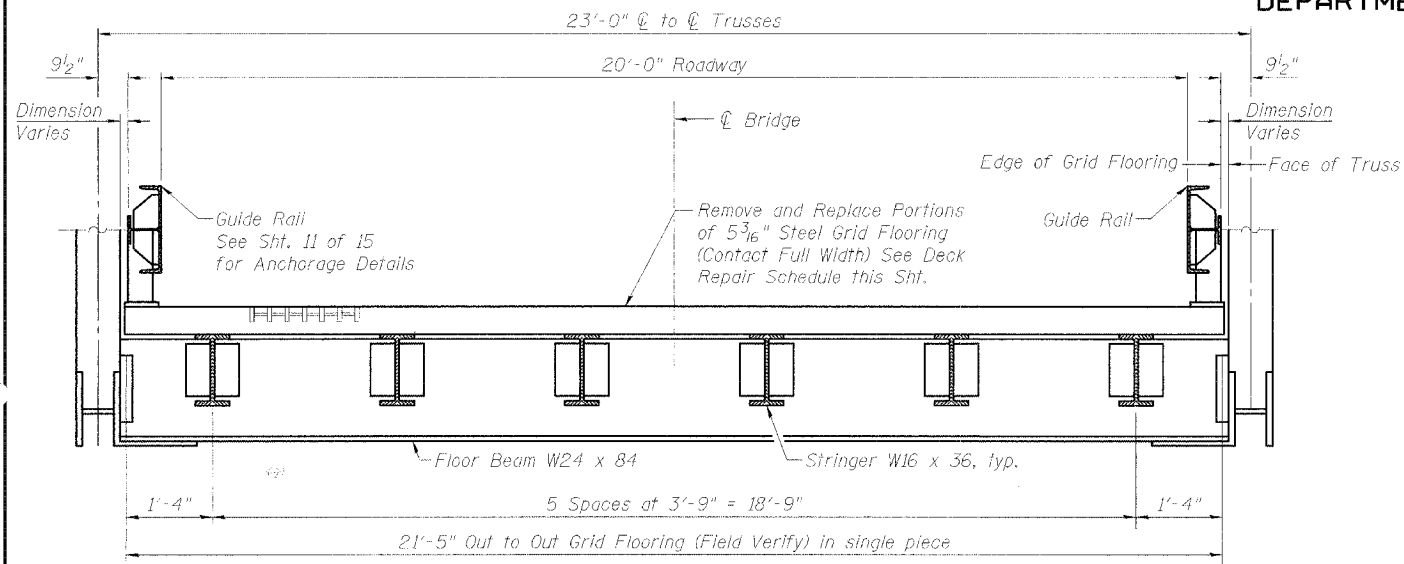
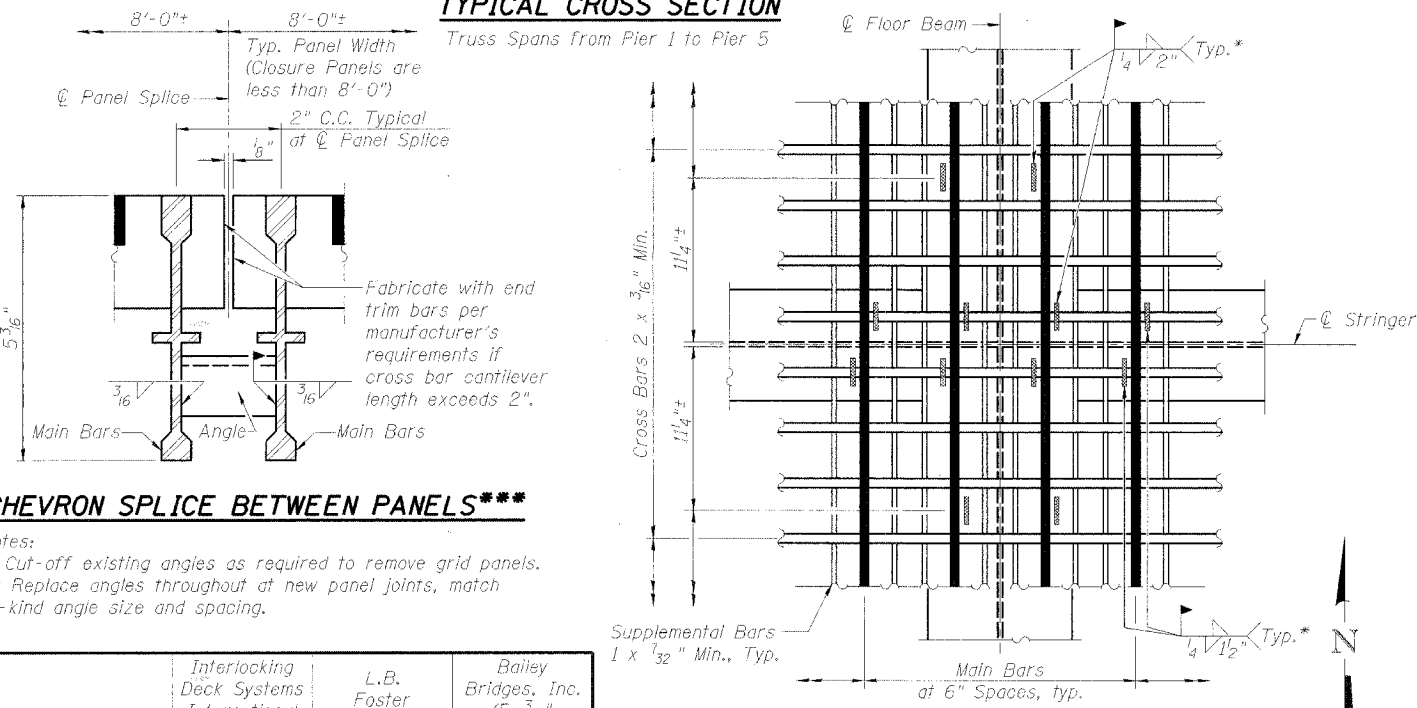


