1. CALL TO ORDER

2. APPROVAL OF AGENDA

3. CONSENT AGENDA
   3.1 Council for Public Works Minutes, February 27, 2020
   3.2 February 2020 Director Report
   3.3 March 2020 Director Report
   3.4 February 2020 Shop Foreman Report
   3.5 March 2020 Shop Foreman Report
   3.6 February 2020 Utilities Foreman Report
   3.7 February 2020 Division 1-5 (East End Foreman) Report
   3.8 March 2020 Division 1-5 (East End Foreman) Report
   3.9 February 2020 Division 6-7 (West End Foreman) Report
   3.10 March 2020 Division 6-7 (West End Foreman) Report
   3.11 February 2020 Right of Entry Agreement Report
   3.12 February 2020 Solid Waste Haul Data Report
   3.13 March 2020 Solid Waste Haul Data Report
   3.14 February 2020 Road Use Agreement / Roadata Report
   3.15 March 2020 Road Use Agreement / Roadata Report
3.16 February 2020 GP Road Inspections Report
3.17 March 2020 GP Road Inspections Report
3.18 February 2020 Service Request Management Report
3.19 March 2020 Service Request Management Report
3.20 March 2020 Project Costing Report

4. UNFINISHED BUSINESS

5. NEW BUSINESS
5.1 Road Ban Order – April 13, 2020 - Report
5.2 Paper Recycling Program - Report
5.3 2020 Road Tour with Respect to Covid-19 - Report
5.4 Proposed Five-Year Bridge Plan – 2020-2024 - Report
5.5 Request for Quotes – Supply of Engineered Oilfield Portable Bridges - Report

Neil Powell

6. INFORMATION ITEMS

7. ADJOURN
1. **CALL TO ORDER**

The Council for Public Works meeting for the County of Wetaskiwin No. 10 was called to order by Reeve T. Van de Kraats in the Council Chambers, of the County of Wetaskiwin Administration Office, commencing at 9:01 a.m. on Tuesday, February 27, 2020.

2. **APPROVAL OF AGENDA**

Resolution PW20200227.001

MOVED: by Councillor J. Bishop

that the agenda be accepted as presented.

Carried Unanimously

3. **CONSENT AGENDA**

Resolution PW20200227.002

MOVED: by Councillor J. Bishop

that Council approve the items listed on the Consent Agenda as follows:

3.2. January 2020 Director Report
3.3. January 2020 Shop Foreman Report
3.4. January 2020 Utilities Foreman Report
3.5. January 2020 Division 1-5 (East End Foreman) Report
3.6. January 2020 Division 6-7 (West End Foreman) Report
3.7. January 2020 Right of Entry Agreement Report
3.10. January 2020 GP Road Inspections Report

Carried Unanimously

5. **NEW BUSINESS**

5.1 Wetaskiwin Agricultural Society-2020 Wetaskiwin Rawhide Rodeo - Report
Resolution PW20200227.003
MOVED: by Councillor K. Rooyakkers

that, subject to availability, Council approve the request from the Wetaskiwin Agricultural Society, Rawhide Rodeo Committee as follows:

1. Use of a County water truck for the purpose of watering the arena during the Rawhide Rodeo on June 12, 13 & 14, 2020 with Greg Ambler (County of Wetaskiwin employee) being the sole operator of the truck; and

2. Delivery and use of a roll off bin throughout the weekend of the rodeo.

Carried Unanimously

5.2 2019 West Flood - Disaster Recovery Program Funding Approval - Report

Resolution PW20200227.004
MOVED: by Councillor L. Seeley

that Council accept for information the update from the Minister of Municipal Affairs, Honorable Kaycee Madu, informing of the funding approval granted through the Disaster Recovery Program for repair and restoration of the 2019 West Flood.

Carried Unanimously

5.3 Request for Quotation Award – 2020 Bridge Maintenance Contract - Report

Resolution PW20200227.005
MOVED: by Councillor J. Bishop

that Council award the 2020 Bridge Maintenance Contract to Volker Stevin Highways Ltd. for the low bid of $144,970.04.

Carried Unanimously

5.4 Tender Results – One New Aluminum Tridem Two Compartment Water/Calcium Tankard Trailer - Report

Resolution PW20200227.006
MOVED: by Councillor K. Adair

that Council approve awarding the tender to the low bid of $210,195.00 from Edmonton Trailer Sales and Leasing Ltd. for the purchase of one new aluminum tridem two compartment water/calcium tankard trailer.

Carried Unanimously

5.5 Tender Results – 2020 Local Road Paving - Report

Resolution PW20200227.007
MOVED: by Councillor K. Adair

that Council award the contract for Asphalt Concrete Pavement and Other Work for Range Road 63, from Hwy 13 north to 2nd Ave West in Buck Lake (a distance of 2.62 km); and the Golf Course Road, from Range Road 245 to the Peace Hills entrance (a distance of 1.8 km) - to Lahrmann Construction Inc. in the amount of $1,701,080.60 and approve total project costs of $1,928,460 which is inclusive of contract costs, engineering, bonuses and contingencies; and that if required, budget over expenditures up to $284,000 to be withdrawn from the Public Works – Paved Contingency Reserve.

Carried Unanimously

5.6 Tender Results – 2020 Road Construction Projects - Report
Resolution PW20200227.008
MOVED: by Councillor D. Woitt
that Council award the contract for 2020 Road Construction Projects - Grading, Slope Repairs and Other Work for Township Road 464 (Deuce Auto Road) from Range Road 73 to Hwy 22 (4.91 km); and Range Road 232 (Sod Farm Hill Road) - to Prairie North Construction Ltd. in the amount of $1,367,620 and approve total project costs of $1,457,000 which is inclusive of contract costs, engineering, bonuses and contingencies.

Carried Unanimously

6. INFORMATION ITEMS

7. ADJOURN
Resolution PW20200227.009
MOVED: by Councillor K. Rooyakkers
that the Council for Public Works meeting be adjourned at 9:44 a.m.

Carried Unanimously

________________________________________
REEVE

________________________________________
CHIEF ADMINISTRATIVE OFFICER
<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Project</th>
<th>Description</th>
<th>Location</th>
<th>Eng</th>
<th>Contract Payments</th>
<th>Equip</th>
<th>Labour</th>
<th>Gravel</th>
<th>Supplies</th>
<th>To Reserve</th>
<th>PROJECT TOTAL</th>
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<tbody>
<tr>
<td>CW-RUA</td>
<td>PWCW3763</td>
<td>RR 73 (TR473-HWY13)</td>
<td>TR473 TO HWY13 (13 miles)</td>
<td>30,654</td>
<td>38,825</td>
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<td>CW-RUA</td>
<td>PWCW3764</td>
<td>TR 470 (RR75-RP73)</td>
<td>RR75 TO RR73 (2 miles)</td>
<td>2,772</td>
<td>5,970</td>
<td>8,742</td>
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<td>CW-RUA</td>
<td>PWCW3765</td>
<td>RR 75 (TR470-TR460)</td>
<td>TR470 TO TR460 (6 miles)</td>
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<td>17,913</td>
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<td>CW-RUA</td>
<td>PWCW3766</td>
<td>Transfer to PW CW Operating Reserves</td>
<td>Division 7</td>
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<td>382,580</td>
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<td>RRP: MSI</td>
<td>PW2107</td>
<td>G3 Resource Road (TR 460 &amp; RR 240)</td>
<td>Hwy 2a to RR 240; RR 460 to Hwy 80</td>
<td>185,000</td>
<td>1,600,000</td>
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<tr>
<td>ACRP</td>
<td>PW2303</td>
<td>SE and Area Stormwater Upgrades</td>
<td>Divisions 1,3 and Ermainskin</td>
<td>150,000</td>
<td>1,000,000</td>
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<td>MSI: CAP 0793</td>
<td>PW2655</td>
<td>Multuron Bay Pavement Upgrades</td>
<td>Drainage Upgrades</td>
<td>15,000</td>
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<td>OPS/IDP</td>
<td>PW2659</td>
<td>Norris Beach Road (RR 11) IDP Pavement Upgrade</td>
<td>Hwy 13 to Crystal Springs</td>
<td>50,000</td>
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<td>PW2560</td>
<td>Lakehead Road (RR 12) IDP Pavement Upgrade</td>
<td>Hwy 13 to Crystal Springs</td>
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<td>50,000</td>
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<td>Buck Lake Pavement Upgrades</td>
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<td>DRR/RES</td>
<td>PW2736</td>
<td>Rose Creek Road (2019 West Flood)</td>
<td>TR 460 (NW 31-46-7 W5M)</td>
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<td>DRR/RES</td>
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<td>RR 70A (2019 West Flood)</td>
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<td>DRR/RES</td>
<td>PW2740</td>
<td>RR 461 Culvert Replacement (2019 West Flood)</td>
<td>NE 6-46-7 W5M</td>
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<td>150,000</td>
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<td>-</td>
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<tr>
<td>FRR/ N</td>
<td>PW2741</td>
<td>RR 63 Pavement Overlay and Other Work (2.6 km)</td>
<td>From Hwy 13 to 2nd Ave W</td>
<td>45,000</td>
<td>800,000</td>
<td>845,000</td>
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<td>382,580</td>
<td>5,264,847</td>
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### BRIDGE WORK

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<th>Funding Source</th>
<th>Project</th>
<th>Description</th>
<th>Location</th>
<th>Eng</th>
<th>Contract Payments</th>
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<th>Gravel</th>
<th>Supplies</th>
<th>To Reserve</th>
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<td>OPS</td>
<td>PW BF7393</td>
<td>Misc Bridge Work - County Crews</td>
<td>Various Sites</td>
<td>10,000</td>
<td>15,000</td>
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<td>PW BF7403</td>
<td>2020 Bridge Maintenance Contract</td>
<td>Various Sites</td>
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<td>DRR</td>
<td>PW BF7450</td>
<td>Replacement - 2018 Flood</td>
<td>RR 76A</td>
<td>100,000</td>
<td>862,000</td>
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<tr>
<td>OPS</td>
<td>PW BF7453</td>
<td>New Jim Bob as per Interplan</td>
<td>Stored for Future Use</td>
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<td>-</td>
<td>-</td>
<td>120,000</td>
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<tr>
<td>OPS/IDP</td>
<td>PW BF7312</td>
<td>Replacement</td>
<td>Norris Beach Road (RR 11)</td>
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<td>FGT</td>
<td>PW BF7873</td>
<td>Replacement</td>
<td>SW 27-46-3 W5M</td>
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<td>590,000</td>
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<td>FGT</td>
<td>PW BF7375</td>
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<td>RR 76: NE-18-46-7 W5M</td>
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<td>703,000</td>
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<td>-</td>
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<td>FGT</td>
<td>PW BF9191</td>
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<td>RR 263: NE16-46-26-4W4M</td>
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<td>706,400</td>
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<td>15,000</td>
<td>-</td>
<td>127,500</td>
<td>3,720,200</td>
<td>(26,667)</td>
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### 3203: FUNDED PROJECTS TOTAL

986,000 | 7,401,282 | 10,000 | 15,000 | 62,685 | 127,500 | 382,580 | 8,985,047 | -475,913 | -6,652,700 | -1,121,434 | 735,000

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3203: PW Funded Projects

2020 BUDGET

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https://wetcounty10.sharepoint.com/sites/County10/Shared Documents/1 County/1201 Administration/BUDGETS/Budget 2020/2020 Public Works/2020 PW Master Budget 2020.01.16

Funded Projects

Page 6 of 57
The rapid development of COVID-19 as a full-blown epidemic is unprecedented in my career and will test our organization and that of our community. The County provides essential services that will remain in full capacity unless sickness of our staff and lack of resources dictates otherwise. All efforts to keep oneself healthy and available for service are being employed.

