Ontario Structure Inspection Manual – Inspection Form

MTO Site Number: N/A **Inventory Data:** Savignac Road Bridge Structure Name Service on □ Navig. Water □ Non-Navig. Water □ Rail Main Highway # N/A On 🗌 Under 🗀 \boxtimes Road \square Ped. □Other Structure: 2.45 km South of Leclair Road □ Navig. Water □ Rail Service \square Road \square Ped. □Other under Location description Municipality of West Nipissing 46.355783 Owner/Custodian Latitude: Longitude: -80.101927 \square Not Cons. □Cons./not App. □List/not Desig Heritage MTO Region Northern Designation: □Desig./notList □Desig. & List Freeway□ Arterial□ Collector□ Local⊠ MTO District Sudbury **Road Class: Old County** No. of Lanes 2 Posted Speed Township Caldwell **AADT** % Truck Concrete Slab on Steel Structure Type Traffic Directional Bound N-S Girder Structure Material Concrete and Steel Inspection Route Sequence **Bottom to Top** Total Deck Length 19.45 (m) Inspection Duration 0.5 (hrs) Overall Str. Width 9.5 (m) Interchange Number 165.33 Total Deck Area (sq.m) Interchange Structure Number Roadway Width 8.5 (m) Min. Vertical Clearance 0 (Degree) (m) Skew Angle **Detour Distance** No. of Spans (km) Fill on Structure 17 (m) Span Lengths

| Historical Data: | | | |
|---|-----------------------|---|----------|
| Year Built Last Reg OSIM Inspection Last Enh. OSIM Inspection | 2007 November 2021 | Year of Last Minor Rehab Year of Last Major Rehab. Current Load Limit | (tonnes) |
| Work History (Date/Descrip | otion) | | |

| Scheduled Improve | ements: | | |
|-----------------------|---------|----------------------|--|
| Regional Priority Num | nber | Programmed Work Year | |
| Nature of Program W | ork: | | |
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| Appraisal Indices: | | Comments | |
| Fatigue | | | |
| Seismic | | | |
| Scour | | | |
| Flood | | | |

Barrier

Curb

Load Capacity

| Fiel | d Inspection Informat | tion: | | | | | | |
|--|--|------------------------|----------------------|---|------------|---|--|---------------|
| Date | e of Inspection: | October 30, 20 |)23 | Type of Insp | ection | ⊠Reg. OS | IM □Enh. OS | IM |
| Insp | ected By: | Matthew Lazu | rek, EIT, | McIntosh Perry Cons | ulting Eng | gineers Ltd. | | |
| Oth | ers in Party: | Arun Kumar Ka | atukuri, | EIT, McIntosh Perry C | onsulting | Engineers L | td. | |
| Enh | . Access Equipment: | None | | | | | | |
| Spe | cial Access Equipment: | None | | | | | | |
| Wea | ather: | Overcast | | Temperature |) | 10°C | | |
| Add | ditional Investigations | Required: | | | | | Priorit | |
| | | | | | | None | Normal | Urgent |
| Mat | cerial Condition Survey | | | | | | | |
| | Detailed Deck Condit | | | 1 11 0 15 | | | | |
| | Non-destructive Dela | | | sphalt-Covered Dec | :K: | | | |
| | Concrete Substructur | | ırvey: | | | | | |
| | Detailed Coating Con | | | | | | | |
| | Detailed Timber Inves | | | | | | | |
| Llno | Post-Tensioned Stran | <u>a investigation</u> | 1 | | | | | |
| | lerwater Investigation: gue Investigation: | | | | | | | |
| | mic Investigation: | | | | | | | |
| | icture Evaluation: | | | | | | | |
| | nitoring | | | | | | | |
| | Deformations, Settler | ments and Mo | vemen | ts: | | | | |
| | Crack Widths: | | | | | | | |
| | RSS Horizontal move | ments of face: | | | | | | |
| | RSS Vertical moveme | | structur | œ: | | | | |
| | RSS Local movements | | | | | | | |
| | RSS Horizontal move | | | | | | | |
| | RSS Vertical moveme | nts within ove | rall stru | ucture: | | | | |
| | RSS Lateral earth pres | ssure at the ba | ck of fa | acing elements: | | , | | |
| Inve | estigation Notes: | | | | | | | |
| Ove | erall Structure Notes: | | | | | | | |
| Rec | ommended Work on Str | ucture: 🗆 No | ne | ☐ Minor Rehab. | □Major | Rehab. \Box | Replace (Main | tenance Work) |
| _ | ing of Recommended W | | o 5 year | | | | | , |
| | rall Comments: | | - | erally in good condition | | ebris collecti | ng in curb gutt | ers. |
| Date | e of Next Inspection: | Octo | ber 2025 | 5 | | | | |
| Suspec | ted Performance Deficiencies | | | | | | | |
| 01 02 03 04 05 | Load carrying capacity Excessive deformations (deflection continuing settlement Continuing movements Seized bearings | ons & rotations) | 07 08 09 10 | Bearing not uniformly load Jammed expansion joint Pedestrian/vehicular hazar Rough riding surface Surface ponding Deck/Wall drainage | · | 13 Floo 14 Und 15 Uns | pery surfaces ding/channel block ermining of founda table embankment er performance def | ition s |
| Mainte 01 02 03 04 05 06 | nance Needs Lift and Swing Bridge Maintenar Bridge Cleaning Railing System Repair Painting Steel Bridge Structures Bridge Deck Joint Repair Bridge Bearing Maintenance | ice | 08 09 10 11 | Structural Steel Repair Concrete Repair Timber Repair Works for Modular bridges Animal/Pest Control Bridge Surface Repair | 5 | 14 Cond15 Rout16 Wor17 Scali | ion Control at Bridg crete Sealing : and Seal ks for Drainage Sys ng (Loose Concrete er Maintenance | tem |