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 17	6000 M-1	CARROLL	20	15
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT



TYPICAL CROSS SECTION



CHEVRON SPLICE BETWEEN PANELS***

Notes:
1) Cut-off existing angles as required to remove grid panels.
2) Replace angles throughout at new panel joints, match in-kind angle size and spacing.

	Interlocking Deck Systems International (ODS5S-06) Main bars at 6" sp.	L.B. Foster (RB 6.2 M) Main bars at 6" sp.	Bailey Bridges, Inc. (5-3/16" RB 6.2) Main bars at 6" sp.
Uncoated Approx. Weight (psf)	19.2	19.2	20.0
** S Top (in. ³ /ft.)	4.24	4.281	4.185
** S Bot. (in. ³ /ft.)	5.00	5.260	4.571

ALTERNATE GRID FLOORING***

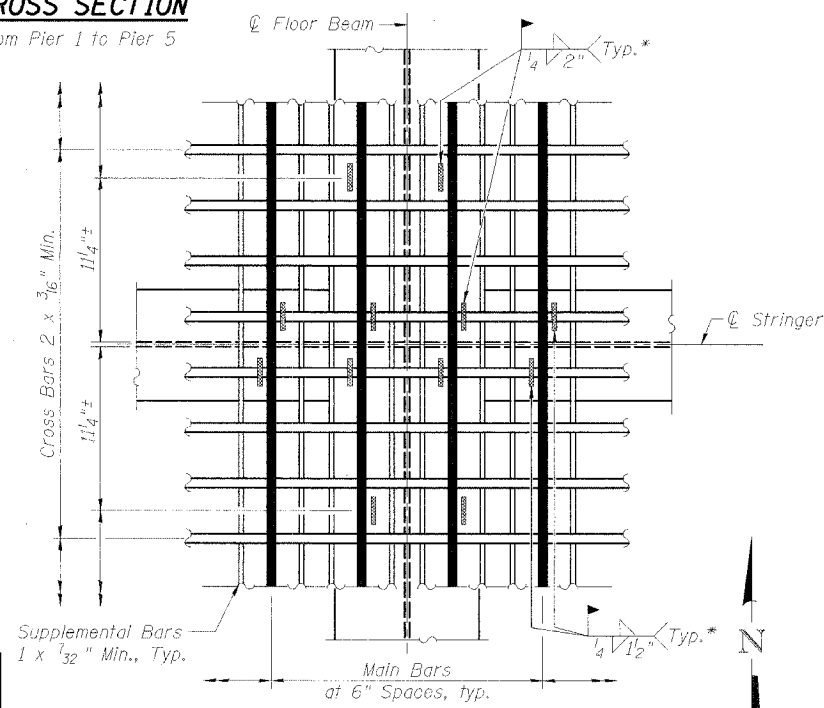
(ASTM A36 Steel; Hot Dip Galvanized)

