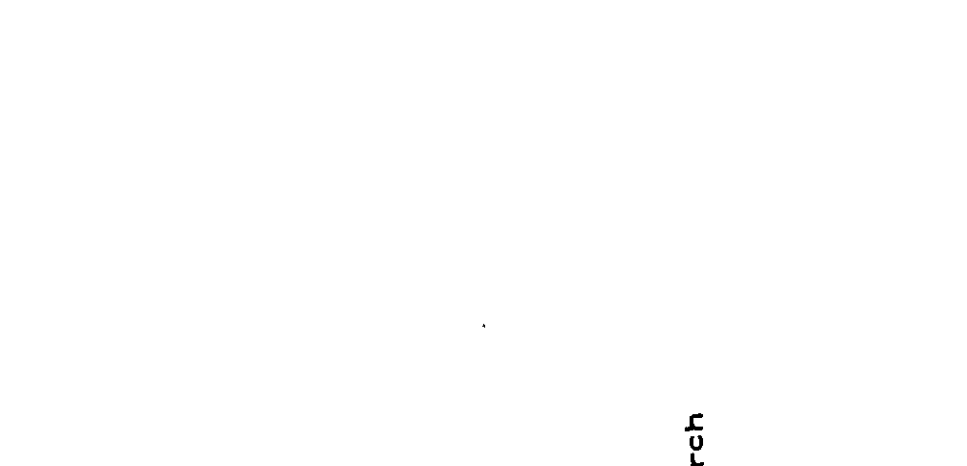
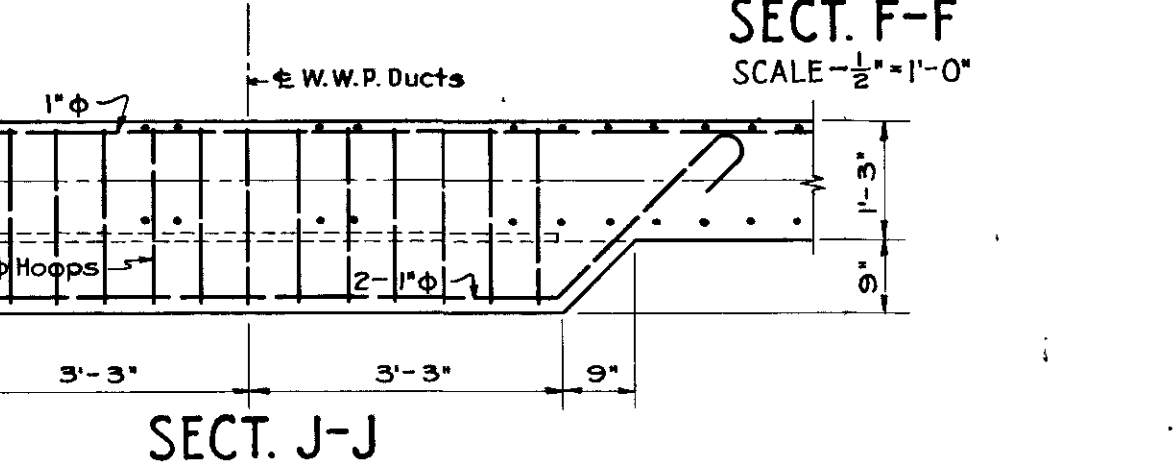
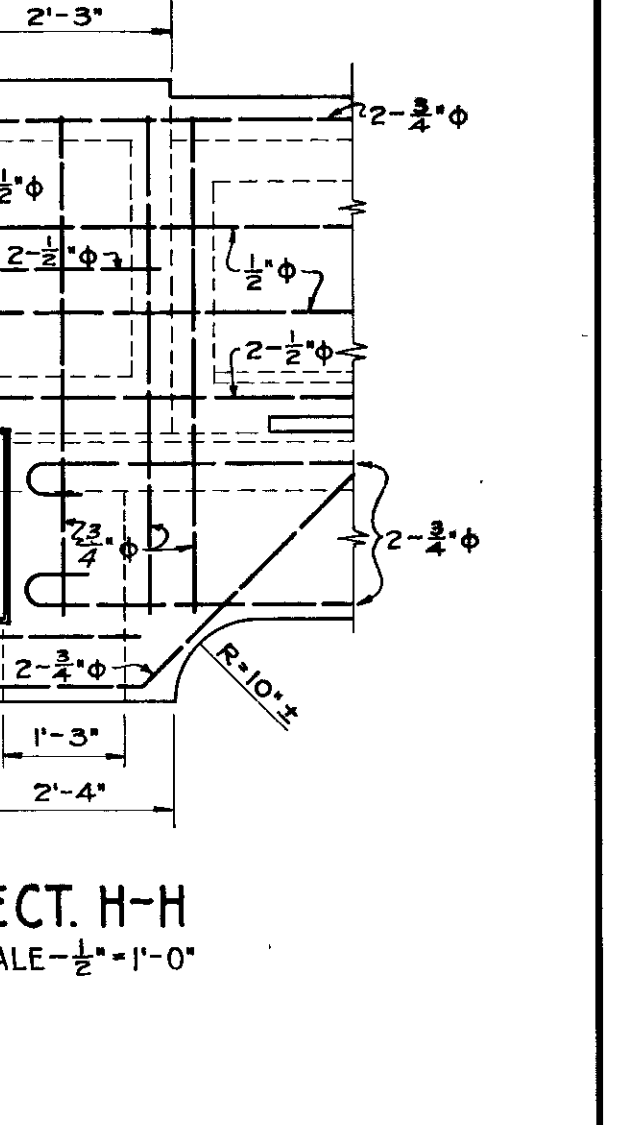
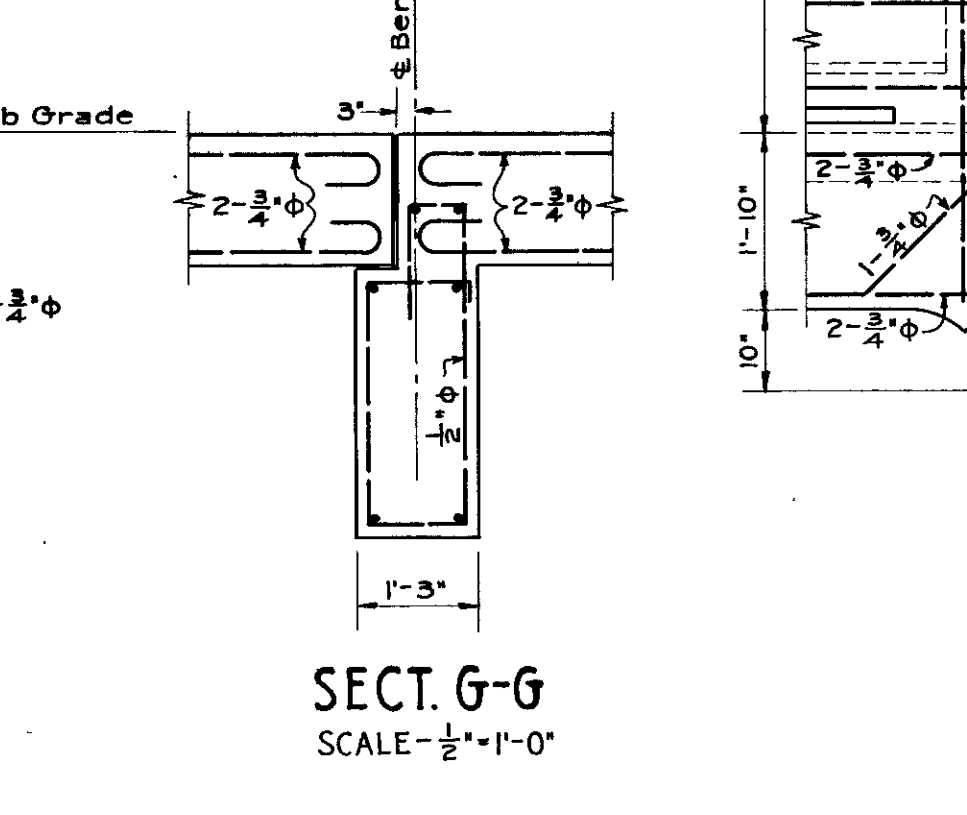
