



**TIN MILL PRODUCTS
TIN TEMPER COIL STORAGE BUILDING**

HISTORICAL RECORD REPORT

**Prepared by
STRUCTURAL DESIGN CORPORATION
LIBERTYVILLE, ILLINOIS**

Status Cut-Off April 2005

DEFICIENCY FINDINGS HISTORICAL RECORD SUMMARY

Tin Temper Coil Storage Building
5620-GH119/137-00-00

0502008

This report provides the inspection history for the Tin Temper Coil Storage Building facility base on cut-off date on and prior to April 01, 2005 which is not the latest date of inspection.

The deficiency code listed in the following table is used for sorting purposes and noted for reference only.

Each finding under the current inspection forms a unique trace group. A group may contain only the current finding if there is no history behind, otherwise the group consists of a number of findings listed in chronological descending order as it traces back to the original inspection. In terms of repair priority, the listed priority code numeral '1', '2', '3', '4', and '5' stands for 'Immediate repair', 'As soon as possible', 'As soon as practical', 'As staffing permits', and 'No repair required', respectively.

Noted herein for reference only; the inspection ID link sequence based in this report for the Tin Temper Coil Storage Building are 0502008, 0208003, 0022001, 9912001.

Main Location: COLUMN LINE G							IN02-5620-GH119/137-00-00
Trace Group Inspection - Item No.	Sub Location	Inspection Date	Note	Findings	Repair Priority	Deficiency code - unit quantity	
<u>Group 1</u>							
(1) 0502008 - 0001	121-123a-3rd Stiffener	06 / 04 / 2005		[42 inch] cracked, girder web base metal. extends diagonally down into web 8".	2	C GW M - L 42	
(2) 0208003 - 0001		01 / 11 / 2003		[30 inch] cracked, girder web base metal. extends diagonally down into web 5".	2	C GW M - L 30	
(3) 0022001 - 0001		08 / 06 / 2000	<u>new crack</u>	[15 inch] cracked, girder web base metal. extends diagonally down into web 2"	2	C GW M - L 15	
<u>Group 2</u>							
(1) 0502008 - 0002	121-123a-5th Stiffener	06 / 04 / 2005		[40 inch] cracked, girder web base metal.	2	C GW M - L 40	
(2) 0208003 - 0002		01 / 11 / 2003		[31 inch] cracked, girder web base metal.	2	C GW M - L 31	
(3) 0022001 - 0002		08 / 06 / 2000	<u>new crack</u>	[24 inch] cracked, girder web base metal.	2	C GW M - L 24	
<u>Group 3</u>							
(1) 0502008 - 0003	121-123a-Between 8th-9th Stiffeners	06 / 04 / 2005		[4 inch] cracked, girder web base metal. 4" vertical crack starts at repair weld	2	C GW M - L 4	
(2) 0208003 - 0003		01 / 11 / 2003		[4 inch] cracked, girder web base metal. vertical crack starts at repair weld	2	C GW M - L 4	
(3) 0022001 - 0003		08 / 06 / 2000	<u>new crack</u>	[3 inch] cracked, girder web base metal. vertical crack starts at repair weld	2	C GW M - L 3	
<u>Group 4</u>							
(1) 0502008 - 0004	121-123a-End Bearing Stiffener	06 / 04 / 2005		[8 inch] cracked, girder web full penetration weld. end of repair weld behind channel at expansion joint.	2	C GW F - L 8	
(2) 0208003 - 0004		01 / 11 / 2003		[4 inch] cracked, girder web full penetration weld. end of repair weld behind channel at expansion joint.	2	C GW F - L 4	
(3) 0022001 - 0004		08 / 06 / 2000	<u>new crack</u>	[2 inch] cracked, girder web full penetration weld. end of repair weld	2	C GW F - L 2	

Group 5

(1)	0502008 - 0005	123B-125-4th Stiffener	06 / 04 / 2005		[70 inch] cracked, girder web base metal. The crack extends diagonally down into the web 20". The crack has linked up with item 0067 noted in the 2002 inspection report.	1	C GW M - L 70
(2)	0208003 - 0005		01 / 11 / 2003		[47 inch] cracked, girder web base metal. extends diagonally down into the web 15"	2	C GW M - L 47
(3)	0022001 - 0005		08 / 06 / 2000		[40 inch] cracked, girder web base metal. extends diagonally down into the web 10"	2	C GW M - L 40
(4)	9912001 - 0017	123B-124	07 / 21 / 1999		[36 inch] cracked, girder web base metal. Diagonally into web.	2	C GW M - L 36

Group 6

(1)	0502008 - 0006	123B-125-5th Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web base metal.	1	C GW M - L 6
(2)	0208003 - 0006		01 / 11 / 2003		[4 inch] cracked, girder web base metal.	2	C GW M - L 4
(3)	0022001 - 0006		08 / 06 / 2000	new crack	[2 inch] cracked, girder web base metal.	2	C GW M - L 2

Group 7

(1)	0502008 - 0007	123B-125-6th Stiffener	06 / 04 / 2005		[8 inch] cracked, girder web base metal.	1	C GW M - L 8
(2)	0208003 - 0007		01 / 11 / 2003			2	C GW M - L 8
(3)	0022001 - 0007		08 / 06 / 2000	new crack	[3 inch] cracked, girder web base metal.	2	C GW M - L 3