Element Data

| Element Grou | p: | Abutments | | Length: | N/A | | | |
|---|------------------|---|-------------|--|--|-----------------------|-----------|--------------------|
| Element Name | e: | Abutment Walls | | Width: | 9.4 m | 1 | | |
| Location: | | North and South | | Height: | 1.55 | m | | |
| Material: | | Concrete | | Count: | 2 | | | |
| Element Type | : | Cast-In-Place | | Total Qua | ntity: 29.14 | l m² | | |
| Environment: | | ⊠Benign ☐ Moderat | te 🗆 Severe | Inspected | Υ | ′es ⊠ No 🗆 | Limited □ | |
| Protection Sys | stem: | N/A | | <u>-</u> | | | | |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform | . Deficiencies |
| Data: | ⊠m² | □ m □ each □ % | _ | | | | | |
| 2414. | □all | 044 /0 | | 29.14 | | | | 00 |
| Comments: | | | <u></u> | | 1 | | . | |
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| Hairline cracl | ks note | d at both abutments | S. | | | | | |
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| | | | | | | | | |
| Recommend | ed Woi | r k: □Rehab | □Replace | | Maintenand | e Needs: 00 | | |
| | cu 110. | □1-5 years | □6-10 years | | | | | |
| | | | □0 10 years | | □Urgent | □1 year | □2 year | |
| | | | | | шогдене | штуса | LL year | |
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| Flement Grou | n. | Abutments | | Length: | N1/A | | | |
| Element Grou | - | Abutments | | Length: | N/A | | | |
| Element Name | e: | Ballast Walls | | Width: | 9.4 m | | | |
| Element Name | e: | Ballast Walls North and South | | Width: Height: | | | | |
| Element Name Location: Material: | e: | Ballast Walls North and South Concrete | | Width: Height: Count: | 9.4 m 0.55 2 | m | | |
| Element Name Location: Material: Element Type | e: : | Ballast Walls North and South Concrete Cast-In-Place | to 🗆 Sovere | Width: Height: Count: Total Qua | 9.4 m 0.55 2 ntity: 10.3 | m m ² | Limited [| |
| Element Name Location: Material: Element Type Environment: | e: : | Ballast Walls North and South Concrete Cast-In-Place 図Benign ☐ Modera | te □ Severe | Width: Height: Count: | 9.4 m 0.55 2 ntity: 10.3 | m | Limited | |
| Element Name Location: Material: Element Type Environment: Protection Sys | e: : | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | Deficiencies |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition | e: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units | te 🗆 Severe | Width: Height: Count: Total Qua | 9.4 m 0.55 2 ntity: 10.3 | m m ² | | Deficiencies |
| Element Name Location: Material: Element Type Environment: Protection Sys | e: : stem: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | Deficiencies 00 |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: | e: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition | e: : stem: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: | stem: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: | stem: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: | stem: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: | stem: | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % | _ | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in g | stem: Sm² all | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % | Exc. | Width: Height: Count: Total Qua Inspected: | 9.4 m 0.55 2 ntity: 10.3 Fair | m² /es ⊠ No □ Poor* | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: | stem: Sm² all | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % Ondition | Exc. | Width: Height: Count: Total Qua Inspected: Good 10.3 | 9.4 m 0.55 2 ntity: 10.3 Fair | m m² ⁄es ⊠ No □ | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in g | stem: Sm² all | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % | Exc. | Width: Height: Count: Total Qua Inspected: Good 10.3 | 9.4 m 0.55 2 ntity: 10.3 Fair Maintenance | m² /es ☑ No □ Poor* | Perform. | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in g | stem: Sm² all | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % Ondition | Exc. | Width: Height: Count: Total Qua Inspected: Good 10.3 | 9.4 m 0.55 2 ntity: 10.3 Fair | m² /es ⊠ No □ Poor* | | |
| Element Name Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in g | stem: Sm² all | Ballast Walls North and South Concrete Cast-In-Place Benign Moderat N/A Units m each % Ondition | Exc. | Width: Height: Count: Total Qua Inspected: Good 10.3 | 9.4 m 0.55 2 ntity: 10.3 Fair Maintenance | m² /es ☑ No □ Poor* | Perform. | |

| | ıp: | Abutments | | Length: | N/A | | |
|--|--------------------|--|------------------------|--|--|-------------------------------|---------------------------------|
| Element Nam | - | Bearings | | Width: | N/A | | |
| Location: | | North and South | | Height: | N/A | | |
| Material: | | Laminated Elastomer | ic | Count: | 8 | | |
| Element Type | : | Bearing Pad | | Total Qua | ntity: 8 | | |
| Environment: | | ⊠ Benign □ Modera | te 🗆 Severe | Inspected | Y | es 🛛 No 🗆 | Limited □ |
| Protection Sys | stem: | N/A | | | | | Dorform Deficiencies |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencies |
| Data: | □m² □ all | □ m 🗵 each 🗆 % | | 8 | | _ | 00 |
| Comments: | | | | | | | |
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| Generally in | good co | ondition. | | | | | |
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| Recommend | led Wo | r k: □Rehab | □Replace | | Maintenance | e Needs: 00 | |
| | | \Box 1-5 years | □6-10 year | rs | | | |
| | | | | | □Urgent | □1 year | □2 year |
| | | | | | | | |
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| Element Grou | • | Abutments | | Length: | 4.5 m | | |
| Element Nam | • | Wingwalls | | Width: | N/A | | |
| Element Nam Location: | • | Wingwalls North and South | | Width: Height: | | | |
| Element Nam Location: Material: | e: | Wingwalls North and South Concrete | | Width: Height: Count: | N/A 1.5 m 4 | | |
| Element Nam Location: Material: Element Type | e: | Wingwalls North and South Concrete Cast-In-Place | | Width: Height: Count: Total Qua | N/A 1.5 m 4 ntity: 27 m ² | | |
| Element Nam Location: Material: Element Type Environment: | e: | Wingwalls North and South Concrete Cast-In-Place ⊠Benign □ Modera | te □ Severe | Width: Height: Count: | N/A 1.5 m 4 ntity: 27 m ² | | Limited □ |
| Element Nam Location: Material: Element Type Environment: Protection Sys | e: | Wingwalls North and South Concrete Cast-In-Place ⊠Benign □ Modera N/A | | Width: Height: Count: Total Qua | N/A 1.5 m 4 ntity: 27 m ² | es ⊠ No □ | |
| Element Nam Location: Material: Element Type Environment: | stem: | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units | te Severe Exc. | Width: Height: Count: Total Qua | N/A 1.5 m 4 ntity: 27 m ² | | Limited □ Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys | stem: | Wingwalls North and South Concrete Cast-In-Place ⊠Benign □ Modera N/A | | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: | stem: | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units | | Width: Height: Count: Total Qua | N/A 1.5 m 4 ntity: 27 m ² | es ⊠ No □ | |
| Element Nam Location: Material: Element Type Environment: Protection Sys | stem: | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units | | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: | Wingwalls North and South Concrete Cast-In-Place ☑ Benign ☐ Modera N/A Units ☐ m ☐ each ☐ % | Exc. | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units | Exc. | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: | Wingwalls North and South Concrete Cast-In-Place ☑ Benign ☐ Modera N/A Units ☐ m ☐ each ☐ % | Exc. | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: | Wingwalls North and South Concrete Cast-In-Place ☑ Benign ☐ Modera N/A Units ☐ m ☐ each ☐ % | Exc. | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: Mm² all | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units m each % ence at NW + SE wir | Exc. ngwall. | Width: Height: Count: Total Qual Inspected: | N/A 1.5 m 4 ntity: 27 m² Y Fair 0.75 | es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: Mm² all | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units meach % ence at NW + SE wir | Exc. | Width: Height: Count: Total Qual Inspected: Good 26.25 | N/A 1.5 m 4 ntity: 27 m ² Y | es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: Mm² all | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units m each % ence at NW + SE wir | Exc. ngwall. | Width: Height: Count: Total Qual Inspected: Good 26.25 | N/A 1.5 m 4 ntity: 27 m² Fair 0.75 | es 🗵 No 🗆 Poor* e Needs: 00 | Perform. Deficiencies 00 |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: Mm² all | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units meach % ence at NW + SE wir | Exc. | Width: Height: Count: Total Qual Inspected: Good 26.25 | N/A 1.5 m 4 ntity: 27 m² Y Fair 0.75 | es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: Crack with experience of the protection of the protectio | stem: Mm² all | Wingwalls North and South Concrete Cast-In-Place Benign Modera N/A Units meach % ence at NW + SE wir | Exc. | Width: Height: Count: Total Qual Inspected: Good 26.25 | N/A 1.5 m 4 ntity: 27 m² Fair 0.75 | es 🗵 No 🗆 Poor* e Needs: 00 | Perform. Deficiencies 00 |

