1. CALL TO ORDER

2. APPROVAL OF AGENDA

3. MINUTES APPROVAL
   3.1 Council Public Works, August 13, 2019

4. REPORTS
   4.1 Public Works Report (August 2019)
   4.2 Service Request Management Report (August 2019)
   4.3 Project Costing Report – August 2019

5. NEW BUSINESS
   5.1 Utility Account 79218.01 Charges-Report
       Eric Hofbauer, Rod Hawken
   5.2 Proposed Speed Reduction within Greystones on the Lake
       Subdivision - Report
       Neil Powell
   5.3 Tender Results – Bridge File 71375 – NW 17-45-7 W5M-Report
       Neil Powell
   5.4 Tender Results – Bridge File 8191 – NW 15-45-26 W4M-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 9:02 a.m. on Tuesday, August 13, 2019.

2. APPROVAL OF AGENDA

Resolution PW20190813.001
MOVED: by Councillor L. Seely
that the agenda be accepted as presented.

Carried Unanimously

3. MINUTES APPROVAL

3.1 Council for Public Works Minutes, July 23, 2019

Resolution PW20190813.002
MOVED: by Councillor D. Woitt
to approve the minutes for the Council for Public Works meeting held July 23, 2019 as presented.

Carried Unanimously

4. REPORTS

4.1 Public Works Report (July 2019)

The 2019 Municipal Capital and Operating Budget was reviewed and approved by Council at the May 6, 2019 budget meeting. (Ref. Resolution#CG20190506.007)

The Business Plan for Business Unit 3201 Public Works (PW) Administration action states "Effectively manage the finances and resources of Public Works Administration". Therefore, Neil Powell, Director of Public Works presented the Public Works Report for the month of July as follows:

DIRECTORS REPORT
July was a very difficult month due to the many intensive rainstorms. Damage occurred throughout the County, but Division’s 6 and 7 were affected the most. Division 7 notably, suffered extensive damage to roadways, culverts and multiple bridge sites.
On July 20, 2019, a very intensive rainstorm hit the Alder Flats area. This storm did considerable damage by washing gravel from roads, washing out center-line culverts, and eroding roads and ditches. Rose Creek Road and BF 72784 suffered extensive damage with erosion along the roadway, drainage courses and Wolf Creek.

It is difficult to design and/or maintain infrastructure for a storm such as the July 20 storm event. This storm may have been a 1:500-year event as it did dump in excess of 150 mm over a 12-hour period. It simply was too much water, too fast.

Ditches and roadways with poor geometrics (i.e. low grade and shallow ditches) were the most affected. However, roads with decent grade elevation and ditch capacity were still overwhelmed. Some of the damage may have been avoided if the roads were in better geometric condition, but it is noted that new infrastructure such as Rose Creek Road, it’s culverts and ultimately the new bridge at Wolf Creek were severely damaged. The Rose Creek Road culverts and ditches had considerable capacity, but again, it was too severe of a storm for its design capacity.

Since the July 20 rain event, County crews have been in emergency repair mode. Many calls came in regarding blocked or damaged culverts and roadways severely eroded. Emergency repairs were done all over the region with particular immediate attention paid to the Rose Creek Road to save the pavement, but much remains to be done to get this site back to its pre-flood condition.

PW directed several employees to drive all the roads in Divisions 6 and 7 and were instructed to map and describe the storm damage. This will help PW to identify what needs intermediary repair and highlight areas that can benefit from future upgrading. This may include mini shoulder pulls, brushing, ditching, center-line replacements, erosion control devices etc.

Early mapping evidence indicates that there were over 100 road washouts. A washout is where the storm water eclipses the road top and washes over, depositing much of the gravel and road substrate in the opposite ditch and field. Many sites are repeat offenders and will be targeted for upgrades this year and in upcoming years.

It is estimated that the July storms may have caused damages nearing $500,000. PW is tracking all emergency repairs using two special Job Codes set up for Division’s 6 and 7. It is hoped that the majority of the repairs can be done this summer and fall, weather permitting. The Rose Creek Road and Wolf Creek repair will be the costliest endeavor.

