



AGENDA

Committee of the Whole

January 15, 2025

10:00 a.m.

-
- 1. CALL TO ORDER**
 - 2. CHANGES TO AGENDA & ADOPTION OF AGENDA**
 - 3. CONFIRMATION OF MINUTES**
 - 4. DELEGATIONS**
 - 4.1 James MacDonald, Northern Lights Library System (NLLS) – 10:00 a.m.
 - 4.2 Kevin Kisilevich, Go East of Edmonton – 10:15 a.m.
 - 4.3 Kathy Dmytriw, Crossroads Regional Economic Development Alliance – 10:30 a.m.
 - 5. REPORTS FOR DISCUSSION**
 - 5.1 Vegreville Family & Community Support Services
Administration Presenter:
Davin Gegolick, Planning & Community Services
 - 5.2 Bridge File 01865
Administration Presenter:
Norm De Wet, Director of Operations
 - 6. COUNCILLOR REQUESTS (INFORMATION / PROGRAM REQUESTS)**
 - 6.1 Division Reports
 - 6.2 Councillor Request Report
 - 7. CLOSED SESSION**
 - 7.1 Federation of Canadian Municipalities (FCM) Membership
FOIP Section 24, Advice from officials
 - 7.2 Winter Road Closures
FOIP Section 24, Advice from officials
 - 8. OPEN SESSION**
 - 9. MOTIONS ARISING OUT OF THE CLOSED SESSION**
 - 10. ADJOURNMENT**



Committee of the Whole Meeting Minutes

December 11, 2024
10:00 a.m.

Members Present: Reeve Roger Konieczny, Division 3
Deputy Reeve Kevin Bentley, Division 7
Councillor Joey Nafziger, Division 1
Councillor Eric Anderson, Division 2
Councillor Cliff Wowdzia, Division 4
Councillor Tara Kuzio, Division 5
Councillor Carl Ogrodnick, Division 6

Administration Present: Pat Podoborzny, Chief Administrative Officer
Davin Gegolick, Director of Planning & Community Services
Mike Fundytus, Director of Protective Services
Norm De Wet, Director of Operations
Kari Janzen, Senior Accountant
Audra Kropielnicki, Executive Coordinator

1. CALL TO ORDER

Reeve Konieczny called the meeting to order at 10:00 a.m.

2. CHANGES TO AGENDA & ADOPTION OF AGENDA

2024-W080

Moved by: Kuzio

THAT the Agenda for the December 11, 2024 Committee of the Whole meeting be adopted as presented.

Carried

3. CONFIRMATION OF MINUTES

2024-W081

Moved by: Wowdzia

THAT the November 13, 2024 Committee of the Whole meeting minutes be adopted as presented.

Carried

4. DELEGATIONS

4.1 Vegreville and District Family and Community Support Services (FCSS)

Presentation on community projects and the FCSS Strategic Plan 2023-2026.

Request Council advocate for provincial and federal government support on prevention programs identified in the FCSS Strategic Plan, and further request the County of Minburn provide a 15% increase in annual funding.

External Presenter:

Julie Gottselig, FCSS Manager

4.2 Mannville–Minburn-Innisfree (M-M-I) FCSS

Presentation on programming initiatives for County residents.

Request the County of Minburn continue partnership with M-M-I FCSS and continue providing financial support and Councillor advocacy.

External Presenters:

FCSS Coordinator Carla Cavanagh and Director Jannette Riedel

Director of Operations Norm De Wet left the meeting at 10:28 a.m.

Director of Protective Services Mike Fundytus left the meeting at 10:29 a.m.

Director of Operations Norm De Wet returned to the meeting at 10:30 a.m.

Director of Protective Services Mike Fundytus returned to the meeting at 10:31 a.m.

Councillor Kuzio left the meeting at 10:43 a.m.

Director of Protective Services Mike Fundytus left the meeting at 10:43 a.m.

Councillor Kuzio returned to the meeting at 10:44 a.m.

Director of Protective Services Mike Fundytus returned to the meeting at 10:44 a.m.

4.3 Shock Trauma Air Rescue Service (STARS)

Presentation on STARS Air Ambulance Operations year in review.

Request annual pledge renewal in the amount of \$7000.

External Presenters:

Shannon Paquette

Reeve Konieczny recessed the meeting at 10:54 a.m.

Carla Cavanagh and Jannette Riedel, Mannville–Minburn-Innisfree FCSS, left the meeting at 10:56 a.m.