| | ıp: | Approaches | | Length: | 6.0 m | | |
|--|--------------------|---|-------------------------------------|--|---|----------------------------|---------------------------------|
| Element Nam | e: | Approach Slabs | | Width: | 8.5 m | | |
| Location: | | North and South | | Height: | N/A | | |
| Material: | | Concrete | | Count: | 2 | | |
| Element Type | | Cast-In-Place | | Total Qua | | | |
| Environment: | | ☐Benign ☒ Modera | te 🗆 Severe | Inspected: | Y | es 🗌 No 🗆 | Limited ⊠ |
| Protection Sys | stem: | Asphalt | | | | | Perform. Deficiencies |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perioriii. Deficiencies |
| Data: | ⊠m² □ all | □ m □ each □ % | | 102 | | | 00 |
| Comments: | | | | | | | |
| Longitudinal | and tra | nsverse cracks on th | ne wearing su | ırface at both | approaches | | |
| Recommend | lad Wa | rk: □Rehab | □Replace | | Maintenanc | e Needs: 00 | |
| Recommend | ieu wo | r k: □Renab □1-5 years | □6-10 year | rc | .viaintenant | L 14CCU3. 00 | |
| | | □1-5 years | ⊔6-10 yeai | 15 | □Urgent | □1 year | □2 year |
| | | | | | шогдене | штуса | LZ yeu |
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| | | | | | | | |
| Element Grou | ıp: | Approaches | | Length: | 6.0 m | | |
| Element Grou | - | Approaches Curbs and Gutters | | Length: Width: | 6.0 m N/A | | |
| | - | 1 | | | | | |
| Element Nam | - | Curbs and Gutters | | Width: | N/A | | |
| Element Nam Location: | e: | Curbs and Gutters North and South | | Width: Height: | N/A 0.35 r 4 | n | |
| Element Nam Location: Material: | e: | Curbs and Gutters North and South Concrete | te ⊠ Severe | Width: Height: Count: | N/A 0.35 r 4 ntity: 8.4 m | n | Limited |
| Element Nam Location: Material: Element Type | e: | Curbs and Gutters North and South Concrete Cast-In-Place | te ⊠ Severe | Width: Height: Count: Total Quar | N/A 0.35 r 4 ntity: 8.4 m | n 2 | |
| Element Nam Location: Material: Element Type Environment: | e: | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera | te ⊠ Severe Exc. | Width: Height: Count: Total Quar | N/A 0.35 r 4 ntity: 8.4 m | n 2 | Limited □ Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys | e: :: stem: | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A | | Width: Height: Count: Total Qual | N/A 0.35 r 4 ntity: 8.4 m | n 2 es 🖾 No 🗆 | |
| Element Nam Location: Material: Element Type Environment: Protection Sys | e: stem: | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A Units | | Width: Height: Count: Total Qual Inspected: | N/A 0.35 r 4 ntity: 8.4 m | n 2 es 🖾 No 🗆 | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | e: stem: | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A Units | Exc. | Width: Height: Count: Total Qual Inspected: Good 8.4 | N/A 0.35 r 4 ntity: 8.4 m Y | n 2 es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Vegetation a | stem: Mm² all | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A Units meach % | Exc. | Width: Height: Count: Total Qual Inspected: Good 8.4 | N/A 0.35 r 4 ntity: 8.4 m Y Fair | es No D Poor* cks. | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: Mm² all | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A Units meach % | Exc. | Width: Height: Count: Total Qual Inspected: Good 8.4 | N/A 0.35 r 4 ntity: 8.4 m Y | es No D Poor* cks. | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Vegetation a | stem: Mm² all | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A Units meach % | Exc. e through gut | Width: Height: Count: Total Quai Inspected: Good 8.4 ters. Hairline | N/A 0.35 r 4 ntity: 8.4 m Y Fair to narrow cra | es No D Poor* cks. | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: Vegetation a | stem: Mm² all | Curbs and Gutters North and South Concrete Cast-In-Place Benign Modera N/A Units meach % ris blocking drainage | Exc. e through gut □Replace | Width: Height: Count: Total Quai Inspected: Good 8.4 ters. Hairline | N/A 0.35 r 4 ntity: 8.4 m Y Fair | es No D Poor* cks. | Perform. Deficiencies |