The priority of our commitments begins with provision of water and wastewater services which must not be allowed to falter. There are many support agencies critical to our provision of water and sewer services and includes power, communications and chemical supplies. We can provide backup power at most sites and will take stock of our chemical supplies. It may be necessary to issue boil water orders if the quality of the potable water falls below acceptable standards. Over the next few days and weeks, alternate staff members will be given water and wastewater training in the event our Operators are stricken with COVID-19 and are therefore restricted to their homes for recovery.

All efforts to keep the roads maintained and safe for travel will remain. The patrol operators are naturally isolated due to their conditions of work. The snowplows and sanding operators can work relatively independently as well. Restrictions and protocol are in place to limit outside visitors, salesmen and suppliers to the shop.

Precautionary measures will affect our daily work efficiency and work schedules. The situation changes daily, and the effects of a worldwide shutdown will impact us significantly as the weeks progress.

PUBLIC WORKS:

Fleet:

The following items were purchased in February through the Source Well program:

- Two 2020 Cat 150 Motor Graders to replace MG 01 & MG 03 for $424,956 + GST each from Finning Canada

- One 2021 Kenworth Tandem Gravel Truck to replace T3612 from Edmonton Kenworth in the amount of $272,551 +GST.
**Capital Projects and Operations:**

It is expected that COVID-19 will affect every person and organization. However, the ongoing and planned capital projects are proceeding. How the pandemic will affect the timing and delivery of materials, and available labour to perform the work, remains to be seen. It is expected that there will be delays due to the worldwide shutdown.

Operations will proceed as planned in the County. Our slated maintenance and repair projects will proceed unless otherwise directed. Due to the ongoing cold weather, brushing will likely continue to the end of March and sanding and snowplowing operations will occur as needed.

**UTILITIES:**

**Drinking Water Lead Monitoring Program and Mitigation:**

On February 19, 2020, the Utilities team met with two officials from Alberta Environment and Parks. The purpose of the meeting and presentation was to give the County a supportive consultation regarding changes implemented by Health Canada regarding the maximum allowable concentration (MAC) of lead in drinking water. Two significant changes are now noted in the Guidelines for Canadian Drinking Water Quality.

1. Reduction of the maximum allowable concentration (MAC) of lead in drinking water from 10 micrograms per litre to 5 micrograms per litre.

2. The point of compliance (i.e. County responsibility) is now at the customers tap and not at the property line.

The management of lead in our water treatment and end point distribution systems is to be conducted in two phases.

1. **Phase 1:** Involves planning, communication and assessment. This is required to be done by the end of 2021.

2. **Phase 2:** Mitigation. Mitigation will build off what was determined in Phase 1 and will employ the necessary measures to reduce lead limits drinking water. To be fully employed by 2024.

This program will have a significant impact on the County’s resources. Namely, Phase 1 will require efforts from all Utility team members with respect to the development of a plan, communication strategy, assessment and laboratory testing.
Utilities is currently developing a plan that will address all the requirements under Phase 1. This plan will be presented to council as a unique report so that Council is fully aware of its implications and how it will affect County operations, budget, communication, and public awareness.

**Alder Flats Wastewater Collection System Expansion**

Work is underway on the Alder Flats Wastewater Collection System Expansion project. Initial work will concentrate on the construction of the lift station and relocation and installation of new power and gas utilities.

**Garbage Collection Services**

The beginning of March 2020 was the transition from County provision to NuLine Waste Solutions regarding waste collection services in the areas of Mulhurst and Curilane Beach. Invoices have been sent for January-February billing period indicating the new $20 charge per month; included is an explanation of the cost increase. The new rate affects every County customer receiving the waste collection service.

**Paper Recycling Services**

The current three-year contract for paper recycling services with Allied Paper Savers Inc (APS) will terminate at the end of March 2020. Recently, Allied Paper submitted a new proposed contract which resulted in a 16% annual increase from the previous rates.

Administration conducted a 1 and 5 year cost benefit analysis to determine the effectiveness of the paper recycling program. The results are as follows:

For the 5-year period 2015-19, the total cost for paper recycling (via APS) was $45,409 to collect 89.24 tonne of paper. In turn, the County received $1,558 in paper recovery revenue. Therefore, the net cost for paper recycling over the five-year period was $43,851 or an average of $491.38 per tonne.

In 2019, the County costs (via APS) was $10,521 to collect 14.68 tonne of paper. As the paper was mixed, there was no payment; therefore, the average cost in 2019 was $716.69 per tonne. Note: the average cost per tonne for the County to haul waste to WDML landfill was $115.87.

For 2020, Allied Paper Savers Inc proposes an increase to their fees totalling $12,206 for the year. Considering that there will likely be about 15 tonne of paper collected overall and no paper payment, the total net cost of paper recycled in 2020 will be $12,206. Therefore, the average expected cost in 2020
will be $813 per tonne. Conversely, the County can haul 15 tonne of paper to WDML landfill for a total cost of $1,770; or $118 per tonne.

The decision to cancel the paper recycling program with APS is obvious as the economy of paper recycling does not make good business sense. Administration is fully committed to a comprehensive and viable paper recycling program; however, the current market and recycling options do not support viable paper recycling.

Administration’s decision is purely economical as the cost to recycle paper far exceeds any reciprocal value. Essentially, it is much cheaper to haul the paper to a landfill (WDML) or even just to burn on site. Noting this, Administration will continue to explore viable options for paper recycling. A notice regarding the cancellation of the paper recycling service will be added to the County website and will be posted at each transfer station.
The rapid development of COVID-19 as a full-blown epidemic is unprecedented in my career and will test our organization and that of our community. The County provides essential services that will remain in full capacity unless sickness of our staff and lack of resources dictates otherwise. All efforts to keep oneself healthy and available for service are being employed.

The priority of our commitments begins with provision of water and wastewater services which must not be allowed to falter. There are many support agencies critical to our provision of water and sewer services and includes power, communications and chemical supplies. We can provide backup power at most sites and will take stock of our chemical supplies. It may be necessary to issue boil water orders if the quality of the potable water falls below acceptable standards. Over the next few days and weeks, alternate staff members will be given water and wastewater training in the event our Operators are stricken with COVID-19 and are therefore restricted to their homes for recovery.

All efforts to keep the roads maintained and safe for travel will remain. The patrol operators are naturally isolated due to their conditions of work. The snowplows and sanding operators can work relatively independently as well. Restrictions and protocol are in place to limit outside visitors, salesmen and suppliers to the shop.

Precautionary measures will affect our daily work efficiency and work schedules. The situation changes daily, and the effects of a worldwide shutdown will impact us significantly as the weeks progress.

PUBLIC WORKS:

The weather remained cold well into April with frequent snowfalls and very little snow melt. These conditions set up perfectly for a windstorm that caused significant drifting over all regions of the County. It took the crews several days to clear the snow from the roadway and a few more days to wing the drifts back.
The weather started to warm around Easter which started daytime melting, followed by nighttime freezing. The major snow melt (Spring Thaw) began in earnest April 17 and the County experienced regional flooding April 18-23rd. This is a particularly bad year due to the snowpack, drifting and ice conditions. To date, there has been several occurrences of road breach and erosion, centreline culvert fail and road washouts.

The high-water flows created very high levels in our creeks and rivers. Again, the conditions this year resulted in top of bank flooding compiled with significant ice flows. The Sod Farm Hill bridge was nearly lost to an ice and log jam. Crews worked late in the evening to remove the material.

The calls from the public are appreciated and PW attempts to respond to all calls as quickly as possible.
When a culvert fails, it creates a very dangerous condition. Reports of these are responded to immediately. However, to cover the entire County at once is difficult.

Each site that experiences a road breach or centreline fail will be evaluated for upgrades. The upgrades include installation of a proper sized and placed culvert, ditching, and adjustments to the overall road elevation (i.e. raising the grade). As many of these sites are repeat offenders, PW will attempt to upgrade as many as possible given the time and budget constraints.

Fleet:

The following items were purchased in February through the Source Well program:

- Two 2020 Cat 150 Motor Graders to replace MG 01 & MG 03 for $424,956 + GST each from Finning Canada
- One 2021 Kenworth Tandem Gravel Truck to replace T3612 from Edmonton Kenworth in the amount of $272,551 +GST.

The following capital purchases were made through Executive Limitations Policy #1905:

- 2020 Mower Blade Supply (RFQ) – purchased from Martin Deereline for $5,268.30
- M1020 ~ 2020 Degelman 15 Foot Mower & Side Arm – purchased from Martin Equipment for $59,531.22 (RFQ)
- M1120 ~ 2020 Degelman 10 Foot Mower & Herbicide Application Kit purchased from Hi Line Farm Equipment for $48,500 (RFQ)
- TR4020 ~ Utility Trailer ~ 2020 Trailtech Utility Trailer purchased from Flaman Group of Trailers for $5,675.00 (RFQ)
- SPR02 ~ Nurse Trailer ~ 2020 Trailtech Tandem Trailer purchased from Flaman Group of Companies for $9,916.00 (RFQ)
Two (2) Fuel Tanks purchased from Wetaskiwin Co-op Association for $5,790.00 + GST (Sole Source)

Capital Projects and Operations:

It is expected that COVID-19 will affect every person and organization. However, the ongoing and planned capital projects are proceeding. How the pandemic will affect the timing and delivery of materials, and available labour to perform the work, evolves daily. It is expected that there will be delays due to the worldwide shutdown and interruption of supplies and deliveries.

Bridge File 8191 in Division 3 is primarily complete. Remaining work includes site cleanup, grooming and seeding, and will be completed in the Spring.

Bridge File 71375 in Division 7 is 80% complete. The work should be substantially complete by the end of April where the new crossing will be operational, and the bypass detour is removed.
Drinking Water Lead Monitoring Program and Mitigation:

On February 19, 2020, the Utilities team met with two officials from Alberta Environment and Parks. The purpose of the meeting and presentation was to give the County a supportive consultation regarding changes implemented by Health Canada regarding the maximum allowable concentration (MAC) of lead in drinking water. Two significant changes are now noted in the Guidelines for Canadian Drinking Water Quality.

1. Reduction of the maximum allowable concentration (MAC) of lead in drinking water from 10 micrograms per litre to 5 micrograms per litre.
2. The point of compliance (i.e. County responsibility) is now at the customers tap and not at the property line.

The management of lead in our water treatment and end point distribution systems is to be conducted in two phases.

1. **Phase 1:** Involves planning, communication and assessment. This is required to be done by the end of 2021.
2. **Phase 2:** Mitigation. Mitigation will build off what was determined in Phase 1 and will employ the necessary measures to reduce lead limits drinking water. To be fully employed by 2024.

This program will have a significant impact on the County’s resources. Namely, Phase 1 will require efforts from all Utility team members with respect to the development of a plan, communication strategy, assessment, and laboratory testing.

Utilities is currently developing a plan that will address all the requirements under Phase 1. This plan will be presented to council as a unique report so that Council is fully aware of its implications and how it will affect County operations, budget, communication, and public awareness.

Garbage Collection Services

The beginning of March 2020 was the transition from County provision to NuLine Waste Solutions regarding waste collection services in the areas of Mulhurst and Curilane Beach. Invoices have been sent for January-February billing period indicating the new $20 charge per month; included is an explanation of the cost increase. The new rate affects every County customer receiving the waste collection service.
2020 Toxic Roundup

The Toxic Roundup held each year at Millet and Lakedell is scheduled for June. This effort is considered part of solid waste collection and an essential service. The methods for the collection and disposal should fall in line with COVID-19 physical distancing. The public will be aware of these rules and the collection should proceed without issues.

Alder Flats Wastewater Collection System Expansion

Work is underway on the Alder Flats Wastewater Collection System Expansion project. Initial work is on the gravity and forcemain installation which will be followed by the lift station.

