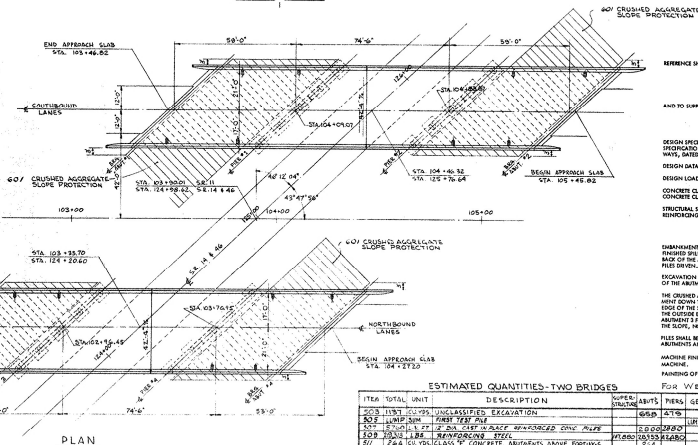
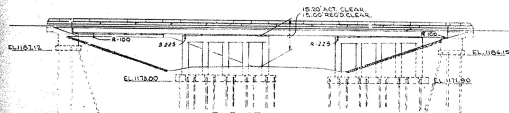




PLAN



ELEVATION
(RIGHT BRIDGE SHOWN)
(LEFT BRIDGE SIMILAR)

GENERAL NOTE
REFERENCE SHALL BE MADE TO, STANDARD DRAWINGS:

AS-1-67 REVISED 1-1-68
SS-1-68 REVISED 11-28-68
SS-1-68 REVISED 2-2-69
SS-1-68 DATED 11-4-68

AND TO SUPPLEMENTARY SPECIFICATIONS:

808 DATED 1-13-67 852 DATED 2-2-67
825 DATED 2-15-67 891 DATED 2-2-67
838 DATED 1-1-67 811 DATED 1-1-67

DESIGN SPECIFICATIONS: THIS STRUCTURE CONFORMS TO THE REQUIREMENTS OF FEDERAL SPECIFICATIONS FOR HIGHWAY STRUCTURES OF THE STATE OF OHIO. DEPARTMENT OF HIGHWAYS, DATED 11-62, TOGETHER WITH CURRENT REVISIONS THEREOF.

DESIGN DATA:

DESIGN LOADING - C-7500

CONCRETE CLASS C - BASIC UNIT STRESS 1,323 P.S.I.
CONCRETE CLASS E - BASIC UNIT STRESS 1,132 P.S.I.

STRUCTURAL STEEL - ASTM A36 - BASIC UNIT STRESS 36,000 P.S.I.
REINFORCING STEEL - ASTM A36, A36, ANCHORED, INTERMEDIATE OR HARD GRADE, BASIC UNIT STRESS 36,000 P.S.I. EXCEPT, SPIRAL REINFORCEMENT MAY BE PLAIN, STRUCTURAL GRADE WITH BASIC UNIT STRESS OF 18,000 P.S.I.

EMBANKMENT PROCEDURE: THE EMBANKMENT SHALL BE PLACED AND COMPACTED UP TO THE FINISHED SLOPE AND TO THE LEVEL OF THE SLUGGAGE FOR A DISTANCE OF 200 FEET BACK OF THE ABUTMENTS, AFTER WHICH EXCAVATION SHALL BE MADE FOR THE ABUTMENTS AND FILL BE REMOVED.

EXCAVATION QUANTITY INCLUDES THE REMOVAL OF FILL MATERIAL REQUIRED FOR CONSTRUCTION OF THE ABUTMENTS.

THE CRUSHED AGGREGATE SLOPE PROTECTION SHALL EXTEND FROM THE FACE OF THE ABUTMENT DOWN TO THE TOE OF THE SLOPE AND EXTEND IN WIDTH TO 3 FEET BEYOND THE OUTER EDGE OF THE SUPERSTRUCTURE ON ONE SIDE, AND AT THE ACUTE CORNER OF THE OTHER SIDE. EDGE OF THE SLOPE PROTECTION SHALL INTERSECT THE PROJECTED FACE OF THE ABUTMENT 3 FEET BEYOND THE OUTER EDGE OF THE SUPERSTRUCTURE AND SHALL EXTEND DOWN THE SLOPE, NORMAL TO THE FACE OF THE ABUTMENT, TO THE TOE OF THE SLOPE.