Julie Gottselig, Vegreville FCSS, left the meeting at 11:01 a.m.

Reeve Konieczny reconvened the meeting at 11:06 a.m.

5. REPORTS FOR DISCUSSION

5.1 Bylaw Enforcement Officer Bylaw

Council at their November 18 Council meeting and subsequent November 21 budget meeting approved administration's recommendation to appoint a bylaw enforcement position to current staff Protective Services. Pursuant to Section 556 of the *Municipal Government Act*, the powers and duties of a bylaw officer must be specified through a bylaw. Council was provided with a draft Bylaw Enforcement Officer Bylaw for review and comment before its first reading at the December 16, 2024 Council meeting.

Administration Presenter:

Davin Gegolick, Director of Planning and Community Services

2024-W082

Moved by: Deputy Reeve Bentley

THAT Administration prepare an RFD for the December 16, 2024 County Council meeting recommending first reading of Bylaw No. 1359-24.

Carried

5.2 Road Encroachments on CN Property

The Committee of the Whole was presented with information on two locations where public roads intersect with CNR's right of way. Twp Rd 512A located in Ranfurly previously provided access to the grain elevator, is unimproved, and currently provides a secondary access to a residence; and Twp Rd 502A in Minburn which is the only access to a private residence located at NW 14-50-10-W4M.

Administration Presenter:

Davin Gegolick, Director of Planning and Community Services

Councillor Wowdzia left the meeting at 11:27 a.m.

Councillor Wowdzia returned to the meeting at 11:30 a.m.

2024-W083

Moved by: Deputy Reeve Bentley

THAT Administration prepare an RFD for the December 16, 2024 County Council meeting recommending Option 3, closing access to the road in the Hamlet of Ranfurly.

Defeated

2024-W084

Moved by: Councillor Nafziger

THAT Administration prepare an RFD for the January 23, 2025 County Council meeting recommending Option 1, to initiate the process for subdivision and land purchase from CN in the Hamlet of Minburn.

Carried

5.3 Range Road 82 Guardrail Design

At the October 16, 2024 Committee of the Whole meeting Council was presented with two options from ATCO Electric to mitigate a potential motorist hazard pertaining to 2 power poles on the 7LA65 transmission line adjacent to a curve on Rge Rd 82, south of Hwy 16 and northwest corner of NW 23-50-9-W4M. Council tabled their decision at that time so the two options presented could be discussed with the neighboring landowner.

Administration Presenter:

Davin Gegolick, Director of Planning and Community Services

2024-W085

Moved by: Councillor Nafziger

THAT Administration prepare an RFD for the December 16, 2024 County Council meeting recommending Option 1 for Range Road 82 guardrail design.

Carried

5.4 Provincial Wildland Urban Interface (WUI) Team Application

The Committee of the Whole was presented information on the Province of Alberta announcement regarding expanding the Provincial Wildland Urban Interface (WUI) program from 2 teams to 6 teams. WUI teams are the first call for wildfire deployments within the province. Municipalities selected will receive 1.25 million in funding over 3 years.

Administration Presenter:

Mike Fundytus, Director of Protective Services

2024-W086

Moved by: Councillor Anderson

THAT Council direct Administration to prepare an RFD for the December 16, 2024 County Council supporting Administration in submitting an application to become a provincial Wildland Urban Interface Team.

Carried

5.5 Master Rates Amending Bylaw No. 1358-24

The Committee of the Whole was presented with several proposed changes to the County Master Rates Bylaw schedule of fees, rates and charges.

Administration Presenter:

Kari Janzen, Senior Accountant

2024-W087

Moved by: Councillor Kuzio

THAT Administration prepare an RFD for the December 16, 2024 County Council meeting recommending the adoption of Master Rates Amending Bylaw with the updated fee schedule, rates and charges as presented.

Carried

5.6 2025 Preliminary Budget Summary

The Committee of the Whole was presented with proposed operating and capital decision papers as a result of their November 24, 2024 Special meeting discussions.

Administration Presenter:

Kari Janzen, Senior Accountant

2024-W088

Moved by: Councillor Nafziger

THAT Administration prepare an RFD for the December 16, 2024 County Council meeting approving the preliminary budget as presented.

Carried

Councillor Kuzio left the meeting at 11:57 a.m.

6. COUNCILLOR REQUESTS (INFORMATION/PROGRAM REQUESTS)

6.1 Divisional Reports

2024-W089

Moved by: Councillor Nafziger

THAT the Divisional Reports be accepted as presented.