Administration will have a better understanding of the July storm damage near the end of August or September and will present the incurred and estimated repair costs to Council for any adjustments to the 2019 PW budget. Options to fund the storm damage may include PW emergency reserves or the Clearwater Reserve.

**Shop Foreman Report**

Warranty repairs were completed on the following units:

- **MG0315** – 2015 Caterpillar 160M Grader – Warranty repair to moldboard slide cylinder and second repair to replace wiring.
- **MG0115** – 2015 Caterpillar 160M Grader – Warranty to replace steel transmission line.
- **MG0519** – 2019 caterpillar 140M3 Grader – Warranty to replace hydraulic valve.

As per the Commercial Vehicle Inspection Program (CVIP), the following vehicles were inspected for County service:

- **T3312** – 2012 Mack Truck GU713
- **TR0104** – 2004 Lowboy Trailer Triaxle.

Through Sole Source, the County purchased one padfoot packer from Strongco Equipment in the amount of $173,500 + GST for 2019 Volvo Padfoot Packer. (P1419)

**Utilities Foreman Report**

- Argentia Lift Station number 1 continued to have issues. Telus found that their communication line was faulty, preventing the operators from receiving phone calls
when the station went into alarm. Telus put the Argentia Lift Station 1 on to a better working communication line.

• Xylem was out to install pump delay timers in Argentia Lift Station 1. These timers were installed to prevent the pumps from faulting out when the flygt bulbs are experiencing high flow conditions and give a repetitive immediate on/off signal.

• Total Power was out to perform the annual maintenance on our Generator sets. The new gen sets at South Side Lift Stations 1,2, and 3 had minor deficiencies that were noted and will be repaired under warranty. Sunset Harbour Water Treatment Plant Gen Set failed the annual inspection. A quote was supplied to the condo board for repairs. The condo board is currently seeking other quotes.

• The High Flow Pump in the Winfield Water Treatment Plant failed. Canada Pump and Power was contacted, and a rental pump is in place to support high flow conditions such as firefighting and hydrant flushing. Currently the County is working with WSP to get a new pump designed and implemented. The old High flow pump was been removed and disassembled. It was discovered that the old high flow pump was not NSF rated. Operators also experienced trouble with the SCADA system as well as some of the instruments including flow meters and level indicators.

• The Used Oil Recycling tank at Peace Hills Transfer Station is being registered with the Petroleum Tank Management Association of Alberta (PTMAA).

• Operators have continued to open wastewater services in Crystal Keys and Village Creek Estates. A few issues have been found with the tank connections and owners have been contacted.

• The traffic pattern at the Gwynne Truck Fill has been reversed. This change was made due to complaints. Larger trucks were having a difficult time making the turn out of the truck fill and were also struggling to pull up close enough to be underneath the hoses.

• Operators have begun the hydrant maintenance program in Winfield. Operators have rebuilt Hydrant 19 and made it operational again.

• Several storms knocked power out to the lift stations and Mulhurst Lagoon during July. One of the storms on the north side of the lake overwhelmed the sewer system and a basement backed up. Vacuum trucks were called in a couple times to assist in moving the wastewater.

Road Foreman Reports

Division 1-5 (East End Foreman)

A mini shoulder pull was performed on RGE RD 11 from south of HWY 13 to Dorchester Development to narrow the flattened road and restore its width, shape & crown. This project also included minor ditch works to improve poor drainage adjacent to the roadway. RGE RD 11 was re-gravelled at a rate of 300 Tonne/mile.

- Due to heavy rains, crews were diligent unplugging culverts due to excessive beaver activity & floating/random debris.

- Multiple washout repairs to roads & approaches after heavy rainfall & storm events.

- Road repairs performed on TWP 480 (RGE RD 272-274) & TWP 475 (West of RGE RD 272) to fix continual stretches of soft spots.

- Road repairs to soft base areas within Mulhurst Bay (Anderson Meadows, Scott Ave east of 49 St, 58 Ave east of 49 St).