FILLS SHALL BE BURNED TO A MINIMUM BEARING CAPACITY OF 27 TONS PER SQUARE FOOT FOR THE ABUTMENTS AND 36 TONS PER SQUARE FOOT FOR THE FILL.

MACHINE FINISH: THE CONCRETE BRIDGE DECK SHALL BE FINISHED BY THE USE OF A FINISHING MACHINE.

PAINTING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 8.2.

FOR WELDING NOTES SEE SHEET 295.

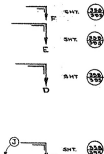
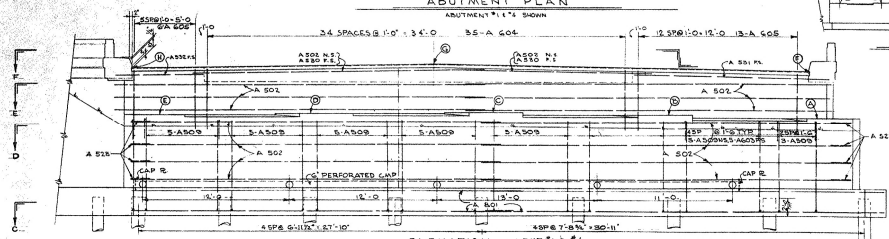
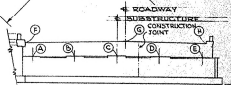
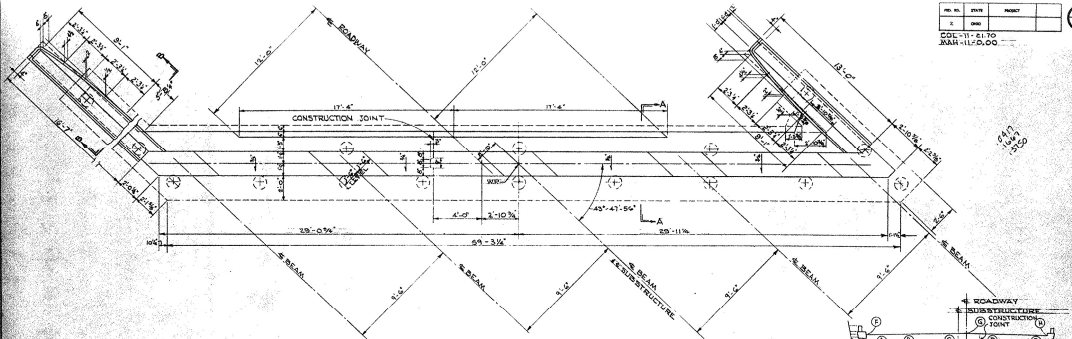
ESTIMATED QUANTITIES-TWO BRIDGES

ITEM	TOTAL UNIT	DESCRIPTION	NUMBER OF ABUTMENTS	PIERS	GEN.
103	11,937 CU YDS	UNCLASSIFIED EXCAVATION	6,958	4,716	
104	1,000 LBS	CAST IN PLACE REINFORCED CONCRETE	2,000	2,000	
105	1,000 LBS	REINFORCING STEEL	2,000	2,000	
106	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
107	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
108	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
109	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
110	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
111	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
112	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
113	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
114	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
115	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
116	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
117	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
118	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
119	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
120	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
121	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
122	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
123	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
124	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
125	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
126	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
127	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
128	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
129	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
130	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
131	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
132	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
133	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
134	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
135	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
136	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
137	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
138	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
139	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
140	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
141	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
142	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
143	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
144	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
145	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
146	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
147	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
148	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
149	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
150	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
151	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
152	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
153	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
154	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
155	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
156	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
157	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
158	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
159	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
160	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
161	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
162	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
163	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
164	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
165	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
166	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
167	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
168	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
169	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
170	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
171	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
172	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
173	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
174	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
175	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
176	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
177	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
178	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
179	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
180	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
181	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
182	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
183	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
184	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
185	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
186	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
187	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
188	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
189	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
190	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
191	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
192	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
193	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
194	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
195	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
196	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
197	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
198	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
199	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
200	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
201	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
202	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
203	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
204	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
205	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
206	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
207	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
208	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
209	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
210	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
211	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
212	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
213	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
214	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
215	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
216	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
217	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
218	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
219	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
220	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
221	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
222	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
223	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
224	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
225	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
226	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
227	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
228	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
229	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
230	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
231	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
232	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
233	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
234	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
235	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
236	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
237	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
238	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
239	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
240	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
241	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
242	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
243	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
244	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
245	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
246	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
247	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
248	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
249	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
250	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
251	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
252	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
253	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
254	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
255	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
256	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
257	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
258	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
259	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
260	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
261	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
262	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
263	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
264	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
265	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
266	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
267	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
268	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
269	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
270	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
271	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
272	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
273	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
274	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
275	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
276	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
277	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
278	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
279	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
280	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
281	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
282	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
283	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
284	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
285	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
286	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
287	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
288	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
289	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
290	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
291	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
292	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
293	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
294	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
295	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
296	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
297	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000	
298	1,000 CU YDS	CONCRETE ABUTMENTS ABOVE FOOTINGS	2,000	2,000</	