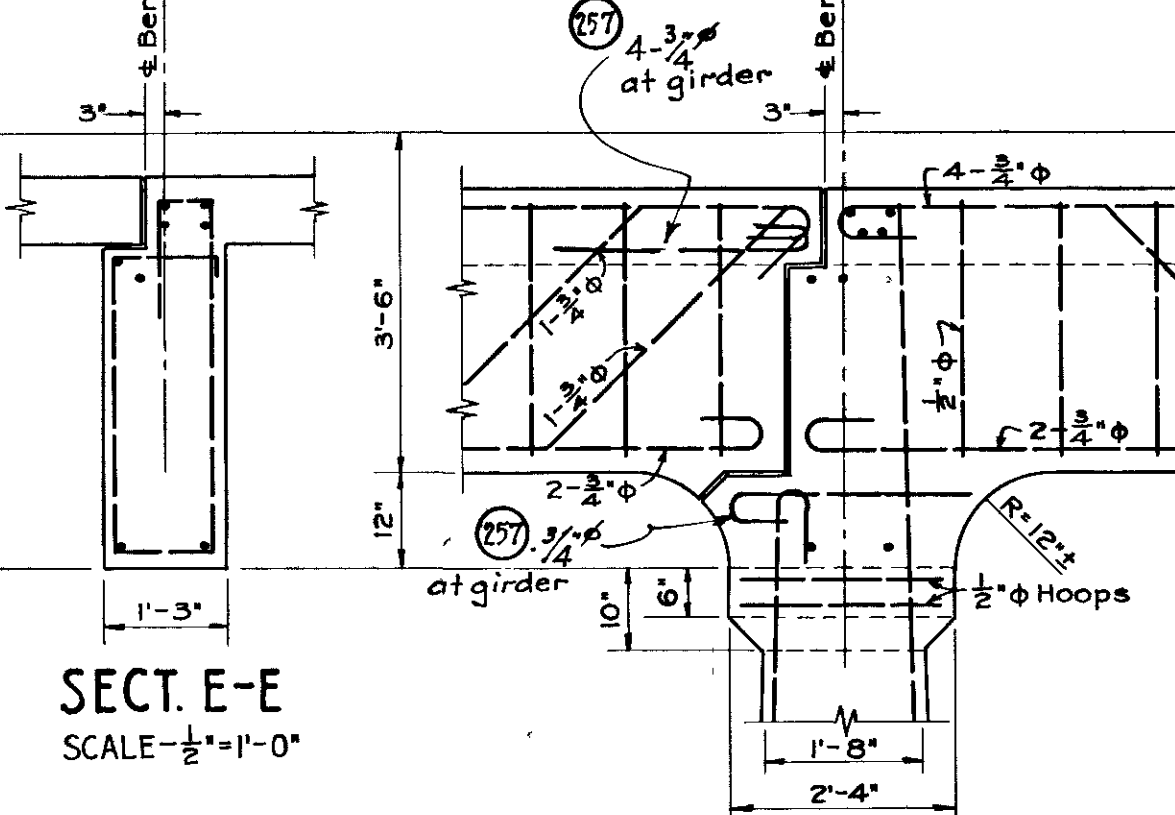
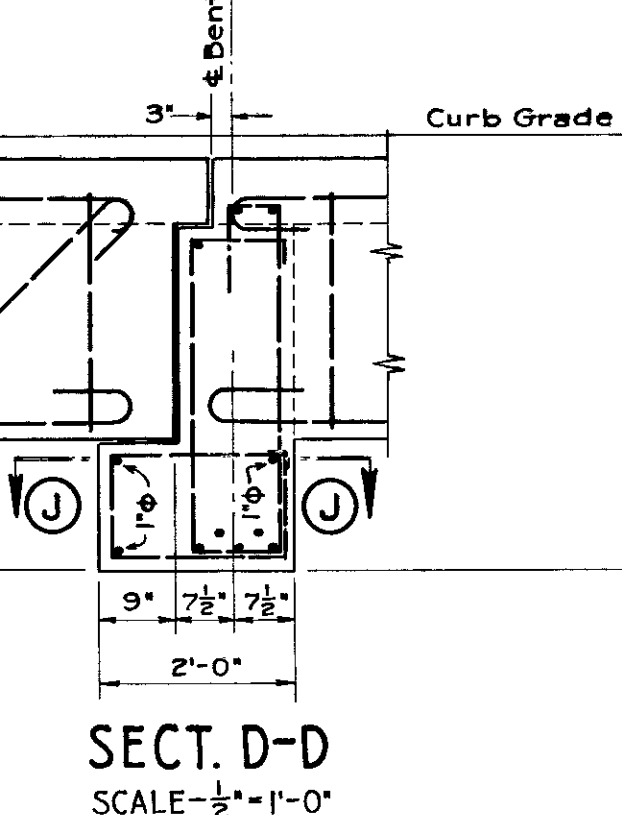
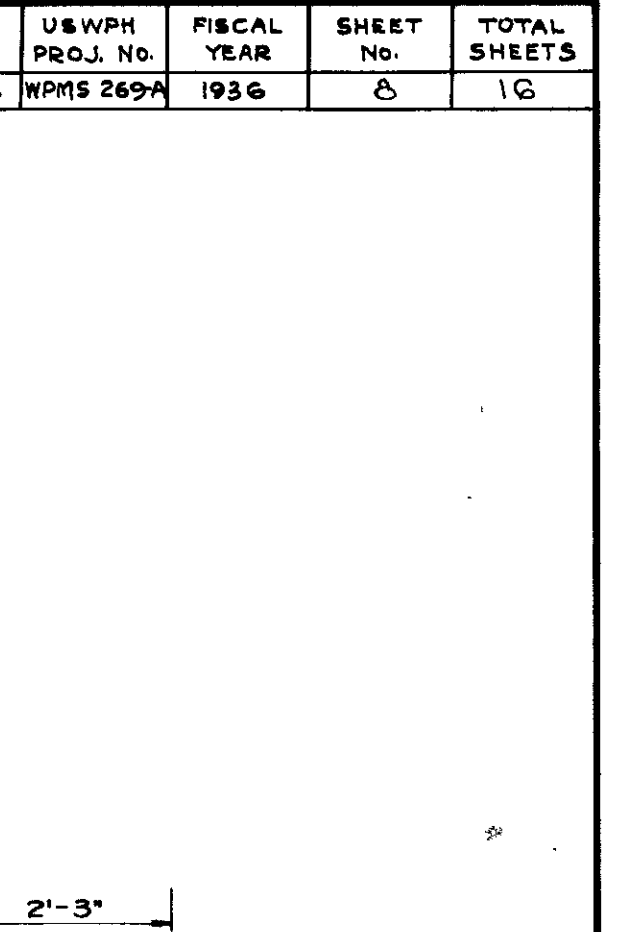
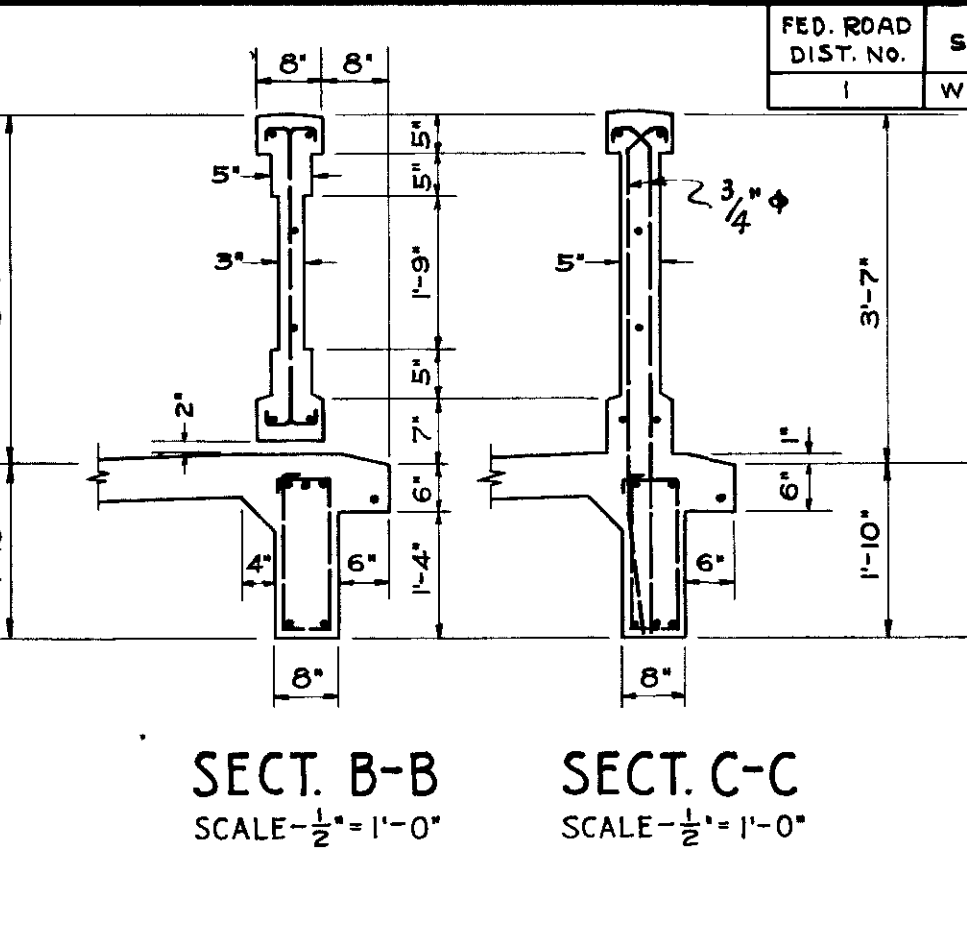
