PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 4
Girder No.: 1
Date: 3-27-23
Inspector: [Signature]

PIN:

PIN PLATE THICKNESS = 7/16"

West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Old Creaked Plug Welds

1/4" Bolted Plug Welds

1/2" Top Flats W/ Light Rusting
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 4
Girder No.: 2
Date: 3-27-23
Inspector: Kool Rush

PIN:

PIN PLATE THICKNESS = 7/16" West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043  Span No.: 4  Date: 3-27-23
(Girder No.: 3  Inspector: [Signature])

("Print entire workbook", 2 sided)

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

5"
1 1/2"
2"
1 1/2"
5"

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 4
Girder No.: 4
Date: 3-27-23
Inspector: KWCRWGB

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good

Good

Good
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043

(Print 20 copies for this structure)

Span No.: 4
Date: 3-27-23

Girder No.: S
Inspector: [Redacted]

PIN:

PIN PLATE THICKNESS = 7/16"

West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

Built-up shim at
Bulged 3/4"

MAIN

Good
### Table: General Conditions

<table>
<thead>
<tr>
<th>Location</th>
<th>Measurement</th>
<th>Section Loss</th>
<th>Weld Deficiencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>East</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>West</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>South</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Pin Plates (Illustrate defective locations on drawing on page 2)

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>Span No.</th>
<th>Girder No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>11</td>
<td>5</td>
</tr>
</tbody>
</table>

### Note:
- Pin Plates
- Show section loss measurement locations and plug welding deficiencies on drawing on page 2.
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
(Print 20 copies for this structure)
("Print entire workbook", 2 sided)

Span No.: 4
Date: 3-27-23

Girder No.: 6
Inspector: WICKER

PIN:

PIN PLATE THICKNESS = 7/16" 
West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good
Bridge No.: A2043  
Span No.: 4  
Date: 3-27-23  
Girder No.: 7  
Inspector:  

PIN:

PIN PLATE THICKNESS = 7/16"  
West Side  

GIRDER/STRINGER ENDS:  

APPROACH  

MAIN  

Good
<table>
<thead>
<tr>
<th>General Condition</th>
<th>Location</th>
<th>Measure</th>
<th>Section Loss</th>
<th>Age (yr)</th>
<th>Condition</th>
<th>Deflection</th>
<th>Section Loss</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Girder Ends (Illustrate section loss locations on drawing on page 1)</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>General Condition</th>
<th>Location</th>
<th>Measure</th>
<th>Section Loss</th>
<th>Age (yr)</th>
<th>Condition</th>
<th>Deflection</th>
<th>Section Loss</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin Plates (Show section loss measurement locations and plug weld defects on drawing on page 1)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>General Condition</th>
<th>Location</th>
<th>Measure</th>
<th>Section Loss</th>
<th>Age (yr)</th>
<th>Condition</th>
<th>Deflection</th>
<th>Section Loss</th>
<th>Measure</th>
</tr>
</thead>
</table>

Bridge No. A2043
Span No. 4
Girder No. 7
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
(Print 20 copies for this structure)
("Print entire workbook", 2 sided)

Span No.: 4
Date: 3-27-23

Girder No.: 8
Inspector: ...

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

3"
1 1/2" 2" 1 1/2"
5"

Good.

East Side

GIRDER/STRINGER ENDS:

APPROACH

Main

Good.
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 4
Girder No.: 9
Date: 3-27-23
Inspector: KW CK KW CB

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043  Span No.: 4
(Print 20 copies for this structure)  Girder No.: 18  Date: 3-27-23
("Print entire workbook", 2 sided)  Inspector: Kwek R. de

PIN:

PIN PLATE THICKNESS = 7/16"
West Side  East Side

GIRDER/STRINGER ENDS:

APPROACH  MAIN

Plugwelds Bolted

Topfly Light Pic Rust

Topfly w/med pic Rust?
<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>No.</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Girder Ends** (Illustrate section loss locations on drawing on page 2)

<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>No.</th>
<th>Yes</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Pin Plates** (Illustrate detailed locations on drawing on page 2)

<table>
<thead>
<tr>
<th>General Conditions</th>
<th>No.</th>
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</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043

(Print 20 copies for this structure)

("Print entire workbook", 2 sided)

Span No.: 1

Date: 3-27-23

Girder No.: 1

Inspector: CB.

