

| Bridge Inspection | | | | | | | | | | |
|------------------------|------------------------------|--|------|--|---------------------|----------------|---|--------------------|--|--|
| Bridge File Number | 83059 -1 Bridge | | | | Form Type | TT | | | | |
| Year Built/Year Supstr | 1986/1986 | | | | Lot No. | 2 | | | | |
| Bridge or Town Name | N COOKING LA | | | | Inspector Name | Jason Saly | | | | |
| Located Over | WATERCOURSE, WATERCRS-NI | | | | Inspector Class | BR CLS A | | | | |
| Located On | TRAIL-PED, ON 50000 FB | | | | Assistant Name | | | | | |
| Water Body Cl./Year | | | | | Assistant Class | | | | | |
| Navigabil. Cl./Year | | | | | Inspection Date | 28-Nov-2011 | | | | |
| Legal Land Location | NW SEC 9 TWP 52 RGE 20 W4M | | | | Data Entry By | Marcia Chavez | | | | |
| Longitude, Latitude | -112:54:05, 53:28:57 | | | | Data Entry Date | 03-Jan-2012 | | | | |
| Road Authority | Alberta Transportation (AIT) | | | | Reviewer Name | John O'Brien | | | | |
| Contract Main. Area | UNDEFINED CMA | | | | Review Date | 15-Dec-2011 | | | | |
| Clear Roadway/Skew | 3 / | | | | Dept. Reviewer Name | Andrew Smikles | | | | |
| AADT/Year | | | | | Dept. Review Date | 09-Jan-2012 | | | | |
| Road Classification | RLU-207G-60 | | | | Follow-Up By | | | | | |
| Detour Length (km) | | | | | | | | | | |
| Allowable Load (t): | Single | | Semi | | Train | | ----> On Critical Spans ---->Critical Member | | | |
| Design Loading: | | | | | | | | ----> Primary Span | | |

| Posting Information | | | | | | | | | | |
|-------------------------------|--------|----|-------------------|----|------------------|----|-----------------|----|-------------|--|
| Required Load Posting (t) | Single | | | | Semi | | | | Truck Train | |
| Posted Loading (t) | Single | | | | Semi | | | | Truck Train | |
| Posted: | Lane | EB | At Junction (Y/N) | No | In Advance (Y/N) | No | At Bridge (Y/N) | No | | |
| Posted: | Lane | WB | At Junction (Y/N) | No | In Advance (Y/N) | No | At Bridge (Y/N) | No | | |
| Remarks | | | | | | | | | | |
| Hazard Marker At Bridge (Y/N) | No | | | | | | | | | |
| Remarks | | | | | | | | | | |
| Other Sign Types | | | | | | | | | | |

| Utilities (Located at) | | | | | | | | | | |
|------------------------|--|--|--|--|---------------|----|--|--|--|--|
| Utility Attachments | | | | | | | | | | |
| Telephone | | | | | Gas | | | | | |
| Power | | | | | Municipal | | | | | |
| Others | | | | | Problem (Y/N) | No | | | | |
| Remarks | | | | | | | | | | |

| Approach Road | | | | | | | | | | |
|-------------------------------------|-------|--|----------|----------|------------------------------|--------|--|--|--|--|
| | | | Last | Now | Explanation of Condition | | | | | |
| Horizontal Alignment | | | 5 | 6 | TRAILS; OK for designed use. | | | | | |
| Vertical Alignment | | | 5 | 6 | | | | | | |
| Roadway Width (m) | 3.700 | | | | | (3.65) | | | | |
| Approach Bump | | | 5 | 5 | | | | | | |
| Guardrail (Y/N) | | | No | | | | | | | |
| Guardrail | | | X | X | | | | | | |
| Length (m) | | | | | | | | | | |
| Current Standard (Y/N) | | | No | | | | | | | |
| Termination Type | | | None | | | | | | | |
| Drainage | | | 5 | N | | | | | | |
| Approach Road General Rating | | | 5 | 6 | | | | | | |