Winfield Fire Pump

A new fire pump has finally been installed at the Winfield water treatment plant. The replacement of the former high flow pump was delayed by many varying and compounding reasons; however it is replaced and is working well.
As per the Commercial Vehicle Inspection Program (CVIP), the following unit was inspected for County Service:

- TR2620 – 2020 Cross Country Clam Trailer

The following vehicle was prepared for County service:

- T8720 – 2020 Kenworth T800 Roll-off Truck
Warranty repairs were completed on the following units:
- MG 1717 – 2017 Caterpillar 160M Grader - Seat switch and hydraulic steel line
- MG0418 – 2018 Caterpillar 160M Grader AWD - Replace hydraulic steel line

As per the Commercial Vehicle Inspection Program (CVIP), the following units were inspected for County Service:
- T3918 – 2018 Kenworth T800
- TR3915 – 2015 Centerline Tridem Clam
- TR0212 – 2013 Felling Flatdeck Trailer
- T3612 – 2012 Kenworth T800
- T4815 – 2015 Ford F550 4x4
- TR3716 – 2016 Cross Country Quad Axle Wagon
- T8420 – 2020 International MV6074X2
  - Along with the CVIP for T8420 a stability test was also done to certify the knuckle boom truck.

The following vehicles were prepared to go to auction:
- T3107 – 2007 International Roll off truck - SF647
  - This truck is ready for auction, but it probably won’t sell until the June auction because of limited bidders due to Covid 19 protocols.
• On January 31, 2020 there was a preconstruction meeting regarding the Alder Flats wastewater collection system held at the County Public Works office with WSP Engineering, PW Director, Utility Staff and UG Contractor in attendance.

• The Annual Provincial Water reports for 2019 were compiled by Sharlene Boos, with technical review completed by Utility Operator Rowen Schuldhaus. Five wastewater annual reports were completed and submitted.

• Federal wastewater reporting completed for Mulhurst and Alder Flats lagoons.

• Trihalomethane (THM) sampling (organics in water that is chlorinated create THMS) was completed and the results are all below 100 parts per billion (Drinking Water Guidelines limit).

• A new Provincial requirement has been incorporated - Lead sampling in homes: An orientation meeting was held on Feb 19 at County Office with Utility Staff, PW Director, Administrative support staff, and Provincial drinking water officials - Win Tun and Jaclyn Roulston. Discussion included:
  o Lead in drinking water sampling protocols,
  o public awareness and other requirements reviewed.

  The Lead sampling bottles were ordered Feb 27 from Caro Labs, Edmonton.

• Falun Elementary and High School Lift Station heaters/air exchangers were repaired as one pump discharge line in each station had been freezing. New fans and firmware were installed.
• On February 10, WSP engineering, Master electrician, and Utility Operator were troubleshooting South Side Lift 1 Generator, trying to get the Generator to run one pump. After testing and adjustments, later in the week South Side 1, Pump 2 Drive began to fault - erratic Pump 2 failures.

• On Feb 14 there was a Communications failure at Gwynne Sewer Lift. Restored February 15.

• Monday Feb 24, Telus line failure to South Side 1 - No Alarm communication from station. South Side 1 Station checks have been initiated - checked twice daily.

• Thursday Feb 27 Utility Operator and WSP electrician Kenton adjusted drive settings Pump 2 to eliminate erratic fault/fail to start. Telus technician troubleshooting South Side 1 phone/no alarms. Problem is two of two Telus lines outside station bad. Phone line being repaired by Telus on Friday, Feb 28.

• Winfield high flow pump, supplied by Aquatec, Calgary – pump discharge pipe still held up at the supplier/machine shop in Calgary.

• Working on Winfield continuous chlorine analyzer - erratic false low chlorine alarms. Replaced instrument with loaner from WJF instruments. Replacement instrument also erratic, false low chlorine alarms. Our instrument works fine at instrument shop in Calgary. Next step pound ground rods in to reduce building electrical impedance to ground to 5 ohms or below. Alberta first call locates called for ground rods outside pumphouse.

• On-line continuous chlorine analyzer Data loggers for four water stations, non-functional since July 2019 when there was a County software upgrade. Data transfer if being completed for Provincial reporting as is “patched” but labour intensive. Contacted "Know it Sooner” (Millet) computer software consultants/trainers for solution review.
**Incidents**

- Feb 7 - Utilities pick up truck slid off berm and was stuck at Mulhurst lagoon.

- Feb 25 - Customers cell phone was dropped at transfer station while the phone was being transferred to the attendant and back to view Transfer Station card on phone. All attendants will be informed not to handle customers phones.

- Feb 22 - Upon arrival at the Gwynne Transfer Station, the attendant noticed that the gate lock was missing. There was no apparent damage or theft.

- Feb 25 - Before midnight a trespasser was reported at the Buck Lake Transfer Station, but they were gone when RCMP arrived. No damage or theft detected. Security review underway.
- Winter road maintenance continued to be performed due to snow, freeze/thaw cycles creating icy road conditions.

- Arranged Right-of-Entry agreements as applicable for various landowners for continuation of the 2020 East End Brushing Program.

- Commenced & completed portions of the 2020 East End Brushing Program.
  - RGE RD 235 (North of TWP 450) Completed (ash/stumps to be removed in spring of 2020)
  - TWP 465 (SH 795 – RGE RD 273) Completed (ash/stumps to be removed in spring of 2020)
  - RGE RD 252 (South of TWP 461A) Completed (ash/stumps to be removed in spring of 2020)
  - RGE RD 260 (North of TWP 471) Underway

- Multiple staff attended one-day course of Overhead Crane & Rigging training.

- Multiple staff attended one-day course of Knuckle Boom Crane training.

- Various staff attended Defensive Driving course.

- Various staff were re-trained in First Aid.

- Staff prepared equipment (Hotsy steamer units) for spring thaw/melt/run-off.

- Staff completed “Task Lists” for the purposes identifying potential hazards related to various tasks/procedures related to their jobs. These lists will be used to update Safe Work Procedures & Hazard Assessments.

- Ongoing signage installation, garbage pick-up, hand-brushing, tree removal, etc.
DIVISION 1-5 (EAST END) ROAD FOREMAN REPORT – MARCH 2020

- Winter road maintenance continued to be performed due to snow, freeze/thaw cycles creating icy road conditions.
- Commenced & completed portions of the 2020 East End Brushing Program:
  - RGE RD 260 (North of TWP 471) Completed (ash/stumps to be removed in spring of 2020)
- Applied & bladed 40mm minus crushed limestone aggregate to a problematic soft spot on RGE RD 280 south of HWY 616. This portion of roadway will be monitored for effectiveness of the treatment.
- Various staff commenced “cross-training” with the Utilities Department (Water Treatment Plants & Sanitary Sewerage Lift Stations) in preparations for anticipation of reduced staff numbers due to the COVID-19 pandemic.
- Various staff commenced “cross-training” with regards to Transfer Station garbage collection (Roll-off & Compaction Trailer) in preparations for anticipation of reduced staff numbers due to the COVID-19 pandemic.
- Introduced evolving protocols with regards to Alberta Health Services COVID-19 recommendations such as physical distancing, covering coughs/sneezes, disinfection of common surfaces/equipment/trucks, stay-at-home requirements, etc.
- Various staff assisted the Heavy-Duty Mechanic with CVIP procedures to several County fleet truck/trailer units.
- Sign/Crane Truck continued to be readied for use including a third-party Stability Test.
- Started weighing units & trailers over 1 tonne capacity for TARE/NET purposes.
- Several staff commenced locating probable frozen culverts & opened inlets/outlets as applicable with the anticipation of a rapid thaw event due to excessive seasonal snow accumulation.
- Hired third-party crew to repair an erosion issue adjacent to the creek in Ganske Subdivision. Rip-rap was applied & installed using N. Powell’s design. The contractor was responsible for identifying any fish habitat or environmental concerns & gain approvals prior to work commencing.
- Filled both Calcium tanks at the County Quarter for up-coming dust control applications.
- Ongoing signage installation, garbage pick-up, hand-brushing, tree removal, etc.
• Stockpiled gravel at Winfield transfer station.
• Finished brushing on TWP RD 450 west of HWY 22.
• Finished brushing on TWP RD 462 east of RGE RD 63 to Avalon Wynd.
• Started thawing some culverts.
• Dug out ice from a ditch on RGE RD 42 north of TWP RD 460 due to a spring.
• Snowplowed and sanded all the paved and oiled roads.
• Snowplowed and scraped ice from all the gravel roads.
• Hauled sand and salt from Wetaskiwin to fill our sand shed at Winfield.
• Started hauling patch gravel to bad spots on gravel roads.
• Repaired and maintained all our vehicles and equipment.
• Kept the shop clean and organized.
With the lovely weather the guys were still snowplowing and sanding all the county roads.

On the few nice days we had, they had to thaw some culverts.

They finished stockpiling at Winfield transfer station.

They hauled some gravel to Buck Lake transfer station stockpile to get through the spring until it can be completed later in the year.

More winter sand was hauled to the sand shed at Winfield.

The fuel slip tank in T8119 was replaced due to leaking from being 16 years old.

They did maintenance and repairs on vehicles and equipment.

New racks were built for skid steer equipment so it can be stored out of the weather.

They built racks and hangers for tools and supplies in the shop to make jobs safer and more efficient.

And did daily cleaning and organizing to help stop the spread of COVID.

All while I sat on the beach in Mexico and did my self isolation at home.

Back to whatever normal is.
The following Right of Entry Agreements were signed in the month of February to allow the County crews to brush fence line and pile wood and debris:

- Brown, Darl & Sharon Lois – NE 26-46-27 W4M
- Cummings, John – SW 35-46-27 W4M
- Barber, Travis & Creurer, Elizabeth – SW 35-46-27 W4M
- Strohschein, Robert & Michelle – SW 11-46-25 W4M
- Pohl, Donald – NE 10—46-25 W4M

The following Right of Entry Agreement was signed in the month of February to allow the County crews to complete culvert repair and erosion repair at Sod Farm Hill Road (RGE RD 232):

- Quinn, Kevin & B. Dale – NE 3-47-23 W4M
### Data Compilation - Transfer Stations

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**SOLID WASTE HAUL DATA REPORT - FEBRUARY 2020**

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NOTE:
10 loads of ash removed form Lakedell burn pit (52,390kg). Ash removal now complete.
### WEST DRIEDMEAT LAKE

**Data Compilation - Transfer Stations**

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<td>January</td>
<td>263</td>
<td>7</td>
<td>22,429</td>
<td>636</td>
<td>12</td>
<td>44,506</td>
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<tr>
<td>February</td>
<td>293</td>
<td>4</td>
<td>15,053</td>
<td>679</td>
<td>8</td>
<td>24,312</td>
<td>309</td>
</tr>
<tr>
<td>March</td>
<td>287</td>
<td>8</td>
<td>23,963</td>
<td>694</td>
<td>11</td>
<td>38,846</td>
<td>303</td>
</tr>
<tr>
<td>TOTALS</td>
<td>833</td>
<td>19</td>
<td>61,445</td>
<td>2009</td>
<td>31</td>
<td>107,664</td>
<td>875</td>
</tr>
</tbody>
</table>

**Note:**

Crystal Hofforth, Bear Hills Transfer Station Attendant, was given additional duties at the end of March to monitor all transfer stations to ensure COVID messaging & supplies are present at each site and safety compliance is being met.
ROAD USE AGREEMENTS – FEBRUARY 2020

The following Road Use Agreements were processed by PW Administration:

<table>
<thead>
<tr>
<th></th>
<th>Initiated</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrity</td>
<td>0</td>
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</tr>
<tr>
<td>Log Haul</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Pipeline</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Road Maintenance</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Tele Comm</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Wellsite</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>14</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

ROADDATA – FEBRUARY 2020

There were 190 permits issued by Roadata regarding the use of County of Wetaskiwin roads.

There were 89 Travis MJ permits issued for a total amount of $1,290.50 plus GST.

There were 6 RDS Inspection Service Charges for a total of $126.00.
The following totals were submitted by GP Road Inspections for the month of February 2020.