Carried

6.2 Councillor Request Report

2024-W090

Moved by: Councillor Anderson

THAT the Councillor Request Report be accepted as presented.

Carried

Reeve Konieczny recessed the meeting at 12:22 p.m. for lunch followed by the Agricultural Service Board Meeting.

Reeve Konieczny reconvened the Committee of the Whole meeting at 3:03 p.m.

7. CLOSED SESSION

2024-W091

Moved by: Councillor Anderson

THAT the Committee of the Whole meet in private to discuss matters protected from disclosure under the *Freedom of Information and Protection of Privacy Act (FOIP)*, specifically *FOIP Section 17, harmful to personal privacy* at 3:09 p.m.

Carried

7.1 CAO Evaluation

FOIP Section 17, harmful to personal privacy

Name	Reason/Purpose
Pat Podoborzny	Strategic Leader of the Organization

CAO Pat Podoborzny left the meeting at 3:21 p.m.

CAO Pat Podoborzny joined the meeting at 3:45 p.m.

8. OPEN SESSION

2024-W092

Moved by: Councillor Nafziger

THAT the Committee of the Whole meeting revert to open session at 4:02 p.m.

Carried

9. MOTIONS ARISING OUT OF CLOSED SESSION

There were no motions arising out of closed session.

10. ADJOURNMENT

Reeve Konieczny declared the meeting adjourned at 4:06 p.m.

Reeve

Chief Administrative Officer

2024 VALUE STATEMENT

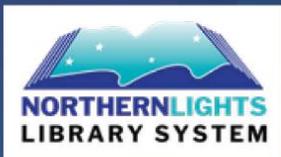
County of Minburn No. 27

Population: 3,188 Library Cards: (Blank)

This value statement highlights the benefits of belonging to Northern Lights Library System. It is a snapshot of the health of your library and the value of your investment.

For questions or concerns please contact:

James MacDonald, Executive Director
P: (780)-545-5072
E: jmacdonald@nlls.ab.ca



Total Library Savings

\$2,122,297

Name Of Library(s):

Innisfree Public Library

Vegreville Centennial Library

Mannville Centennial Public Library

OPERATIONS

Levy Cost
\$34,877

Rural Services Grant
17,674

Book Allotment
\$6,854

Return on Investment
\$73.98

ELECTRONIC AND NON-TRADITIONAL MATERIALS

eBooks in Circulation **8,791**

Total eBook Circulation Value

\$621,616

CIRCULATION

Net Borrower **58,062**

Total Print Circulation Value

\$1,451,550

SERVICE DELIVERY

MLS + TSI Tickets **214**

Total Professional Value

\$17,927

Aquisition & Cataloguing:

1,076 items purchased with NLLS

\$7,047 saved via aquisition

\$4,304 cataloguing & processing value

LIBRARY		MUNICIPAL LEVY		PROVINCIAL GRANTS					
\$5.47	+	\$5.47	+	\$4.75	=	\$15.69	-	\$2.15	
PER CITIZEN		PER CITIZEN		PER CITIZEN		PER CITIZEN		LOCAL LIBRARY BOOK ALLOTMENT	
								\$6,854.20	



Operating Budget

SYSTEM WIDE VALUE

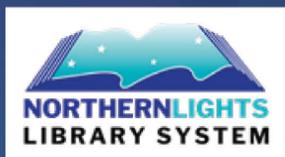
TRAC = 200 Alberta libraries, public catalog, mobile app, access to 3.5 million library items.



E-Resources



Service Catalogue



Top 3 Milestones of 2024

1. New Websites for Libraries
2. GoLibrary self-registration website
3. Welcome to Kehewin Cree Nation & Art Smith Aviation Academy

Top 3 Initiatives of 2025

1. Wireless printing
2. TRACPac+ major updates to the library catalogue
3. Shelf-ready pilot program for enhanced processing efficiency

Success Stories From the Past Year

Local Success Story

Big Savings in Vegreville's Receipt Reading Contest! Vegreville Centennial Library's Receipt Reading Contest was a hit, with 150+ receipts a week over six weeks! By tracking the value of borrowed books, participants saw firsthand the power of library access—saving a staggering \$1,156,084.21! A fun, eye-opening reminder that libraries aren't just about books—they're about big community impact!

System Success Story

Combined Advocacy for Libraries
In November, NLLS united with six regional library systems to advocate for sustainable funding and modern broadband for Alberta libraries. This joint effort underscores our commitment to equitable, future-ready library services.