| Superstructure | | | | | | |
|---|-----------|-----------|-----------|--------------------------|--|--|
| Bridge Component | | Last | Now | Explanation of Condition | | |
| (Primary Span : TT, 1 Spans, Lengths(m): 4.7, A-Ident Number:) | | | | | | |
| Special Features | | | | | | |
| Special Feature | | | X | | | |
| (Type :) | | | | | | |
| Special Feature | | | X | | | |
| (Type :) | | | | | | |
| Wearing Surface/Deck Top Detail Ratings | | | | | | |
| | N (%) | 1 (%) | 2 (%) | 3 (%) | Snow covered. | |
| Last | | | | | | |
| Now | 100.0 | 0.0 | 0.0 | 0.0 | | |
| Wearing Surface/Deck Top | | | | 5 | N | |
| (Material Type : TREATED TIMBER) | | | | | | |
| (Plank Thickness(mm) : 75) | | | | | | |
| (Plank Width(mm) : 300) | | | | | | |
| Deck Rideability | | | 5 | 7 | | |
| Wheel Guards | | | 5 | 7 | | |
| (Curb Type : Standard) | | | | | | |
| (Type : TREATED TIMBER) | | | | | | |
| (Thickness(mm) : 150) | | | | | | |
| (Width(mm) : 150) | | | | | | |
| Bridge Rail | | | | 7 | Approx. 1000mm deck to streambed. | |
| (Type : TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS)) | | | | | | |
| Bridge Rail Posts | | | X | 7 | | |
| (Type : TREATED TIMBER;TREATED TIMBER) | | | | | | |
| Bridge Rail/Posts Coating | | | X | X | | |
| (Type :) | | | | | | |
| (No. of Stringers : 7) | | | | | | |
| Stringer Detail Ratings | | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | Beaver dam under bridge. | |
| Last | | | | | | |
| Now | 3 | 0 | 0 | 0 | | |
| Stringers | | | 4 | 7 | | |
| (Type : TREATED TIMBER) | | | | | | |
| (Width(mm) : 200) | | | | | | |
| (Depth(mm) : 310) | | | | | | |
| (Spacing(mm) : 660) | | | | | | |
| Sub Deck/Deck Underside | | | X | 6 | Underside of wearing surface (single layer of treated timber). | |
| (Material Type : TREATED TIMBER) | | | | | | |
| (Plank Thickness(mm) : 75) | | | | | | |
| (Plank Width(mm) : 300) | | | | | | |
| Defects (Percent Area) | | | | | | |
| Span Alignment Problems | | | | | | |
| Vertical (Y/N) | | No | | | | |
| Horizontal (Y/N) | | No | | | | |
| Superstructure General Rating | | | 4 | 7 | | |

| Substructure | | | | | | | |
|---|-----------|-----------|-----------|-----------|-----|--------------------------|--|
| Bridge Component | | | | Last | Now | Explanation of Condition | |
| Abutments | | | | | | | |
| (Extended Backwall Piles (Y/N) : N) | | | | | | | |
| (Extended Backwall Piles Spacing(mm) :) | | | | | | | |
| (Total Number of Caps/Corbels : 1:1) | | | | | | | |
| Bearing Seats/Caps/Corbels Detail Ratings | | | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | | | |
| Last | | | | | | | |
| Now | 0 | 0 | 0 | 0 | | | |
| Bearing Seats/Caps/Corbels | | | | 3 | 5 | TT on mudsill repaired. | |
| (Type : TREATED TIMBER) | | | | | | | |
| (Depth(mm) : 200) | | | | | | | |
| (Width(mm) : 500) | | | | | | | |
| Backwalls/Breastwalls | | | | | | | |
| | | | | X | X | | |
| Greatest Height (m) | | 1.00 | | | | | |
| Wingwalls | | | | X | X | | |
| (Total Number of Bearing Piles : 0:0) | | | | | | | |
| Piles Detail Ratings | | | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | | | |
| Last | | | | | | | |
| Now | 0 | 0 | 0 | 0 | | | |
| Piles | | | | X | X | | |
| Paint/Coating | | | | X | X | | |
| Abutment Stability | | | | 3 | 5 | | |
| Scour/Erosion | | | | 5 | N | Covered by beaver dam. | |
| Piers/Bents | | | | | | | |
| (Type :) | | | | | | | |
| (Total Number of Caps/Corbels :) | | | | | | | |
| Bearing Seats/Caps/Corbels Detail Ratings | | | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | | | |
| Last | | | | | | | |
| Now | | | | | | | |
| Bearing Seats/Caps/Corbels | | | | X | X | | |
| (Type :) | | | | | | | |
| (Depth(mm) :) | | | | | | | |
| (Width(mm) :) | | | | | | | |
| (Total Number of Bearing Piles :) | | | | | | | |
| Piles Detail Ratings | | | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | | | |
| Last | | | | | | | |
| Now | | | | | | | |
| Pier Shaft/Piles | | | | X | X | | |
| Greatest Height (m) | | | | | | | |
| Bracing/Struts/Sheathing | | | | X | X | | |
| Nose Plate | | | | X | X | | |
| Paint/Coating | | | | X | X | | |
| (Colour Description :) | | | | | | | |
| (Colour Code :) | | | | | | | |
| Pier Stability | | | | X | X | | |