PIN:

PIN PLATE THICKNESS = 7/16"

West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good

Good

Clean

Good

Bolted Plug Welds
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043  Span No.: 1  Date: 3-27-23
(Print 20 copies for this structure)
(Girder No.: 2  Inspector: 
("Print entire workbook", 2 sided)

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

3"
1 1/2"
2"
1 1/2"
5"
4"

GIRDER/STRINGER ENDS:
APPROACH

Good

GOOD

MAIN
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043  Span No.: 1  Date: 3-27-23
(Girder No.: 8  Inspector: Kw CR RW SB)

("Print entire workbook", 2 sided)

PIN:

PIN PLATE THICKNESS = 7/16''
West Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good
<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Section Loss</th>
<th>Measurement</th>
<th>Section Loss</th>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Section Loss</th>
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</tbody>
</table>

**Girders Ends** (illustrate section loss locations on drawing on page 1)

<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Section Loss</th>
<th>Measurement</th>
<th>Section Loss</th>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Section Loss</th>
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</tbody>
</table>

**Pin Plates** (show section loss measurement locations and plug weld deficiencies on drawing on page 2)

<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Section Loss</th>
<th>Measurement</th>
<th>Section Loss</th>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Section Loss</th>
<th>Measurement</th>
<th>Section Loss</th>
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<tbody>
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</tbody>
</table>

Bridge No. 3

Girder No. 1

Span No. A2043
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 1
Date: 3-27-23
Girder No.: 4
Inspector: KBCL RW CB

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN
### Pin Data
(Illustrate deficiency locations on drawing on page 1)

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>Gain</th>
<th>Range</th>
<th>Deficiencies?</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4436</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Pin Plates
(Show section loss measurement locations and plug weld deficiencies on drawing on page 1)

<table>
<thead>
<tr>
<th>Side</th>
<th>Measurable Distortion?</th>
<th>Distortion Measurement</th>
<th>Measurable Section Loss?</th>
<th>Avg. SI (%)</th>
<th>Method of Measurement</th>
<th>General Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>East</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td>No</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Girders Ends
(Illustrate section loss locations on drawing on page 1)

<table>
<thead>
<tr>
<th>Girder</th>
<th>Measurable Section Loss?</th>
<th>Location</th>
<th>Avg. SI (%)</th>
<th>General Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approach</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
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<tr>
<td>Main</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
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</tbody>
</table>

Team Leader:  

Date Reviewed/Inspected: 8-27-23
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
(Print 20 copies for this structure)
("Print entire workbook", 2 sided)

Span No.: 1
Girder No.: 5
Date: 3/17/23
Inspector: KWOEICR

PIN PLATE THICKNESS = 7/16"

PIN:

PIN PLT Bulged etop 3/4"
Bolted Plug Welds

GIRDER/STRINGER ENDS:

APPROACH

BUILT UP PLT behind PIN PLT Weld Broke + Bulge 3/9"

MAIN

GOOD
### Pin Data
(illustrate deficiency locations on drawing on page 1)

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>Gain</th>
<th>Range</th>
<th>Deficiencies?</th>
<th>General Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>4500</td>
<td></td>
<td>□ Yes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>□ No</td>
<td></td>
</tr>
</tbody>
</table>

### Pin Plates
(Show section loss measurement locations and plug weld deficiencies on drawing on page 1)

<table>
<thead>
<tr>
<th>Side</th>
<th>Measurable Distortion?</th>
<th>Distortion Measurement</th>
<th>Measurable Section Loss?</th>
<th>Avg. SL (%)</th>
<th>Method of Measurement</th>
<th>General Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>□ Yes</td>
<td>Bulged 1&quot; under pins</td>
<td>□ Yes</td>
<td></td>
<td></td>
<td>built up plt behind pin plt bulged 3/4&quot;</td>
</tr>
<tr>
<td>East</td>
<td>□ Yes</td>
<td>11</td>
<td>□ Yes</td>
<td></td>
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<tr>
<td></td>
<td>□ No</td>
<td>11</td>
<td>□ No</td>
<td></td>
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</tbody>
</table>