| Element Grou | ıp: | Approaches | | Length: | 6.0 m | | |
|----------------|--------------|----------------------------------|-------------------------|--------------|----------------------------|-----------------------------|-------------------------|
| Element Nam | e: | Wearing Surface | | Width: | 8.5 m | | |
| Location: | | North and South | | Height: | N/A | | |
| Material: | | Asphalt | | Count: | 2 | | |
| Element Type | : | Cast-In-Place | | Total Qua | | 1 ² | |
| Environment: | | ☐Benign ☐ Modera | te 🛛 Severe | Inspected | . Y | es 🗌 No 🗆 | Limited □ |
| Protection Sys | stem: | | | | | | Danfarma Dafiaianaiaa |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencies |
| Data: | ⊠m² □ all | □ m □ each □ % | | 94 | 6 | 2 | 00 |
| Comments: | | | | | | | |
| Medium to v | vide cra | cks at paved over jo | ints. Medium | transverse a | nd longitudin | al cracks not | ed. |
| Recommend | led Wo | r k: □Rehab □1-5 years | □Replace □6-10 years | i | Maintenance | e Needs: 05 | |
| | | | | <u> </u> | □Urgent | □1 year | ⊠2 year |
| | | | | | | ılt and seal wi | th joint compound |
| | | | | | | | |
| Element Grou | ıp: | Deck | | Length: | 19.45 | m | |
| Element Nam | e: | Deck Top | | Width: | 8.5 m | | |
| Location: | | | | Height: | N/A | | |
| Material: | | Concrete | | Count: | N/A | | |
| Element Type | : | Cast-In-Place | | Total Qua | | | |
| Environment: | | ☐Benign ☒ Modera | te 🗆 Severe | Inspected | . Y | es 🗌 No 🗆 | Limited |
| Protection Sys | stem: | Asphalt | | | | | Perform. Deficiencies |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perioriii. Deliciencies |
| Data: | ⊠m² □ all | □ m □ each □ % | | 149.3 | 16.5 | | 00 |
| Comments: | | | | | | | |
| | | | | | | | |
| Covered with | n aspha | lt. Rating is based or | n wearing cond | dition. | | | |
| Covered with | • | - | n wearing cond | dition. | Maintenance | e Needs: 00 | |
| | • | rk: □Rehab | □Replace | | Maintenance | e Needs: 00 | |
| | • | - | | | Maintenance □Urgent | e Needs: 00 □1 year | □2 year |
| | • | rk: □Rehab | □Replace | | | | □2 year |

| | ın: | Deck | | Length: | 19.45 | m | |
|--|--------------------|--|----------------------------------|---|--|------------------------|---------------------------------|
| Element Grou | - | Soffit | | Width: | 9.5 m | | |
| Location: | | | | Height: | N/A | | |
| Material: | | Concrete | | Count: | N/A | | |
| Element Type | 2: | Cast-In-Place | | Total Quai | | S m ² | |
| Environment: | | ⊠Benign ☐ Modera | te 🗆 Severe | Inspected: | | 'es □ No □ | Limited ⊠ |
| Protection Sy | stem: | | | • | | | |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencies |
| Data: | ⊠m² | □ m □ each □ % | 2/(0) | | | 1 00. | |
| Data. | □all | _ III _ cacii _ /0 | | 184.8 | | | 00 |
| Comments: | | | | | I | | - |
| | | | | | | | |
| Generally in | good co | ondition | | | | | |
| - | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Recommend | led Wo | r k: □Rehab | □Replace | | Maintenanc | e Needs: 00 | |
| | | □1-5 years | | ·s | | | |
| | | , | , | | □Urgent | □1 year | □2 year |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Element Grou | ıp: | Deck | | Length: | 19.45 | 5 m | |
| Element Grou | | Deck Wearing Surface | | Length: Width: | 19.45 8.5 m | | |
| | | | | | | | |
| Element Nam | | | | Width: Height: Count: | 8.5 m N/A N/A | 1 | |
| Element Nam Location: Material: Element Type | e: | Wearing Surface Asphalt | | Width: Height: | 8.5 m N/A N/A ntity: 165.3 | 3 m ² | |
| Element Nam Location: Material: Element Type Environment: | e: | Wearing Surface | te □ Severe | Width: Height: Count: | 8.5 m N/A N/A ntity: 165.3 | 1 | Limited □ |
| Element Nam Location: Material: Element Type | e: | Wearing Surface Asphalt | te 🗆 Severe | Width: Height: Count: Total Quar | 8.5 m N/A N/A ntity: 165.3 | 3 m ² | |
| Element Nam Location: Material: Element Type Environment: | e: | Wearing Surface Asphalt | te Severe | Width: Height: Count: Total Quar | 8.5 m N/A N/A ntity: 165.3 | 3 m ² | Limited □ Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy | e: :: :stem: | Wearing Surface Asphalt □Benign ☑ Modera | | Width: Height: Count: Total Qual Inspected: | 8.5 m N/A N/A ntity: 165.3 Y | 3 m² ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition | e: :: :stem: | Wearing Surface Asphalt □ Benign ☑ Modera Units | | Width: Height: Count: Total Qual Inspected: | 8.5 m N/A N/A ntity: 165.3 | 3 m² ′es ⊠ No □ | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition | e: e: stem: | Wearing Surface Asphalt □ Benign ☑ Modera Units | | Width: Height: Count: Total Qual Inspected: | 8.5 m N/A N/A ntity: 165.3 Y | 3 m² ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | stem: | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % | Exc. | Width: Height: Count: Total Qual Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair | 3 m² ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | stem: | Wearing Surface Asphalt □ Benign ☑ Modera Units | Exc. | Width: Height: Count: Total Qual Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair | 3 m² ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | stem: | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % | Exc. | Width: Height: Count: Total Qual Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair | 3 m² ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | stem: | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % | Exc. | Width: Height: Count: Total Qual Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair | 3 m² ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Medium long | stem: Mm² all | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % Il centreline cracks. | Exc. | Width: Height: Count: Total Qual Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair 16 | a3 m² Tes ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | stem: Mm² all | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % Il centreline cracks. | Exc. | Width: Height: Count: Total Qual Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair | a3 m² Tes ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Medium long | stem: Mm² all | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % Il centreline cracks. | Exc. Medium tran | Width: Height: Count: Total Quai Inspected: Good 149.33 | 8.5 m N/A N/A 165.3 Y Fair 16 noted. | e Needs: 00 | Perform. Deficiencies 00 |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Medium long | stem: Mm² all | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % Il centreline cracks. | Exc. Medium tran □Replace | Width: Height: Count: Total Quai Inspected: Good 149.33 | 8.5 m N/A N/A ntity: 165.3 Y Fair 16 | a3 m² Tes ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Medium long | stem: Mm² all | Wearing Surface Asphalt □ Benign ☑ Modera Units □ m □ each □ % Il centreline cracks. | Exc. Medium tran □Replace | Width: Height: Count: Total Quai Inspected: Good 149.33 | 8.5 m N/A N/A 165.3 Y Fair 16 noted. | e Needs: 00 | Perform. Deficiencies 00 |