- Road repairs on Norris Beach road to alleviate problematic soft areas. Some ditching was also performed to aid in storm drainage.

- Multiple roadway locations cleared of fallen trees after rainstorms.

- Completed haul (private & county forces) of +/- 5000 Tonne of limestone aggregate product for stockpile inventory. This product has been tested in the past few months and is proving to be very effective in repairing areas of rural roads with base failures & major frost boils.

- Continued to perform drainage maintenance via the cleaning of culvert ends in Division 1.
- Continued to perform intersection assessment reviews as time & priority permits. Ongoing signage installation, garbage pick-up, traffic counter relocations.

- For much of July, east end staff were directed to aid in the emergency repairs throughout Division 6 & 7.

**Division 6-7 (West End Foreman)**
The following issues were caused due to the heavy rains:

- RGE RD 75 from TWP RD 460 north to TWP RD 464 water was going across most of the road.

- RGE RD 74 from TWP RD 460 north to TWP RD 464 water went across the road in numerous places.

- RGE RD 73 from TWP RD 460 north to TWP RD 472 water was going across the road in numerous areas.

- RGE RD 74A there was a major problem just south of TWP RD 472; a major wash out due to a plugged culvert.

- TWP RD 464 from Highway 22 east to RGE RD 63 water went across the road in numerous places.

- TWP RD 454 from Highway 22 east to RGE RD 62 water went across the road in numerous places.

- TWP RD 460 from the Rose Creek Bridge east on the south side of the road. The shoulder of the road washed away for about 250 meters.

There were numerous other areas where damage occurred but to a lesser extent. Most of the areas have been repaired by graveling and grading. The crews are also out with the rubber tired excavator cleaning out the ends of culverts and trying to remove gravel and debris from the ditches. The hope is by the middle of August all the damaged roads will be repaired. The culvert end and ditch cleaning will be ongoing for numerous years.

The recent rains have given us a good snapshot of how our infrastructure is working. Some areas were fine however there are areas especially west of Buck Lake that will need some improvement over the next few years. The staff are working hard but are only being able to get to the urgent issues, therefore some of the preventative maintenance issues are not getting completed. Crews are also addressing signs, garbage and beaver control.

**Right of Entry Agreements**
The following Right of Entry Agreement was signed in the month of July:

- 1206028 Alberta Ltd.; allowing County access to the property at NE 8-47-7 W5M to complete a culvert replacement and embankment repairs on RGE RD 74A between TWP RD 470 and TWP RD 472.

**Solid Waste Report**
Due to timing of the August meeting, the July 2019 Solid Waste Haul Totals will be presented at the September 2019 PW meeting for Council review.

**Road Use Agreements**
The July 2019 Road Use Agreement totals are as follows:

- Contaminated Haul: 0 Initiated; 1 Completed
- Integrity Dig: 2 Initiated; 2 Completed
- Pipeline: 6 Initiated; 4 Completed
- Special: 1 Initiated; 1 Completed
- Temporary Water Line: 1 Initiated; 0 Completed
- Waterwell: 1 Initiated; 1 Completed
- Wellsite: 5 Initiated; 5 Completed
There were 222 permits issued by Roadata regarding the use of County of Wetaskiwin roads within the month of July. There were 130 TRAVIS-MJ permits issued in July 2019 for a total of $1,885.00.

**GP Road Inspections**
There were 9 pre, 5 post inspections reported by Chris Patten for the month of July 2019.

Administration recommended that Council approve the Public Works Report for July 2019 as presented.

N. Powell presented a power point of photos (highlights below) showing the erosion caused by excessive rain in the west end of the county:

- Rose Creek Road (TWP RD 460)
- Wolf Creek
- BF 72784 - SSE 6-46-7 W5M
- RGE RD 74A - Plugged culvert and road washout
  - Screen has been placed in the culvert to stop debris and allow access for future maintenance
- Typical damage - road erosion and gravel loss
  - Sink hole in roadway
- Culvert damage
- Overview of cost of repairs.