### Girders Ends
(Illustrate section loss locations on drawing on page 1)

<table>
<thead>
<tr>
<th>Girder</th>
<th>Measurable Section Loss?</th>
<th>Location</th>
<th>Avg. SL (%)</th>
<th>General Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approach</td>
<td>□ Yes</td>
<td>behind pin plt plate welded to web of approach</td>
<td></td>
<td>built up plt behind pin plt weld broke e top of plt &amp; bulged 3/4&quot; @ top of pin plt.</td>
</tr>
<tr>
<td></td>
<td>□ No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main</td>
<td>□ Yes</td>
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</tr>
<tr>
<td></td>
<td>□ No</td>
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</tbody>
</table>

Team Leader: 

Date Reviewed/Inspected: 3-27-23
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 1
Date: 3-27-23
Girder No.: 6
Inspector: Kradel RW

PIN:

PIN PLATE THICKNESS = 7/16"
West Side

GIRDER/STRINGER ENDS:
APPROACH

MAIN

Good

Bulged 3/4"
<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>Location</th>
<th>Angle (°)</th>
<th>West</th>
<th>Pin Plates</th>
<th>East</th>
<th>Pin No.</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Date Reviewed/Inspected: 3-27-43

Team Leader: [Signature]

Girder No. 6

Span No. 1

Bridge No. A2043
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043

Span No.: 1

Date: 3-27-23

Girder No.: 7

Inspector: K.W. Colpa

PIN:

PIN PLATE THICKNESS = 7/16"

West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

Main

"Good"
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043
Span No.: 1
Girder No.: 8
Date: 3-27-23
Inspector: [illegible]

PIN:

PIN PLATE THICKNESS = 7/16"

West Side

East Side

GIRDER/STRINGER ENDS:

APPROACH

MAIN

[Diagrams showing good condition]
<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Measurement</th>
<th>East</th>
<th>West</th>
<th>North</th>
<th>South</th>
<th>Pin Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Note: Pin Plates (show section loss measurement locations and pile web deflections on drawing on page 2).
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043  Span No.: 1  Date: 3-27-23

Girder No.: 9  Inspector: RW CB CR RW

("Print entire workbook", 2 sided)

PIN:

PIN PLATE THICKNESS = 7/16"

West Side

3"

4"

1 1/2"

2"

1 1/2"

5"

East Side

Bolted Plugweld

GIRDER/STRINGER ENDS:

APPROACH

MAIN

Good

Good
<table>
<thead>
<tr>
<th>General Condition</th>
<th>Measurement</th>
<th>Location</th>
<th>Angle (°)</th>
<th>Section Loss</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Girder Ends (Illustrate section loss locations and plug weld discontinuities on drawing on page 2)</td>
<td></td>
<td></td>
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<tr>
<td>Pin Plates (Illustrate delamination locations on drawing on page 2)</td>
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</tbody>
</table>

Date Reviewed/Inspected: 3-27-03

Team Leader: [Signature]

<table>
<thead>
<tr>
<th>No</th>
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</thead>
<tbody>
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</table>
PIN CONNECTION INSPECTION REPORT

Bridge No.: A2043  Span No.: 1  Date: 3-27-23

 Gret No.: 10  Inspector: [Signature]

("Print entire workbook", 2 sided)

PIN:

PIN PLATE THICKNESS = 7/16"

West Side  East Side

GIRDER/STRINGER ENDS:

APPROACH

Good

Bolted Plug Welds

1/2 Bulged

MAIN

5/8" bulged

Medium PIC Rust  Tips

Good
<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Main</th>
<th>Approach</th>
<th>Edge</th>
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</thead>
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</tbody>
</table>

**Girders Ends** (Illustrate section loss locations on drawing on page 2)

<table>
<thead>
<tr>
<th>East</th>
<th>West</th>
<th>Side</th>
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<tbody>
<tr>
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</table>

**Pin Plates** (Show section loss measurement locations and plug weld details on drawing on page 2)

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>Span No.</th>
<th>Girder No.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>10</td>
</tr>
</tbody>
</table>

**Bridge No.** A2043