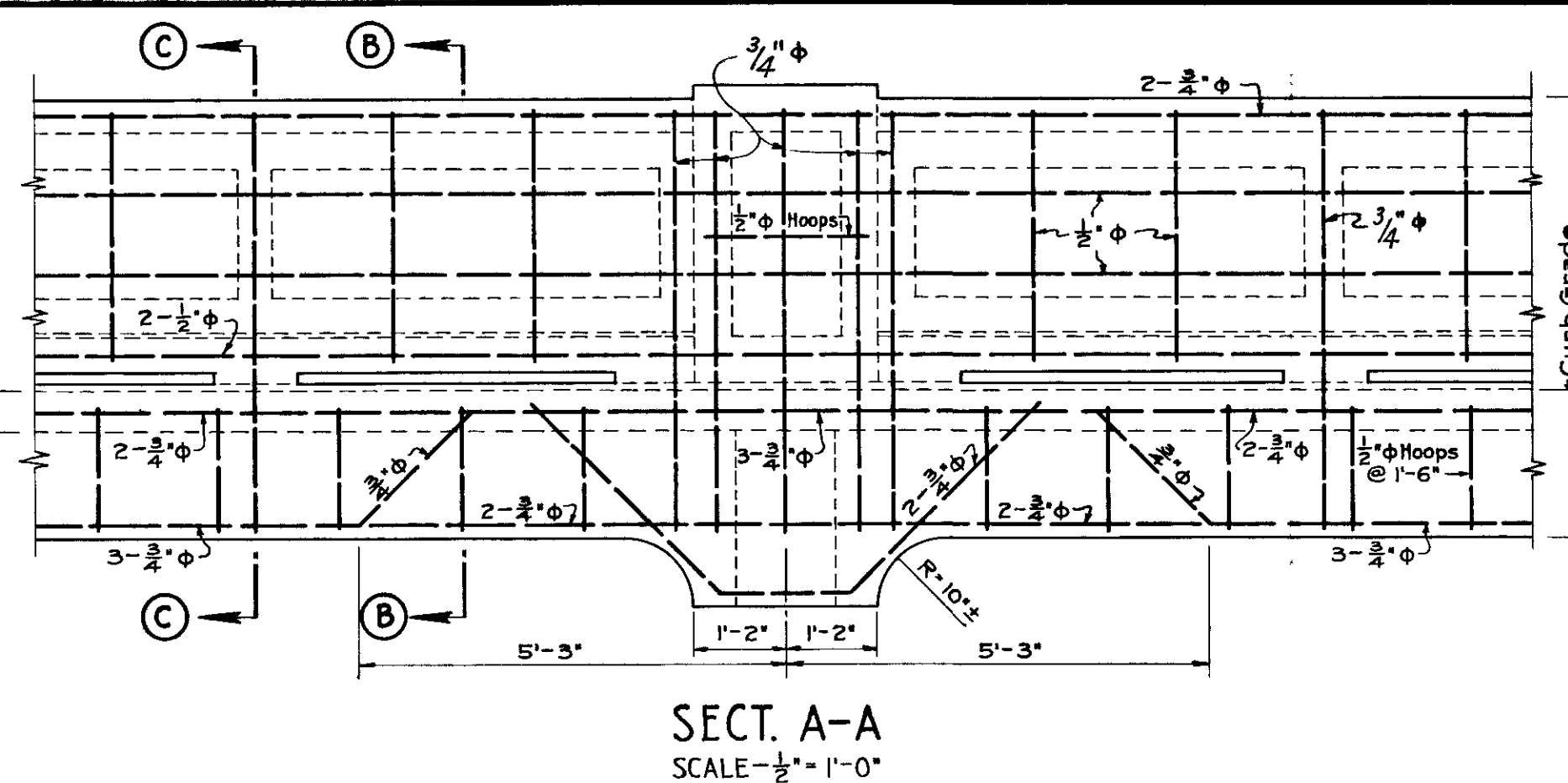
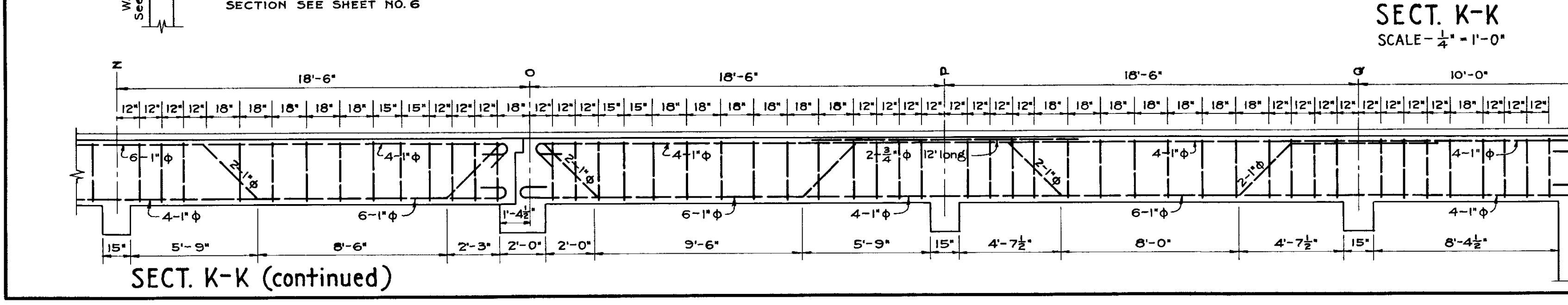
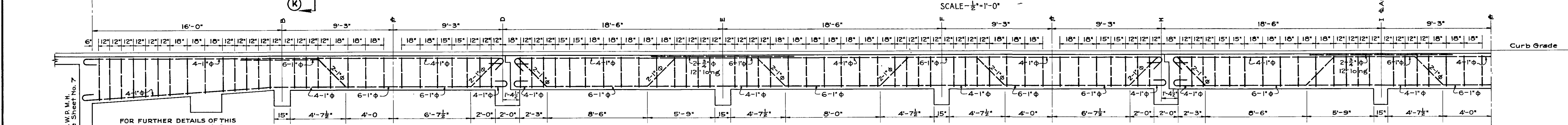
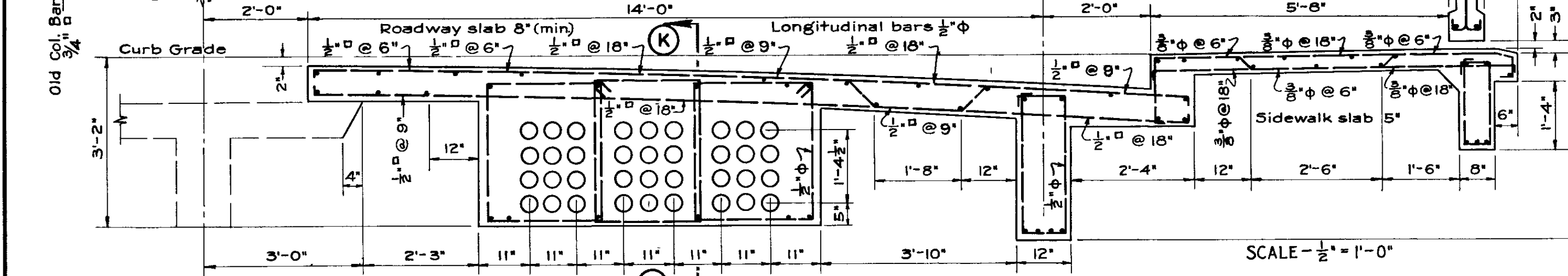