The question was asked if funding has been applied for through the Disaster Relief Program (DRP). N. Powell stated that Administration will proceed with an application to DRP.

N. Powell informed Council that a Request for Quotes has been advertised for culvert repairs on RGE RD 31 and the RFQ closes on August 15, 2019.

Council was informed that there is currently over 400 hours of overtime charged by PW staff throughout this rainy weather. The graders are too heavy to go out but when it dries up the operators will be out.

Discussion ensued regarding road bans to keep the heavy traffic off the soft wet roads.

Councillor L. Seely asked if TWP RD 461 was a county road or not? N. Powell noted that it is still being investigated as the owner of this road.

Discussion ensued regarding the Winfield water system, the Scada system and the Canamex system.

Maintenance of the boundary road between Wetaskiwin/Camrose County requires grading and Council was informed that this road falls within Camrose maintenance.

The Shop Report notes that numerous repairs are done at Kenworth. N. Powell informed that our technicians could do the work but some of the work is sent to Kenworth due to a capacity issue in the PW shop.

**Resolution PW20190813.003**
MOVED: by Councillor B. Krahm
to approve the Public Works Report for July 2019 as presented.

Carried Unanimously

4.2 **Service Request Management Report (July 2019)**

The 2019 Municipal Capital and Operating Budget was reviewed and approved by Council at the May 6, 2019 budget meeting. (Ref. Resolution#CG201900506.007)

The Business Plan for Business Unit 3205 PW Maintenance action 1.3.1.1 states “Effectively manage the finances and resources of Public Works Administration”.

Carried Unanimously
Therefore, Neil Powell, Director of Public Works presented the Public Works Service Request Management report for the month of July as follows:

**Public Works Service Request**

**Division One:**
SRM 1987 – Closed
Councillor Krahn received a call from ratepayer Laverne Buchert. According to the ratepayer, the road is dirt and needs gravel.

PW Comment: D. Vikse, East-end Foreman drove the road on July 24, 2019, and notes there are significant issues with the structure itself; road base material is mainly black dirt, especially south of TWP RD 454. There seems to be adequate gravels, albeit compromised with organics; but the big issue is that the road edge is built up; i.e.: "lips". I have notified the Patrol Operator of this and he is to tear down the lips over the course of the next few weeks of patrol operations.

**Division Two:**
No SRM's to Report.

**Division Three:**
SRM 1993 – Pending
Councillor D. Woitt was approached by Clarence Claerhout (NW-29-46-24W4) about RGE RD 245. Mr. Claerhout thinks the road is too narrow as a Triple A painting truck went in the ditch. He also reported that a grader operator had hit the ditch in the winter. Please investigate as time permits.

PW Comment: D. Vikse, East-end Foreman reports that he measured the road surface width and it meets county standards (7.3m wide). The east ditch is however steeper (<2:1). County crews are planning to repair the ditch & bring the sideslope to current standards (3:1 likely, but 4:1 is the plan). These works will be completed when time and weather permits; but considering the flooding issues in the west end of the county, it may be pushed back due to staffing priorities.

**Division Four:**
SRM 1932 - Pending (Under Review)
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 which is endemic in the County. However, PW is taking measures to address many of the perennial problem areas in the County. This road segment will be scheduled for repair in 2019 (budget permitting) or in 2020.

SRM 2009 – Pending
Road Crew is to erect 60km/hr speed signs at TWP RD 475A (Snake Trail) from the West boundary of the Town of Millet to RGE RD 245A, (a distance of 885m). They are also to post 60 km/hr speed signs at RGE RD 245A (Snake Trail) From TWP RD 475A to TWP RD 480, a distance of 725m. Advisory signs of 30km/hr are to be posted before the curves on Snake Trail (TWP RD 475A) for east and west bound traffic, as per Council direction July 23, 2019.