| Element Nam Location: | ıp: | Barriers | | Length: | 26 m | | | | |
|--|---------------------------------|---|----------------------------------|---|---|-----------------------|----------------------------------|--|--|
| Location: | ie: | Barrier Walls – Interio | or | Width: | N/A | | | | |
| | | East and West | | Height: | 0.825 | m | | | |
| Material: | | Concrete | | Count: | 2 | | | | |
| Element Type | e: | Cast-In-Place | | Total Qua | ntity: 42.9 n | n ² | | | |
| Environment: | | ☐Benign ☐ Moderat | te 🛛 Severe | Inspected | Y | es 🛛 No 🗆 | Limited | | |
| Protection Sy | stem: | N/A | | | | | Doutous Deficiencies | | |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencies | | |
| Data: | ⊠m² □ all | □ m □ each □ % | | 41.3 | 1.6 | | 00 | | |
| Comments: Generally in good condition. Medium to narrow vertical cracks, some with efflorescence. | | | | | | | | | |
| Recommend | ded Wo | | □Replace | _ | Maintenance | e Needs: 00 | | | |
| | | □1-5 years | □6-10 year | S | □Urgent | □1 year | □2 year | | |
| | | | | | шогдени | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Flement Grou | ın. | Rarriers | | Length: | 26 m | | | | |
| Element Grou | • | Barriers Barrier Walls – Exterior | or | Length: Width: | 26 m | | | | |
| Element Nam | • | Barrier Walls – Exteri | or | Width: | N/A | | | | |
| | • | Barrier Walls – Exterion East and West | or | Width: Height: | | | | | |
| Element Nam Location: Material: | ne: | Barrier Walls – Exterion East and West Concrete | or | Width: Height: Count: | N/A 0.8 m 2 | | | | |
| Element Nam Location: | ne: | Barrier Walls – Exterion East and West Concrete Cast-In-Place | | Width: Height: Count: Total Qua | N/A 0.8 m 2 ntity: 41.6 n | n ² | Limited ⊠ | | |
| Element Nam Location: Material: Element Type Environment: | e: | Barrier Walls – Exterion East and West Concrete Cast-In-Place □ Benign ☑ Modera | | Width: Height: Count: | N/A 0.8 m 2 ntity: 41.6 n | n ² | | | |
| Element Nam Location: Material: Element Type | e: | Barrier Walls – Exterion East and West Concrete Cast-In-Place | | Width: Height: Count: Total Qua | N/A 0.8 m 2 ntity: 41.6 n | n ² | Limited ⊠ Perform. Deficiencies | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy | e: :: :stem: | Barrier Walls – Exterion East and West Concrete Cast-In-Place □ Benign ☑ Modera N/A | te □ Severe | Width: Height: Count: Total Qua | N/A 0.8 m 2 ntity: 41.6 n | n ² es No | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: | e: e: e: stem: | Barrier Walls – Exterion East and West Concrete Cast-In-Place □ Benign ☑ Modera N/A Units | te □ Severe | Width: Height: Count: Total Qual Inspected: | N/A 0.8 m 2 ntity: 41.6 n Yo | n ² es No | Perform. Deficiencies | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: :: :stem: \to m^2 | Barrier Walls – Exterion East and West Concrete Cast-In-Place □ Benign ☑ Modera N/A Units | te Severe Exc. | Width: Height: Count: Total Qual Inspected: Good 41.1 | N/A 0.8 m 2 ntity: 41.6 n Your | n ² es No | Perform. Deficiencies | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: : :stem: Mm² all | Barrier Walls – Exterion East and West Concrete Cast-In-Place Benign Modera N/A Units m each % | te Severe Exc. | Width: Height: Count: Total Qual Inspected: Good 41.1 | N/A 0.8 m 2 ntity: 41.6 n Your | n² es □ No □ Poor* | Perform. Deficiencies | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Generally in | e: : :stem: Mm² all | Barrier Walls – Exterion East and West Concrete Cast-In-Place Benign Modera N/A Units m each % | te Severe Exc. narrow cracks | Width: Height: Count: Total Qual Inspected: Good 41.1 | N/A 0.8 m 2 ntity: 41.6 n Ye Fair 0.5 | n² es □ No □ Poor* | Perform. Deficiencies | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Generally in | e: : :stem: Mm² all | Barrier Walls – Exterion East and West Concrete Cast-In-Place Benign Modera N/A Units m each % Ondition. Hairline to | te Severe Exc. narrow cracks | Width: Height: Count: Total Qual Inspected: Good 41.1 | N/A 0.8 m 2 ntity: 41.6 n Ye Fair 0.5 | n² es □ No □ Poor* | Perform. Deficiencies | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Generally in | e: : :stem: Mm² all | Barrier Walls – Exterion East and West Concrete Cast-In-Place Benign Modera N/A Units m each % Ondition. Hairline to | te Severe Exc. narrow cracks | Width: Height: Count: Total Qual Inspected: Good 41.1 | N/A 0.8 m 2 ntity: 41.6 n Yo Fair 0.5 scence. | es No Poor* Poor* | Perform. Deficiencies 00 | | |