COMMITTEE OF THE WHOLE DISCUSSION PAPER

Topic: Vegreville FCSS Funding
Date: January 15, 2025

Background

During their presentation at the December 11, 2024 COW, Vegreville FCSS requested a 15% increase in funding. The County already has a funding agreement signed with Vegreville FCSS for 2023-2025.

Information for the Committee

The province provides 80% conditional grant funding to municipalities if the municipality contributes a minimum of 20% of the FCSS Services' annual costs. Historically, the County has exceeded this contribution (currently allocating 41%), with the last municipal increase being in 2016.

The municipal contribution is currently split 55% Vegreville FCSS and 45% Mannville-Minburn-Innisfree (M-M-I) FCSS. In addition to the provincial funding allocation, the County allocates the following annual municipal funding to Vegreville FCSS between 2023-2025: \$26,811.40. A 15% increase to the Vegreville FCSS funding would increase this annual allocation to \$30,833.11, shifting the Vegreville FCSS to 58% and M-M-I FCSS to 42%.

A survey was conducted on other municipalities to determine their municipal allocations to FCSS:

Municipality	FCSS Contribution
Village of Mannville	20%
Clear Hills County	20%
County of Paintearth	20% + additional \$4,000 to both FCSS bodies

Committee Discussion

Does Council want to consider a 15% increase in Vegreville FCSS funding for our next agreement in 2026?

Attachment: FCSS Program Funding Summary Table

FCSS Program Funding

Year	Provincial Funding	Min. Municipal Contribution (20%)	Actual Municipal Contribution					Municipal Contribution
			Vegreville	Vegreville %	Mannville	Mannville %	Total Municipal Funded	
2014	\$ 92,705.00	\$ 18,541.00	\$ 23,548.80	60%	\$ 15,699.20	40%	\$ 39,248.00	42%
2015	\$ 99,658.00	\$ 19,931.60	\$ 28,048.80	60%	\$ 18,699.20	40%	\$ 46,748.00	47%
2016								
2017								
2018								
2019	\$ 114,508.00	\$ 22,901.60	\$ 26,811.40	55%	\$ 21,936.60	45%	\$ 48,748.00	43%
2020								
2021								
2022								
2023	\$ 118,372.65	\$ 23,674.53	\$ 26,811.40	55%	\$ 21,936.60	45%	\$ 48,748.00	41%
2024	\$ 119,660.86	\$ 23,932.17	\$ 26,811.40	55%	\$ 21,936.60	45%	\$ 48,748.00	41%
2025	\$ 119,660.86	\$ 23,932.17	\$ 26,811.40	55%	\$ 21,936.60	45%	\$ 48,748.00	41%

*Village of Minburn dissolved into County of Minburn - change in population
Last municipal increase*

Budgeted

2026	\$ 119,660.86	\$ 23,932.17	\$ 30,833.11	58%	\$ 21,936.60	42%	\$ 52,769.71	44%	Option 1: 15% increase to Vegreville, no increase to Mannville
	\$ 119,660.86	\$ 23,932.17	\$ 30,833.11	55%	\$ 25,227.09	45%	\$ 56,060.20	47%	Option 2: 15% increase to both Vegreville and Mannville

Assuming no change to Provincial funding



COMMITTEE OF THE WHOLE DISCUSSION PAPER

Topic: BF 01865

Date: January 8, 2025

Background

BF 01865, a precast concrete girder bridge on a treated timber substructure built in 1966, is located on Township Road 532, west of Range Road 142. The estimated value of BF 01865 is approximately \$2.2 million.

Initial repair costs for 2025 were estimated at approximately \$182,000, to be covered by the bridge maintenance budget. However, Level 2 inspections identified significant issues including: crushing and bowing of the Pier 2 timber cap, the need for girder repair, pile driving, and pile repair.

Due to the low rating advisory, the bridge load capacity has been reduced to 15 tonnes, down from its previous load capacity of 52 tonnes, until the necessary repairs are completed.

Information for the Committee

Considering the results of the Level 2 inspection, the following work is recommended to extend the structure's lifespan by 10 to 15 years. The estimated cost for these repairs, including engineering and contingency, is \$383,000.

- Replace all timber caps.
- Reset girders to move them outside of the wheel paths.
- Drive five new piles.
- Perform pile repairs.
- Conduct full and partial-depth concrete repairs.
- Repair the bridge rail.
- Repair the guardrail.
- Repair the backwall.
- Repair the headslope.
- Install heavy rock riprap.

