

MW 203 R5 11-92

Bridge inspection report

CONSOLIDATED RAIL CORPORATION

Pennsgrove Sec.
Mantua CRK

R G	D V	LINE CODE		T P	BRIDGE NUMBER		BR TYP	DK TYP	MILEPOST	TOT #TK	TOT #SP	U S	#TK INS	#SP INS	PAG NUM	INSP NUMBER	DATE		
																	M	DAY	YR
10	99	1	2	D	13	70	STOP			1	55		1	5	1105	50812			

ITM	GENERAL	CONDITIONS
1	PAINT (_____ YR) *	① ② ● ④ ⑤
2	CLEARANCE SIGNS	① ② ③ ④
3	UG CLR (_____)	① ② ③ ④
4	LOAD LIMIT (_____ TN)	① ② ③ ④
5	FIRE PROTECTION	① ② ③ ④
6	ACTION UNDER LOAD	① ② ③ ④ ⑤
7	APPROACH TRACK	① ● ③ ④ ⑤
8	TRACK ON BRIDGE	① ● ③ ④ ⑤
9	CLEANLINESS	① ● ③ ④

ITM	GENERAL	CONDITIONS
10	PAVING	① ② ③ ④ ⑤
11	SHEET PILING	① ② ③ ④ ⑤
12	SCOUR	① ② ③ ④ ⑤
13	RIP RAP	① ② ● ④ ⑤
14	FENDER	① ● ③ ④ ⑤

ITM	GENERAL	CONDITIONS
15	ABUT N E (C S)	① ② ③ ④ ⑤
16	ABUT S W (C S)	① ② ③ ④ ⑤
17	WINGWALL (M T C S)	① ② ③ ④ ⑤
18	BACKWALL (M T ● S)	① ● ③ ④ ⑤
19	BRIDGE SEAT (C S)	① ② ③ ④ ⑤
20	PIER	① ② ③ ④ ⑤
21	PIER CAP	① ② ③ ④ ⑤
22	PEDESTAL	① ② ③ ④ ⑤
23	GRILLAGE	① ② ③ ④ ⑤
24	ARCHES	① ② ③ ④ ⑤
25	SPANDRELS	① ② ③ ④ ⑤
26	PARAPETS	① ② ③ ④ ⑤
27	POINTING	① ② ③ ④ ⑤
28	GUNITE	① ② ③ ④ ⑤
29	SLAB	① ② ③ ④ ⑤
30	ENCASEMENT CONC	① ② ③ ④ ⑤
31	HEADWALL	① ② ③ ④ ⑤
32	FOOTING	① ② ③ ④ ⑤

CODES	FORM MW205 USED?	Y
1 - NEW	FORM MW206 USED?	Y
2 - GOOD	FORM MW207 USED?	Y
3 - FAIR	SKETCH MADE?	Y
4 - POOR	PHOTOS TAKEN?	●
5 - CRITICAL	*USE PAINT CODES	
	ITEM 1	

ITM	BEAMS/TRUSSES	CONDITIONS
33	TOP FL/CHORD	① ● ③ ④ ⑤
34	BOT FL/CHORD	① ● ③ ④ ⑤
35	BEARING STFNR	① ● ③ ④ ⑤
36	WEB/DIAGONAL	① ● ③ ④ ⑤
37	HANGERS	① ② ③ ④ ⑤
38	COUNTERS	① ② ③ ④ ⑤
39	END POSTS	① ② ③ ④ ⑤
40	INT POSTS	① ② ③ ④ ⑤
41	PINS	① ② ③ ④ ⑤
42	CONN PLATES	① ② ③ ④ ⑤
43	RIVETS/BOLTS	① ● ③ ④ ⑤
44	WELDS	① ● ③ ④ ⑤
45	COL/BENTS	① ● ③ ④ ⑤
46	TOWERS	① ② ③ ④ ⑤
47	SOLE PLATES	① ② ③ ④ ⑤
48	MASONRY PLATES	① ② ③ ④ ⑤
49	SHOES	① ② ③ ④ ⑤
50	ROLLER/ROCKER	① ② ③ ④ ⑤
51	SLIDE PLATES	① ② ③ ④ ⑤
52	SHIMS	① ② ③ ④ ⑤
53	ANCHOR BOLTS	① ● ③ ④ ⑤
54	WOOD BLKING	① ② ③ ④ ⑤

ITM	BEAMS/TRUSSES	CONDITIONS
55	FOUNDATIONS	① ② ③ ④ ⑤
56	BULKHEADS	① ② ③ ● ⑤
57	PILING	① ● ③ ④ ⑤
58	SILLS	① ② ③ ④ ⑤
59	POSTS	① ② ③ ④ ⑤
60	CAPS	① ● ③ ④ ⑤
61	CROSS-CAPS	① ② ③ ④ ⑤
62	STRINGERS	① ② ③ ④ ⑤
63	LAT. BRACING	① ● ③ ④ ⑤
64	LONG. BRACING	① ② ③ ④ ⑤
65	SHIMS	① ② ③ ④ ⑤