<table>
<thead>
<tr>
<th>Pre-Inspections</th>
<th>Post-Inspections</th>
<th>Approach Inspections</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>

*Two-year Contract with Christine Patten, operating as GP Road Inspections - 820513406 Alberta Ltd., effective March 1, 2019 to February 28, 2021. (Ref. Resolution PW20190129.007)
GP ROAD INSPECTIONS – MARCH 2020

The following totals were submitted by GP Road Inspections for the month of March 2020.

<table>
<thead>
<tr>
<th>Pre-Inspections</th>
<th>Post-Inspections</th>
<th>Approach Inspections</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

*Two-year Contract with Christine Patten, operating as GP Road Inspections - 820513406 Alberta Ltd., effective March 1, 2019 to February 28, 2021. (Ref. Resolution PW20190129.007)
<table>
<thead>
<tr>
<th>SRM #</th>
<th>Status</th>
<th>Request</th>
<th>Location</th>
<th>AssignedToName</th>
</tr>
</thead>
<tbody>
<tr>
<td>1587</td>
<td>Assigned</td>
<td>Requested by Councillor L. Seely to extend the street lighting to the intersection of RGE RD 63 and Lakeshore Drive in the Hamlet of Buck Lake as per Strat Plan discussions.</td>
<td>Hamlet of Buck Lake</td>
<td>Murfitt, Daryn</td>
</tr>
<tr>
<td>1856</td>
<td>Assigned</td>
<td>RGE RD 254 South of HWY 616 had been graded and Councillor J. Bishop travelled the road the next morning. It was in better shape but still appears to have the same issues it did when the work order was put in during the spring. That being the fact that the pot holes and washboard are not being removed but cut half way down and then filled in. It takes very little time before the loose gravel comes out of the holes and returns to the same condition. Some areas looked as though they were not done at all the very next morning. Please investigate the condition of this section of road.</td>
<td>RGE RD 254 South of HWY 616</td>
<td>Vikse, Dallas</td>
</tr>
<tr>
<td>1932</td>
<td>Hold</td>
<td>Councillor J. Bishop reported that east from Pipestone School the road has major frost boil issues with black dirt mounds developing along the road. Administration is to advise Council of the plan to address this problem.</td>
<td>East of Pipestone School on TWP RD 472.5</td>
<td>Vikse, Dallas</td>
</tr>
<tr>
<td>1980</td>
<td>Assigned</td>
<td>Councillor Rooyakkers has a concern with TWP472 west of Hiway 20 then south on RR42, all the recent gravel is in the ditch (there is no crown) and consequently the road is in very poor shape due to the amount of rain. Secondly, the culvert on TWP470 east of RR42 which was just replaced is washing out. Please investigate and report to me as soon as time permits.</td>
<td>RGE RD 42 south of TWP RD 472</td>
<td>Murfitt, Daryn</td>
</tr>
<tr>
<td>1993</td>
<td>Assigned</td>
<td>Councillor Woitt was approached by Clarence Claerhout (NW-29-46-24W4) about RR245. He thinks the road is too narrow as a Triple A painting truck went in the ditch. Also he reported that a grader operator had hit the ditch in the winter. Please investigate as time permits.</td>
<td>RGE RD 245, South of TWP RD 470</td>
<td>Vikse, Dallas</td>
</tr>
<tr>
<td>2051</td>
<td>Assigned</td>
<td>Councillor Adair received the following email: Regarding my tax dollars wasted on marking the road for repairs last year and still nothing has been done. On April 25th, May 22 I sent e-Mails to you in regards repairing the road, I then called you on June 26 and you stated you would get back to me. It is now August 6th and I am still waiting. I find your attitude Very unprofessional and this is a blatant disregard for a voting member of this community. I would appreciate some sort of response out of your duty as My councillor. I have cc’d this to the Reeve in hopes that maybe Terry can respond as you apparently have refused too. Thank you Irene Demskie Dallas - Please advise if any upgrades have been done in Mulhurst Estates.</td>
<td>39th street Mulhurst Estates</td>
<td>Vikse, Dallas</td>
</tr>
</tbody>
</table>

**PW Comment**

- Documents have been sent to Fortis to proceed with the installation. The project will cost of $8,000.
- PW Comment: An issue prevalent in the Pipestone area with boulders in the road subgrade. The Patrol Operator also complains about the presence of boulders that make it difficult to blade and shape the road. Another solution is to bench the road down 400 mm and cover with a clay cap. The clay cap would provide a suitable base to blade and help to suppress the boulders from rising through the subgrade. It will be considered during the 2020 budget process. Previously, PW has scarified and removed rocks on this road and this could be done again in 2020.
- This road segment will be scheduled for repair in 2020 (budget permitting). Work will involve deep subgrade repair and removal of black soil and tree compost. PW will work with the adjacent landowners to secure material for the upgrade. Neil and Dallas have measured the road surface width and it meets county standards (7.3m wide). County crews are planning to repair the ditch & bring the sideslope to current standards. This was not completed in 2019 due to weather and staffing resources. Will be completed in Spring 2020.
- The culvert on RGE RD 42 south of TWP 470 will not be repaired until 2020 due to wet conditions.
- This road segment will be scheduled for repair in 2020 (budget permitting). Work will involve deep subgrade repair and removal of black soil and tree compost. PW will work with the adjacent landowners to secure material for the upgrade. Neil and Dallas have measured the road surface width and it meets county standards (7.3m wide). County crews are planning to repair the ditch & bring the sideslope to current standards. This was not completed in 2019 due to weather and staffing resources. Will be completed in Spring 2020.
- D. Vikse, East-end Foreman reports that he measured the road surface width and it meets county standards (7.3m wide). County crews are planning to repair the ditch & bring the sideslope to current standards. This was not completed in 2019 due to weather and staffing resources. Will be completed in Spring 2020.
- This road segment will be scheduled for repair in 2020 (budget permitting). Work will involve deep subgrade repair and removal of black soil and tree compost. PW will work with the adjacent landowners to secure material for the upgrade. Neil and Dallas have measured the road surface width and it meets county standards (7.3m wide). County crews are planning to repair the ditch & bring the sideslope to current standards. This was not completed in 2019 due to weather and staffing resources. Will be completed in Spring 2020.
<p>| Assigned/Assigned | Mr. Buskas contacted Councillor Krahn again about a culvert within an approach north of his farmsite (roll #7201 - SW-18-44-22W4) that has &quot;rotted&quot; and needs replacing. It is possible that Dallas tried to inspect earlier this year but the approach/culvert may have been under water. Please create SRM and have it inspected again. Mr. Buskas phone number is 780-352-1077. | SW-18-44-22 W4 | Vikse, Dallas |
| Assigned | Councillor Adair contacted by Cliff Stone Email from Rod: Councillor Adair was contacted by Cliff Stone about stumps and rocks in ditch in the area where road work was completed. The location is NW-24-45-28W4 and there was a possible right of entry agreement. Please investigate and respond. | NW 24-45-28 W4M | Vikse, Dallas |
| Assigned | Councillor Seely attended the Sunset Bay Community Group meeting last night and the following item came out of it: Roll # 409524 - Lot 3, Block 11 (Kary Picklyk) complained that the MR on the north of his property was not draining to the west and as a result, the water was flooding his property. Please investigate and provide any information. Kerry Picklyk (780-542-6403) | 340, 461032 Hwy 13, Sunset Bay | Murfitt, Daryn |
| Assigned | Councillor Bill Krahn received a complaint from Laverne Buchert (see SRM 1987) about no gravel on road and trucks are hauling to G3. Please investigate the need for gravel and contact Mr. Buchert with plan of action for that road. In July, the grader operator was supposed to do a lip pull to help shape the road. Mr. Buchert's phone number is 780-387-1257. | TWP RD 460 - G3 Route | Vikse, Dallas |
| Assigned | Intersection at TWP 470 and RR 273 reported as ‘needing some attention’ through Councillor Adair by a ratepayer. | TWP 470 - RR 273 | Vikse, Dallas |
| PW Comment | The road was inspected and there will be improvements/repairs made due to base failure. In September 2019, a limestone/clay mixture was used, with a road crush applied for winter. PW plans to patch the repaired areas with cold-mix asphalt in 2020. |  |
| PW Comment | Director of Public Works and East End Road Foreman inspected culvert on September 19, 2019. The visible end is significantly rusted. This culvert will be added to the culvert replacement program in 2020 as its condition is not compromising access yet. |  |
| PW Comments | D. Vikse will investigate after Spring thaw. |  |
| PW Comments | Excess water in 2019 caused many flooding issues |  |
| PW Comments | Construction to resume Spring 2020 by Iron Addicts / ROHI Eng. |  |
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<td>Vikse, Dallas</td>
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<td>Councillor Adair received the following email: Regarding my tax dollars wasted on marking the road for repairs last year and still nothing has been done. On April 25th, May 22 I sent e-Mails to you in regards repairing the road, I then called you on June 26 and you stated you would get back to me. It is now August 6th and I am still waiting. I find your attitude Very unprofessional and this is a blatant disregard for a voting member of this community. I would appreciate some sort of response out of your duty as My councillor. I have cc’d this to the Reeve in hopes that maybe Terry can respond as you apparently have refused too. Thank you Irene Demskie Dallas - Please advise if any upgrades have been done in Mulhurst Estates.</td>
<td>39th street Mulhurst Estates</td>
<td>Vikse, Dallas</td>
</tr>
</tbody>
</table>

**PW Comment**

- Documents have been sent to Fortis to proceed with the installation. The project will cost of $8,000.
- An issue prevalent in the Pipestone area with boulders in the road subgrade. The Patrol Operator also complains about the presence of boulders that make it difficult to blade and shape the road. Another solution is to bench the road down 400 mm and cover with a clay cap. The clay cap would provide a suitable base to blade and help to suppress the boulders from rising through the subgrade. It will be considered during the 2020 budget process. Previously, PW has scarified and removed rocks on this road and this could be done again in 2020.
- This road segment will be scheduled for repair in 2020 (budget permitting). Work will involve deep subgrade repair and removal of black soil and tree compost. PW will work with the adjacent landowners to secure material for the upgrade. Neil and Dallas hope that the test holes on October 18, 2019 and this has been delegated a 2020 project. Included will be ditching and road coring/rebuild for approx 500m from the pavement to the east range road intersection.
- The culvert on RGE RD 42 south of TWP 470 will not be repaired until 2020 due to wet conditions.
- Councillor Woitt was approached by Clarence Claerhout (NW-29-46-24W4) about RR245. He thinks the road is too narrow as a Triple A painting truck went in the ditch. Also he reported that a grader operator had hit the ditch in the winter. Please investigate as time permits.
- D. Vikse, East-end Foreman reports that he measured the road surface width and it meets county standards (7.3m wide). County crews are planning to repair the ditch & bring the sideslope to current standards. This was not completed in 2019 due to weather and staffing resources. Will be completed in Spring 2020.
- 39th street Mulhurst Estates
<table>
<thead>
<tr>
<th>MR#</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2066</td>
<td>Assigned</td>
<td>Mr. Buskas contacted Councillor Krahn again about a culvert within an approach north of his farmsite (roll #7201 - SW-18-44-22W4) that has &quot;rotted&quot; and needs replacing. It is possible that Dallas tried to inspect earlier this year but the approach/culvert may have been under water. Please create SRM and have it inspected again. Mr. Buskas phone number is 780-352-1077.</td>
</tr>
<tr>
<td>2085</td>
<td>Assigned</td>
<td>October 8, 2019 Councillor Adair contacted by Cliff Stone Email from Rod: Councillor Adair was contacted by Cliff Stone about stumps and rocks in ditch in the area where road work was completed. The location is NW-24-45-28W4 and there was a possible right of entry agreement. Please investigate and respond.</td>
</tr>
<tr>
<td>2087</td>
<td>Assigned</td>
<td>October 10, 2019 Councillor Seely contacted Rod; email from Rod as follows: Councillor Seely attended the Sunset Bay Community Group meeting last night and the following item came out of it: Roll # 409524 - Lot 3, Block 11 (Kary Picklyk) complained that the MR on the north of his property was not draining to the west and as a result, the water was flooding his property. Please investigate and provide any information. Kerry Picklyk (780-542-6403)</td>
</tr>
<tr>
<td>2125</td>
<td>Assigned</td>
<td>Councillor Bill Krahn received a complaint from Laverne Buchert (see SRM 1987) about no gravel on road and trucks are hauling to G3. Please investigate the need for gravel and contact Mr. Buchert with plan of action for that road. In July, the grader operator was supposed to do a lip pull to help shape the road. Mr. Buchert's phone number is 780-387-1257.</td>
</tr>
<tr>
<td>2181</td>
<td>Closed</td>
<td>Councillor Bill Krahn requested that PW check the status of TWP 454 off of Hiway 822 (sorry, didn't specify east or west). And John Deere Road.</td>
</tr>
</tbody>
</table>