To avoid girder replacement, the existing girders would be repaired, with those in the worst condition moved out of the wheel paths to extend their service life. Replacing all girders rated at a 3 or 4 would be an additional cost of \$290,000.

Financials:

Year	Details	STIP Amount	Municipal
Financials	Annual Bridge Maintenance Budget		\$300,000.00
	Annual Allocation into Capital Reserves		\$425,000.00
	Reserve Balance		\$3,014,694.00
2024 Approved Maintenance Projects	BF 01306 (RR 102 north of Minburn)		\$65,000.00
	BF 06729 (RR 160 south of Twp 540)	\$99,000	\$166,000.00
	BF 08790 (Twp 520 near RR 95)		\$104,000.00
2025 Bridge Culvert Replacement and Maintenance	BF 75604 Culvert Replacement, Div. 7 (RR 145 South of Highway 631)	\$308,250.00	\$102,750.00
	BF 01195 Culvert Replacement, Div. 5 (RR 134 South of Twp 520)	\$310,500.00	\$103,500.00
	BF 01819 Culvert Replacement, Div. 5 (RR 123 North of Twp 510)	\$409,500.00	\$136,500.00
	BF 78718 Culvert Replacement, Div. 3 (Twp 512 West of RR 80)	\$465,750.00	\$155,250.00
	BF 75589 Culvert Replacement, Div. 7 (Twp 532 West of RR 155)	\$484,500.00	\$161,500.00
	BF 74718 Bridge Maintenance, Div. 1 (Twp 502 East of RR 85)	\$93,750.00	\$31,250.00

Recommendation

THAT the Committee of the Whole recommend to County Council that BF 01865 be repaired in 2025, with any cost overages to be covered by Bridge Reserves.

Attachment:

MPA Report.

Level 2 Timber Coring and Girder Inspection

**Bridge File 01865
Vermilion River
Township Road 532 near Vegreville
SE 15-53-14-W4M**



December 2024



LEVEL 2 INSPECTION REPORT



December 10, 2024

File: 01865

County of Minburn No. 27
4909 – 50 Street
Vegreville, Alberta T9C 1R6

Attention: Norm De Wet, Director of Operations

Dear Norm,

RE: Level 2 Timber Coring and Girder Inspection – Bridge File 01865

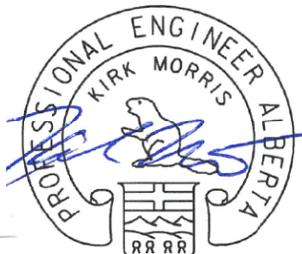
As requested, we have completed the Level 2 timber coring and girder inspection of Bridge File 01865, located on Township Road 532 at SE 15-53-14-W4M. The attached report summarizes the findings of our level 2 inspections and includes recommendations and budget estimates for programming purposes.

Please call if you have any further questions in this regard.

Sincerely,
MPA Engineering Ltd.

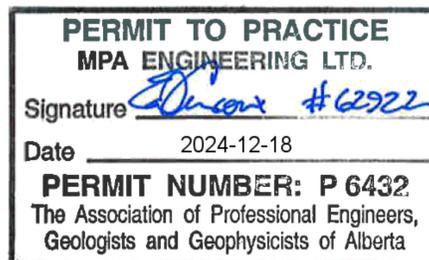
Per:

Tyler Yaworski, C.E.T.



ID 217527
16 Dec 2024

Kirk Morris, P.Eng.



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Appendix

- 'A' Cost Estimate
- Level 2 Coring Diagram
- Level 2 Girder Inspection
- BIM Report
- Photos

MPA Engineering Ltd. – Third Party Disclaimer

MPA Engineering Ltd. (“MPA”) has prepared this report for the benefit of the client to whom it is addressed. This report and its contents represent MPA’s best professional judgment in light of the knowledge and information available to MPA at the time of preparation. MPA makes no representation or warranty, and expressly disclaims any liability with respect to the content of this report to any Third Party, including but not limited to errors or omissions contained therein.

1.0 INTRODUCTION AND BRIDGE DESCRIPTION

MPA Engineering Ltd. was retained by the County of Minburn No. 27 to complete a Level 2 Timber Coring and Girder Inspection for Bridge File 01865, which carries Township Road 532 over Vermilion River near Vegreville (SE 15-53-14 W4M). The existing structure is a three span 8.5 – 8.5 – 8.5 m 'HC' girder bridge on a treated timber substructure that was initially constructed in 1966 according to the BIM.