ITM	TRESTLES	CONDITIONS
66	FLR BM WEB	① ② ③ ④ ⑤
67	FLR BM TOP FL	① ② ③ ④ ⑤
68	FLR BM BOT FL	① ② ③ ④ ⑤
69	FLR BM CONN	① ② ③ ④ ⑤
70	STR WEB	① ② ③ ④ ⑤
71	STR TOP FLG	① ② ③ ④ ⑤
72	STR BOT FLG	① ② ③ ④ ⑤
73	STR CONN	① ② ③ ④ ⑤
74	STEEL FLOOR	① ② ③ ④ ⑤
75	CONCRETE FLOOR	① ② ③ ④ ⑤
76	TIMBER FLOOR	① ② ③ ④ ⑤
77	ASPHALT FLOOR	① ② ③ ④ ⑤
78	WATERPROOFING	① ② ③ ④ ⑤
79	TIES (# 162)	① ● ③ ④ ⑤
80	TIESPACER	① ● ③ ④ ⑤
81	HOOK BOLTS	① ● ③ ④ ⑤
82	SPACING BLOCK	① ● ③ ④ ⑤
83	GUARDRAIL	① ● ③ ④ ⑤
84	DECK HARDWARE	① ② ③ ④ ⑤
85	WALK (C T ●)	① ● ③ ④
86	RAILING (T ● A)	① ● ③ ④
87	DRAINAGE	① ② ③ ④ ⑤
88	EXPANSION JOINTS	① ② ③ ④ ⑤
89	BALLAST RETAINER	① ② ③ ④ ⑤
90	BALLAST SECTION	① ● ③ ④ ⑤

ITM	BRACING	CONDITIONS
91	TOP LATERALS	① ● ③ ④ ⑤
92	TOP LAT PLATES	① ② ● ④ ⑤
93	BOT LATERALS	① ● ③ ④ ⑤
94	BOT LAT PLATES	① ● ③ ④ ⑤
95	SWAY FRAMES	① ● ③ ④ ⑤
96	DIAPHRAGMS	① ● ③ ④ ⑤
97	PORTALS	① ② ③ ④ ⑤
98	TOWERS	① ② ③ ④ ⑤

ITM	FLOOR SYSTEM	CONDITIONS
99	IS TRACK IN SERVICE?	(N)
100	IS BRIDGE IN SERVICE?	(N)
101	IS BRIDGE CR MTCE?	(N)
102	IS BRIDGE PART CR MTCE?	(Y)

SUPERVISOR [Signature]
DIVN ENGR [Signature]

INSPECTOR [Signature]

Pivot bearing is worn there is a gap of about 1/4" on the back end when the swing span is closed. The bearing seat gusset are cracked and the top lateral intersection plate is reduced very thin. There is a small hole in the girder web next to the bridge seat gear.