Group 8

(1)	0502008 - 0008	123B-125-7th Stiffener	06 / 04 / 2005		[10 inch] cracked, girder web full penetration weld.	1	C GW F - L 10
(2)	0208003 - 0008		01 / 11 / 2003		[7 inch] cracked, girder web full penetration weld.	2	C GW F - L 7
(3)	0022001 - 0008		08 / 06 / 2000		[6 inch] cracked, girder web full penetration weld.	2	C GW F - L 6
(4)	9912001 - 0018	124-125	07 / 21 / 1999		[6 inch] cracked, girder web base metal.	2	C GW M - L 6

Group 9

(1)	0502008 - 0009	123B-125-End Bearing Stiffener	06 / 04 / 2005		[26 inch] cracked, girder web base metal. thru repair weld	1	C GW M - L 26
(2)	0208003 - 0009		01 / 11 / 2003		[24 inch] cracked, girder web base metal. thru repair weld	2	C GW M - L 24
(3)	0022001 - 0009		08 / 06 / 2000			2	C GW M - L 24
(4)	9912001 - 0021	124-125	07 / 21 / 1999		[24 inch] cracked, girder web base metal. In repair weld.	2	C GW M - L 24

Group 10

(1)	0502008 - 0010	125-127-2nd Stiffener	06 / 04 / 2005		[2 inch] cracked, girder web base metal.	2	C GW M - L 2
(2)	0208003 - 0010		01 / 11 / 2003			2	C GW M - L 2
(3)	0022001 - 0010		08 / 06 / 2000	new crack		2	C GW M - L 2

Group 11

(1)	0502008 - 0011	125-127-4th Stiffener	06 / 04 / 2005		[10 inch] cracked, girder web full penetration weld.	2	C GW F - L 10
(2)	0208003 - 0011		01 / 11 / 2003		[9 inch] cracked, girder web full penetration weld.	2	C GW F - L 9
(3)	0022001 - 0011		08 / 06 / 2000		[8 inch] cracked, girder web full penetration weld.	2	C GW F - L 8
(4)	9912001 - 0025	125-126	07 / 21 / 1999		[6 inch] cracked, girder web base metal. In repair weld.	2	C GW M - L 6

Group 12

(1)	0502008 - 0013	125-127-8th Stiffener	06 / 04 / 2005		[16 inch] cracked, girder web base metal.	2	C GW M - L 16
(2)	0208003 - 0013		01 / 11 / 2003		[14 inch] cracked, girder web base metal.	2	C GW M - L 14

(3)	0022001 - 0013	125-127-8th Stiffener	08 / 06 / 2000	<u>new crack</u>	[8 inch] cracked, girder web base metal.	2	C GW M - L 8
Group 13							
(1)	0502008 - 0014	125-127-End Bearing Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web full penetration weld.	2	C GW F - L 6
(2)	0208003 - 0014		01 / 11 / 2003			2	C GW F - L 6
(3)	0022001 - 0014		08 / 06 / 2000	<u>new crack</u>	[4 inch] cracked, girder web full penetration weld.	2	C GW F - L 4
Group 14							
(1)	0502008 - 0015	129-131-2nd Stiffener	06 / 04 / 2005		[20 inch] cracked, girder web base metal. extends diagonally down into the web 3 1/2" thru a repair weld	2	C GW M - L 20
(2)	0208003 - 0015		01 / 11 / 2003			2	C GW M - L 20
(3)	0022001 - 0015		08 / 06 / 2000		[20 inch] cracked, girder web base metal. extends diagonally down into the web 3" thru a repair weld	2	C GW M - L 20
(4)	9912001 - 0027	127-128	07 / 21 / 1999		[20 inch] cracked, girder web base metal. In repair weld.	1	C GW M - L 20
Group 15							
(1)	0502008 - 0016	129-131-3rd Stiffener	06 / 04 / 2005		[20 inch] cracked, girder web full penetration weld. extends diagonally down into the web 3" and 4" past each end of the weld	2	C GW F - L 20
(2)	0208003 - 0016		01 / 11 / 2003			2	C GW F - L 20
(3)	0022001 - 0016		08 / 06 / 2000			2	C GW F - L 20
(4)	9912001 - 0028	127-128	07 / 21 / 1999		[20 inch] cracked, girder web base metal. In repair weld.	1	C GW M - L 20
Group 16							
(1)	0502008 - 0017	129-131-4th Stiffener	06 / 04 / 2005		[24 inch] cracked, girder web full penetration weld. extends diagonally down into the web 5" and 6" past each end of the weld	2	C GW F - L 24
(2)	0208003 - 0017		01 / 11 / 2003			2	C GW F - L 24
(3)	0022001 - 0017		08 / 06 / 2000			2	C GW F - L 24
(4)	9912001 - 0029	127-128	07 / 21 / 1999		[24 inch] cracked, girder web base metal. Runs diagonally into web.	1	C GW M - L 24
Group 17							
(1)	0502008 - 0019	129-131-6th Stiffener	06 / 04 / 2005		[24 inch] cracked, girder web full penetration weld. extends diagonally down into the web 4" and 6" past each end of the weld	2	C GW F - L 24
(2)	0208003 - 0019		01 / 11 / 2003			2	C GW F - L 24
(3)	0022001 - 0019	130-131-6th Stiffener	08 / 06 / 2000		[24 inch] cracked, girder web full penetration weld. extends diagonally down into the web 3" and 6" past each end of the weld	2	C GW F - L 24
(4)	9912001 - 0031	128-129	07 / 21 / 1999		[24 inch] cracked, girder web base metal. Runs diagonally into web.	1	C GW M - L 24
Group 18							
(1)	0502008 - 0020	129-131-7th Stiffener	06 / 04 / 2005		[15 inch] cracked, girder web full penetration weld. extends diagonally down into the web 3" and 3" past each end of the weld	2	C GW F - L 15
(2)	0208003 - 0020		01 / 11 / 2003			2	C GW F - L 15
(3)	0022001 - 0020	130-131-7th Stiffener	08 / 06 / 2000		[15 inch] cracked, girder web full penetration weld. extends diagonally down into the web 2" and 3" past each end of the weld	2	C GW F - L 15

