

SN 099-0056 (E.B.) SCOPE OF WORK

03/16/14 NBIS Inspection Report Item No.	Location
120	Span 4 Girder 9, 5' west of Pier 4. Bolt through cover plate and bottom flange.
180	Span 5 Girder 2, 8' west of Pier 5. Strengthen girder.
179	Guardrail missing bolts throughout. See table this sheet. Replace 91 missing bolts.
69	Span 4 Girder 7 diaphragm at Pier 4. Replace one missing bolt.
244	Span 7, Gusset \bar{r} at L8S. Replace 1 Broken Bolt
203	Span 8 FB 10 Stringers 1 thru 7. Replace 14 deteriorated bolts at stringer bottom flange to bearing connection.
138	Span 8 L12N-L13N splice 6' east of L12N. Replace 24 deteriorated web splice bolts.
205	Span 8 L12S-L13S splice. Replace 5 deteriorated web splice bolts.
206	Span 8 FB 13 mid-span connection plate. Replace two missing bolts.
207	Span 8 FB 13 Stringer 1. Replace one missing bolt.
208	Span 8 FB 13 below Stringer 4. Replace one missing bolt.
82	Span 8 FB 13 at L13S. Replace one missing bolt.
211	Span 8 FB 20 Stringers 1 thru 7. Replace 14 deteriorated bolts at stringer bottom flange to bearing connection.
232	Span 8 FB 16, Panel 17, Stringers 1 thru 7. Replace 14 deteriorated bolts at Stringer Seat Connection.
213	Span 8, 6' from FB22, Panel 23. Install bolt in miss drilled hole.
219	Span 8 & 9, S. Brg. at Pier 8. Replace loose bolt above pin.
253	Span 9, Stringer 5, Midspan Panel 27 at diaphragm. Replace loose bolt.
178	Span 25, Pier 25, Brgs. at Girder 4 & 5. Tighten loose anchor bolt nuts (2 at each Girder)
155	Span 8 L22N-U22N. Strengthen vertical.
249	Span 8, L15S-U15S. Strengthen vertical
252	Span 8, L16N-U16N. Strengthen diagonal
190	Span 21 Girder 6 at Pier 20. Strengthen girder.
20	Span 8 FB 23 Stringers 6. Remove existing repairs and strengthen stringer.
183	Span 8, FB 16, Stringer 1. Strengthen stringer.
233	Span 8, FB 21, Stringer 1. Strengthen stringer.
256	Span 9, FB 30, Stringer 1. Strengthen stringer.
259	Span 11, Pier 10, Girder 2. Strengthen girder.
260	Span 11, Pier 10, Girder 3. Strengthen girder.
261	Span 11, Pier 10, Girder 4. Strengthen girder.
262	Span 11, Pier 10, Girder 5. Strengthen girder.
263	Span 11, Pier 10, Girder 6. Strengthen girder.
264	Span 11, Pier 10, Girder 7. Strengthen girder.
191	Span 21 Girder 1, 7' from Pier 20. Strengthen girder.
225	Span 3 Pier 3 Diaph. btwn. Girders 6 & 7. Strengthen Diaphragm.
226	Span 4 Pier 4 Diaph. btwn. Girders 8 & 9. Strengthen Diaphragm.
236	Span 20 Pier 19 Diaph. btwn. Girders 3 & 4. Strengthen Diaphragm.
227	Above Pier 6, Stringer 1 & 2. Remove portion of Deck above flange, then install shear studs and repour deck.
140	Span 8, U13S-U14S at U13S. Wearing groove. Repair Pin.
141	Span 8, U13N-U14N at U13S. Wearing groove. Repair Pin.

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94	Pier 10, Span 11, Girders 1 & 3. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
95	Pier 10, Span 11, Girders 4, 5 & 7. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
98	Pier 11, Span 11 & 12, Girders 3, 6, 7 & 8. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
99	Pier 12, Span 12, Girders 2, 3 & 6. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
168	Pier 12, Span 13, Girders 1, 3, 4 & 5. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
266	Pier 14, Span 14, Girder 4. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
170	Pier 16, Span 16, Girder 2. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
171	Pier 16, Span 17, Girders 2, 4, 5 & 6. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
175	Pier 19, Span 19, Girders 1, 3, 4, 5 & 7. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
110	Pier 22, Span 23, Girders 4, 5 & 6. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
189	Pier 20, Span 20, Girder 7. Jack & clean bearings & install \bar{r} between Bearing & Sole \bar{r} as required.
102	Pier 17, Span 18, between Girders 5 & 6. Web repair
119	Pier 4, Span 4, between Girders 7 & 8. Web repair
270	Pier 21, Span 22, between Girders 6 & 7. Web repair
43	Span 7, Panel Point 7. Seal as gaps full length. Replace damaged portion of seal.
81	Span 8, Panel Point 13. 8' of joint failed. Replace damaged portion of seal.
220	Span 9, Panel Point 30. 4' leaking in N. lane. Replace damaged portion of seal.
45	Pier 11. Spans 11 & 12, N. curb. 5' leaking. Replace damaged portion of seal.
169	Span 14, Pier 14. 15' of joint failed. Replace damaged portion of seal.
222	Span 16 & 17, Pier 16, N. end. 15' of joint failed. Replace damaged portion of seal.
47	Span 17 & 18, Pier 17. 20' leaking. Replace damaged portion of seal.
48	Span 18 & 19, Pier 18. 2' of joint failed. Replace damaged portion of seal.
49	Span 20 & 21, Pier 20. 2' leaking in lanes 1 & 2. Replace damaged portion of seal.
35	Spans 22 & 23, Pier 22. 3' of joint failed in lane 1. Replace damaged portion of seal.
224	Spans 23 & 24, Pier 23, N. end. Joint failed full length. Replace damaged portion of seal.
234	Pier 12, Spans 12 & 13 between Girders 1 & 3. 10' of joint failed. Replace damaged portion of seal.

ITEM 179 - MISSING GUARDRAIL BOLTS

Span	N. Rail	S. Rail
2	3	0
3	7	0
6	3	0
7	2	1
8	10	0
9	2	1
10	0	2
11	0	2
12	0	1
13	0	13
14	1	5
15	2	4
16	0	2
17	0	7
18	0	2
19	0	9
20	4	15
21	0	10
22	0	6
23	1	0
27	1	0