BRIDGE NUMBER 113.70 LINE CODE 9912

COMMENTS		
GENERAL CONDITION	<input type="radio"/> GIRDER OR BEAM WEB REDUCED	<input type="radio"/> FLOOR BEAM CONN CRACKED
<input type="radio"/> CLEARANCE SIGNS LOOSE	<input type="radio"/> HOLES IN WEB OVER BEARING	<input type="radio"/> BOLTS/RIVETS LOOSE/MISSING
<input type="radio"/> LOAD LIMIT SIGNS MISSING	<input type="radio"/> HOLES IN WEB ALONG BOT FLG	<input type="radio"/> STRINGER WEBS REDUCED
<input type="radio"/> ONLY ONE LOAD LIMIT SIGN	<input type="radio"/> DIAGONAL LOOSE ON PINS	<input type="radio"/> STRINGER WEBS CRACKED
<input type="radio"/> LOAD LIMIT SIGNS ILLEGIBLE	<input type="radio"/> DIAGONAL DAMAGED BY IMPACT	<input type="radio"/> HOLES IN STRINGER WEBS
<input type="radio"/> LATERAL MOTION UNDER LOAD	<input type="radio"/> HANGERS CRACKED AT TOP	<input type="radio"/> TOP FLG STR RED/CRACKED
<input type="radio"/> EXCESSIVE VERTICAL MOTION	<input type="radio"/> HANGERS CRACKED AT BOTTOM	<input type="radio"/> BOT FLG STR RED/CRACKED
<input type="radio"/> BEARINGS PUMPING	<input type="radio"/> HANGERS DAMAGED BY IMPACT	<input type="radio"/> STRINGER CONN CRACKED
<input type="radio"/> LOW APPROACHES	<input type="radio"/> COUNTERS LOOSE ON PINS	<input type="radio"/> STR BOLTS/RIVETS MISSING
<input type="radio"/> TRACK LINE POOR	<input type="radio"/> COUNTERS DAMAGED BY IMPACT	<input type="radio"/> WELDS CRACKED
<input type="radio"/> TRACK SURFACE POOR	<input type="radio"/> RIVETS LOOSE OR BROKEN	<input type="radio"/> STEEL FLOOR RED OR CRACKED
<input type="radio"/> RAIL JOINTS POOR	<input type="radio"/> RIVET HEADS REDUCED TOP FLG	<input type="radio"/> HOLES IN STEEL FLOOR
<input type="radio"/> PAVING BROKEN UP	<input type="radio"/> RIVET HEADS REDUCED BOT FLG	<input type="radio"/> CONCRETE FLOOR CRACKED
<input type="radio"/> WATER FLOWING UNDER PAVING	<input type="radio"/> PINS LOOSE	<input type="radio"/> CONCRETE FLOOR SPALLED
<input type="radio"/> NO PAVING	<input type="radio"/> PINS WORN	<input type="radio"/> BALLAST FALLING THRU
<input type="radio"/> RUSTY OR DEFORMED SHEETING	<input type="radio"/> NUTS LOOSE OR MISSING	<input type="radio"/> TIMBER FLOOR SOFT
<input type="radio"/> SHEET FILING DESTROYED	<input type="radio"/> COLUMNS REDUCED AT BOTTOM	<input type="radio"/> TIMBER FLOOR ROTTED
<input type="radio"/> SCOUR UNDER ABUTS OR PIERS	<input type="radio"/> COLUMNS REDUCED AT TOP	<input type="radio"/> HOLES IN TIMBER FLOOR
<input type="radio"/> SCOUR UNDER WINGWALLS	<input type="radio"/> COLUMNS DAMAGED BY IMPACT	<input type="radio"/> WATER LEAKING THRU
<input checked="" type="radio"/> RIP RAP NEEDED ALONG BANKS	<input type="radio"/> SOLE PLATES DEFORMED	<input type="radio"/> TIES SPIKE KILLED
<input type="radio"/> RIP RAP NEEDED PIER/ABUTS	<input type="radio"/> SOLE PLATES CRACKED	<input type="radio"/> TIES SPLIT
<input type="radio"/> SPECIAL COMMENTS 1	<input type="radio"/> MASONRY PLATES DEFORMED	<input type="radio"/> TIES PLATE CUT
FENDER SYSTEM	<input type="radio"/> MASONRY PL WORN INTO B-SEAT	<input type="radio"/> SPACE BAR/TIMBER DAMAGED
<input type="radio"/> SHEETING DAMAGED OR MISSING	<input type="radio"/> SHOES WORN INTO MASONRY	<input type="radio"/> HOOK BOLTS BROKEN/MISSING
<input type="radio"/> WALERS DAMAGED OR MISSING	<input type="radio"/> SHOES OUT OF LEVEL	<input type="radio"/> GUARD RAILS MISSING
<input type="radio"/> PILING DAMAGED OR MISSING	<input type="radio"/> ROCKERS OUT OF LEVEL	<input type="radio"/> SOME DECK HARDWARE MISSING
<input type="radio"/> SPECIAL COMMENTS 2	<input type="radio"/> EXPANSION ROLLERS MISSING	<input type="radio"/> SOME FOOTWALK MISSING
MASONRY	<input type="radio"/> EXPANSION ROLLERS FROZEN	<input type="radio"/> SOME HANDRAIL MISSING
<input type="radio"/> ABUTMENTS CRACKED/SPALLED	<input type="radio"/> SHIMS WORKING OUT	<input type="radio"/> POSTS RUSTED OR BROKEN OFF
<input type="radio"/> ABUTMENTS LEAVING	<input type="radio"/> SHIMS NEEDED	<input type="radio"/> DRAINAGE SYSTEM NOT WORKING
<input type="radio"/> ABUTMENTS CRACKS WIDENING	<input type="radio"/> ANCHOR BOLTS MISSING	<input type="radio"/> SPECIAL COMMENTS 6
<input type="radio"/> WINGWALLS CRACKED/SPALLED	<input type="radio"/> ANCHOR BOLTS BENT	TIMBER TRESTLES
<input type="radio"/> WINGWALL CRACKS WIDENING	<input type="radio"/> WOOD BLOCKING NEEDED	<input checked="" type="radio"/> TIMBER BULKHEADS ROTTED
<input type="radio"/> TIMBER B-WALLS DISPLACED	<input type="radio"/> WOOD BLOCKING CRUSHING	<input type="radio"/> TIMBER BULKHEADS UNDERCUT
<input type="radio"/> TIMBER B-WALLS DETERIORATING	<input type="radio"/> REMOVE DIRT/STONE FROM BRGS	<input type="radio"/> PILING HOLLOW
<input type="radio"/> TIMBER B-WALLS UNDERCUT	<input type="radio"/> SPECIAL COMMENTS 4	<input type="radio"/> PILING SPLIT
<input type="radio"/> PIERS CRACKED OR SPALLED	STEEL BRACING	<input type="radio"/> SILLS ROTTED & CRUSHING
<input type="radio"/> PIERS LEANING	<input type="radio"/> TOP LATERALS REDUCED	<input type="radio"/> POSTS ROTTED
<input type="radio"/> PIER CRACKS WIDENING	<input type="radio"/> TOP LATERALS BROKEN	<input type="radio"/> CAPS CRUSHING
<input type="radio"/> PEDESTALS CRACKED/SPALLED	<input type="radio"/> TOP LAT PLS REDUCED	<input type="radio"/> CAPS SPLIT
<input type="radio"/> ARCHES CRACKED OR SPALLED	<input type="radio"/> TOP LAT PLS BROKEN	<input type="radio"/> CAPS HOLLOW
<input type="radio"/> PARAPETS CRACKED/SPALLED	<input type="radio"/> BOT LATERALS REDUCED	<input type="radio"/> STRINGER CRUSHING
<input type="radio"/> PARAPETS LEANING	<input type="radio"/> BOT LATERALS BROKEN	<input type="radio"/> STRINGER SPLIT
<input type="radio"/> POINTING NEEDED ARCH RING	<input type="radio"/> BOT LAT PLS REDUCED	<input type="radio"/> HELPER STRINGER INSTALLED
<input type="radio"/> POINTING NEEDED ALONG WALLS	<input type="radio"/> BOT LAT PLS BROKEN	<input type="radio"/> SPECIAL COMMENTS 7
<input type="radio"/> GUNITE COMING OFF	<input type="radio"/> SWAY FRAMES RED OR CRACKED	TIMBER BRACING
<input type="radio"/> SLAB SPALLED STEEL EXPOSED	<input type="radio"/> PORTALS DAMAGED OR CRACKED	<input type="radio"/> BRACING SPLIT OR LOOSE
<input type="radio"/> SLAB SPALLED STEEL NOT EXPD	<input type="radio"/> TOWER LEGS RED OR CRACKED	<input type="radio"/> BRACING MISSING OR BROKEN
<input type="radio"/> SLAB CRACKED	<input type="radio"/> TOWER BRACING REDUCED	<input type="radio"/> ADDITIONAL BRACING REQUIRED
<input type="radio"/> SPECIAL COMMENTS 3	<input type="radio"/> COVERED WITH VEGETATION	<input type="radio"/> LONG BRACING SPLIT OR LOOSE
BEAMS OR TRUSSES	<input type="radio"/> SPECIAL COMMENTS 5	<input type="radio"/> LONG BRACING GONE OR BROKEN
<input type="radio"/> TOP FLG/CHORD RED IN WIDTH	FLOOR SYSTEM	<input type="radio"/> ADDITIONAL LONG BRACE REQ'D
<input type="radio"/> TOP FLG/CHORD RED IN THICK	<input type="radio"/> FLOOR BEAM WEBS REDUCED	<input type="radio"/> MUD SILLS ROTTED & CRUSHING
<input type="radio"/> BOT FLG/CHORD RED IN WIDTH	<input type="radio"/> HOLES IN FLOOR BEAM WEBS	<input checked="" type="radio"/> SPECIAL COMMENTS 8
<input type="radio"/> BOT FLG/CHORD RED IN THICK	<input type="radio"/> FLOOR BEAM WEBS CRACKED	<input type="radio"/> SPECIAL COMMENTS 9
<input type="radio"/> BOT FLG/CHORD CRACKED @ BRG	<input type="radio"/> TOP FLG FLBM RED/CRACKED	<input type="radio"/> SPECIAL COMMENTS 10
<input type="radio"/> BEARING STIFF GONE @ BOTTOM	<input type="radio"/> BOT FLG FLBM RED/CRACKED	<input type="radio"/> SPECIAL COMMENTS 11