(4)	9912001 - 0032	128-129	07 / 21 / 1999		[12 inch] cracked, girder web base metal. Runs diagonally into web.	1	C GW M - L 12
Group 19							
(1)	0502008 - 0023	129-131-Between 9th & End Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web fillet weld.	2	C GW W - L 6
(2)	0208003 - 0023		01 / 11 / 2003			2	C GW W - L 6
(3)	0022001 - 0023	130-131-Between 9th & End Stiffener	08 / 06 / 2000	<u>new crack</u>		2	C GW W - L 6
Group 20							
(1)	0502008 - 0024	131-133-2nd Stiffener	06 / 04 / 2005		[3 inch] cracked, girder web full penetration weld.	2	C GW F - L 3
(2)	0208003 - 0024		01 / 11 / 2003			2	C GW F - L 3
(3)	0022001 - 0024	131-132-2nd Stiffener	08 / 06 / 2000	<u>new crack</u>		2	C GW F - L 3
Group 21							
(1)	0502008 - 0025	131-133-3rd Stiffener	06 / 04 / 2005		[1 inch] cracked, girder web base metal. starts at weld and extends down the girder web	2	C GW M - L 1
(2)	0208003 - 0025		01 / 11 / 2003			2	C GW M - L 1
(3)	0022001 - 0025	131-132-3rd Stiffener	08 / 06 / 2000	<u>new crack</u>		2	C GW M - L 1
Group 22							
(1)	0502008 - 0026	131-133-Between 5th-6th Stiffeners	06 / 04 / 2005		[16 inch] cracked, girder web fillet weld.	2	C GW W - L 16
(2)	0208003 - 0026		01 / 11 / 2003		[14 inch] cracked, girder web fillet weld.	2	C GW W - L 14
(3)	0022001 - 0026	131-132-Between 5th-6th Stiffeners	08 / 06 / 2000	<u>new crack</u>	[6 inch] cracked, girder web fillet weld.	2	C GW W - L 6
Group 23							
(1)	0502008 - 0027	133-135-2nd Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web base metal. extends diagonally down into the web 1 1/2".	2	C GW M - L 6
(2)	0208003 - 0027		01 / 11 / 2003			2	C GW M - L 6
(3)	0022001 - 0027		08 / 06 / 2000	<u>new crack</u>	[5 inch] cracked, girder web base metal. extends diagonally down into the web 1"	2	C GW M - L 5
Group 24							
(1)	0502008 - 0029	133-135-Between 7th-8th Stiffeners	06 / 04 / 2005		[3 inch] cracked, girder web fillet weld.	2	C GW W - L 3
(2)	0208003 - 0029		01 / 11 / 2003			2	C GW W - L 3
(3)	0022001 - 0029		08 / 06 / 2000	<u>new crack</u>	[2 inch] cracked, girder web fillet weld.	2	C GW W - L 2
Group 25							
(1)	0502008 - 0030	133-135-8th Stiffener	06 / 04 / 2005		[12 inch] cracked, girder web base metal. The crack extends diagonally down the web 2" through a repair weld.	2	C GW M - L 12
(2)	0208003 - 0030		01 / 11 / 2003		[12 inch] cracked, girder web base metal. Through repair weld.	2	C GW M - L 12
(3)	0022001 - 0030		08 / 06 / 2000		[1 inch] cracked, girder web base metal. at end of 6" repair weld	2	C GW M - L 1
(4)	9912001 - 0045	134-135	07 / 21 / 1999		[6 inch] cracked, girder web base metal. New crack.	1	C GW M - L 6
Group 26							
(1)	0502008 - 0031	133-135-Between 9th & End Stiffener	06 / 04 / 2005		[16 inch] cracked, girder web full penetration weld. extends diagonally down into the web 1"	2	C GW F - L 16
(2)	0208003 - 0031		01 / 11 / 2003			2	C GW F - L 16
(3)	0022001 - 0031		08 / 06 / 2000		[6 inch] cracked, girder web full penetration weld. Note: in 11/99 repair weld	2	C GW F - L 6