2.0 INSPECTION METHODS

All of the timber caps were accessible and were cored near each end and at about 1 m intervals along their lengths. All timber piles were accessible, a minimum of one core was taken per bearing pile in each abutment and a minimum of 4 cores were taken per bearing pile in each pier. All core holes were plugged with a Cobra Rod preservative/fungal treatment and sealed with a removable plastic cap. The condition of piles and caps was recorded and rated according to the BIM guidelines. The BIM rating criteria is included in the Appendix.

All the girders were accessible and inspected from the underside. The top surface of each girder was not visible due to snow covering the girder tops. The condition of each girder was recorded and rated according to the BIM guidelines.

The results of the coring inspection are summarized in the diagrams in the Appendix of this report. The BIM report was updated to include the Level 2 inspection information and is also included in the Appendix.

3.0 RESULTS OF LEVEL 2 CORING

The timber caps at both abutments were cored and are in generally adequate condition. The Abutment 1 cap has minor fire damage but has been reinforced with an additional treated timber plank. No other notable defects or rot were found. The timber caps were rated '5'.

The abutment piles were cored, and a few notable defects were found. All of the Abutment 1 piles have fire damage with some section loss near the tops of the piles. Abutment 2 Pile 6 had rot with void less than 0.25 of the pile diameter. No other notable defects or rot were noted. The abutment piles were rated '3' due to the rot found in Abutment 2 Pile 6.

The timber caps were cored at both piers and a few notable defects were found. There is a vertical crack at the SW end of the Pier 1 cap. Pier 1 cap is split on the underside from Pile 5 – 7. The Pier 2 cap is split on the underside from Pile 2 – 8. The Pier 1 and Pier 2 caps were noted to bulging up to 10 mm near mid span. The Pier 2 cap is showing signs of crushing near mid span. Pier 1 Piles 5, 7 and Pier 2 Piles 3, 5, and 6 are pushing into the cap. Beginning of rot was found in one core only between Piles 5 and 6 of Pier 2. No other notable defects or rot was noted. The Pier caps were rated '2' due to the signs of crushing.

The pier piles were cored, and a few notable defects were found. Beginning of rot was found in Pier 1 Piles 3, 5 and Pier 2 Piles 1, 5 in one core only. Pier 1 Pile 1 has a 20 mm crack, Pier 1 Piles 2, and 5 have 10 mm crack, and Pier 1 Pile 8 has a 10 mm wide check, all cracks/checks were near the ice line. Pile 1 of Pier 1 and 2 have drift/ice damage to the outer fibers. No other notable defects or rot were noted. The pier piles were rated '4' due to the rot found.

The visible sections of the backwalls and wingwalls were inspected and rated accordingly. The Abutment 1 backwall is not low enough between Piles 5 and 6 with minor loss of fill noted. Some loose planks were noted on the wingwalls with some having fire damage but all wingwalls were noted to still be functional. No other visible concerns were noted this inspection and the backwalls were rated '4' and the wingwalls were rated '5'.

4.0 RESULTS OF GIRDER INSPECTION

The undersides of the girders were accessible and inspected. The following summarizes the defects noted in the level 2 girder inspection report:

- Span 1 Girders 5, 6, Span 3 Girder 6 – Punchouts forming near the girder lifting hooks and near mid span – rated ‘3’.
- Span 2 Girders 3, 6, 7 – Spall in the anchorage zone with >50% of main reinforcement embedded in sound concrete, with a defect in the other leg – rated ‘3’.
- Span 2 Girder 4 – Wide longitudinal crack in anchorage zone with unsound concrete above, with a defect in the other leg – rated ‘3’.
- Span 3 Girder 3, 5 - Spall in the anchorage zone with >50% of main reinforcement embedded in sound concrete, no defect in the other leg – rated ‘4’.
- Span 1 Girders 3, 7, 8, Span 2 Girders 5, 8, and Span 3 Girder 7 – Wide longitudinal cracks in the anchorage zone with sound concrete above, with a defect in the other leg – rated ‘4’.
- All remaining girders were rated ‘5’.

5.0 RECOMMENDATIONS AND ESTIMATED COSTS

The existing structure is 58 years old according to the BIM which exceeds the normal service life for this type of structure. Some urgent repairs are required to the superstructure and substructure; however, the other elements in this structure only require preventative maintenance to extend its service life.

The following work is recommended to extend the structure's life by 10 - 15 years.