CONSOLIDATED RAIL CORPORATION

Penns Grove Sec.
Mantua CRK

MW 203 R5 11-92

Bridge inspection report

R G	D V	LINE CODE		T P	BRIDGE NUMBER				BR TYP	DK TYP	MILEPOST				TOT #TK	TOT #SP	U S	#TK INS	#SP INS	PAG NUM	INSP NUMBER	DATE			
																					M	DAY	YR		
1	0	1	2	D	1	3	7	0	STOP					1	5		1	5	1	1051	10	5	12		
0	0	0	0	0	0	0	0	0	T	R	O	P	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	1	1	1	1	1	1	1	D	G	L	T	1	1	1	1	1	1	1	1	1	1	1	1	
2	2	2	2	2	2	2	2	2	I	B	T	B	2	2	2	2	2	2	2	2	2	2	2	2	
3	3	3	3	3	3	3	3	3	S	U	C	S	3	3	3	3	3	3	3	3	3	3	3	3	
4	4	4	4	4	4	4	4	4	B	A	S	G	4	4	4	4	4	4	4	4	4	4	4	4	
5	5	5	5	5	5	5	5	5	C	I	P	A	5	5	5	5	5	5	5	5	5	5	5	5	
6	6	6	6	6	6	6	6	6	P	C	I		6	6	6	6	6	6	6	6	6	6	6	6	
7	7	7	7	7	7	7	7	7	M	P			7	7	7	7	7	7	7	7	7	7	7	7	
8	8	8	8	8	8	8	8	8	R	B			8	8	8	8	8	8	8	8	8	8	8	8	
9	9	9	9	9	9	9	9	9	O	T			9	9	9	9	9	9	9	9	9	9	9	9	
				A	M	Y	A	M	Y	Y	TRACK				C	●									
				B	N	Z	B	N	Z	Z	RAIL				●	W									
				C CULVERT																					

ITM	GENERAL	CONDITIONS
1	PAINT (_____ YR)*	0 1 2 3 4 5
2	CLEARANCE SIGNS	1 2 3 4
3	UG CLR (_____)	1 2 3 4
4	LOAD LIMIT (_____ TN)	1 2 3 4
5	FIRE PROTECTION	1 2 3 4
6	ACTION UNDER LOAD	1 2 3 4 5
7	APPROACH TRACK	1 2 3 4 5
8	TRACK ON BRIDGE	1 2 3 4 5
9	CLEANLINESS	1 2 3 4
STREAM BED		
10	PAVING	1 2 3 4 5
11	SHEET PILING	1 2 3 4 5
12	SCOUR	1 2 3 4 5
13	RIP RAP	1 2 3 4 5
14	FENDER	1 2 3 4 5
MASONRY		
15	ABUT N E (C S)	1 2 3 4 5
16	ABUT S W (C S)	1 2 3 4 5
17	WINGWALL (M T C S)	1 2 3 4 5
18	BACKWALL (M T C S)	1 2 3 4 5
19	BRIDGE SEAT (C S)	1 2 3 4 5
20	PIER	1 2 3 4 5
21	PIER CAP	1 2 3 4 5
22	PEDESTAL	1 2 3 4 5
23	GRILLAGE	1 2 3 4 5
24	ARCHES	1 2 3 4 5
25	SPANDRELS	1 2 3 4 5
26	PARAPETS	1 2 3 4 5
27	POINTING	1 2 3 4 5
28	GUNITE	1 2 3 4 5
29	SLAB	1 2 3 4 5
30	ENCASEMENT CONC	1 2 3 4 5
31	HEADWALL	1 2 3 4 5
32	FOOTING	1 2 3 4 5