| Element Grou | p: | Barriers | | Length: | 3.81 | m | |
|---|------------------|--|---------------------|---|---|--------------------------|--------------------------------|
| Element Nam | e: | Railing System | | Width: | N/A | | |
| Location: | | East and West | | Height: | 0.311 | . m | |
| Material: | | Steel | | Count: | 30 | | |
| Element Type | : | Steel Beam Guide Rai | l (SBGR) | Total Qua | ntity: 114.3 | s m | |
| Environment: | | ☐Benign ☐ Modera | te 🛛 Severe | Inspected | Y | 'es ⊠ No □ | Limited □ |
| Protection Sys | stem: | Galvanized | | | | | |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencies |
| Data: | □m² □ all | ⊠ m □ each □ % | | 110.3 | 4 | | 16 |
| Comments: | | | l I | | | | |
| Rail attachm | ent to b | parrier wall is bent a | t NW. | | | | |
| Recommend | ed Wo | | □Replace | | Maintenand | e Needs: 18 | |
| | | □1-5 years | □6-10 year | S | Milrant | □1 voor | □2 voor |
| | | | | | ⊠Urgent | □1 year | □2 year |
| | | | | | • | rs at approach | |
| | | | | | Reattach flex | beam to posts | 5. |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Element Grou | • | Barriers | | Length: | 23.9 | m | |
| Element Nam | • | Hand Railings | | Width: | N/A | m | |
| Element Name | • | Hand Railings East and West | | Width: Height: | N/A N/A | m | |
| Element Name Location: Material: | e: | Hand Railings | | Width: Height: Count: | N/A N/A 2 | | |
| Element Nam Location: Material: Element Type | e: : | Hand Railings East and West Steel | | Width: Height: Count: Total Qua | N/A N/A 2 ntity: 47.8 | m | |
| Element Nam Location: Material: Element Type Environment: | e: : | Hand Railings East and West Steel ☐ Benign ☐ Modera | te ⊠ Severe | Width: Height: Count: | N/A N/A 2 ntity: 47.8 | | Limited |
| Element Nam Location: Material: Element Type | e: : | Hand Railings East and West Steel | te ⊠ Severe | Width: Height: Count: Total Qua | N/A N/A 2 ntity: 47.8 | m ′es ⊠ No □ | |
| Element Nam Location: Material: Element Type Environment: | e: : | Hand Railings East and West Steel ☐ Benign ☐ Modera | te ⊠ Severe Exc. | Width: Height: Count: Total Qua | N/A N/A 2 ntity: 47.8 | m | Limited Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys | e: | Hand Railings East and West Steel Benign Modera Galvanized | | Width: Height: Count: Total Qua | N/A N/A 2 ntity: 47.8 | m ′es ⊠ No □ | |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition | e: : stem: | Hand Railings East and West Steel Benign Modera Galvanized Units | | Width: Height: Count: Total Qual Inspected: | N/A N/A 2 ntity: 47.8 | m ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: | stem: | Hand Railings East and West Steel Benign Modera Galvanized Units m each % | | Width: Height: Count: Total Qual Inspected: | N/A N/A 2 ntity: 47.8 | m ′es ⊠ No □ | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in | stem: m² all | Hand Railings East and West Steel Benign Modera Galvanized Units M m each % | Exc. | Width: Height: Count: Total Qual Inspected: | N/A N/A 2 ntity: 47.8 | m 'es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: | stem: m² all | Hand Railings East and West Steel Benign Modera Galvanized Units m each % | Exc. | Width: Height: Count: Total Qual Inspected: Good 47.8 | N/A N/A 2 ntity: 47.8 | m 'es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in | stem: m² all | Hand Railings East and West Steel Benign Modera Galvanized Units M m each % | Exc. | Width: Height: Count: Total Qual Inspected: Good 47.8 | N/A N/A 2 ntity: 47.8 | m 'es ⊠ No □ Poor* | Perform. Deficiencies |
| Element Nam Location: Material: Element Type Environment: Protection Sys Condition Data: Comments: Generally in | stem: m² all | Hand Railings East and West Steel Benign Modera Galvanized Units m each % | Exc. | Width: Height: Count: Total Qual Inspected: Good 47.8 | N/A N/A 2 ntity: 47.8 Fair Maintenance | Poor* | Perform. Deficiencies 00 |

| Element Nam | ıp: | Beams/MLE's | | Length: | 2.5 m | 1 | | |
|--|--|--|------------------|--|--|--------------|---------------------------------|----|
| Location: | | Diaphragms – Ends | | Width: | 0.086 | | | |
| Location. | | North and South | | Height: | 0.381 | . m | | |
| Material: | | Steel | | Count: | 6 | | | - |
| Element Type | e: | C380x50 | | Total Qua | ntity: 6 | | | - |
| Environment: | : | ⊠Benign ☐ Modera | te 🗆 Severe | Inspected | . Y | 'es □ No □ | Limited ⊠ | |
| Protection Sy | stem: | Coated | | | | | Daufaus Dafialauai | |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencie | es |
| Data: | □m² | ☐ m 🛛 each 🗆 % | | - | | | 00 | |
| | □all | | | 6 | | | 00 | |
| Comments: | | | | | | | | |
| | | | | | | | | |
| Generally in | good co | ondition | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Recommend | ded Wo | r k: □Rehab | □Replace | | Maintenanc | e Needs: 00 | | |
| | | □1-5 years | □6-10 year | S | | | | |
| | | | | | □Urgent | □1 year | □2 year | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Element Grou | ıp: | Beams/MLE's | | Length: | 2.5 m | <u> </u> | | |
| Element Grou | • | Beams/MLE's Diaphragms – Interm | ediate | Length: Width: | 2.5 m 0.086 | | | |
| | • | · | ediate | | | i m | | |
| Element Nam | • | Diaphragms – Interm | ediate | Width: | 0.086 | i m | | |
| Element Nam Location: | ne: | Diaphragms – Interm North and South | ediate | Width: Height: | 0.086 0.381 6 | i m | | |
| Element Nam Location: Material: | ne: | Diaphragms – Interm North and South Steel | | Width: Height: Count: | 0.086 0.381 6 ntity: 6 | i m | Limited ⊠ | |
| Element Nam Location: Material: Element Type | e: | Diaphragms – Interm North and South Steel C380x50 | | Width: Height: Count: Total Qua | 0.086 0.381 6 ntity: 6 | i m . m | | |
| Element Nam Location: Material: Element Type Environment: | e: | Diaphragms – Interm North and South Steel C380x50 ■ Benign ■ Modera | | Width: Height: Count: Total Qua | 0.086 0.381 6 ntity: 6 | i m . m | Limited ⊠ Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy | e: :: :stem: | Diaphragms – Interm North and South Steel C380x50 ⊠Benign ☐ Modera N/A | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition | e: :: :stem: | Diaphragms – Interm North and South Steel C380x50 ■ Benign Modera N/A Units | te □ Severe | Width: Height: Count: Total Qua | 0.086 0.381 6 ntity: 6 | es □ No □ | | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition | e: e: estem: | Diaphragms – Interm North and South Steel C380x50 ■ Benign Modera N/A Units | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: | e: e: estem: | Diaphragms – Interm North and South Steel C380x50 ■ Benign Modera N/A Units | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: | e: : : : : : : : : : : : : : : : : : : | Diaphragms – Interm North and South Steel C380x50 ■ Benign □ Modera N/A Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: : : : : : : : : : : : : : : : : : : | Diaphragms – Interm North and South Steel C380x50 ■ Benign □ Modera N/A Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: : : : : : : : : : : : : : : : : : : | Diaphragms – Interm North and South Steel C380x50 ■ Benign □ Modera N/A Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: : : : : : : : : : : : : : : : : : : | Diaphragms – Interm North and South Steel C380x50 ■ Benign □ Modera N/A Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | es □ No □ | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: : : : : : : : : : : : : : : : : : : | Diaphragms — Interm North and South Steel C380x50 | te □ Severe | Width: Height: Count: Total Qua Inspected | 0.086 0.381 6 ntity: 6 | res No Poor* | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Light surface | e: : : : : : : : : : : : : : : : : : : | Diaphragms – Interm North and South Steel C380x50 ☐ Benign ☐ Modera N/A Units ☐ m ☐ each ☐ % | te Severe Exc. | Width: Height: Count: Total Qua Inspected Good 6 | 0.086 0.381 6 ntity: 6 | res No Poor* | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Light surface | e: : : : : : : : : : : : : : : : : : : | Diaphragms — Interm North and South Steel C380x50 | te Severe Exc. | Width: Height: Count: Total Qua Inspected Good 6 | 0.086 0.381 6 ntity: 6 | res No Poor* | Perform. Deficiencie | es |
| Element Nam Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Light surface | e: : : : : : : : : : : : : : : : : : : | Diaphragms – Interm North and South Steel C380x50 ☐ Benign ☐ Modera N/A Units ☐ m ☐ each ☐ % | te Severe Exc. | Width: Height: Count: Total Qua Inspected Good 6 | 0.086 0.381 6 ntity: 6 Fair Maintenance | res No Poor* | Perform. Deficiencie | es |