**Division Five:**
SRM 1984 – Closed
Councillor Ken Adair received an email from Bob Riviere who had a culvert replaced last fall. Mr. Riviere is requesting a follow-up inspection. His email is copied below:
"Could use some rocks for rip rapping at the culvert you changed last fall. And some more gravel on the lane at where you changed the culvert."

PW Comment: The approach, culvert, riprap, and gravels in question all appear to meet current county standards per Policy 61.1.1. We will not be taking any further action unless directed otherwise.

SRM 2011 – Pending
Through Councillor K. Adair, there is a request from Allan Halter for gravel on the road within Pleasant Valley Acres (Byr-Anne Estates). The road leading to his driveway has been impassable over the last number of weeks - he has been stuck and has slid off the road twice. There is about 150 yards of County roadway leading to his driveway that is absolutely bare. (Allan Halter - 780-360-1007)

**Division Six:**
SRM 1980 – Pending
Council Public Works, August 13, 2019

Councillor Rooyakkers has a concern with TWP RD 472 west of HWY 20, then south on RGE RD 42. All the recently applied 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 TWP RD 470 east of RGE RD 42, which was just replaced is washing out. 

PW Comment: On July 17, 2019 the roads have been graded to remove the ruts. The gravel in the ditch will be picked up as time allows. The culvert crossing will be repaired.

Division Seven:

SRM 1587 – On Hold
Councillor L. Seely requested to extend the street lighting to the intersection of RGE RD 63 and Lakeshore Drive in the Hamlet of Buck Lake, as discussed during 2018 Strategic Planning sessions.

PW Comment: D. Murfitt responded on January 23, 2019, and reported that there is currently an existing pole on the north east corner of the intersection that should work. Fortis was contacted to install a streetlight.

Update: Administration sent another request to Fortis on July 26, 2019 – Tracking #87B710. N. Powell investigated the site and reports that there are two wooden stakes in place; one marked “new pole” and the other marked “x-men”.

SRM 2010 – Closed
As per Council direction, Road Crew are to install 30 km/hr speed signs in Evergreen Estates (TWP RD 462) and Maywood Subdivision (TWP RD 462) within the subdivisions. Also, 60 km/hr speed rate signs are to be posted at TWP RD 462 from RGE RD 60 to HWY 761, a distance of 816m.

PW Comment: Signs are posted.

SRM 2017 – Pending
Councillor Seely requested Public Works to investigate the drainage, flooding and road washout issues along the west and south boundary of the Buck Meadows Subdivision.

PW Response: the site was reviewed in 2018 by N. Powell and was subsequently surveyed in August 2018. The site again was visited in late July 2019 following the latest heavy rain events. The subject areas have again washed over the road in several sections. The plan is to clean out the ditch borrows along RR 64, replace one approach culvert and likely upgrade the culverts at the intersection to TR 464. Along TR 464, there is a low and natural draw that conveys a considerable amount of storm flow from south to north. There are some centreline culverts in place, but they are poorly positioned and undersized. The plan is to upgrade the centreline culverts, raise the road grade ~0.5 m and ditch some of the storm flow to the east. The upgrades may prevent road washouts in future rain events, but any system if over capacity, will again overflow.

Administration recommended that Council accept the Service Request Management Report for July 2019 as presented.

Discussion ensued regarding the scheduled repair of the road past Pipestone School (SRM 1932). Administration informed that if the repair is not completed in 2019, the road will be signed in spring 2020 and possibly a road ban may be implemented.

A discussion ensued regarding public complaints over gravelled roads being bladed without a centre crown. It was indicated that many of the roads of question are maintained by third party motor grader operators; a condition of the Road Use Agreement which is typically set up for oil and gas companies. The oil and gas company is authorized to hire a contract grader to maintain certain segments of road during and after haul events. These third party graders do not do a good job of maintaining a road crown. Often during a haul, the road will get pushed wider and flatter and it takes considerable work to shape the road back to its original condition.

Resolution PW20190813.004

MOVED: by Councillor K. Adair

that Council approve Council accept the Service Request Management Report for July 2019 as presented.