(4)	9912001 - 0046	134-135	07 / 21 / 1999		[10 inch] cracked, girder web full penetration weld. In repair weld.	1	C GW F - L 10
<u>Group 27</u>							
(1)	0502008 - 0032	135-137-6th Stiffener	06 / 04 / 2005		[4 inch] cracked, girder web base metal.	2	C GW M - L 4
(2)	0208003 - 0032		01 / 11 / 2003			2	C GW M - L 4
(3)	0022001 - 0032		08 / 06 / 2000		[3 inch] cracked, girder web base metal.	2	C GW M - L 3
(4)	9912001 - 0049	136-137	07 / 21 / 1999		[3 inch] cracked, girder web base metal. New crack.	2	C GW M - L 3
<u>Group 46</u>							
(1)	0502008 - 0067	123B-125-Between 4th and 5th Stiffeners	06 / 04 / 2005		[3 inch] cracked, girder web fillet weld.	1	C GW W - L 3
(2)	0208003 - 0067		01 / 11 / 2003	<u>New crack</u>		2	C GW W - L 3
<u>Group 53</u>							
(1)	0502008 - 0075	127-129-4th Stiffener	06 / 04 / 2005		[2 inch] cracked, girder web base metal.	2	C GW M - L 2
(2)	0208003 - 0075		01 / 11 / 2003	<u>New crack</u>		2	C GW M - L 2
<u>Group 54</u>							
(1)	0502008 - 0079	133-135-5th Stiffener	06 / 04 / 2005		[18 inch] cracked, girder web full penetration weld. Vertical crack at repair weld.	2	C GW F - L 18
(2)	0208003 - 0079		01 / 11 / 2003	<u>New crack</u>	[3.5 inch] cracked, girder web base metal. Vertical crack at repair weld.	2	C GW M - L 3.5
<u>Group 55</u>							
(1)	0502008 - 0080	133-135-6th Stiffener	06 / 04 / 2005		[19 inch] cracked, girder web base metal. extends diagonally down into the web 3"	2	C GW M - L 19
(2)	0208003 - 0080		01 / 11 / 2003	<u>New crack</u>		2	C GW M - L 19
<u>Group 60</u>							
(1)	0502008 - 0085	119-120	06 / 04 / 2005		[3] missing, crane rail clip(s).	4	M CR C - C 3
<u>Group 61</u>							
(1)	0502008 - 0086	121-122	06 / 04 / 2005		[2] missing, crane rail clip(s).	4	M CR C - C 2
<u>Group 62</u>							
(1)	0502008 - 0087	121-122	06 / 04 / 2005		[1] loose, rail splice bolt(s).	3	L RS B - C 1
<u>Group 63</u>							
(1)	0502008 - 0088	121-122	06 / 04 / 2005		[1] missing, diaphragm bolt(s).	3	M D B - C 1
<u>Group 64</u>							
(1)	0502008 - 0089	123-123A	06 / 04 / 2005		[2] missing, crane rail clip(s).	4	M CR C - C 2
<u>Group 65</u>							
(1)	0502008 - 0090	123A-123B-Building Expansion Joint	06 / 04 / 2005		[1] missing, bolt(s).	4	M X B - C 1
<u>Group 66</u>							
(1)	0502008 - 0091	123B-125-Between 2nd and 3rd Stiffeners	06 / 04 / 2005	<u>New crack</u>	[8 inch] cracked, girder web base metal.	1	C GW M - L 8
<u>Group 67</u>							
(1)	0502008 - 0092	123B-127	06 / 04 / 2005		[0.5 inch] worn, crane rail head. Inside Edge	5	WN CR H - L 0.5
<u>Group 68</u>							
(1)	0502008 - 0093	124-125	06 / 04 / 2005		[2] missing, crane rail clip(s).	4	M CR C - C 2
<u>Group 69</u>							
(1)	0502008 - 0094	124-125	06 / 04 / 2005		[2] sheared, thrust plate rivet(s).	3	S THP R - C 2

<u>Group 70</u>					
(1)	0502008 - 0095	123B-124	06 / 04 / 2005	[7] sheared, wind bracing rivet(s).	2 S WB R - C 7
<u>Group 71</u>					
(1)	0502008 - 0096	123B-125-North End Bearing Stiffener	06 / 04 / 2005	<u>New crack</u> [4 inch] cracked, girder web base metal.	1 C GW M - L 4
<u>Group 72</u>					
(1)	0502008 - 0097	125-126-Rail Elevation	06 / 04 / 2005	[12] sheared, wind bracing rivet(s).	2 S WB R - C 12
<u>Group 73</u>					
(1)	0502008 - 0098	126-127	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 74</u>					
(1)	0502008 - 0099	127-128	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 75</u>					
(1)	0502008 - 0100	127-133	06 / 04 / 2005	[0.5 inch] worn, crane rail head. Inside Edge	5 WN CR H - L 0.5
<u>Group 76</u>					
(1)	0502008 - 0101	129-130	06 / 04 / 2005	[25] loose, thrust plate bolt(s).	2 L THP B - C 25
<u>Group 81</u>					
(1)	0502008 - 0106	130-131	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 82</u>					
(1)	0502008 - 0107	132-133	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 83</u>					
(1)	0502008 - 0108	133-134	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 84</u>					
(1)	0502008 - 0109	133-134	06 / 04 / 2005	<u>New crack</u> [100%] sheared, girder tie-back angle. There are no dipahragm plate by design on the north girder.	2 S GTB A - P 100
<u>Group 85</u>					
(1)	0502008 - 0110	134-135	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 88</u>					
(1)	0502008 - 0113	135-137-South End Bearing Stiffener	06 / 04 / 2005	<u>New crack</u> [4 inch] cracked, girder web base metal.	2 C GW M - L 4
<u>Group 89</u>					
(1)	0502008 - 0114	135-137-3rd Stiffener	06 / 04 / 2005	<u>New crack</u> [8 inch] cracked, girder web full penetration weld.	2 C GW F - L 8
<u>Group 90</u>					
(1)	0502008 - 0115	135-137-2nd Stiffener	06 / 04 / 2005	<u>New crack</u> [4 inch] cracked, girder web full penetration weld.	2 C GW F - L 4
<u>Group 91</u>					
(1)	0502008 - 0116	136-137	06 / 04 / 2005	[2] missing, crane rail clip(s).	4 M CR C - C 2
<u>Group 92</u>					
(1)	0502008 - 0117	136-137	06 / 04 / 2005	[1] sheared, rail clip bolt(s).	4 S RC B - C 1
<u>Group 97</u>					
(1)	0502008 - 0122	135-137-5th Stiffener	06 / 04 / 2005	<u>New crack</u> [2 inch] cracked, girder web full penetration weld.	2 C GW F - L 2
<u>Group 116</u>					
(1)	0502008 - 0141	137--2nd End Wall Column	06 / 04 / 2005	[1] missing, anchor bolt nut(s).	4 M A BN - C 1
<u>Group 117</u>					
(1)	0502008 - 0142	124-125	06 / 04 / 2005	[1] missing, traction bracing angle(s).	5 M TB A - C 1