REV. NO.	DATE	PROJECT
2	040	

COL-11-61-70
MAH-11-0-00

356
305



ELEVATION TABLE									
	A	B	C	D	E	F	G	H	I
ABUT #1	1194.07	1194.28	1194.48	1194.45	1194.35	1196.41	1198.87	1198.70	1196.44
ABUT #2	1193.00	1193.21	1193.41	1193.38	1193.29	1191.34	1191.77	1191.60	1189.37
ABUT #3	1194.32	1194.01	1193.10	1193.06	1194.70	1196.34	1198.44	1198.11	1195.13
ABUT #4	1193.32	1194.02	1194.12	1193.98	1193.78	1196.23	1198.44	1198.07	1196.15

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF BRIDGES

GLAUS, PYLE & SCHOMER
YOUNGSTOWN, OHIO

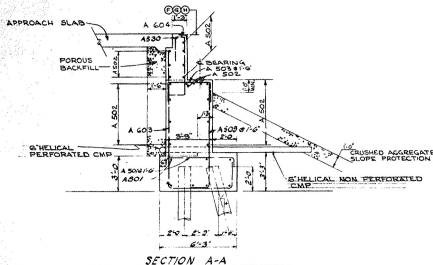
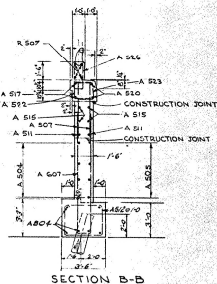
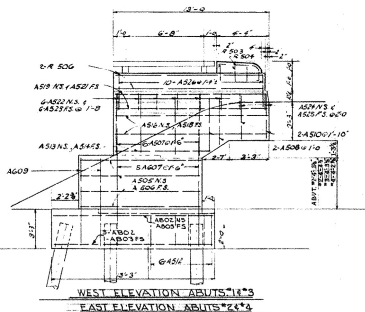
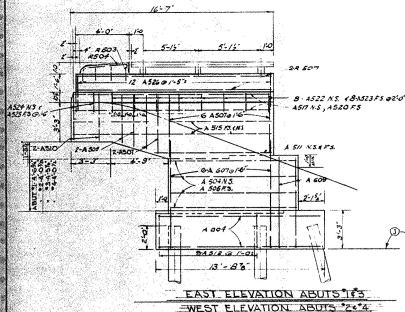
ABUTMENT DETAILS
BRIDGE # MAH 11-094 LBR
OVER SR. 14 B 46
MAHONING CO. S.R. #11
STA. 103 + 90.01