Carried Unanimously

4.3 Project Costing Report – July 2019 - Report
The 2019 Municipal Capital and Operating Budget was reviewed and approved by Council at the May 6, 2019 budget meeting. (Ref. Resolution#CG20190506.007)

The Business Plan for Business Unit 3201 PW Administration action states “Effectively manage the finances and resources of Public Works Administration”.

To the end of July 2019 represents 58% of the budget year.

Public Works Budget

3201 Administration Budget: $4,384,465 with $2,854,241 expended to date (65% of the budget). Tracking as expected with the majority of the fleet capital purchases completed.

3202 Fleet Management Budget: $4,334,740 with $1,400,482 expended to date (32% of the budget). Third-Party repairs are tracking higher than expected. Salaries and Materials, Supplies and Utilities are tracking as expected. Transfer to Capital, an expense, will occur late in the year. Sales are tracking at 48% of budget which is considered below expectations. The reduced sales are due to poor weather in July restricting outside construction and maintenance activities.

3203 Funded Projects Budget: $11,433,691 with $640,128 expended to date (5.5% of the budget). Work will begin in August on many capital projects. Notably, the G3 Resource Road and bridge replacement projects.

3204 Patrol Operators Budget: $2,570,000 with $1,266,398 expended to date (49% of the budget). Tracking below expectations due to poor weather in July and many down days.

3205 Road Maintenance Budget: $2,623,248 with $1,439,139 expended to date (55% of the budget). Tracking as expected, however, costs associated with the damages caused by the numerous intensive rainstorms have yet to be realized. Costs are also tracking below expectations due to wet conditions, delaying many planned road maintenance initiatives.

3206 Road Construction Budget: $3,258,637 with $428,374 expended to date. (13% of the budget). Poor weather in July limited work in this department.

3207 Paved Roads Budget: $402,118 with $5,400 expended to date. (13.4% of the budget). PW will need decent weather in August to complete the planned maintenance activities.

3208 Graveling Budget: $3,272,697. The balance of the 2019 program requires approximately 34,000 tonnes of the remaining 167,446 tonnes budgeted. 82% of the 2019 graveling program is complete; remaining work includes summer patching to select areas and undesignated graveling. Due to poor weather, a limited amount of the summer graveling program was completed.

Utilities Budget:

4100 Water Services Budget: $355,550 with $262,765 expended to date (74% of the budget). Tracking higher than expected. Increased costs are due to labour, repairs to equipment and equipment purchases. Pump and equipment failures have hit the department hard. A request for additional funds to the 2019 budget will be under separate report.

4200 Wastewater Services Budget: $2,019,232 with $1,083,015 expended to date (54% of the budget). Salaries are down as Operators are spending an inordinate amount of time dealing with issues in the Water Services department. The Alder Flats Sewage Collection Expansion capital project is delayed and will be rescheduled to the 2020 budget.

4300 Solid Waste Management Budget: $1,336,324 with $579,688 expended to date (43% of the budget). Tracking below expectations due to delays in planned upgrades to the transfer stations. This includes fencing at Lakedell, attendant shack upgrades; and the construction of tire storage in Millet, bin walls in Gwynne and Transtor grease banks.
Administration recommended that Council accept the Public Works and Utilities – Project Costing Report to July 31, 2019 as presented.

Discussion ensued on repairs to Battle Lake Trail. Councillor K. Rooyakkers informed that she receives numerous calls on this road. The weather is holding up progress on completion of this road repair.

Township Road 460 (G3 Resource Road) was discussed, noting that the road will be paved from the G3 approach and east. Discussion is ongoing with landowners to the west of G3 entrance.

Bridge File 8191 was discussed noting that the tender results will be brought forward at the September 2019 Council for Public Works meeting.

Due to timing of this PW meeting, payroll is not included in the budget numbers reported, therefore Council will notice a greater increase in the report for August 2019.

Putting pressure on the contractor of Battle Lake Trail may be ineffective as the contractor is already losing money on a daily basis.

