

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 12/14/2009 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Left truss top chord at PP U1 vehicle damage

Right truss top chord at PP U29 vehicle damage

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 12/14/2009 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Lateral sway bracing at U8 and U 10 have vehicle damage with distortion.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

Stage: Monitor



PHOTO 2 Description

Inspector:

Inspection Date:

Structure Number: 01689

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 3	Description	Portal brace damage at beginning of the truss. U8
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Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 12/14/2009 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Curb at L9 left is spalled with exposed rebar, most of the other curb locations are deteriorated.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 12/14/2009 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Severe corrosion to rivets at lower connection plates at floor beams #3rt, #13rt, #9lt and #13lt.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 12/14/2009 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Caps at bents #2 and #3 have severe deterioration with exposed rebar.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

Stage: Monitor



PHOTO 2 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 9/25/2014 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Cracking with heavy efflorescence exists along the underside edge of the deck in span #4 and through out the width and length of all other spans, also the ends of the spans have areas of deep spalling with rebar exposed.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

Stage: Monitor



PHOTO 2 Description

Inspector:

Inspection Date:

Structure Number: 01689

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 3 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 9/25/2014 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Severe corrosion with knife edge to bottom flange to floor beams, #5rt, #7rt, #23rt, #6lt, #7lt.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 9/25/2014 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Section loss exists in the interior lower batten plate at L8 left and right truss.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 9/25/2014 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Floor beam #3 has a rust hole in the web section.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 09/28/2015

Priority: B - Pressing; 6 month completion goal

Work Code:

Deficiency Description:

Rust holes and severe corrosion with knife edge on the bottom flange at floor beams #9 and #25.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Forward State



PHOTO 1 Description

Stage: Monitor



PHOTO 1 Description

Inspector:

Inspection Date:

Structure Number: 01689

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 2 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 09/26/2017

Priority: C - Important

Work Code:

Deficiency Description:

The left truss bottom chord splice plates have pack rust with distortion at the interior and exterior connections at L29 and L30.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description

Stage: Open



PHOTO 2 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 09/26/2017

Priority: D - Routine

Work Code:

Deficiency Description:

The pier wall of pier #1 has a small area of spalling with rebar exposed. Piers # 2,3 have large areas of spalling with rebar exposed.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 12/12/2017

Priority: C - Important

Work Code:

Deficiency Description:

The right beginning guard rail has vehicle damage that has created a pocket in the railing that could re direct traffic into the end post of the structure.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 09/27/2018

Priority: C - Important

Work Code:

Deficiency Description:

The vertical member at U 12 left truss has out of plane bending due to the lateral bracing having vehicle impact damage.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Out of plane bending at the U12 vertical due to the lateral bracing having vehicle impact damage.

Inspector:

Structure Number: 01689

Inspection Date:

Facility Carried: SH 7 Newton

Bridge Inspection Report

Maintenance Needs

Date Reported: 09/27/2018

Priority: B - Pressing; 6 month completion goal

Work Code:

Deficiency Description:

The interior vertical gusset plate connections have section loss and/or rust holes at the following locations-
Right truss- L4, L6, L8, L10, L13, L14, L17, L20, L24, L26, L28.

Left truss- L0, L3, L4, L6, L12, L16, L24.

The bottom chord c-channel has section loss and/or rust holes on the bottom flange or web at the following locations-
Right-L4, L17, L26

Left- L6, L16,

See elements tab for full documentation.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description 1" and 1/4" rust holes in the vertical gusset plate at the back side of L6 right truss at the bottom chord. The gusset plate has 1/4" section loss for 13" on the interior side. The original gusset plate thickness is 3/8" thick.

Stage: Open



PHOTO 2 Description Section loss on the interior bottom chord flange at L 26. The remaining section is 5/8" next to the web down to knife edge at the edge of the c-channel flange for a length of 8";