**PW Comments**
- The road was inspected and there will be improvements/repairs made due to base failure. In September 2019, a limestone/clay mixture was used, with a road crush applied for winter. PW plans to patch the repaired areas with cold-mix asphalt in 2020.
- Director of Public Works and East End Road Foreman inspected culvert on September 19, 2019. The visible end is significantly rusted. This culvert will be added to the culvert replacement program in 2020 as its condition is not compromising access yet.
- D. Vikse will investigate after spring thaw.
- Excess water in 2019 caused many flooding issues.
- Construction to resume Spring 2020 by Iron Addicts / ROHI Eng.
- D. Viske commented that he drove the area and saw no issues. R. Hawken also drove the area and reports no issues.
PROJECT COSTING REPORT – APRIL 15, 2020

To the middle of April 2020 represents 29% of the budget year. The overall PW and UT budget expenditures reported below total $3,820,795 or 10.5% of the $36,345,141 (2020 budget).

Public Works Budget

3201 Administration Budget: $2,663,546 with $547,307 expended to date (20.5% of the budget). Tracking as expected with Fleet Capital expenditures starting to accrue and new equipment tenders prepared and posted.

3202 Fleet Management Budget: $4,454,000 with $634,767 expended to date (14.3% of the budget). Tracking as expected.

3203 Funded Projects Budget: $8,985,047 with $658,150 expended to date (7.3% of the budget). Projects slated to begin in May 2020.

3204 Patrol Operators Budget: $2,574,000 with $551,069 expended to date (21.4% of the budget). Tracking as expected.

3205 Road Maintenance Budget: $2,668,399 with $592,956 expended to date. (22.2% of the budget). Approximately $200,000 of the $380,000 winter operating (sand and snowplow) has been expended.

3206 Road Construction Budget: $3,496,500 with $27,328 expended to date. (0.8% of the budget). Work will re-initiate on Em-Te-Town Road as soon as the conditions permit (Central Const.). Work on the Deuce Auto Road and Sod Farm Hill Road will commence once conditions permit (Prairie North).

3207 Paved Roads Budget: $1,332,200 with $7,597 expended to date. (0.6% of the budget). Work on the Golf Course Road and RR 63 tentatively scheduled for May 2020.

3208 Graveling Budget: $2,708,105 with $54,651 expended to date. Work will begin in early June with the summer gravelling program. The main gravelling program is scheduled for the beginning of September.

Public Works Summary: Total Budget of $28,881,797 with $747,240 expended to date, or 10.6% of the budget.
Utilities Budget: 4100 Water Services Budget: $1,899,157 with $90,186 expended to date (4.7% of the budget).

4200 Wastewater Services Budget: $4,262,105 with $373,296 expended to date (8.8% of the budget). Alder Flats Sewer Expansion capital project is underway and is proceeding satisfactorily.

4300 Solid Waste Management Budget: $1,302,082 with $283,758 expended to date (21.8% of the budget). Tracking as expected.

Utilities Summary: Total Budget of $7,463,344 with $747,240 expended to date, or 10.0% of the budget.
## County of Wetaskiwin
### 1-PW and UT Expense Report for Council
To April 15, 2020

<table>
<thead>
<tr>
<th>Code</th>
<th>Department</th>
<th>Budget 2020</th>
<th>Actual 2020</th>
<th>YTD Variance</th>
<th>%YTD</th>
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</thead>
<tbody>
<tr>
<td>1-3201-00</td>
<td>PW Administration</td>
<td>2,663,546</td>
<td>-547,037</td>
<td>2,116,509</td>
<td>-20.5%</td>
</tr>
<tr>
<td>1-3202-00</td>
<td>PW Fleet Management</td>
<td>4,454,000</td>
<td>-634,767</td>
<td>3,819,233</td>
<td>-14.3%</td>
</tr>
<tr>
<td>1-3203-00</td>
<td>PW Funded Projects</td>
<td>8,985,047</td>
<td>-658,150</td>
<td>8,326,897</td>
<td>-7.3%</td>
</tr>
<tr>
<td>1-3204-00</td>
<td>PW Patrols</td>
<td>2,574,000</td>
<td>-551,069</td>
<td>2,022,932</td>
<td>-21.4%</td>
</tr>
<tr>
<td>1-3205-00</td>
<td>PW Maintenance</td>
<td>2,668,399</td>
<td>-592,956</td>
<td>2,075,443</td>
<td>-22.2%</td>
</tr>
<tr>
<td>1-3206-00</td>
<td>PW Road Construction</td>
<td>3,496,500</td>
<td>-27,328</td>
<td>3,469,172</td>
<td>-0.8%</td>
</tr>
<tr>
<td>1-3207-00</td>
<td>PW Oiling</td>
<td>1,332,200</td>
<td>-7,597</td>
<td>1,324,603</td>
<td>-0.6%</td>
</tr>
<tr>
<td>1-3208-00</td>
<td>PW Gravelling</td>
<td>2,708,105</td>
<td>-54,651</td>
<td>2,653,453</td>
<td>-2.0%</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>28,881,797</strong></td>
<td><strong>-3,073,555</strong></td>
<td><strong>25,808,242</strong></td>
<td><strong>-10.6%</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Department</th>
<th>Budget 2020</th>
<th>Actual 2020</th>
<th>YTD Variance</th>
<th>%YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4100-00</td>
<td>UT Water Services</td>
<td>1,899,157</td>
<td>-90,186</td>
<td>1,808,971</td>
<td>-4.7%</td>
</tr>
<tr>
<td>1-4200-00</td>
<td>UT Wastewater Services</td>
<td>4,262,105</td>
<td>-373,296</td>
<td>3,888,809</td>
<td>-8.8%</td>
</tr>
<tr>
<td>1-4300-00</td>
<td>UT Solid Waste Management</td>
<td>1,302,082</td>
<td>-283,758</td>
<td>1,018,324</td>
<td>-21.8%</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>7,463,344</strong></td>
<td><strong>-747,240</strong></td>
<td><strong>6,716,104</strong></td>
<td><strong>-10.0%</strong></td>
</tr>
</tbody>
</table>

|         | **GRAND TOTALS**            | **36,345,141** | **-3,820,795** | **32,524,346** | **-10.5%** |

29% OF YEAR COMPLETE
Road Ban Order – April 13, 2020 - Report

Meeting Date (Report Reference Only): April 30, 2020
Meeting (Report Reference Only): Council Public Works

Background
Road Protection Bylaw 2014/21 is to establish protection of the County’s road infrastructure. Under Section 2.25 the Road Protection Committee is comprised of the Reeve, Chief Administrative Officer and Director of Public Works.

Section 4.0 of the Bylaw provides the Committee the authority to impose Road Bans; and further that Council shall be advised of the order once signed to be ratified at the next scheduled Council Public Works Meeting.

The Road Protection Committee, consisting of Reeve Terry Van De Kraats, Rod Hawken, Chief Administrative Officer and Neil Powell, Director of Public Works, met via conference call at 10:30 am on Thursday, April 9, 2020.

Discussion ensued regarding conditions of roads and the upcoming weather forecast; Mr. Powell recommended regional road bans to be implemented at 8 am on Monday, April 13, 2020.

The Road Protection Committee approved implementing a Seasonal Road Ban of 75% on all gravelled surfaces not identified by annual road bans, effective 8 am on Monday, April 13, 2020 and that the Road Ban Order be ratified by County of Wetaskiwin Council at the next scheduled Council for Public Works meeting.

The Road Ban Order is attached for Council review.

Recommended Resolution

that Council ratify the decision of the Road Protection Committee to implement 75% Seasonal Road Bans on all gravelled surfaces not identified by the annual road bans, and various weight restrictions to select paved roads, effective 8:00 a.m., Monday April 13, 2020.
Pursuant to the authority granted under the provision of the Road Protection By-Law 2014/21 the Council of the County of Wetaskiwin No. 10 orders that effective 8:00 a.m., April 13, 2020 the following maximum allowable weights will be permitted on local roads in the County of Wetaskiwin No. 10:

### GRAVELED SEASONAL ROAD BANS

**GRAVELED SURFACES NOT IDENTIFIED BY ANNUAL ROAD BANS**

- 75%

### GRAVELED SEASONAL ROAD BANS

- GRAVELED SURFACES NOT IDENTIFIED BY ANNUAL ROAD BANS: 75%

### PAVED SURFACE SEASONAL ROAD BANS

- Range Road 63 from Hwy 13 to TR 464 (4 miles): 75%
- Range Road 11 from the first entrance to the Hamlet of the Village at Pigeon Lake to end of pavement (0.5 miles): 75%
- Range Road 240 from Hwy 814 north to Township Road 481 (2 miles): 75%
- Township Road 460 from Range Road 74 to Range Road 80 (2 miles): 75%
- Range Road 242 from Hwy 814 to Township Road 473.5 (1.5 miles): 75%
- Township Road 470 from Hwy 771 to Poplar Bay (1.1 miles) Provincial Park Rd: 75%
- Township Road 470 from Hwy 771 west to Range Road 31 (end of pavement 6 miles): 75%
- Township Road 470 from Hwy 2A West to Hwy 2 (Correction Line): 75%

### ANNUAL ROAD BANS

- Range Road 10 between Township Road 472 & Township Road 472.75 (.75 miles): 50%
- Range Road 10 South of Secondary Highway 616 to Scott Avenue (1.5 miles) and all roads within Cameron Highlands: 75%
- Range Road 12 North of Lakedell Transfer Station to Summer Village Boundary: 50%
- Range Road 61 from Hwy 13 to TR 460A: 50%
- Range Road 61 from TR 460A to Lakeshore Drive (Hamlet of Buck Lake): 50%
- Range Road 243 between Township Road 473 and Township Road 472 – East boundary of Town of Millet (C &E Trail): 50%
- Range Road 243 South of Township Road 474 (1.25 miles): 50%
- Range Road 243A from Township Road 474 to Township Road 473: 50%
- Range Road 244 between Township Road 474.5 and Township Road 474 (.5 mile): 50%
- Township Road 460 between Range Road 54 to Range Road 55 (1 mile): 75%
- Township Road 463 from Hwy 780 east for .75 miles (Wicked Witch): 50%
- Township Road 464 (Deuce Auto Road) from Hwy 22 West to Range Road 73 (3 miles): 75%
- Township Road 464 from Highway 2A to Range Road 245 (Golf Course Road): 50%
- Township Road 471 from Range Road 241 to Range Road 242 (1 mile): 50%
- Township Road 472, West 2 miles from Secondary Highway 814 (2 miles): 50%
- Township Road 474 between Range Road 240 (Secondary Highway 814) and Range Road 242: 50%
- Township Road 474 between Range Road 243 and Range Road 242 (.75 miles): 50%

### OILED AND PAVED ROADS IN HAMLETS AND SUBDIVISIONS

- Oiled and Paved Roads in Hamlets and Subdivisions: 50%
- All other Oiled Surfaced roads within the County of Wetaskiwin Jurisdiction: 50%

### ROADS EXEMPTED FROM SEASONAL ROAD BANS

- Range Road 64 North of Hwy 13 for .5 mile: 100%
- Range Road 241 between Township Road 461 to the City of Wetaskiwin boundary (.5 mile): 100%
- Township Road 470 East of Highway 22 to Range Road 65 and Range Road 65 North of Township Road 470 (1 mile): 100%
- Within the Hamlet of Winfield from Main Street for 50 metres in a north-eastern direction to the connecting laneway between 1st Street E and 1st Street W: 100%
- Within the Hamlet of Buck Lake from Range Road 63 east to the Bridge (Range Road 62.5): 100%

### Exemptions:

- Vehicles and equipment required by the County of Wetaskiwin No. 10.
- Vehicles and equipment in possession of a valid Permit issued by the County of Wetaskiwin.
- Farming Industry ~ one increment above any posted ban year round (without a permit)

### Note:

- Any permit issued by the County of Wetaskiwin or Roadata Services Ltd (RDS), shall be considered null and void in the event the Permit Holder has violated any of the terms and conditions contained within the Permit. Any permit issued by the County of Wetaskiwin does not absolve the Permit Holder or operator from responsibility for any damages caused to the roadway as a result of travel pursuant to the permit. Call 1-877-236-6445 for information concerning numbered highways.