Trace Group Inspection - Item No.	Sub Location	Inspection Date	Note	Findings	Repair Priority	Deficiency code - unit quantity
Group 28						
(1) 0502008 - 0033	119-121-North End Bearing Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web base metal. extends diagonally down into the web 1".	2	C GW M - L 6
(2) 0208003 - 0033	119-121-End Bearing Stiffener	01 / 11 / 2003		[12 inch] cracked, girder web base metal. extends diagonally down into the web 2 1/2".	2	C GW M - L 12
(3) 0022001 - 0033		08 / 06 / 2000		[10 inch] cracked, girder web base metal. extends diagonally down into the web 1"	2	C GW M - L 10
(4) 9912001 - 0051	120-121	07 / 21 / 1999		[10 inch] cracked, girder web base metal. New crack.	2	C GW M - L 10
Group 29						
(1) 0502008 - 0036	129-131-2nd Stiffener	06 / 04 / 2005		[60 inch] cracked, girder web base metal. Through repair weld and extends diagonally down into the web 3" and 1" past each end of the weld. The crack has linked up with item 0037 noted in the 2002 inspection report.	1	C GW M - L 60
(2) 0208003 - 0036		01 / 11 / 2003		[16 inch] cracked, girder web base metal. Through repair weld and extends diagonally down into the web 3" and 1" past each end of the weld	2	C GW M - L 16
(3) 0022001 - 0036		08 / 06 / 2000	<u>new crack</u>	[10 inch] cracked, girder web full penetration weld. extends diagonally down into the web 2" and 1" past each end of the weld	2	C GW F - L 10
Group 30						
(1) 0502008 - 0038	129-131-3rd Stiffener	06 / 04 / 2005		[20 inch] cracked, girder web base metal. Through repair weld and extends diagonally down into the web 3" and 1" past each end of the weld	1	C GW M - L 20
(2) 0208003 - 0038		01 / 11 / 2003		[15 inch] cracked, girder web base metal. Through repair weld and extends diagonally down into the web 3" and 1" past each end of the weld	2	C GW M - L 15
(3) 0022001 - 0038		08 / 06 / 2000	<u>new crack</u>	[6 inch] cracked, girder web full penetration weld. extends diagonally down into the web 2" and 1" past each end of the weld	2	C GW F - L 6
Group 31						
(1) 0502008 - 0039	129-131-Between 4th-5th Stiffeners	06 / 04 / 2005		[70 inch] cracked, girder web full penetration weld. The crack has linked up with item 0040 noted in the 2002 inspection report.	1	C GW F - L 70
(2) 0208003 - 0039		01 / 11 / 2003		[24 inch] cracked, girder web fillet weld. Through repair weld.	2	C GW W - L 24
(3) 0022001 - 0039		08 / 06 / 2000	<u>new crack</u>	[4 inch] cracked, girder web fillet weld.	2	C GW W - L 4
Group 32						
(1) 0502008 - 0041	129-131-5th Stiffener	06 / 04 / 2005		[16 inch] cracked, girder web base metal. extends diagonally down into the web 3"	1	C GW M - L 16
(2) 0208003 - 0041		01 / 11 / 2003		[14 inch] cracked, girder web base metal. extends diagonally down into the web 3"	2	C GW M - L 14
(3) 0022001 - 0041		08 / 06 / 2000		[12 inch] cracked, girder web base metal. extends diagonally down into the web 2"	2	C GW M - L 12
(4) 9912001 - 0063	129-130	07 / 21 / 1999		[12 inch] cracked, girder web base metal. In repair weld, runs diagonally into web.	1	C GW M - L 12
Group 33						
(1) 0502008 - 0042	129-131-Between 5th-6th Stiffeners	06 / 04 / 2005		[18 inch] cracked, girder web fillet weld.	1	C GW W - L 18
(2) 0208003 - 0042		01 / 11 / 2003		[10 inch] cracked, girder web fillet weld.	2	C GW W - L 10