| Element Nam Location: Material: Element Type Environment: | ie: | | | Length: | 1.4 m | | | | | | |
|---|--------------------------------|---|-------------------------|---|-----------------------------------|-----------------|----------------------------------|--|--|--|--|
| Material: Element Type | | Girders– Ends | | Width: | 0.3 m | | | | | | |
| Element Type | | North and South | | Height: | 0.7 m | | | | | | |
| | | Steel (350AT) | | Count: | 8 | | | | | | |
| Environment: | 2: | WWF 700x152 | | Total Qua | ntity: 25.8 r | m² | | | | | |
| | : | ⊠Benign ☐ Modera | te 🗆 Severe | Inspected | Y | es 🗌 No 🗆 | Limited ⊠ | | | | |
| Protection Sy | stem: | Coated | | | | | Danfanna Dafiaianaiaa | | | | |
| Condition | | Units | Exc. | Good | Fair | Poor* | Perform. Deficiencies | | | | |
| Data: | ⊠m² □ all | □ m □ each □ % | | 25.8 | | | 00 | | | | |
| Comments: Generally in | | | | | | | | | | | |
| Recommend | ded Wo | r k: □Rehab □1-5 years | □Replace □6-10 years | • | Maintenanc | e Needs: 00 | | | | | |
| | | □1-5 years | □0-10 years | • | □Urgent | □1 year | □2 year | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Element Grou | • | Beams/MLE's | | Length: | 14.67 | 5 m | | | | | |
| Element Nam | ne: | Cindona Middle | | | | | | | | | |
| | | Girders– Middle | | Width: | 0.3 m | | | | | | |
| Location: | | | | Height: | 0.3 m 0.7 m | | | | | | |
| Location: Material: | | Steel (350AT) | | Height: Count: | 0.7 m 4 | | | | | | |
| Location: Material: Element Type | e: | Steel (350AT) WWF 700x152 | | Height: Count: Total Qua | 0.7 m 4 ntity: 135 m | 1 ² | _ | | | | |
| Location: Material: Element Type Environment: |): : | Steel (350AT) | te 🗆 Severe | Height: Count: | 0.7 m 4 ntity: 135 m | | Limited ⊠ | | | | |
| Location: Material: Element Type Environment: Protection Sy |): : | Steel (350AT) WWF 700x152 ⊠Benign □ Modera | | Height: Count: Total Qua | 0.7 m 4 ntity: 135 n Y | n² es □ No □ | | | | | |
| Location: Material: Element Type Environment: | e: : :stem: | Steel (350AT) WWF 700x152 ☑ Benign ☐ Moderat | te Severe Exc. | Height: Count: Total Qua | 0.7 m 4 ntity: 135 m | 1 ² | Limited ⊠ Perform. Deficiencies | | | | |
| Location: Material: Element Type Environment: Protection Sy | e: : :stem: | Steel (350AT) WWF 700x152 ⊠Benign □ Modera | | Height: Count: Total Qua | 0.7 m 4 ntity: 135 n Y | n² es □ No □ | | | | | |
| Location: Material: Element Type Environment: Protection Sy Condition | e: : : stem: | Steel (350AT) WWF 700x152 ☑ Benign ☐ Moderat | | Height: Count: Total Qual Inspected: Good | 0.7 m 4 ntity: 135 n Y | n² es □ No □ | Perform. Deficiencies | | | | |
| Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | e: : : stem: | Steel (350AT) WWF 700x152 ☑ Benign ☐ Moderat | Exc. | Height: Count: Total Qual Inspected: Good | 0.7 m 4 ntity: 135 n Y | n² es □ No □ | Perform. Deficiencies | | | | |
| Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: | stem: Mm² all | Steel (350AT) WWF 700x152 Benign Moderate Units m each % to develop at botto | Exc. | Height: Count: Total Qual Inspected: Good | 0.7 m 4 ntity: 135 n Y | es No Poor* | Perform. Deficiencies | | | | |
| Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Patina layer | stem: Mm² all | Steel (350AT) WWF 700x152 Benign Moderate Units m each % to develop at botto | Exc. | Height: Count: Total Qual Inspected: Good | 0.7 m 4 ntity: 135 m Y Fair 5 | es No Poor* | Perform. Deficiencies | | | | |
| Location: Material: Element Type Environment: Protection Sy Condition Data: Comments: Patina layer | stem: Mm² all | Steel (350AT) WWF 700x152 Benign Moderate Units m each % to develop at botto | Exc. | Height: Count: Total Qual Inspected: Good | 0.7 m 4 ntity: 135 m Y Fair 5 | es No Poor* | Perform. Deficiencies | | | | |