DESIGNED	CHECKED	DATE	APPROVED	DATE	REVIEW
DS	DS	3M	WLD	6-20-64	

REV.	NO.	DATE	BY
1	000		

251
525

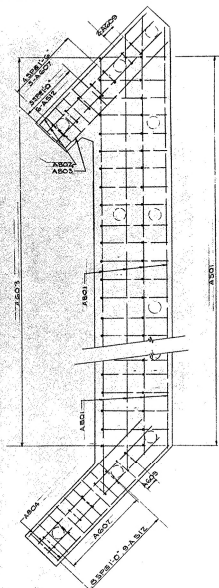
COL-11-2170
MAN-11-70.00



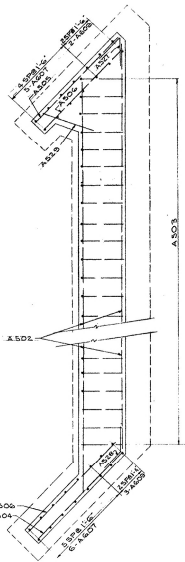
NOTES

ALL REINFORCING STEEL IN THE BOTTOM OF THE FOOTING SHALL HAVE A 3" COVER. ALL OTHER REINFORCING STEEL SHALL HAVE A 2" MIN. COVER EXCEPT WHERE NOTED OTHERWISE.
THE CONCRETE IN THE ABUTMENT BACKWALL SHALL NOT BE PLACED UNTIL STEEL WORK IS ERECTED, BUT SHALL BE PLACED BEFORE THE DECK SLAB IS PLACED.

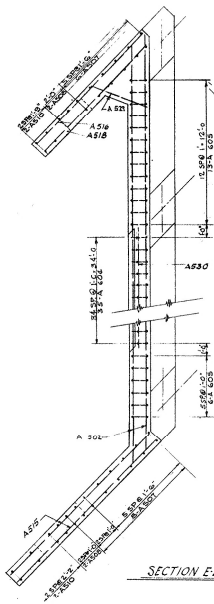
STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES			
GLADYS, PYLE & SCHMIDT YOUNGSTOWN, OHIO			
ABUTMENT DETAILS			
BRIDGE NO. MAH 11-094 L&R			
OVER S.R. 14 B 46			
MANIONING CO. S.R. N 11			
STA. 103+93.01			
DESIGNED	DRAWN	CHECKED	APPROVED
D.S.	D.S.	J.M.	W.L.D. 8-4-57



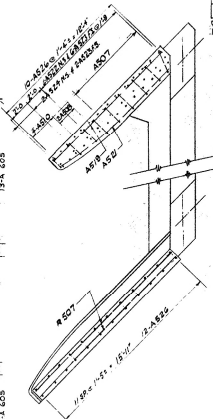
SECTION C-C



SECTION D-D



SECTION E-E



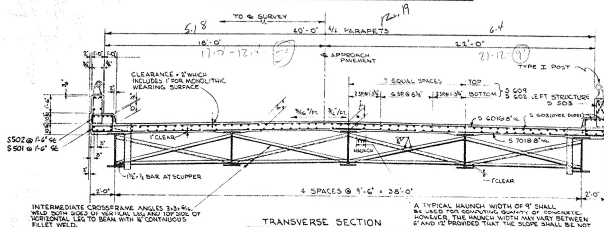
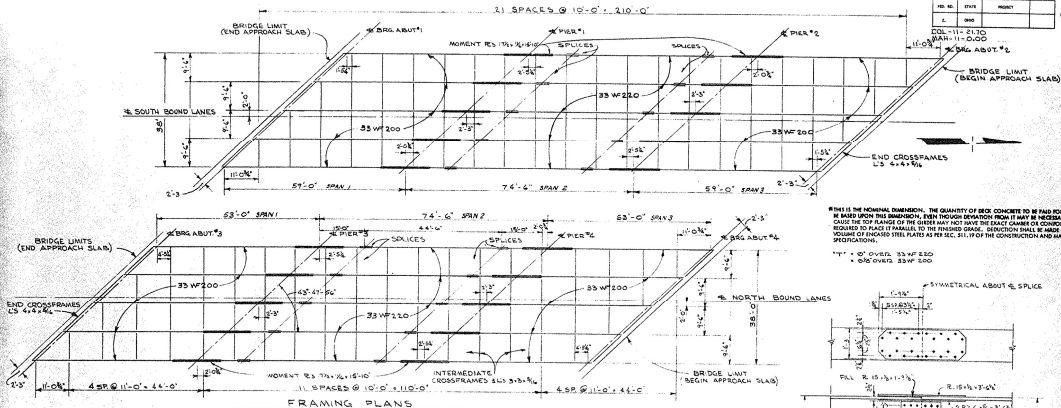
SECTION F-F