**FOR PERMIT INFORMATION CALL ROADATA SERVICES LTD. TOLL FREE AT 1-888-830-7623.** This Order shall remain in effect until further notice.

_____________________   ____________________  
Rod Hawken      Terry VanDeKraats  
County Administrator      County Reeve
Road Protection Committee Meeting – April 9, 2020

Present (via Conference Call):
Neil Powell, Director of Public Works
Rod Hawken, Chief Administrative Officer
Reeve, Terry Van De Kraats, Councillor Division 4

The Road Protection Committee meeting was called to order at 10:30 a.m., Thursday, April 9, 2020 via a conference call in the County of Wetaskiwin.

Seasonal Road Ban
Discussion ensued regarding conditions of roads and the upcoming weather forecast.
N. Powell recommended regional road bans to be implemented at 8 am on Monday, April 13, 2020.

The Committee approved implementing a Seasonal Road Ban of 75% on all gravelled surfaces not identified by annual road bans, effective 8 am on Monday, April 13, 2020.

The Road Ban Order is to be signed by the County Deputy Reeve and Chief Administrative Officer and is to be posted in the County Office, as well as advertised on the County website.

The Meeting adjourned at 10:45 a.m.

______________________________  ______________________________
Rod Hawken  Terry Van De Kraats
Chief Administrative Officer  Reeve
Paper Recycling Program - Report

Meeting Date (Report Reference Only): April 30, 2020
Meeting (Report Reference Only): Council Public Works

Background

At the May 13, 2008 Council for Public Works meeting, Council resolved to enter into a one-year agreement with Allied Paper Savers Inc. (APS Inc.) for paper recycling at the Buck Lake, Mulhurst, Lakedell and Millet Transfer Stations. Two containers were delivered to each site; 1 for clean dry newsprint (ONP) and 1 for mixed wastepaper (MWP), with the cost of service (based on a 12-month agreement) as follows:

<table>
<thead>
<tr>
<th>Site</th>
<th>Hauling Time</th>
<th>Container Rental</th>
<th>Single Haul</th>
<th>Trailer Haul</th>
<th>Fuel Surcharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buck Lake</td>
<td>4 hrs</td>
<td>$125.00 ea.</td>
<td>$300.00</td>
<td>$150.00</td>
<td>23.5%</td>
</tr>
<tr>
<td>Mulhurst</td>
<td>3 hrs</td>
<td>$125.00 ea.</td>
<td>$225.00</td>
<td>$112.50</td>
<td>23.5%</td>
</tr>
<tr>
<td>Lakedell</td>
<td>3 hrs</td>
<td>$125.00 ea.</td>
<td>$225.00</td>
<td>$112.50</td>
<td>23.5%</td>
</tr>
<tr>
<td>Millet</td>
<td>2hrs</td>
<td>$125.00 ea.</td>
<td>$150.00</td>
<td>$ 75.00</td>
<td>23.5%</td>
</tr>
</tbody>
</table>

(Ref. Page 2008/105 PW)

In October 2008, Allied Paper Savers informed the County that they would be implementing a “per tonne” fee.

At the April 8, 2014 Council for Public Works meeting, Council approved renewal of the contract with Allied Paper Savers for a further one-year term commencing July 1, 2014 with a renewal option for a concurrent three-year term. (Ref. Resolution No. PW20140408.1007)

Discussion:

The current three-year contract for paper recycling services with Allied Paper Savers Inc (APS) will terminate at the end of March 2020. Recently, Allied Paper submitted a new proposed contract which resulted in a 16% annual increase from the previous rates.

Administration conducted a 1- and 5-year cost benefit analysis to determine the effectiveness of the paper recycling program. The results are as follows:
For the 5-year period 2015-19, the total cost for paper recycling (via APS) was $45,409 to collect 89.24 tonne of paper. In turn, the County received $1,558 in paper recovery revenue. Therefore, the net cost for paper recycling over the five-year period was $43,851, or an average of $491.38 per tonne.

In 2019, the County costs (via APS) was $10,521 to collect 14.68 tonne of paper. As the paper was mixed, there was no payment; therefore the average cost in 2019 was $716.69 per tonne. Note: the average cost per tonne for the County to haul waste to WDML landfill was $115.87.

For 2020, Allied Paper Savers Inc proposes an increase to their fees totalling $12,206 for the year. Considering that there will likely be about 15 tonne of paper collected overall and no paper payment, the total net cost of paper recycled in 2020 will be $12,206. Therefore, the average expected cost in 2020 will be $813 per tonne. Conversely, the County can haul 15 tonne of paper to WDML landfill for a total cost of $1,770, or $118 per tonne.

On February 27, 2020, N. Powell contacted Ken Scott, General Manager of Allied Paper Savers and informed that based on the County’s cost benefit analysis, the County will discontinue the Paper Recycling program with Allied Paper Savers Inc. The current arrangement for paper recycling services terminated at the end of March 2020.

Administration’s decision is purely economical as the cost to recycle paper far exceeds any reciprocal value or benefit. Essentially, it is much cheaper to haul the paper to a landfill (WDML) or even just to burn on site. Noting this, Administration will continue to explore viable options for paper recycling. A notice regarding the cancellation of the paper recycling service will be added to the County website and will be posted at each transfer station.

**Recommended Resolution**

that Council receive for information - the discontinuation of the County of Wetaskiwin Paper Recycling Program due to the poor benefits received and overall costs of the program.
FIBER RECYCLING SERVICE AGREEMENT EXTENSION

THIS AGREEMENT MADE IN TRIPLICATE THIS \underline{\text{\hspace{2cm}}} \text{DAY OF} \underline{\text{\hspace{2cm}}} 2020.

BETWEEN:

OF: COUNTY OF WETASKIWIN
BOX 6960
WETASKIWIN, ALBERTA
T9A 2G5

(Hereinafter called)
COUNTY OF WETASKIWIN
OF THE FIRST PART

\underline{\text{\hspace{2cm}}} \text{And} \underline{\text{\hspace{2cm}}}

OF: ALLIED PAPER SAVERS Inc.
16820-129 Avenue
Edmonton, Alberta
T5V 1L1

(Herein called)
ALLIED PAPER
OF THE SECOND PART
AGREEMENT

WHEREAS, THE COUNTY OF WETASKIWIN is a supplier of recycled ONP#6 newsprint and whereas ALLIED PAPER uses recycled ONP #6 newsprint in its operation; NOW THEREFORE this agreement witnesses as follows:

1. THE COUNTY OF WETASKIWIN hereby agrees to sell recycled ONP #6 newsprint hereinafter defined, and ALLIED PAPER agrees to purchase said newsprint from THE COUNTY OF WETASKIWIN, under the following terms and conditions:

2. Definition of Newspaper
   a) For the purpose of this agreement, recycled newsprint shall mean Grade #6 Newsprint meeting the specifications of Circular P.S. 99 Grade #6 published by the Paper Sock Institute of America, a Commodity Division of the National Association of Recycling Industries.
   b) It is fully understood all purchases of ONP#6 grade recycled paper must be clean, dry and contain "NO" more than 5% contamination of other materials to the paper stock.
   c) If material received does not meet these standards in anyway, ALLIED PAPER reserves the right to downgraded the material, and price it accordingly, based on the current month Mill price. The downgrade will be determined based on contamination factor and moisture level which has been discussed and agreed to by both parties.

3. Price:

ONP #6 RECYCLED PAPERS

   a) There will be no minimum or maximum pricing set within this agreement. ALLIED PAPER will always pay fair market value, based on the Mill rate less Allied Papers processing costs commencing April 2020 commodity pricing, from the Official Board Market. Loose pricing is used to determine rebates not baled rates.
   b) ALLIED PAPER will provide ONE-roofed and side door roll-off container for each site, to be used for ONP6 old newspaper, for
fiber recycling only, and provides truck and driver to transport to Allied Paper Savers facility in Edmonton, Alberta.

c) **ONP6 PAPER PRICING TO THE COUNTY OF WETASWIWIN** shall be based on current month commodity pricing.

4. **Payment:**
   Payment shall be made on the 20th day of the month following delivery.

5. **Term:**
   a) The term of this agreement shall be for **ONE (1)** year commencing the **1st day of April, 2020.**
   b) This agreement may be renewed for a concurrent three (3) year term upon mutual agreement of both parties.

6. **Exclusivity:**
   During the term hereof, the parties agree that **THE COUNTY OF WETASKIWIN** shall offer all of its recycled newsprint, which meets the standards herein noted, generated from their transfer stations to **ALLIED PAPER** and that **ALLIED PAPER** shall purchase all Newspaper, per schedule, from their Transfer Site locations, including: **Buck Lake, Millet, Mulhurst, and Lakedell Transfer Facilities** operated by **THE COUNTY OF WETASKIWIN.**

7. **Cost of Services:**
   **ALLIED PAPER** will provide **THE COUNTY OF WETASKIWIN** with **ONE, Roll-off Container** per site location for the exclusive use of newsprint and provide a switch container as required.

   Hauling will occur on a scheduled basis, and will occur at each site during each of February, May, August and November.

   Cost for services as follows:

   - **Buck Lake** – $125.00 container rental each. Single Haul - $395.00 plus applicable fuel surcharges and gst
   - **Mulhurst** - $125.00 container rental each. Single Haul - $260.00 plus applicable fuel surcharges and gst
   - **Lakedell** - $125.00 container rental each. Single Haul - $260.00 plus applicable fuel surcharges and gst.
   - **Millet** - $125.00 container rental each. Single Haul - $210.00 plus applicable fuel surcharges and gst.
9. a) **APPLICABLE FUEL SURCHARGES**

We follow the accepted FSC program as outlined by the Canadian Trucking Association for heavy duty trucks.

Our fleet averages approximately 5.7 miles per gallon of fuel which equals 2.02 liters per km, based on this every 3 cents per liter increase equals a 1% increase in the fuel surcharge. The current rate as of Jan 1/2020 is 25% of the haulage rate excluding bin rental charges, and will be applied to all hauls provided by Allied Paper Savers to The County of Wetaskiwin.

_Covenant._

The parties agree that the true considerations for this agreement are the mutuality of covenants as they relate to the exclusive rights granted to the other.

This agreement will form an agreement upon both parties herein named and or their successors.

IN WITNESS WHEREOF the parties hereto have hereunto signed this agreement in good faith on this____day of_______2020.

PER: ___________________ PER: ___________________
Ken Scott

ALLIED PAPER SAVERS INC.