| Substructure | | | | |
|--|-----|----------|----------|----------------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| Scour | | X | X | |
| Debris (Y/N) | Yes | | | Beaver dam under bridge. |
| Substructure General Rating | | 3 | 5 | |
| Structure Usage | | | | |
| | | Last | Now | Explanation of Condition |
| Channel | | | | |
| (U/S Direction :) | | | | Unknown. |
| (D/S Direction :) | | | | |
| Alignment | | 6 | 6 | |
| Bank Stability | | 5 | 5 | |
| HWM (m below Top of Curb) | | | | HWM not visible. |
| Drift (Y/N) | Yes | | | |
| Slope Protection | | 5 | N | |
| (Type : NATURAL; NATURAL) | | | | |
| Guidebank/Spurs | | X | X | |
| Adequacy of Opening | | 4 | 4 | Beaver dam at bridge flood area. |
| (Fish Compensation Measure 1 : NONE) | | | | |
| (Fish Compensation Measure 2 : NONE) | | | | |
| Channel General Rating | | 5 | 4 | |

| Maintenance Recommendations | | | | | | | |
|---|------------------|--|---------------------------|---------------|-----------|-------------------|-----|
| Inspector Recommendations | Year | Inspector Comments | Department Comments | Target Year | Est. Cost | Cat # | |
| REPAIR/REPLACE BRIDGE RAIL | | | | | | | |
| PATCH DECK | | | | | | | |
| REPLACE STRIP DECK | | | | | | | |
| REPLACE SUB DECK | | | | | | | |
| STRAIGHTEN/REPLACE MEMBERS | | | | | | | |
| WASHING | | | | | | | |
| CORE TIMBER CAPS/CORBELS | | | | | | | |
| REPAIR/REPLACE TIMBER CAPS | | | | | | | |
| REPAIR ABUTMENT SCOUR/EROSION | | | | | | | |
| PLACE ADDITIONAL RIP RAP | | | | | | | |
| REMOVE DRIFT ACCUMULATION | | | | | | | |
| INSTALL STRUTS | | | | | | | |
| OTHER ACTION | 2012 | Remove beaver dam. | | | | | |
| OTHER ACTION | | | | | | | |
| OTHER ACTION | | | | | | | |
| OTHER ACTION | | | | | | | |
| Structural Condition Rating (Last/Now) (%) | 38.0/66.7 | Sufficiency Rating (Last/Now) (%) | 45.0/80.3 | Est. Repl. Yr | 2020 | Maint. Req. (Y/N) | Yes |
| Special Comments for Next Inspection | | | Department Comments | | | | |
| Maintenance Reviewed By | | | Date | | | Estimated Total | 0 |
| Proposed Long-Term Strategy | | | | | | | |
| On 3-Year Program (Y/N) | | | | | | | |
| Proposed Action | | | | | | | |
| Previous Inspector's Name | Aime Theroux | | Previous Assistant's Name | | | | |
| Next Inspection Date | 28-Aug-2016 | | Previous Inspection Date | 14-Nov-2002 | | | |
| Inspection Cycle (Default) (months) | 57 | | | | | | |
| Comment | | | | | | | |