(3)	0022001 - 0042	129-131-Between 5th-6th Stiffeners	08 / 06 / 2000		[10 inch] cracked, girder web fillet weld.	2	C GW W - L 10
(4)	9912001 - 0064	130-131	07 / 21 / 1999		[6 inch] cracked, girder web fillet weld. New crack.	1	C GW W - L 6
Group 34							
(1)	0502008 - 0043	129-131-6th Stiffener	06 / 04 / 2005		[16 inch] cracked, girder web base metal. The crack extends diagonally down into the web 3". The crack has linked up with item 0044 noted in the 2002 inspection report.	1	C GW M - L 16
(2)	0208003 - 0043		01 / 11 / 2003		[4 inch] cracked, girder web base metal. vertical crack	2	C GW M - L 4
(3)	0022001 - 0043		08 / 06 / 2000	<u>new crack</u>	[2 inch] cracked, girder web base metal. vertical crack	2	C GW M - L 2
Group 35							
(1)	0502008 - 0045	129-131-Between 6th-7th Stiffeners	06 / 04 / 2005		[26 inch] cracked, girder web fillet weld.	1	C GW W - L 26
(2)	0208003 - 0045		01 / 11 / 2003		[24 inch] cracked, girder web fillet weld.	2	C GW W - L 24
(3)	0022001 - 0045		08 / 06 / 2000		[12 inch] cracked, girder web fillet weld.	2	C GW W - L 12
(4)	9912001 - 0066	130-131	07 / 21 / 1999		[6 inch] cracked, girder web fillet weld. New crack.	1	C GW W - L 6
Group 36							
(1)	0502008 - 0046	129-131-8th Stiffener	06 / 04 / 2005		[16 inch] cracked, girder web full penetration weld.	1	C GW F - L 16
(2)	0208003 - 0046		01 / 11 / 2003		[6 inch] cracked, girder web full penetration weld.	2	C GW F - L 6
(3)	0022001 - 0046		08 / 06 / 2000	<u>new crack</u>		2	C GW F - L 6
Group 37							
(1)	0502008 - 0048	129-131-End Bearing Stiffener	06 / 04 / 2005		[15 inch] cracked, girder web full penetration weld. bottom flange	1	C GW F - L 15
(2)	0208003 - 0048		01 / 11 / 2003		[15 inch] cracked, girder web base metal. bottom flange	2	C GW M - L 15
(3)	0022001 - 0048		08 / 06 / 2000	<u>new crack</u>		2	C GW M - L 15
Group 38							
(1)	0502008 - 0057	133-135-4th Stiffener	06 / 04 / 2005		[10 inch] cracked, girder web full penetration weld. extends diagonally down into the web 4"	1	C GW F - L 10
(2)	0208003 - 0057		01 / 11 / 2003			2	C GW F - L 10
(3)	0022001 - 0057	133-134-4th Stiffener	08 / 06 / 2000		[8 inch] cracked, girder web full penetration weld. extends diagonally down into the web 2"	2	C GW F - L 8
Group 39							
(1)	0502008 - 0058	133-135-5th Stiffener	06 / 04 / 2005		[12 inch] cracked, girder web full penetration weld.	1	C GW F - L 12
(2)	0208003 - 0058		01 / 11 / 2003			2	C GW F - L 12
(3)	0022001 - 0058	133-134-5th Stiffener	08 / 06 / 2000			2	C GW F - L 12
Group 40							
(1)	0502008 - 0059	133-135-6th Stiffener	06 / 04 / 2005		[12 inch] cracked, girder web full penetration weld. extends diagonally down into the web 4" and extends 3" past each end of the weld	1	C GW F - L 12
(2)	0208003 - 0059		01 / 11 / 2003			2	C GW F - L 12
(3)	0022001 - 0059	134-135-6th Stiffener	08 / 06 / 2000		[12 inch] cracked, girder web full penetration weld. extends 3" past each end of the weld	2	C GW F - L 12
(4)	9912001 - 0079	134-135	07 / 21 / 1999		[12 inch] cracked, girder web base metal. Inrepair weld, runs diagonally into web.	2	C GW M - L 12

Group 41

(1)	0502008 - 0060	133-135-Between 6th-7th Stiffeners	06 / 04 / 2005	[12 inch] cracked, girder web fillet weld.	1	C GW W - L 12
(2)	0208003 - 0060		01 / 11 / 2003		2	C GW W - L 12
(3)	0022001 - 0060	134-135-Between 6th-7th Stiffeners	08 / 06 / 2000		2	C GW W - L 12
(4)	9912001 - 0080	134-135	07 / 21 / 1999	[12 inch] cracked, girder web fillet weld. New crack.	2	C GW W - L 12

Group 42

(1)	0502008 - 0061	133-135-7th Stiffener	06 / 04 / 2005	[60 inch] cracked, girder web base metal. extends diagonally down 2" into web through repair weld. The crack has linked up with item 0062 noted in the 2000 inspection report.	1	C GW M - L 60
(2)	0208003 - 0061		01 / 11 / 2003		2	C GW M - L 60
(3)	0022001 - 0061	134-135-7th Stiffener	08 / 06 / 2000	[50 inch] cracked, girder web base metal.	2	C GW M - L 50
(4)	9912001 - 0081	134-135	07 / 21 / 1999	[12 inch] cracked, girder web base metal. In repair weld, runs diagonally into web.	2	C GW M - L 12