PER: ___________________
Signing Authorities for:
COUNTY OF WETASKIWIN
2020 Road Tour with Respect to Covid-19 - Report

Meeting Date (Report Reference Only): April 30, 2020
Meeting (Report Reference Only): Council Public Works

Background

At the January 28, 2020 Council for Public Works meeting Council approved the following dates and sites for the 2020 Road Tour:

- to be held on June 8 (West End) and June 12 (East End), 2020
- to visit the following sites, with the meals to be arranged by Administration:

**East:**
- G3 Grain Facility
- BF8191- WNW 15-45-26 W4M - Contracted to Formula Alberta Ltd.
- Hamlet revitalization: Hamlet of Gwynne; Hamlet of Mulhurst; Hamlet of Falun
- Mulhurst Lagoon
- Sod Farm Hill; RGE RD 233 North of TWP RD 470 - 2020 Road Construction Project
- 2020 Brushing Projects: as completed in early 2020
- Water Re-rehabilitation - Ermineskin Drainage Collaboration
- Edmonton International Racetrack
- Fifth Gen Gardens - 231048 A Secondary Highway 611 - Kristin Graves
- Pine Haven Colony Tour

**West:**
- BF71375 – WSW 17-45-7 W5M - Contracted to Volker Stevin Highways Ltd.
- Alder Flats Wastewater Collection System
- Hamlet revitalization: Hamlet of Westerose Hamlet of Winfield; Hamlet of Buck Lake; Hamlet of Alder Flats; Hamlet of Village of Pigeon Lake
- Twin Lakes Parks
- South Pigeon Lake Business Park at the intersection of HWY 771 and HWY 13
- TWP RD 464 from HWY 22 west to RGE RD 73 – 2020 Road Construction Project
- Dorchester Ranch Development – Road Infrastructure
- Range Road 11 and 12
- Blackmore Shooting Range
- Parks - Open space land (ie: County Quarter)
- Tour of Gone Green Farms.
(Ref. Resolution PW20200128.011)
At the February 11, 2020 Council General meeting, Council revisited the dates set for the Road tours, changing the dates as follows:

- that the West End Road Tour be changed from June 8 to June 10, 2020 and that the East End Road Tour be changed from June 12 to June 22, 2020. 
(Ref. Resolution CG20200211.003)

Administration has booked Brightview Bus Lines for the dates specified and a tour of Fifth Gen Gardens at 231048 A Secondary Highway 611 with Kristin Graves was also arranged.

On April 16, Ms. Graves contacted Administration questioning if the tour was still going to happen with respect to Covid-19.

**DISCUSSION:**

Administration is requesting direction from Council regarding the upcoming Road Tours. Administration is of the opinion that the tour could be postponed until September 2020 due to the COVID-19 pandemic and restrictions imposed for physical distancing.

**Recommended Resolution**

that Council cancel the June 2020 Road Tour and re-schedule for two days in September 2020.
Proposed Five-Year Bridge Plan – 2020-2024 - Report

Meeting Date (Report Reference Only): April 30, 2020
Meeting (Report Reference Only): Council Public Works

Background

On an annual basis, the County reviews and prepares a bridge priority list with the assistance of WSP. The list is compiled according to recent BIM inspections and the necessity for repair and/or replacement. The bridge priority list is then presented to Council for review and approval. In the past, a Three-Year Bridge Plan was developed, approved by Council then sent to Alberta Transportation for funding approval under Provincial (GAP) funding.

In 2019, Administration prepared an expanded Five-Year Plan, based on priority, which was then presented to Council for review and approval, along with the necessary documentation for grant funding, if applicable.

The County is aware that the Local Road Bridge Program (LRBP) has been reinstated and is a part of the Strategic Transportation Infrastructure Program (STIP).

A copy of the Five-Year Plan is provided for Council review and approval. Upon approval by County Council, Administration will forward a copy of the Five-Year Bridge Plan (2020-2025) to Alberta Transportation for review.

<table>
<thead>
<tr>
<th>Bridge File</th>
<th>Location</th>
<th>Proposed Construction Year</th>
<th>Estimated Engineering Cost</th>
<th>Estimated Construction Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF75450</td>
<td>NE 1-45-7 W5</td>
<td>2020</td>
<td>2019 Reserve</td>
<td>$800,000</td>
</tr>
<tr>
<td>BF8191</td>
<td>NW 15-45-26 W4</td>
<td>2020</td>
<td>2019 Reserve</td>
<td>$770,000</td>
</tr>
<tr>
<td>BF71375</td>
<td>SW 17-45-7 W5</td>
<td>2020</td>
<td>2019 Reserve</td>
<td>$760,000</td>
</tr>
<tr>
<td>BF1825</td>
<td>SW 7-46-1 W5</td>
<td>2021</td>
<td>$110,000</td>
<td>$800,000</td>
</tr>
<tr>
<td>BF6773</td>
<td>SW 27-46-3 W5</td>
<td>2021</td>
<td>$65,000</td>
<td>$700,000</td>
</tr>
<tr>
<td>BF75477</td>
<td>SW 30-46-23 W4</td>
<td>2022</td>
<td>$65,000</td>
<td>$400,000</td>
</tr>
<tr>
<td>BF13346</td>
<td>NE 6-46-5 W5</td>
<td>2022</td>
<td>$65,000</td>
<td>$600,000</td>
</tr>
<tr>
<td>BF75497</td>
<td>SW 21-45-2 W5</td>
<td>2023</td>
<td>$65,000</td>
<td>$400,000</td>
</tr>
<tr>
<td>BF245</td>
<td>SW 27-46-25 W4</td>
<td>2023</td>
<td>$110,000</td>
<td>$1,200,000</td>
</tr>
<tr>
<td>BF727</td>
<td>SW 14-47-24 W4</td>
<td>2024</td>
<td>$110,000</td>
<td>$1,200,000</td>
</tr>
<tr>
<td>BF2485</td>
<td>SW 18-47-26 W4</td>
<td>2024</td>
<td>$110,000</td>
<td>$1,200,000</td>
</tr>
<tr>
<td></td>
<td>Bridge Location</td>
<td>Year</td>
<td>Estimated Cost</td>
<td>Total Cost</td>
</tr>
<tr>
<td>----</td>
<td>-------------------</td>
<td>------</td>
<td>----------------</td>
<td>-------------</td>
</tr>
<tr>
<td>BF763</td>
<td>SW 14-45-23 W4</td>
<td>2025</td>
<td>$65,000</td>
<td>$300,000</td>
</tr>
<tr>
<td>BF6718</td>
<td>SW 14-47-24 W4</td>
<td>2025</td>
<td>$110,000</td>
<td>$1,200,000</td>
</tr>
</tbody>
</table>

**Recommended Resolution**

that Council approve the Five-Year Bridge Plan for 2020 to 2025 as presented and that a copy be submitted to Alberta Transportation for review.
# 2020 Five Year Bridge Plan

## Estimated Yearly Bridge Budgets: $2,595,000 $1,850,000 $1,340,000 $1,985,000 $2,790,000 $1,785,000

### Replacements

<table>
<thead>
<tr>
<th>Bridge File</th>
<th>Stream Name</th>
<th>Legal Land Location</th>
<th>Work Description</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>Existing Bridge Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>75450</td>
<td>Waterfall Culvert / Horseshoe Creek</td>
<td>NE 1-45-7-5</td>
<td>Engineering $</td>
<td>400,000</td>
<td>$</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Twin Culverts</td>
<td>Heavy rains in August of 2018 caused extensive erosion at culvert - time is a long, deep culvert under high fill and on a fish bearing watercourse. Replacement will be costly and may involve environmental compensation. Complete removal of structure is also being considered at approximately $200,000.</td>
</tr>
<tr>
<td>8191</td>
<td>Vertical Bridge / Watercourse</td>
<td>NW 15-45-26-4</td>
<td>Engineering $</td>
<td>1,200,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single Span MM</td>
<td>STP Funding was applied for in 2018. Coring assessment in 2013 found some deficiencies but none critical. Additional deficiencies discovered in 2018 led to bridge being corrected for reduced loading. Construction approximately 50% complete as of March 2020.</td>
<td></td>
</tr>
<tr>
<td>71375</td>
<td>Horseshoe Creek</td>
<td>SW 17-45-7-5</td>
<td>Engineering $</td>
<td>770,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single Span TT</td>
<td>STP Funding was applied for in 2018. Inspections in 2013 discovered piles in very poor condition and a &quot;Jimbob&quot; bridge was installed. This is an infrequently travelled roadway and the &quot;Jimbob&quot; bridge can function for the short term. WSP designed a permanent substructure for the Jimbob bridge and a contractor will be selected in 2020.</td>
<td></td>
</tr>
<tr>
<td>1825</td>
<td>Battle Lake Bridge</td>
<td>SW 7-46-1-9W5</td>
<td>Engineering $</td>
<td>50,000 $</td>
<td>60,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single Span PG</td>
<td>STP Funding was applied for in 2018. Bridge always has high water. Potential replacement would be a slightly longer bridge and build abutments just outside of the existing abutments.</td>
</tr>
<tr>
<td>6773</td>
<td>Wildeman Culvert / Watercourse</td>
<td>SW 27-46-3-5</td>
<td>Engineering $</td>
<td>25,000 $</td>
<td>40,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CSP Culvert</td>
<td>Culvert in poor condition. A replacement culvert was designed in 2018 and the County has asked WSP to obtain permits, investigate right-of-way and update the design and tender for construction. Previous landowner issues prevented construction in 2018.</td>
</tr>
<tr>
<td>75477</td>
<td>Trib. To Waller Creek</td>
<td>SW 30-46-23-9W5</td>
<td>Engineering $</td>
<td>30,000 $</td>
<td>35,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13346</td>
<td>Muskal Creek</td>
<td>NE 6-45-5-9W5</td>
<td>Engineering $</td>
<td>600,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>75497</td>
<td>Watercourse</td>
<td>SW 21-45-2-5</td>
<td>Engineering $</td>
<td>30,000 $</td>
<td>35,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CSP Culvert Bridge</td>
<td>Culvert in poor condition. Barrel rated 3, not accessible for seismic inspections.</td>
</tr>
<tr>
<td>245</td>
<td>Maxwell Creek</td>
<td>SE 27-46-25-9W4</td>
<td>Engineering $</td>
<td>50,000 $</td>
<td>60,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Three Span HC Girder Bridge</td>
<td>Existing Bridge Girder rated 3. Coring done in 2013 and banded two piles in 2014.</td>
</tr>
<tr>
<td>727</td>
<td>Pipestone Creek</td>
<td>SW 14-47-24-9W4</td>
<td>Engineering $</td>
<td>50,000 $</td>
<td>60,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Three Span PA Girder Bridge</td>
<td>Existing Bridge Girder rated 3. Banded piles in 2014.</td>
</tr>
<tr>
<td>2485</td>
<td>Pipestone Creek</td>
<td>SW 18-47-26-9W4</td>
<td>Engineering $</td>
<td>50,000 $</td>
<td>60,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Three Span PG Girder Bridge</td>
<td>Superstructure rated 3, substructure rated 5.</td>
</tr>
<tr>
<td>763</td>
<td>Trib. To Battle River</td>
<td>SW 14-45-23-9W4</td>
<td>Engineering $</td>
<td>30,000 $</td>
<td>35,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single 1500mm Culvert</td>
<td>Barrel rated 3</td>
</tr>
<tr>
<td>6718</td>
<td>Pipestone Creek</td>
<td>SW 14-47-24-9W4</td>
<td>Engineering $</td>
<td>50,000 $</td>
<td>60,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Three Span HC Girder Bridge</td>
<td>Substructure recently repaired, but superstructure Rated 3</td>
</tr>
</tbody>
</table>