*** Do not weld to galvanized steel. Apply touch-up paint to welds. See Special Provisions.

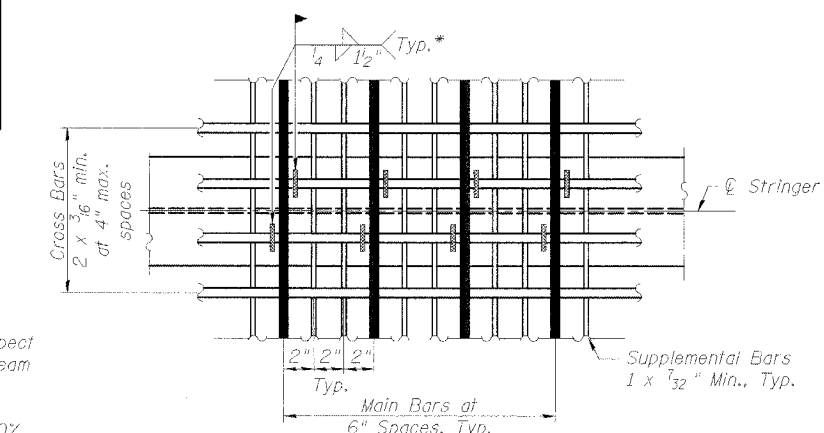
DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

* Alternate weld location with respect to main bars as shown on floor beam and stringers.

** Section properties based on 50% of the supplemental bars active.



PLAN OF STEEL GRID AT FLOOR BEAM***



PLAN OF STEEL GRID AT STRINGER***

DECK REPAIR SCHEDULE

Panel Number	Remove & Replace Deck Panel	Deck Panel to Remain	Repair Cracked Deck Panel Welds
1	X		
2	X		
3	X		
4		X	
5	X		
6	X		
7	X		
8	X		
9	X		
10	X		
11	X		
12	X		
13	X		
14	X		
15	X		
16		X	
17	X		
18	X		
19		X	
20		X	
21		X	X
22		X	X
23		X	X
24		X	X
25	X		
26		X	X
27		X	
28		X	
29		X	
30	X		
31		X	
32		X	X
33	X		
34	X		
35	X		
36		X	
37		X	
38	X		
39		X	
40		X	
41	X		
42	X		
43		X	X
44		X	
45		X	
46		X	X
47		X	
48		X	
49	X		
50	X		
51	X		
52	X		
53		X	
54		X	
55		X	
56		X	
57		X	
58		X	
59		X	
60		X	
61		X	
62		X	
63		X	X
64		X	
65		X	
66		X	
67		X	
68	X		
69	X		
70	X		

Panel Number	Remove & Replace Deck Panel	Deck Panel to Remain	Repair Cracked Deck Panel Welds
71		X	X
72		X	X
73		X	X
74	X		
75		X	X
76		X	X
77		X	
78		X	
79	X		
80	X		
81	X		
82		X	
83	X		
84		X	
85	X		
86	X		
87	X		
88	X		
89	X		
90	X		
91	X		
92	X		
93		X	
94		X	
95		X	
96		X	
97		X	
98		X	
99		X	
100		X	
101		X	
102		X	
103	X		
104		X	
105		X	
106		X	X
107		X	X
108		X	
109	X		
110	X		
111	X		
112	X		
113	X		
114	X		
115	X		
116	X		
117	X		
118	X		
119	X		
120	X		
121	X		
122	X		
123	X		
124		X	
125		X	
126		X	
127	X		
128		X	X
129	X		
130		X	
131	X		
132	X		
133		X	
134		X	
135		X	X
136		X	
137	X		
138		X	
139	X		
140	X		

Panel Number	Remove & Replace Deck Panel	Deck Panel to Remain	Repair Cracked Deck Panel Welds
141		X	
142		X	
143	X		
144		X	
145		X	
146	X		
147	X		
148	X		
149	X		
150	X		
151	X		
152		X	
153		X	
154	X		
155		X	
156		X	
157	X		
158	X		
159	X		
160	X		
161	X		
162	X		
163	X		
164	X		
165	X		
166	X		
167	X		
168	X		
169	X		
170	X		
171	X		
172	X		
173	X		
174	X		
175	X		
176	X		
177	X		
178	X		
Total	97	81	18 Each
Approx. Area	16,619 SF	14,216 SF	
Pay Item	Open Steel Floor		Repair of Existing Open Steel Floor Welds

1) Panel numbering starts at west end, Pier 1.
2) Verify panel lengths before ordering.

STEEL GRID DETAILS
F.A.P. RTE. 17 (US 52/IL 64)
OVER MISSISSIPPI RIVER
SECTION 6000 M-1
CARROLL COUNTY (IL)
JACKSON COUNTY (IA)
STRUCTURE NO. 008-6000

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