Resolution PW20190813.005
MOVED: by Councillor D. Woitt
that Council approve the Public Works and Utilities – Project Costing Report to July 31, 2019 as presented.

Carried Unanimously

5. UNFINISHED BUSINESS

5.1 Proposed Amendment to Traffic Control Device Bylaw 2018/35 - Report

At the July 23, 2019 Council for Public Works meeting, Council was presented with proposed amendments to the Traffic Control Device Bylaw 2018/35. At that time, Council provided First and Second reading (Ref. Resolution #PW20190723.015 and Resolution #PW20190723.016). A vote for Third Reading was not unanimous and therefore, the bylaw was not approved.

Council reviewed the proposed amendments to By-law 2018/35 Traffic Control Devices - Appendix ‘A’. At that time, discussion ensued regarding the installation of signage at the intersection of RGE RD 263 and TWP RD 474, with the recommendation from Admin being a Yield sign for northbound traffic. Councillor J. Bishop requested a STOP sign for eastbound traffic on TWP RD 474 at the intersection of RGE RD 263. (Ref. Resolution #PW20190723.017).

The intersection of RGE RD 263 and TWP RD 474 contains a speed corner which resides on private lands. Public Works recommends the removal of the speed corner and re-establish the flow of traffic to the T-intersection, whereby northbound traffic is to be controlled with a Yield sign. Although there is limited traffic from the west, the placement of the Yield sign at the intersection follows the County’s standard guidelines when considering traffic control at T-intersections and is intended to eliminate motorist confusion when approaching and using the intersection.

PW conducted a test at the intersection to determine the time required to navigate the speed curve versus using the T-intersection configuration. The test was recorded at a speed of 30 km/hr. The result was as expected; the speed curve was seven seconds quicker than that of approaching the T-intersection at 30 km/hr, slowing to yield, then making a safe turn.

Regardless of the chosen traffic control, the intersection would need a bit of work to deal with the island of grass between the T-intersection and the speed curve. The tall canary grass severely limits the visibility of east bound traffic. The recommendation remains to install a Yield sign for north bound traffic and improve the T-intersection with blading, mowing of the tall grasses and some brushing.

Administration is recommending the following amendments:
- RGE RD 263 and TWP RD 480: install STOP sign at intersection for north bound traffic;
- RGE RD 263 and TWP RD 474: install YIELD sign at T-intersection for north bound traffic;
- RGE RD 263 and TWP RD 473: install YIELD sign at T-intersection for east bound traffic;
- RGE RD 263 and TWP RD 472: install YIELD sign at intersection for north bound traffic;
- RGE RD 263 and TWP RD 471: install YIELD sign at T-intersection for west bound traffic;
- RGE RD 263 and TWP RD 470: install YIELD sign at intersection for north bound traffic;
- RGE RD 263 and TWP RD 464A: install YIELD sign at T-intersection for east bound traffic;
- RGE RD 263 and TWP RD 464: install YIELD signs at intersection for east and west bound traffic;
- RGE RD 263 and TWP RD 451: install YIELD sign at T-intersection for west bound traffic;
- RGE RD 12 and TWP RD 452: install YIELD signs for north and south bound traffic; deleting Identifier 1491 from Schedule A which references the existing Stop sign on for north bound traffic;
- RGE RD 12A and TWP RD 452: install YIELD sign at T-intersection for south bound traffic;
- RGE RD 12 and TWP RD 460 install STOP sign at intersection for north bound traffic;

and that the amending Bylaw 2019/41 Traffic Control Devices, Appendix 'A' be presented for Third reading.

Administration recommended that Council approve the above additions/deletions to the Traffic Control Device Bylaw and that the amended Traffic Control Devices Bylaw 2019/41, Appendix 'A' be presented for third reading.

Discussion ensued regarding the amount of traffic using RGE RD 263 and TWP RD 474 and whether or not there should be signage posted at this T-intersection.

**Resolution PW20190813.006**

MOVED: by Councillor L. Seely

that the proposed Traffic Control Bylaw 2019/4, Schedule A be amended by removing the proposed yield sign at RGE RD 263 and TWP 474.