ITM	BEAMS/TRUSSES	CONDITIONS
33	TOP FL/CHORD	1 2 3 4 5
34	BOT FL/CHORD	1 2 3 4 5
35	BEARING STFNR	1 2 3 4 5
36	WEB/DIAGONAL	1 2 3 4 5
37	HANGERS	1 2 3 4 5
38	COUNTERS	1 2 3 4 5
39	END POSTS	1 2 3 4 5
40	INT POSTS	1 2 3 4 5
41	PINS	1 2 3 4 5
42	CONN PLATES	1 2 3 4 5
43	RIVETS/BOLTS	1 2 3 4 5
44	WELDS	1 2 3 4 5
45	COL/BENTS	1 2 3 4 5
46	TOWERS	1 2 3 4 5
47	SOLE PLATES	1 2 3 4 5
48	MASONRY PLATES	1 2 3 4 5
49	SHOES	1 2 3 4 5
50	ROLLER/ROCKER	1 2 3 4 5
51	SLIDE PLATES	1 2 3 4 5
52	SHIMS	1 2 3 4 5
53	ANCHOR BOLTS	1 2 3 4 5
54	WOOD BLKING	1 2 3 4 5
TRESTLES		
55	FOUNDATIONS	1 2 3 4 5
56	BULKHEADS	1 2 3 4 5
57	PILING	1 2 3 4 5
58	SILLS	1 2 3 4 5
59	POSTS	1 2 3 4 5
60	CAPS	1 2 3 4 5
61	CROSS-CAPS	1 2 3 4 5
62	STRINGERS	1 2 3 4 5
63	LAT. BRACING	1 2 3 4 5
64	LONG. BRACING	1 2 3 4 5
65	SHIMS	1 2 3 4 5

ITM	FLOOR SYSTEM	CONDITIONS
66	FLR BM WEB	1 2 3 4 5
67	FLR BM TOP FL	1 2 3 4 5
68	FLR BM BOT FL	1 2 3 4 5
69	FLR BM CONN	1 2 3 4 5
70	STR WEB	1 2 3 4 5
71	STR TOP FLG	1 2 3 4 5
72	STR BOT FLG	1 2 3 4 5
73	STR CONN	1 2 3 4 5
74	STEEL FLOOR	1 2 3 4 5
75	CONCRETE FLOOR	1 2 3 4 5
76	TIMBER FLOOR	1 2 3 4 5
77	ASPHALT FLOOR	1 2 3 4 5
78	WATERPROOFING	1 2 3 4 5
79	TIES (# 16d)	1 2 3 4 5
80	TIESPACER	1 2 3 4 5
81	HOOK BOLTS	1 2 3 4 5
82	SPACING BLOCK	1 2 3 4 5
83	GUARDRAIL	1 2 3 4 5
84	DECK HARDWARE	1 2 3 4 5
85	WALK (C T ●)	1 2 3 4
86	RAILING (T ● A)	1 2 3 4
87	DRAINAGE	1 2 3 4 5
88	EXPANSION JOINTS	1 2 3 4 5
89	BALLAST RETAINER	1 2 3 4 5
90	BALLAST SECTION	1 2 3 4 5
BRACING		
91	TOP LATERALS	1 2 3 4 5
92	TOP LAT PLATES	1 2 3 4 5
93	BOT LATERALS	1 2 3 4 5
94	BOT LAT PLATES	1 2 3 4 5
95	SWAY FRAMES	1 2 3 4 5
96	DIAPHRAGMS	1 2 3 4 5
97	PORTALS	1 2 3 4 5
98	TOWERS	1 2 3 4 5

CODES	FORM MW205 USED?	Y
1 - NEW	FORM MW206 USED?	Y
2 - GOOD	FORM MW207 USED?	Y
3 - FAIR	SKETCH MADE?	Y
4 - POOR	PHOTOS TAKEN?	●
5 - CRITICAL	*USE PAINT CODES	
	ITEM 1	

RECOMMEND ANNUAL INSP?	Y
IS BRIDGE CONCEALED?	Y
BRIDGE LIST CHECKED?	●
ADDITIONAL REMARKS MADE?	●
SUPERVISOR	
DIVN ENGR	

IS TRACK IN SERVICE?	N
IS BRIDGE IN SERVICE?	N
IS BRIDGE CR MTCE?	N
IS BRIDGE PART CR MTCE?	Y
INSPECTOR	

The pivot bearing is worn, and there is a gap of a 1/4" on the back end when the swing span is closed. The top lateral intersection plate is reduced very thin. There is a small hole in the girder web next to the swing span cam.