| Flement Grou | | | | | | | | | | | |
|--|---------------|---|---------------------|--|------------------------------------|---|---------------------------------|--|--|--|--|
| Element Group: | | Coating | | Length: | | N/A | | | | | |
| Element Name: | | Structural Steel – Ends | | Width: | | N/A | | | | | |
| Location: | | Girder Ends and End Diaphragms | | Height: | | N/A | | | | | |
| Material: | | Epoxy-Zinc/Epoxy/Po | Count: | | N/A | | | | | | |
| Element Type: | | Paint | | Total Qua | ntity: 3 | 34.1 m ² | | | | | |
| Environment: | | ⊠ Benign □ Modera | Inspected | • | Yes 🛛 No 🗆 | Limited □ | | | | | |
| Protection Sys | stem: | N/A | | | | | Perform. Deficiencies | | | | |
| Condition | | Units | Exc. | Good Fa | | Poor* | | | | | |
| Data: | ⊠m² □ all | ☐ m ☐ each ☐ % | | 34.1 | | | 00 | | | | |
| Commonts | | | | | | | | | | | |
| Comments: | | | | | | | | | | | |
| Generally in | good co | ondition | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Recommend | led Wo | rk: □Rehab | □Replace | | Mainten | nance Needs: 00 | | | | | |
| | | □1-5 years | □6-10 year | S | | | | | | | |
| | | | | | □Urgent | □1 year | □2 year | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| Element Grou | ıp: | Embankments and St | reams | Length: | N | /A | | | | | |
| Element Grou | | Embankments and St | reams | Length: | | /A /A | | | | | |
| | | | reams | | N | /A | | | | | |
| Element Nam | | Embankments | reams | Width: | N | | | | | | |
| Element Nam Location: | e: | | reams | Width: Height: | N N 4 | /A | | | | | |
| Element Nam Location: Material: | e: | Embankments | | Width: Height: Count: | N N 4 ntity: Ea | /A /A | Limited □ | | | | |
| Element Nam Location: Material: Element Type | e: | Embankments Rip-rap | | Width: Height: Count: Total Qua | N N 4 ntity: Ea | /A /A ach | | | | | |
| Element Nam Location: Material: Element Type Environment: | e: | Embankments Rip-rap | | Width: Height: Count: Total Qua | N N 4 ntity: Ea | /A /A ach | Limited □ Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sys | stem: | Embankments Rip-rap ⊠Benign □ Modera | te □ Severe | Width: Height: Count: Total Qua Inspected | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sys | stem: | Embankments Rip-rap Benign □ Modera Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sys | stem: | Embankments Rip-rap Benign □ Modera Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua Inspected | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: | stem: | Embankments Rip-rap Benign □ Modera Units □ m 図 each □ % | te □ Severe | Width: Height: Count: Total Qua Inspected | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: | stem: | Embankments Rip-rap | te □ Severe | Width: Height: Count: Total Qua Inspected | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: | Embankments Rip-rap | te □ Severe | Width: Height: Count: Total Qua Inspected | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: | Embankments Rip-rap | te □ Severe | Width: Height: Count: Total Qua Inspected | N N 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: | stem: m² all | Embankments Rip-rap Benign Modera Units m each % ondition. | te □ Severe | Width: Height: Count: Total Qua Inspected | N A 4 ntity: E: | /A /A ach Yes ⊠ No □ | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: Generally in | stem: m² all | Embankments Rip-rap Benign Modera Units m each % ondition. | te Severe Exc. | Width: Height: Count: Total Qua Inspected Good 4 | N A 4 ntity: E: | /A /A ach Yes ⊠ No □ Poor* | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: Generally in | stem: m² all | Embankments Rip-rap Benign □ Modera Units □ m ☑ each □ % Ondition. rk: □ Rehab | te □ Severe Exc. | Width: Height: Count: Total Qua Inspected Good 4 | N A 4 ntity: E: | /A /A ach Yes ⊠ No □ Poor* ance Needs: 00 | Perform. Deficiencies | | | | |
| Element Nam Location: Material: Element Type Environment: Protection Sy: Condition Data: Comments: Generally in | stem: m² all | Embankments Rip-rap Benign □ Modera Units □ m ☑ each □ % Ondition. rk: □ Rehab | te Severe Exc. | Width: Height: Count: Total Qua Inspected Good 4 | N N 4 4 ntity: Est: Fair Mainten | /A /A ach Yes ⊠ No □ Poor* ance Needs: 00 | Perform. Deficiencies 00 | | | | |

| Element Group: | | Embankments & streams | | Length: | | N/A | | | | | |
|---|--------------|-----------------------------|-------------|-----------------|-----------------------|------------|-------------|-----------------------|----|--|--|
| Element Name: | | Streams and waterways | | Width: | | N/A | | | | | |
| Location: | | Under structure | | Height: | | N/A | | | | | |
| Material: | | Native soil | | Count: | | 1 | | | | | |
| Element Type: | | Stream | | Total Quantity: | | 1 | | | | | |
| Environment: | | ☑Benign ☐ Moderate ☐ Severe | | Inspected: | | Yes ⊠ No □ | | Limited | | | |
| Protection System: | | Treated | | | | | | | | | |
| Condition | | Units | Exc. | Good | Fai | r | Poor* | Perform. Deficiencies | | | |
| Data: | □m² ⊠ all | □ m □ each □ % | | All | | | | | 00 | | |
| Comments: Flow is from west to east. Flow clearance was ±2.5m at the time of inspection. | | | | | | | | | | | |
| | | | | | | | | | | | |
| Recommended Work: | | 'k: □Rehab | □Replace | | Maintenance Needs: 00 | | e Needs: 00 | | | | |
| | | □1-5 years | □6-10 years | | | | | | | | |
| | | | | | □Urge | ent | □1 year | □2 year | | | |
| | | | | | | | | | | | |



1. B-007 2023-10-31 North Approach Looking South



2. B-007 2023-10-31 Deck Wearing Surface Looking South



3. B-007 2023-10-31 Centerline and Transverse Cracks in Wearing Surface



4. B-007 2023-10-31 Debris in South Joint



5. B-007 2023-10-31 Joint Leaking at Northwest



6. B-007 2023-10-31 Northeast Guiderail



7. B-007 2023-10-31 Northwest Guiderail



8. B-007 2023-10-31 Southeast Guiderail



9. B-007 2023-10-31 Southwest Guiderail



10. B-007 2023-10-31 East Barrier Wall



11. B-007 2023-10-31 West Barrier Wall



12. B-007 2023-10-31 West Exterior Barrier



13. B-007 2023-10-31 Crack with Efflorescence in West Barrier



14. B-007 2023-10-31 North Abutment



15. B-007 2023-10-31 South Abutment



16. B-007 2023-10-31 Bearing Typical



17. B-007 2023-10-31 Diaphragm Typical



18. B-007 2023-10-31 Exterior Soffit Typical



19. B-007 2023-10-31 Soffit Typical



20. B-007 2023-10-31 Birds Nest on Girder



21. B-007 2023-10-31 Northeast Wingwall



22. B-007 2023-10-31 Northwest Wingwall



23. B-007 2023-10-31 Southeast Wingwall



24. B-007 2023-10-31 Southwest Wingwall



25. B-007 2023-10-31 Northeast Embankment



26. B-007 2023-10-31 Northwest Embankment



27. B-007 2023-10-31 Southeast Embankment



28. B-007 2023-10-31 Southwest Embankment



29. B-007 2023-10-31 East Waterway Downstream



30. B-007 2023-10-31 West Waterway Upstream