**Subtotal Replacements $2,405,000 $1,850,000 $1,340,000 $1,985,000 $2,790,000 $1,785,000**

### Rehabilitation / Repairs

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Bridge Maintenance Contract Various</td>
<td>$180,000</td>
</tr>
<tr>
<td>2021</td>
<td>Bridge Maintenance Contract Various</td>
<td>$180,000</td>
</tr>
<tr>
<td>2022</td>
<td>Bridge Maintenance Contract Various</td>
<td>$180,000</td>
</tr>
<tr>
<td>2023</td>
<td>Bridge Maintenance Contract Various</td>
<td>$180,000</td>
</tr>
<tr>
<td>2024</td>
<td>Bridge Maintenance Contract Various</td>
<td>$180,000</td>
</tr>
<tr>
<td>2025</td>
<td>Bridge Maintenance Contract Various</td>
<td>$180,000</td>
</tr>
</tbody>
</table>

**Subtotal Rehabilitation / Repairs $180,000 $180,000 $180,000 $180,000 $180,000 $180,000**

### Assessments, Level 2 Inspections and Bridge Inspections (BIM)

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Coring / Assessments / BIMs Various</td>
<td>$10,000</td>
</tr>
<tr>
<td>2021</td>
<td>Coring / Assessments / BIMs Various</td>
<td>$10,000</td>
</tr>
<tr>
<td>2022</td>
<td>Coring / Assessments / BIMs Various</td>
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<tr>
<td>2023</td>
<td>Coring / Assessments / BIMs Various</td>
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<tr>
<td>2024</td>
<td>Coring / Assessments / BIMs Various</td>
<td>$10,000</td>
</tr>
<tr>
<td>2025</td>
<td>Coring / Assessments / BIMs Various</td>
<td>$10,000</td>
</tr>
</tbody>
</table>

**Subtotal Assessments and Level 2 Inspections $10,000 $10,000 $10,000 $10,000 $10,000 $10,000**
Request for Quotes – Supply of Engineered Oilfield Portable Bridges - Report

Meeting Date (Report Reference Only): April 30, 2020

Meeting (Report Reference Only): Council Public Works

Background
At the January 29, 2020 Council General Budget Meeting, Council approved 3203: Funded Projects Budget which included $120,000 for Project PW3739: RGE RD 75A bridge replacement due to 2019 Flooding, as well as $120,000 for a portable bridge (as per Strat Plan). (Ref. Resolution CG20200129.008).

The County is to have an inventory of at least two JimBob type portable bridges for emergencies and as a replacement option for sites where single lane traffic (over the bridge) is considered acceptable standard. Two of these portable bridges were put to use at RR 75A as part of the 2019 flood damaged crossing, and for a structure replacement at BF 71375. These two bridges are now put into long term service, therefore the standby inventory is now depleted. The 2020 Budget provided the funds for their replacement.

FINANCIAL:
The funding for PW3739: RGE RD 75A is planned to come from Alberta Emergency Management Agency (AEMA) through the DRP 2019 West Flood application and grant. AEMA has confirmed by letter that funding for the submitted projects is available. The funding for the second portable bridge is to come from operations (i.e. tax support).

Due to the exclusivity of this type of bridge, Administration sole sourced a quotation from JimBob Bridges for the supply and delivery of two 14’6” x 80’ – 100-ton portable bridges.

JimBob provided a quote of $114,000.00 per bridge with the transportation and permits included in the pricing. Both bridges were specified to be delivered to SE 36-45-07 W5M which is the West Buck Lake Transfer Station.

Recommended Resolution
THAT Council approve the procurement of two (2) 14’6” x 80’ – 100-ton portable bridges at $114,000.00 each, for a total cost of $228,000.00 from JimBob Bridges, with delivery to SE 36-45-7 W5M (West Buck Lake Transfer Station).
### 2020 BUDGET

#### Funding Source

<table>
<thead>
<tr>
<th>Project</th>
<th>Description</th>
<th>Location</th>
<th>Eng</th>
<th>Contract Payments</th>
<th>Equip</th>
<th>Labour</th>
<th>Gravel</th>
<th>Supplies</th>
<th>To Reserve</th>
<th>PROJECT TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CW-RUA</td>
<td>PWCW3763</td>
<td>RR 73 (TR473&gt;HWY13)</td>
<td>13 miles</td>
<td>30,654</td>
<td>38,825</td>
<td>69,459</td>
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<tr>
<td>CW-RUA</td>
<td>PWCW3764</td>
<td>TR 470 (RR75&gt;RR73)</td>
<td>2 miles</td>
<td>2,772</td>
<td>5,970</td>
<td>8,742</td>
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<tr>
<td>CW-RUA</td>
<td>PWCW3765</td>
<td>RR 75 (TR470&gt;TR460)</td>
<td>6 miles</td>
<td>6,156</td>
<td>17,910</td>
<td>24,066</td>
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<tr>
<td>CW-RUA</td>
<td>PWCW3700</td>
<td>Transfer to PWCM Operating Reserves</td>
<td>Division 7</td>
<td>382,580</td>
<td>382,580</td>
<td>-</td>
<td></td>
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<tr>
<td>RRP: MSI</td>
<td>PW3107</td>
<td>G3 Resource Road (TR 460 &amp; RR 246)</td>
<td>Hwy 2a to RR 246, TR 460 to Hwy 613</td>
<td>185,000</td>
<td>1,600,000</td>
<td>1,785,000</td>
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<tr>
<td>ACRP</td>
<td>PW3003</td>
<td>SE and Area Stormwater Upgrades</td>
<td>Divisions 1.3 and Elmira</td>
<td>150,000</td>
<td>1,000,000</td>
<td>1,150,000</td>
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<tr>
<td>MSI: CAP 9793</td>
<td>PW3055</td>
<td>Multihundred Bay Pavement Upgrades</td>
<td>Drainage Upgrades</td>
<td>15,000</td>
<td>150,000</td>
<td>165,000</td>
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<td></td>
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<tr>
<td>OPS/IDP</td>
<td>PW3569</td>
<td>Norris Beach Road (RR 11)</td>
<td>IDP Pavement Upgrade</td>
<td>Hwy 13 to Crystal Springs</td>
<td>50,000</td>
<td>50,000</td>
<td>(33,333)</td>
<td>16,667</td>
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<tr>
<td>OPS/IDP</td>
<td>PW3560</td>
<td>Lakefield Road (RR 12)</td>
<td>IDP Pavement Upgrade</td>
<td>Hwy 13 to Crystal Springs</td>
<td>50,000</td>
<td>50,000</td>
<td>(33,333)</td>
<td>16,667</td>
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<tr>
<td>MSI: CAP 9789</td>
<td>PW3639</td>
<td>Winfield Pavement Upgrades</td>
<td>Drainage Upgrades</td>
<td>15,000</td>
<td>100,000</td>
<td>115,000</td>
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<tr>
<td>MSI: CAP 9788</td>
<td>PW3736</td>
<td>Buck Lake Pavement Upgrades</td>
<td>Drainage Upgrades</td>
<td>25,000</td>
<td>150,000</td>
<td>175,000</td>
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<tr>
<td>DRR/RES</td>
<td>PW3738</td>
<td>Rose Creek Road (2019 West Flood)</td>
<td>TR 460 (NW 31-45-7 W5M)</td>
<td>175,000</td>
<td>175,000</td>
<td>(175,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRR/RES</td>
<td>PW3739</td>
<td>RR 75A (Emile) (2019 West Flood)</td>
<td>NE 6.46-7 WSM</td>
<td>120,000</td>
<td>120,000</td>
<td>(120,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>DRR/RES</td>
<td>PW3740</td>
<td>TR 461 Culvert Replacement (2019 West Flood)</td>
<td>NE 6.46-7 WSM</td>
<td>150,000</td>
<td>150,000</td>
<td>(150,000)</td>
<td></td>
<td></td>
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<tr>
<td>FRSV</td>
<td>PW3741</td>
<td>RR 63 Pavement Overlay and Other Work (2.6 km)</td>
<td>From Hwy 13 to 32nd Ave W</td>
<td>45,000</td>
<td>800,000</td>
<td>845,000</td>
<td>(745,167)</td>
<td>270,833</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SubTotal</strong></td>
<td></td>
<td></td>
<td></td>
<td>535,000</td>
<td>4,284,582</td>
<td>-</td>
<td>382,580</td>
<td>5,264,847</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### BRIDGE WORK

| OPS | PW BF9836 | Misc Bridge Work - County Crews | Various Sites | 10,000 | 15,000 | 7,500 | 32,500 |
| OPS | PW BF9836 | 2020 Bridge Maintenance Contract | Various Sites | 40,000 | 225,000 | 265,000 |
| DRR | PW BF7450 | Replacement - 2016 Flood | RR 70A | 100,000 | 820,000 | 920,000 | (920,000) | - |
| DRR | PW BF7450 | Replacement - 2016 Flood | RR 70A | 100,000 | 820,000 | 920,000 |
| DRR | PW BF7450 | Replacement - 2016 Flood | RR 70A | 100,000 | 820,000 | 920,000 | (920,000) | - |
| **SubTotal** | | | | 451,000 | 3,116,700 | 10,000 | 15,000 | 127,500 | 3,720,200 |

#### 3203: FUNDED PROJECTS TOTAL

| 986,000 | 7,401,282 | 10,000 | 15,000 | 62,685 | 127,500 | 382,580 | 8,985,047 |

**Net Tax Support** | (64,459) | - | - | 3,262,700 | - | 735,000 |

**3203: FUNDED PROJECTS TOTAL** | 986,000 | 7,401,282 | 10,000 | 15,000 | 62,685 | 127,500 | 382,580 | 8,985,047 | -475,913 | -6,452,700 | -1,121,434 | 735,000 |
Dear Reeve Van de Kraats,

I am pleased to inform you the County of Wetaskiwin No. 10 has been approved for financial assistance under the Disaster Recovery Program to facilitate repairs and restoration of damaged infrastructure due to the flooding event on July 20 and 21, 2019.

An Alberta Emergency Management Agency Disaster Recovery Program team lead will contact representatives from your community to assist with the delivery of the program.

Rest assured, your community's recovery is of great importance. I will ensure your community is supported as it recovers from this event. Strengthening local communities, improving the lives of Albertans, and contributing to the economic revitalization of the province through programs, such as the Disaster Recovery Program, are priorities for me.

Should you require further information regarding your approval for financial assistance, please contact Jennifer Dolecki, Director of Community Recovery Services, toll-free at 310-0000, then 780-289-3368, or via email at jennifer.dolecki@gov.ab.ca.

Yours very truly,

[Signature]
Kaycee Madu
Minister

cc: Jennifer Dolecki, Director of Community Recovery Services, Municipal Affairs
Date: February 21, 2020

Attention: Brian Anderson
Company: County of Wetaskiwin No. 10
Email: banderson@county10.ca
Contact #: (Cell) 1-780-387-6157; 1-780-361-6244

RE: Quote to Supply Engineered Oilfield Portable Bridges
@ SE-34-45-07-W5

Further to our recent conversation, we are pleased to provide a bridge purchase quote for your above-described project.

We would confirm that Jimbob Rentals (2000) bridges are certified and designed to CAN/CSA-S6-88 standard and are welded to the W59 code.
Basic Assumptions:

- The above bridge project will be done by Jimbob Rentals 2000 Ltd.
- Non-Treated Lumber
- Quote is for 30 days from the closing date
- Scheduling to be agreed upon
- Payment Terms Net 30 Days

Clients to Provide:

- LSD location

Jimbob Rentals 2000 Ltd. to arrange:

- Two 14’6” x 80’ 100-Ton Portable Bridge(s)
- Transportation
- Permits

Contract Price to Supply and Mob:

- 14’6” x 80’ 100-Ton Portable Bridge(s)
  
  
  Purchase: ....................... $114,000 per Bridge

- Transportation Based on 1 Mob .................................................. Included in Purchase Price

- Permits ............................................................... Included in Purchase Price

Should you have any additional questions please do not hesitate to contact our office.

Thank you for the opportunity to submit this quote.

Yours truly,

Doug Reay
Jimbob Rentals 2000 Ltd.
General Manager
Ph: 403-845-3285
Cell: 403-845-8886
Fax: 403-845-6145
www.jimbobrentals.com
info@jimbobrentals.com

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