BRIDGE NUMBER

1131.170

LINE CODE

9912

COMMENTS		
GENERAL CONDITION	<input type="radio"/> GIRDER OR BEAM WEB REDUCED	<input type="radio"/> FLOOR BEAM CONN CRACKED
<input type="radio"/> CLEARANCE SIGNS LOOSE	<input type="radio"/> HOLES IN WEB OVER BEARING	<input type="radio"/> BOLTS/RIVETS LOOSE/MISSING
<input type="radio"/> LOAD LIMIT SIGNS MISSING	<input type="radio"/> HOLES IN WEB ALONG BOT FLG	<input type="radio"/> STRINGER WEBS REDUCED
<input type="radio"/> ONLY ONE LOAD LIMIT SIGN	<input type="radio"/> DIAGONAL LOOSE ON PINS	<input type="radio"/> STRINGER WEBS CRACKED
<input type="radio"/> LOAD LIMIT SIGNS ILLEGIBLE	<input type="radio"/> DIAGONAL DAMAGED BY IMPACT	<input type="radio"/> HOLES IN STRINGER WEBS
<input type="radio"/> LATERAL MOTION UNDER LOAD	<input type="radio"/> HANGERS CRACKED AT TOP	<input type="radio"/> TOP FLG STR RED/CRACKED
<input type="radio"/> EXCESSIVE VERTICAL MOTION	<input type="radio"/> HANGERS CRACKED AT BOTTOM	<input type="radio"/> BOT FLG STR RED/CRACKED
<input type="radio"/> BEARINGS PUMPING	<input type="radio"/> HANGERS DAMAGED BY IMPACT	<input type="radio"/> STRINGER CONN CRACKED
<input type="radio"/> LOW APPROACHES	<input type="radio"/> COUNTERS LOOSE ON PINS	<input type="radio"/> STR BOLTS/RIVETS MISSING
<input type="radio"/> TRACK LINE POOR	<input type="radio"/> COUNTERS DAMAGED BY IMPACT	<input type="radio"/> WELDS CRACKED
<input type="radio"/> TRACK SURFACE POOR	<input type="radio"/> RIVETS LOOSE OR BROKEN	<input type="radio"/> STEEL FLOOR RED OR CRACKED
<input type="radio"/> RAIL JOINTS POOR	<input type="radio"/> RIVET HEADS REDUCED TOP FLG	<input type="radio"/> HOLES IN STEEL FLOOR
<input type="radio"/> PAVING BROKEN UP	<input type="radio"/> RIVET HEADS REDUCED BOT FLG	<input type="radio"/> CONCRETE FLOOR CRACKED
<input type="radio"/> WATER FLOWING UNDER PAVING	<input type="radio"/> PINS LOOSE	<input type="radio"/> CONCRETE FLOOR SPALLED
<input type="radio"/> NO PAVING	<input type="radio"/> PINS WORN	<input type="radio"/> BALLAST FALLING THRU
<input type="radio"/> RUSTY OR DEFORMED SHEETING	<input type="radio"/> NUTS LOOSE OR MISSING	<input type="radio"/> TIMBER FLOOR SOFT
<input type="radio"/> SHEET FILING DESTROYED	<input type="radio"/> COLUMNS REDUCED AT BOTTOM	<input type="radio"/> TIMBER FLOOR ROTTED
<input type="radio"/> SCOUR UNDER ABUTS OR PIERS	<input type="radio"/> COLUMNS REDUCED AT TOP	<input type="radio"/> HOLES IN TIMBER FLOOR
<input type="radio"/> SCOUR UNDER WINGWALLS	<input type="radio"/> COLUMNS DAMAGED BY IMPACT	<input type="radio"/> WATER LEAKING THRU
<input checked="" type="radio"/> RIP RAP NEEDED ALONG BANKS	<input type="radio"/> SOLE PLATES DEFORMED	<input type="radio"/> TIES SPIKE KILLED
<input type="radio"/> RIP RAP NEEDED PIER/ABUTS	<input type="radio"/> SOLE PLATES CRACKED	<input type="radio"/> TIES SPLIT
<input type="radio"/> SPECIAL COMMENTS 1	<input type="radio"/> MASONRY PLATES DEFORMED	<input type="radio"/> TIES PLATE CUT
FENDER SYSTEM	<input type="radio"/> MASONRY PL WORN INTO B-SEAT	<input type="radio"/> SPACE BAR/TIMBER DAMAGED
<input type="radio"/> SHEETING DAMAGED OR MISSING	<input type="radio"/> SHOES WORN INTO MASONRY	<input type="radio"/> HOOK BOLTS BROKEN/MISSING
<input type="radio"/> WALERS DAMAGED OR MISSING	<input type="radio"/> SHOES OUT OF LEVEL	<input type="radio"/> GUARD RAILS MISSING
<input type="radio"/> PILING DAMAGED OR MISSING	<input type="radio"/> ROCKERS OUT OF LEVEL	<input type="radio"/> SOME DECK HARDWARE MISSING
<input type="radio"/> SPECIAL COMMENTS 2	<input type="radio"/> EXPANSION ROLLERS MISSING	<input type="radio"/> SOME FOOTWALK MISSING
MASONRY	<input type="radio"/> EXPANSION ROLLERS FROZEN	<input type="radio"/> SOME HANDRAIL MISSING