FILE NO.	STATE	PROJECT
2	OHIO	

350
555

COL-11-21.70
MAH-11-0.00

STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES			
GLAUS, PYLE & SCHMIDT YOUNGSTOWN, OHIO			
ABUTMENT DETAILS			
BRIDGE NO. MAH. 11-0194 LBR			
OVER S.R. 14 B 46			
MAHONING CO. S.R. N411			
STA. 103+90.01			
DESIGNED	DJ	CHECKED	3M
DATE	WY'D	6-20-44	DATE



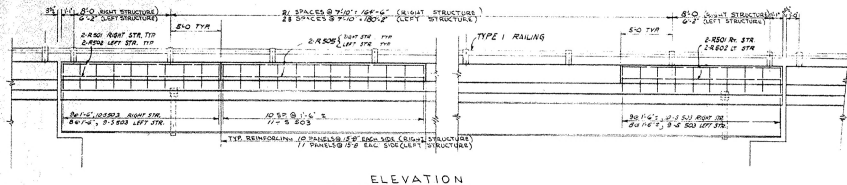
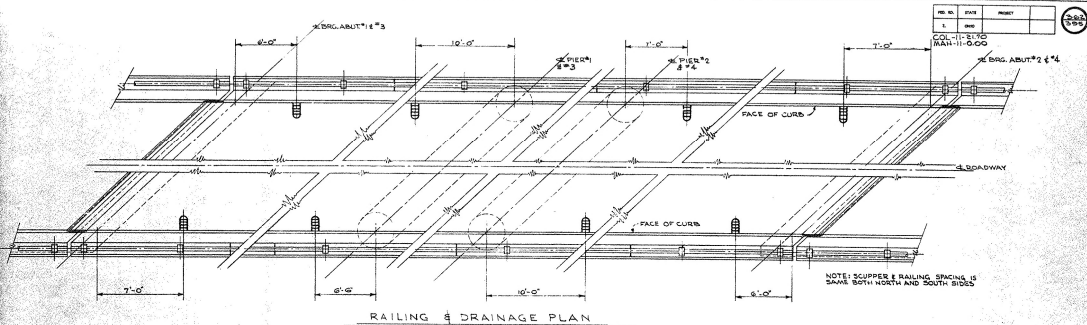
DEFLECTION AND CAMBER

	SPAN 1	SPAN 2	SPAN 3
DEF. DUE TO WT. OF STEEL	4.0" 2.8"	6.0" 4.2"	6.0" 4.2"
DEF. DUE TO REMAINING D.L.	0.3" 0.3"	0.1" 0.1"	0.1" 0.1"
DEF. DUE TO REM. DEAD LOAD	1.6" 1.7"	0.5" 0.5"	0.5" 0.5"
REQD SHOP CAMBER	0.0" 0.0"	0.0" 0.0"	0.0" 0.0"
DEF. DUE TO WEIGHT OF STEEL	0.6" 0.7"	0.3" 0.3"	0.3" 0.3"
DEF. DUE TO REM. DEAD LOAD	3.7" 3.7"	2.6" 2.6"	2.6" 2.6"
REQD SHOP CAMBER	3.8" 4.5"	2.9" 3.1"	2.9" 3.1"

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES

BRIDGE NO. 14 846
FRAMING PLAN
BRIDGE NO. 14 846 L&R
OVER S.R. 14 846
MANHONG CO. S.R. #11
STA. 103+90.01

DESIGNED BY: J.A. WOOD
CHECKED BY: J.A. WOOD
DATE: 5-4-67



FILE NO.	STATE	PROJECT
1.	OHIO	

COL-11-11-10
MAH-11-0-00

R.E. DRG. ABUT*2 & 4

ROADWAY

2-22 1977

ING. SPACING IS
SOUTH SIDES

STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES			
AKRON, OHIO		GLAUS, PYLE & SCHOMER TOLEDO/TOWNSHIP, OHIO	
RAILING AND DRAINAGE DETAILS			
BRIDGE N° MAH. 11-0194 L.B.R.			
OVER SR. 14 B.46			
MAHONING CO. S.R. N°11			
STA. 103+90.01			
DRAWN BY	CHECKED BY	DATE	APPROVED BY
D.S.	T.M.	WLD 5-4-67	