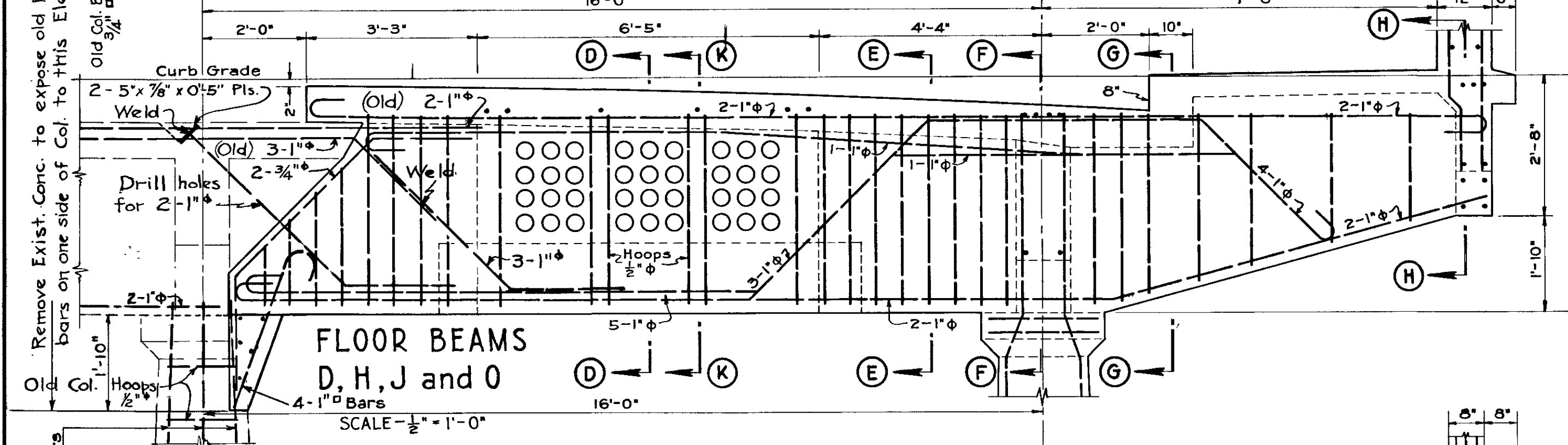
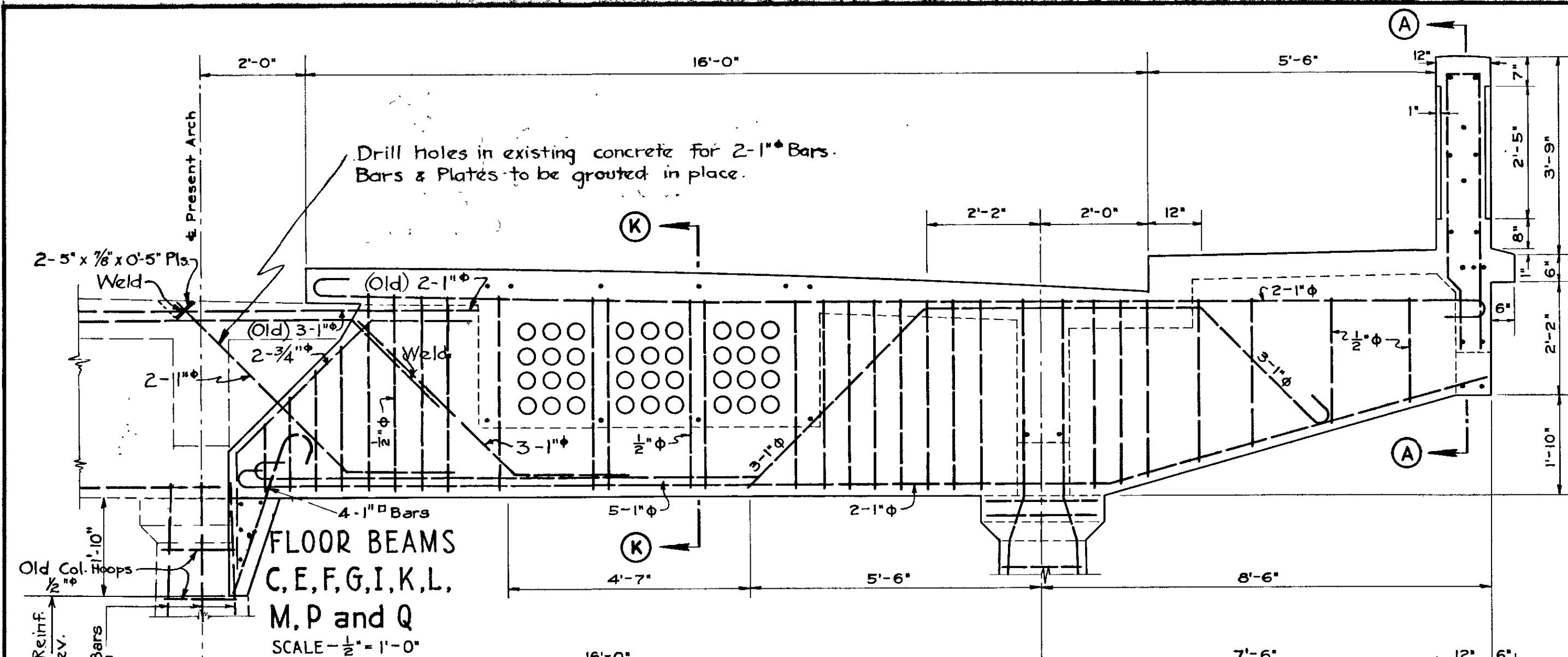
APPROVED _____
CITY ENGINEER

12

C-18
624

8/306

FED. ROAD DIST. NO.	STATE	USWPH PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	WASH.	WPM 269A	1936	8	16



CITY STREET
CITY OF SPOKANE
WIDENING POST STREET BRIDGE
OVER SPOKANE RIVER
SPOKANE COUNTY
STATE OF WASHINGTON
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

APPROVED MAY 21, 1936

W.W.P.M.H. See Sheet No. 7	12-8-36 Revised Connection to Exist. Br.	7-13-36 Changed Vert. Rail Bars to 3/4 inch	7-13-36 Added Bars No. 257	DATE	REVISION	By	Checked

SHEET 7 OF 14 SHEETS

CONTRACT NUMBER -
TYPE OF CONSTRUCTION

CITY OF SPOKANE
DEPT. OF PUBLIC WORKS-ENGINEERING DIVISION
POST STREET BRIDGE
#814 WIDENING
TYPICAL ROADWAY DETAILS
NOVEMBER 1935 SCALE-AS SHOWN
B.J. GARNETT, ENGINEER
APPROVED BY CITY ENGINEER

5
8

C-18
624