<input type="radio"/> ABUTMENTS CRACKED/SPALLED	<input type="radio"/> SHIMS WORKING OUT	<input type="radio"/> POSTS RUSTED OR BROKEN OFF
<input type="radio"/> ABUTMENTS LEAVING	<input type="radio"/> SHIMS NEEDED	<input type="radio"/> DRAINAGE SYSTEM NOT WORKING
<input type="radio"/> ABUTMENTS CRACKS WIDENING	<input type="radio"/> ANCHOR BOLTS MISSING	<input type="radio"/> SPECIAL COMMENTS 6
<input type="radio"/> WINGWALLS CRACKED/SPALLED	<input type="radio"/> ANCHOR BOLTS BENT	TIMBER TRESTLES
<input type="radio"/> WINGWALL CRACKS WIDENING	<input type="radio"/> WOOD BLOCKING NEEDED	<input checked="" type="radio"/> TIMBER BULKHEADS ROTTED
<input type="radio"/> TIMBER B-WALLS DISPLACED	<input type="radio"/> WOOD BLOCKING CRUSHING	<input type="radio"/> TIMBER BULKHEADS UNDERCUT
<input type="radio"/> TIMBER B-WALLS DETERIORATING	<input type="radio"/> REMOVE DIRT/STONE FROM BRGS	<input type="radio"/> PILING HOLLOW
<input type="radio"/> TIMBER B-WALLS UNDERCUT	<input type="radio"/> SPECIAL COMMENTS 4	<input type="radio"/> PILING SPLIT
<input type="radio"/> PIERS CRACKED OR SPALLED	STEEL BRACING	<input type="radio"/> SILLS ROTTED & CRUSHING
<input type="radio"/> PIERS LEANING	<input type="radio"/> TOP LATERALS REDUCED	<input type="radio"/> POSTS ROTTED
<input type="radio"/> PIER CRACKS WIDENING	<input type="radio"/> TOP LATERALS BROKEN	<input type="radio"/> CAPS CRUSHING
<input type="radio"/> PEDESTALS CRACKED/SPALLED	<input type="radio"/> TOP LAT PLS REDUCED	<input type="radio"/> CAPS SPLIT
<input type="radio"/> ARCHES CRACKED OR SPALLED	<input type="radio"/> TOP LAT PLS BROKEN	<input type="radio"/> CAPS HOLLOW
<input type="radio"/> PARAPETS CRACKED/SPALLED	<input type="radio"/> BOT LATERALS REDUCED	<input type="radio"/> STRINGER CRUSHING
<input type="radio"/> PARAPETS LEANING	<input type="radio"/> BOT LATERALS BROKEN	<input type="radio"/> STRINGER SPLIT
<input type="radio"/> POINTING NEEDED ARCH RING	<input type="radio"/> BOT LAT PLS REDUCED	<input type="radio"/> HELPER STRINGER INSTALLED
<input type="radio"/> POINTING NEEDED ALONG WALLS	<input type="radio"/> BOT LAT PLS BROKEN	<input type="radio"/> SPECIAL COMMENTS 7
<input type="radio"/> GUNITE COMING OFF	<input type="radio"/> SWAY FRAMES RED OR CRACKED	TIMBER BRACING
<input type="radio"/> SLAB SPALLED STEEL EXPOSED	<input type="radio"/> PORTALS DAMAGED OR CRACKED	<input type="radio"/> BRACING SPLIT OR LOOSE
<input type="radio"/> SLAB SPALLED STEEL NOT EXPD	<input type="radio"/> TOWER LEGS RED OR CRACKED	<input type="radio"/> BRACING MISSING OR BROKEN
<input type="radio"/> SLAB CRACKED	<input type="radio"/> TOWER BRACING REDUCED	<input type="radio"/> ADDITIONAL BRACING REQUIRED
<input type="radio"/> SPECIAL COMMENTS 3	<input type="radio"/> COVERED WITH VEGETATION	<input type="radio"/> LONG BRACING SPLIT OR LOOSE
BEAMS OR TRUSSES	<input type="radio"/> SPECIAL COMMENTS 5	<input type="radio"/> LONG BRACING GONE OR BROKEN
<input type="radio"/> TOP FLG/CHORD RED IN WIDTH	FLOOR SYSTEM	<input type="radio"/> ADDITIONAL LONG BRACE REQ D
<input type="radio"/> TOP FLG/CHORD RED IN THICK	<input type="radio"/> FLOOR BEAM WEBS REDUCED	<input type="radio"/> MUD SILLS ROTTED & CRUSHING
<input type="radio"/> BOT FLG/CHORD RED IN WIDTH	<input type="radio"/> HOLES IN FLOOR BEAM WEBS	<input checked="" type="radio"/> SPECIAL COMMENTS 8
<input type="radio"/> BOT FLG/CHORD RED IN THICK	<input type="radio"/> FLOOR BEAM WEBS CRACKED	<input type="radio"/> SPECIAL COMMENTS 9
<input type="radio"/> BOT FLG/CHORD CRACKED @ BRG	<input type="radio"/> TOP FLG FLBM RED/CRACKED	<input type="radio"/> SPECIAL COMMENTS 10
<input type="radio"/> BEARING STIFF GONE @ BOTTOM	<input type="radio"/> BOT FLG FLBM RED/CRACKED	<input type="radio"/> SPECIAL COMMENTS 11