Group 43

(1)	0502008 - 0064	133-135-9th Stiffener	06 / 04 / 2005	[28 inch] cracked, girder web base metal. The crack extends diagonally down 3" into web through repair weld. The crack has linked up with item 0063 noted in the 2002 inspection report.	1	C GW M - L 28
(2)	0208003 - 0064		01 / 11 / 2003	[10 inch] cracked, girder web base metal. extends diagonally down into the web 3"	2	C GW M - L 10
(3)	0022001 - 0064	134-135-9th Stiffener	08 / 06 / 2000		2	C GW M - L 10
(4)	9912001 - 0084	134-135	07 / 21 / 1999	[10 inch] cracked, girder web base metal. New crack, runs diagonally into web.	2	C GW M - L 10

Group 44

(1)	0502008 - 0065	135-137-3rd Stiffener	06 / 04 / 2005	[24 inch] cracked, girder web base metal. extends diagonally down into the web 2" thru repair weld	2	C GW M - L 24
(2)	0208003 - 0065		01 / 11 / 2003		2	C GW M - L 24
(3)	0022001 - 0065		08 / 06 / 2000		2	C GW M - L 24
(4)	9912001 - 0085	135-136	07 / 21 / 1999	[24 inch] cracked, girder web base metal. In repair weld, runs diagonally into web.	2	C GW M - L 24

Group 45

(1)	0502008 - 0066	135-137-4th Stiffener	06 / 04 / 2005	[12 inch] cracked, girder web full penetration weld. extends diagonally down into the web 1"	2	C GW F - L 12
(2)	0208003 - 0066		01 / 11 / 2003		2	C GW F - L 12
(3)	0022001 - 0066		08 / 06 / 2000		2	C GW F - L 12
(4)	9912001 - 0086	135-136	07 / 21 / 1999	[12 inch] cracked, girder web base metal. In repair weld, runs diagonally into web.	2	C GW M - L 12

Group 47

(1)	0502008 - 0068	123B-125-Between 6th and 7th Stiffeners	06 / 04 / 2005	[3 inch] cracked, girder web base metal. extends diagonally down into the web 1"	2	C GW M - L 3
(2)	0208003 - 0068		01 / 11 / 2003	New crack	2	C GW M - L 3

Group 48

(1)	0502008 - 0070	125-127	06 / 04 / 2005	[2] missing, girder seat bolt(s).	4	M GS B - C 2
(2)	0208003 - 0070		01 / 11 / 2003		4	M GS B - C 2

Group 49

(1)	0502008 - 0071	125-127-7th Stiffener	06 / 04 / 2005		[12 inch] cracked, girder web base metal. Note: Back side not welded.	2	C	GW	M - L	12
(2)	0208003 - 0071		01 / 11 / 2003	<u>New crack</u>		2	C	GW	M - L	12
<u>Group 50</u>										
(1)	0502008 - 0072	127-129-South End Bearing Stiffener	06 / 04 / 2005		[13 inch] cracked, girder web base metal. extends diagonally down into the web 1 1/2"	2	C	GW	M - L	13
(2)	0208003 - 0072	127-129-End Bearing Stiffener	01 / 11 / 2003	<u>New crack</u>		2	C	GW	M - L	13
<u>Group 51</u>										
(1)	0502008 - 0073	127-129-5th Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web base metal. Note: Back side not welded.	2	C	GW	M - L	6
(2)	0208003 - 0073		01 / 11 / 2003	<u>New crack</u>		2	C	GW	M - L	6
<u>Group 52</u>										
(1)	0502008 - 0074	127-129-6th Stiffener	06 / 04 / 2005		[6 inch] cracked, girder web base metal. Note: Back side not welded.	2	C	GW	M - L	6
(2)	0208003 - 0074		01 / 11 / 2003	<u>New crack</u>		2	C	GW	M - L	6
<u>Group 56</u>										
(1)	0502008 - 0081	129-131-Between 7th and 8th Stiffeners	06 / 04 / 2005		[8 inch] cracked, girder web fillet weld.	1	C	GW	W - L	8
(2)	0208003 - 0081		01 / 11 / 2003	<u>New crack</u>	[6 inch] cracked, girder web fillet weld.	2	C	GW	W - L	6
<u>Group 57</u>										
(1)	0502008 - 0082	133-135-Between 5th and 6th Stiffeners	06 / 04 / 2005		[15 inch] cracked, girder web fillet weld.	1	C	GW	W - L	15
(2)	0208003 - 0082		01 / 11 / 2003	<u>New crack</u>	[11 inch] cracked, girder web fillet weld.	2	C	GW	W - L	11
<u>Group 58</u>										
(1)	0502008 - 0083	133-135-Between 6th and 7th Stiffeners	06 / 04 / 2005		[10 inch] cracked, girder web fillet weld.	1	C	GW	W - L	10
(2)	0208003 - 0083		01 / 11 / 2003	<u>New crack</u>	[4 inch] cracked, girder web fillet weld.	2	C	GW	W - L	4
<u>Group 59</u>										
(1)	0502008 - 0084	133-135-Between 6th and 7th Stiffeners	06 / 04 / 2005		[4 inch] cracked, girder web fillet weld.	1	C	GW	W - L	4
(2)	0208003 - 0084		01 / 11 / 2003	<u>New crack</u>		2	C	GW	W - L	4
<u>Group 77</u>										
(1)	0502008 - 0102	125-127-8th Stiffener	06 / 04 / 2005	<u>New crack</u>	[16 inch] cracked, girder web base metal.	2	C	GW	M - L	16
<u>Group 78</u>										
(1)	0502008 - 0103	127-128-Traction Brace	06 / 04 / 2005		[8 inch] cracked, clip angle base metal. Top connection, south side	2	C	CA	M - L	8
<u>Group 79</u>										
(1)	0502008 - 0104	129-130	06 / 04 / 2005		[1] sheared, girder seat bolt(s).	4	S	GS	B - C	1
<u>Group 80</u>										
(1)	0502008 - 0105	129-131-Between 2nd-3rd Stiffeners	06 / 04 / 2005	<u>New crack</u>	[12 inch] cracked, girder web fillet weld.	1	C	GW	W - L	12
<u>Group 86</u>										
(1)	0502008 - 0111	133-134-Between 2nd and 3rd Stiffeners	06 / 04 / 2005	<u>New crack</u>	[6 inch] cracked, girder web fillet weld.	1	C	GW	W - L	6
<u>Group 87</u>										
(1)	0502008 - 0112	133-134-Between 4th and 5th Stiffeners	06 / 04 / 2005	<u>New crack</u>	[10 inch] cracked, girder web fillet weld.	1	C	GW	W - L	10
<u>Group 93</u>										
(1)	0502008 - 0118	133-135-8th Stiffener	06 / 04 / 2005	<u>New crack</u>	[18 inch] cracked, girder web base metal. extends diagonally down into the web 3"	1	C	GW	M - L	18
<u>Group 94</u>										
(1)	0502008 - 0119	133-135-6th Stiffener	06 / 04 / 2005	<u>New crack</u>	[10 inch] cracked, girder web fillet weld.	1	C	GW	W - L	10