- Replace Timber Caps – Replace All Caps.
- Reset Girders – Move Span 1 Girder 4, Span 2 Girder 7, and Span 3 Girder outside of the wheel paths.
- Supply, Set-up, and Drive New Piles – Abutment 2 Pile 6, Pier 1 Pile 3, 5 and Pier 2 Pile 1, 5 (5 Total).
- Pile Repairs – Treat and Band Pier 1 Pile 1, 2, and 8.
- Full Depth Concrete Repairs (Girder Punchouts) – Repair Span 1 Girders 5, 6, and Span 3 Girders 6 - approx. 0.3 m³.
- Partial Depth Concrete Repairs (Girder Legs) – Repair Span 1 Girder 5, and Span 2 Girders 3, 4, 6, 7 and Span 3 Girders 3, 5 – approx. 2.7 m² total.

- Partial Depth Concrete Repairs (Curbs) – Repair Span 1 Girder 1, Span 3 Girder 1, and Span 1 Girder 9 – 4 m² total.
- Partial Depth Concrete Repairs (Deck Top) (Deletable) – Approx. 1 m² to repair girder scaling/rounding of girder edges.
- Bridgerail Repairs – Replace 3 broken spacer blocks and replace 1 w-beam section
- Guardrail Repairs – Replace 5 w-beam sections and 2 posts, and install 8 m of curved guardrail at the SE corner.
- Backwall Repairs – Lower Abutment 1 backwall by 3 planks between piles 5 and 6.
- Headslope Repairs - Install 27 m³ of clay fill to re-build Abutment 2 headslope.
- Heavy Rock Riprap – Install 20 m³ of Class 1 riprap at Abutment 2 headslope.
- Miscellaneous Repairs –
 - Remove windrows and vegetation under guardrail.
 - Remove spray foam from Sp.3 G9 drain.

The estimated repair cost, including 30% contingencies and engineering, is \$383,000. A level 'A' cost estimate is included in the Appendix. The structural issues should be repaired within the next year to improve the safety of this structure. It is recommended to post the bridge to 15 tonnes until repairs are completed. It is assumed that the road would be closed during construction. It should be noted the remaining timber piles and pre-cast girders will be a limiting factor for the service life of the bridge, and it's likely that in about 10 – 15 years or so, more repairs to the bearing piles and girders will be required. It could be considered to replace all girders rated '3' and '4' at an additional cost of approximately \$290,000 to help further increase the service life of this structure in lieu of attempting to repair the girders.

To avoid girder replacement the existing girders would be repaired and the ones considered to be in the worst condition would be moved out of the wheel paths to help extend their service life. It should be noted that some of the girders may still have a '4' rating once repaired which is considered below adequate, however, they should still function until additional girder repairs are required.

A QAES report will likely be required before undertaking the structure's maintenance as instream work is required. This is accounted for in the estimated engineering fees. Additionally, when working in the watercourse, TSS testing has also been included.

These repairs are intended to increase the existing structure's lifespan and not bring the bridge to current standards. As such, no upgrades to the current bridgerail and a slight upgrade to the guardrail has been included in the repairs, completing the repairs listed above will only improve the existing bridgerail and guardrail that is currently in place, and after the repairs are completed, they still will not meet the current standards.

APPENDIX

- 'A' Cost Estimate
- Level 2 Coring Diagram
- Level 2 Girder Inspection
- BIM Report
- Photos



COST ESTIMATE TYPE: **A**

FILE: **01865**

PROJECT: **Maintenance**

SPANS & TYPE: **8.5-8.5-8.5 m HC on TT**

DATE: **11/29/2024**

LENGTH: **25.5**

WIDTH: **7.3**

AREA: **186.2**

CONTRACT NO.:

Bid Item No.	CONTRACT ITEM	UNIT	QUANTITY	UNIT PRICE	PROJECTED EXPENDITURES			
					TOTAL	2024	2025	TOTAL
1	Mobilization	l.sum	1	\$30,000	\$30,000		30,000	\$30,000
2	Site Occupancy	l.sum		\$1,500				
3	Traffic Accommodation	l.sum	1	\$7,500	\$7,500		7,500	\$7,500
4	TSS Testing	per day	5	\$1,500	\$7,500		7,500	\$7,500
5	Replace Timber Caps	l.sum	1	\$75,000	\$75,000		75,000	\$75,000
6	Setup, Supply and Drive Piling	each	5	\$9,000	\$45,000		45,000	\$45,000
7	Pile Repairs - Treat and Band	per pile	3	\$750	\$2,250		2,250	\$2,250
8	Full Depth Concrete Repairs	l.sum	1	\$10,000	\$10,000		10,000	\$10,000
9	Partial Depth Concrete Repairs (Girder Legs)	l.sum	1	\$16,000	\$16,000		16,000	\$16,000
10	Partial Depth Concrete Repairs (Curbs)	l.sum	1	\$12,000	\$12,000		12,000	\$12,000
11	Partial Depth Concrete Repairs (Deck Top) (Deleteable)	l.sum	1	\$7,500	\$7,500		7,500	\$7,500
12	Bridgerail Repairs	l.sum	1	\$2,500	\$2,500		2,500	\$2,500
13	Guardrail Repairs	l.sum	1	\$18,000	\$18,000		18,000	\$18,000
14	Backwall Repairs	l.sum	1	\$4,500	\$4,500		4,500	\$4,500
15	Headslope Repairs	l.sum	1	\$12,000	\$12,000		12,000	\$12,000
16	Heavy Rock Riprap (Class 1)	m ³	20	\$400	\$8,000		8,000	\$8,000
17	Miscellaneous Repairs	l.sum	1	\$1,500	\$1,500		1,500	\$1,500
Total "Contract" :					\$259,250		\$259,250	\$259,250

Dates: - Tender:
 - Traffic:
 - Final compl :

Cost-Contract & Materials	\$259,250
Deletable	\$7,500
*Engineering	\$45,000
Total Cost	\$304,250
Cost per metre	\$11,931

PROJECTED EXPENDITURE SUMMARY

Contract
 +30% Contingency
 Other:
 Engineering: Consultant (Contract & Inspection)
 TOTAL

PAST	TOTAL	2024	2025	TOTAL
	\$259,250		259,250	\$259,250
	\$77,775		\$77,775	\$77,775
			45,000	\$45,000
	\$337,025		382,025	\$382,025
<i>Rounded</i>	\$338,000		\$383,000	\$383,000



Estimate Prepared by: Tyler Yaworski, C.E.T.

Date: 29-Nov-24

*Engineering cost estimate may be reduced if work is combined with other sites

Type "A" Estimate



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

Name: _____

Division: _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____

To Date: _____

Resident Comments:



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

Name: _____

Division: _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____

To Date: _____

Resident Comments:



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

Name: _____ **Division:** _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____ **To Date:** _____

Resident Comments:



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

Name: _____

Division: _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____

To Date: _____

Resident Comments:



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

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Division: _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____

To Date: _____

Resident Comments:



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

Name: _____

Division: _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____

To Date: _____

Resident Comments:



**COMMITTEE OF THE WHOLE
DIVISION REPORT**

Name: _____

Division: _____

For Presentation at _____ **Committee of the Whole Meeting**

From Date: _____

To Date: _____

Resident Comments:

Request #	Councillor Name	Request Title	Request	Responding Dept	Response	Response Date	Status
CR24-32	Councillor Ogradnick	Elected Official Training	Would like to speak to the Minister about Mandatory Elected official Training during our meeting with the Minister at the RMA Convention.	Office of the CAO	Inquiry sent to the Ministers Office if we can add items to be discussed at the Ministers meeting. We never met with the Minister at RMA, how would you like administration to proceed now? Council decided to let the matter drop at the Dec 16 Council Meeting.	16-Dec-24	Closed
CR24-33	Deputy Reeve Bentley	Winter Road Closure	Send letter to County ratepayer on winter road closure	Office of the CAO	Wrote draft letter, Councillor Bentley asked to bring it to COW for discussion		Ongoing
CR24-34	Councillor Wowdzia	FCM Membership	Send to Council previous information received from FCM	Office of the CAO	Email sent to Council on December 24 with FCM membership history	24-Dec-24	Ongoing
CR24-35	Councillor Nafziger	County Bounty	Request for information on province discontinuing funding for County Bounty program and Alberta Professional Outfitters prepared to fund 100%	Operations	To be discussed at January ASB meeting		Ongoing
CR24-36	Councillor Anderson	Vermilion Physician Recruitment	Contact Vermilion Physican Recruitment advertising need for patients. Nurse practioner also needing patients	Office of the CAO	Email sent to CAO at Vermilion asking for advertising information.	24-Dec-24	No response received
CR24-37	Council	ROTC Tour	Contact Vermilion RCMP Detachment to arrange a tour of the ROTC on January 20th, 2025	Office of the CAO	Email sent to Vermilion Detachment, waiting on Council response for January 20 tour date		Ongoing