Movable bridge inspection report



Line Code <u>9912</u>	Bridge No. <u>13.70</u>	Date <u>6-25-12</u>
Division <u>South Jersey</u>	Town <u>Paulsboro</u>	Type <u>DG - AFrame</u>
Branch <u>Pennsgrove Sec.</u>	State <u>NJ</u>	Waterway <u>Mantua Creek</u>

EMPLOYEES FAMILIAR WITH THE OPERATION OF THIS BRIDGE:

B&B Mechanics [Signature] Signal Maintainer _____ Bridge Operator _____

Condition 0 = Not Applicable 2 = Good Condition 4 = Poor/Major Repairs
 Codes 1 = New Condition 3 = Fair/Minor Repairs 5 = Critical/Replace

Structures Dept.			C&S Dept.			Track Dept			Electrical Dept.		
No.	Item		No.	Item	Code	No.	Item	Code	No.	Item	
B1	Bridge Ties	<u>2</u>	S1	Power Supply	_____	T1	Rail Anchors	<u>2</u>	E16	Batteries	<u>1</u>
B2	Head Blocks	<u>3</u>	S2	Submar. Cble.	_____	T2	Guard Rails	<u>2</u>	E17	Hse. Wire	<u>2</u>
B3	Miter Gap	<u>2</u>	S3	Batteries	_____	T3	Expan. Rails	<u>2</u>	E18	Hse. Lts.	<u>2</u>
B4	Miter Shoes	<u>2</u>	S4	Ground Conn.	_____	T4	Miter Rail	<u>2</u>	E19	Navig. Lts.	<u>3</u>
B5	Superstruct.*	<u>2</u>	S5	Motors	_____	T5	Miter Bolts	<u>2</u>	E20	Other	<u>1</u>
B6	Substruct.*	<u>2</u>	S6	Generators	_____	T6	Spikes	<u>2</u>	Mechanical Dept. No. Item _____		
B7	Fender Syst.	<u>2</u>	S7	Transformers	_____	T7	Alignment	<u>2</u>			
B8	Bearings	<u>3</u>	S8	Relays	_____	T8	Gage	<u>2</u>	M1	Engines	_____
B9	Wdges., Bffrs.	<u>0</u>	S9	Time Releases	_____	T9	Approaches	<u>3</u>	M2	Shfts., Cpls	_____
B10	Ltchs., Keprs.	<u>0</u>	S10	Switch board	_____	T10	Rail Size	<u>122R</u>	M3	Brgs., Pvts	_____
B11	Operating Rds.	<u>2</u>	S11	Intlk. Mach.	_____	T11	Others	_____	M4	Brakes	_____
B12	Bridge Locks	<u>2</u>	S12	Signals	_____	T12	_____	_____	M5	Gears, Racks	_____
B13	Walkways	<u>2</u>	S13	Switch Movn.	_____	Electrical Dept. No. Item Code			M6	Worms	_____
B14	Ladders, Rings	<u>2</u>	S14	Levers, Crnks.	_____				E1	Motors	<u>Yorvos HP 1</u>
B15	Counterwts.	<u>0</u>	S15	Deraills	_____	E2	Voltage	<u>480 120/240</u>	M8	Boilers	_____
B16	Track Girders	<u>0</u>	S16	Rail Locks	_____	E3	AC or DC	<u>Both</u>	M9	Indicators	_____
B17	Roll Girders	<u>0</u>	S17	Rail Insul.	_____	E4	Serv. Supply	<u>2</u>	M10	Lubricators	_____
B18	Guides, Rollrs	<u>0</u>	S18	Track Circuit	_____	E5	Switch Panel	<u>2</u>	M11	Fire Prot.	_____
B19	Bridge Alignm.	<u>2</u>	S19	Elec Contacts	_____	E6	Protection	<u>2</u>	M12	Operation	_____
B20	Oper. Cables	<u>0</u>	S20	Limit Switches	_____	E7	Wiring	<u>4</u>	M13	Noises	_____
B21	Ctr. Wt. Cbls.	<u>0</u>	S21	Indicators	_____	E8	Relays	<u>2</u>	M14	Other	_____
B22	Sheaves	<u>0</u>	S22	Lubrication	_____	E9	Limit Swtchs	<u>2</u>	Meter Readings M15 Strt. Op. _____ AMP M16 Run Open _____ AMP M17 Strt. Cls. _____ AMP M18 Run Cls. _____ AMP		
B23	Control Room	<u>2</u>	S23	Catenary	_____	E10	Indicators	<u>2</u>			
B24	Machine Room	<u>2</u>	S24	Telephones	_____	E11	Rheostats	<u>1</u>	Standby Power M19 Type _____ M20 Date Tested _____		
B25	Cleanliness	<u>2</u>	S25	Radio, RR	_____	E12	Meters	<u>2</u>			
B26	Paint	<u>3</u>	S26	Radio, Marine	_____	E13	Controllers	<u>2</u>	Standby Power M19 Type _____ M20 Date Tested _____		
B27	Fire Prot.	<u>2</u>	S27	Cleanliness	_____	E14	Elec. Brakes	<u>1</u>			
B28	Life Presvrs.	<u>2</u>	S28	Other	_____	E15	Ground Conn.	<u>2</u>	Standby Power M19 Type _____ M20 Date Tested _____		
B29	Test Opening yes	<u>2</u>	S29	_____	_____						
B30	Qualified Opr. Yes	<u>Yes</u>	S30	_____	_____						
B31	Opr. Inst. Posted Yes or No	_____									
B32	Other	_____									

*Use MW 203 reports to show details
 Remarks: wiring going bad between 480 volts panel & JB3

Use Supplemental Sheet For Additional Notes or Sketches

Signatures of those employees making this inspection

Structures Department <u>[Signature]</u>	Title <u>B&B Inspector</u>
C&S Department <u>[Signature]</u>	Title _____
Track Department <u>[Signature]</u>	Title <u>m w Inspector</u>
Electrical Department <u>[Signature]</u>	Title <u>B&B Electrician</u>
Mechanical Department _____	Title _____