<u>Group 95</u>					
(1)	0502008 - 0120	135-136	06 / 04 / 2005	[1] loose, tie plate bolt(s).	3 L TP B - C 1
<u>Group 96</u>					
(1)	0502008 - 0121	135-137-2nd Stiffener	06 / 04 / 2005	<u>New crack</u> [1 inch] cracked, girder web base metal.	2 C GW M - L 1
<u>Group 98</u>					
(1)	0502008 - 0123	121-122	06 / 04 / 2005	[1] leak, roof joint(s).	5 LK R J - C 1
<u>Group 99</u>					
(1)	0502008 - 0124	123A-123b-Building Expansion Joint	06 / 04 / 2005	[2] missing, bolt(s).	3 M X B - C 2
<u>Group 100</u>					
(1)	0502008 - 0125	125-126	06 / 04 / 2005	[2] missing, rail splice bolt(s).	2 M RS B - C 2
<u>Group 101</u>					
(1)	0502008 - 0126	125-126	06 / 04 / 2005	[3] loose, rail splice bolt(s).	2 L RS B - C 3
<u>Group 102</u>					
(1)	0502008 - 0127	126-127	06 / 04 / 2005	[0.5 inch] worn, crane rail head. The crane wheels are riding on the outside splice bar.	5 WN CR H - L 0.5
<u>Group 103</u>					
(1)	0502008 - 0128	128-129	06 / 04 / 2005	[1] missing, rail splice bolt(s).	2 M RS B - C 1
<u>Group 104</u>					
(1)	0502008 - 0129	129-130	06 / 04 / 2005	[1] leak, roof joint(s).	5 LK R J - C 1
<u>Group 105</u>					
(1)	0502008 - 0130	129-130-Rail Elevation	06 / 04 / 2005	[3] missing, girt bolt(s).	4 M G B - C 3
<u>Group 106</u>					
(1)	0502008 - 0131	129-130-Column Web	06 / 04 / 2005	[1] missing, girder tie-back bolt(s).	4 M GTB B - C 1
<u>Group 107</u>					
(1)	0502008 - 0132	130-131	06 / 04 / 2005	[1] missing, crane rail clip(s).	4 M CR C - C 1
<u>Group 108</u>					
(1)	0502008 - 0133	131-132	06 / 04 / 2005	[2] loose, rail splice bolt(s).	2 L RS B - C 2
<u>Group 109</u>					
(1)	0502008 - 0134	133-134	06 / 04 / 2005	[6] missing, girder tie-back bolt(s).	2 M GTB B - C 6
<u>Group 110</u>					
(1)	0502008 - 0135	133-134	06 / 04 / 2005	[2] loose, thrust plate bolt(s).	4 L THP B - C 2
<u>Group 111</u>					
(1)	0502008 - 0136	133-134	06 / 04 / 2005	[1] loose, diaphragm bolt(s).	3 L D B - C 1
<u>Group 112</u>					
(1)	0502008 - 0137	135-136	06 / 04 / 2005	[5] loose, girder tie-back bolt(s).	3 L GTB B - C 5
<u>Group 113</u>					
(1)	0502008 - 0138	135-136	06 / 04 / 2005	[1] missing, diaphragm bolt(s).	3 M D B - C 1
<u>Group 114</u>					
(1)	0502008 - 0139	135-136	06 / 04 / 2005	[1] missing, crane rail clip(s).	4 M CR C - C 1
<u>Group 115</u>					
(1)	0502008 - 0140	136-137	06 / 04 / 2005	[1] missing, crane rail clip(s).	4 M CR C - C 1
<u>Group 118</u>					

(1) 0502008 - 0143 124-125

06 / 04 /
2005

[100%] missing, base plate grout.
The base plate has been shimmed.

3 M BP G - P 100