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<td>Reeve T. Van de Kraats</td>
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**Results**

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Carried (6 to 1)
By-law 2019/41 Traffic Control Devices is a bylaw of the County of Wetaskiwin No. 10 in the Province of Alberta for the purpose of amending Bylaw 2018/35, Schedule A, Traffic Control Devices on Highways under the direction, control and management of the County of Wetaskiwin.

Resolution PW20190813.007
MOVED: by Councillor L. Seely

that Traffic Control Device Bylaw 2019/41 be given Third Reading and it be declared finally passed and the Reeve and Chief Administrative Officer be authorized to sign same and affix thereto the corporate seal of the County of Wetaskiwin No.10.

Carried Unanimously

5.2 Purchase Process for Small Boat and Trailer -Report

At the July 23, 2019 Council for Public Works meeting, Council reviewed the Public Works report where Administration noted a boat and boat trailer were purchased for County use. Council requested the Chief Administrative Officer to explain the tendering and purchasing process for this purchase. (Ref. Resolution #PW20190723.005)

Administration provided the following report regarding the purchase of a small boat, motor, cover and trailer:

- In late spring of 2018, G. Lynch, Director of Parks and Recreation approached S. Majek, Director of Ag Services and N. Powell, Director of Public Works to discuss the need for a small boat.
- Each department determined the boat could be used for the following maintenance operations:
  - Utilities – for sewage lagoon maintenance
  - Ag Services - for beaver control
  - Parks – for placing buoys, floating rope, docks, etc.
  - By-law -Land/shore (MR/ER) inspection and enforcement.
- The consensus of the discussion was that a boat would be used by multiple departments. In the past, the County used two canoes tied together to create a catamaran used to complete the above listed tasks. Staff felt unsafe when using the canoes to perform these duties; particularly on windier days and rougher waters. Transporting the two canoes tied together was also a safety issue, as the trailer is used to haul the quad, mower or side-by-side.
- All three departments (Parks, Utilities and ASB) agreed to pay a one third share of the boat expense through their respective 2019 operating budgets as it did not meet the criteria for the capital threshold (i.e. less than $5,000). This was based on initial cost estimates acquired by G. Lynch., therefor the boat did not appear on the 2019 Fleet Capital purchase program.
- May 2019, G. Lynch took the lead on the purchase, with Parks Foreman L. Tomlinson pricing and purchasing the unit locally at West Country Leisure (i.e. Buck Lake Bob’s). Other sources were compared before making the purchase.
- This spring and summer, the boat has been used to install docks, floating rope and buoys at Mulhurst Bay and Viola Beach; Utilities staff in the lagoons; ASB for beaver control; and By-law used it for enforcement at Buck lake on June 14, 2019.

FINANCIAL:
- The cost of the items purchased from West Country Leisure "Buck Lake Bob’s“ included:
  - 2014 Lund Jon 1448 Boat $2,490
  - Mercury Outboard Motor $1,690
In looking at the cost of the boat inclusive of its motor and cover, the net costs amount to $4,405.95. This is below the threshold of $5,000 for equipment capitalization and is subject to the tendering policy Section B (2) Goods or Services greater than $1,0000.00 but less than $20,000.00. The purchase was sourced locally. A trailer is considered a separate piece of equipment and its cost should not be included in the total cost of the boat.

Following the purchase, Finance contacted Fleet regarding the cost of the boat and requested a unit number and hourly charge out rates. At the time, a cursory review of the total invoice was in excess of the $5,000 capital limit, therefor setting in a process to capitalize. Fleet erred in setting up an hourly capital and expense recovery program for the boat (and accessories) as it was not necessary. This was in error, and the boat will now be removed from Fleet Capital.

Administration recommended that Council accept this report regarding the purchase of the boat, motor, cover and trailer as information.

Discussion ensued regarding the invoicing of the boat and the threshold of the capital purchases.

**Resolution PW20190813.008**

MOVED: by Councillor B. Krahn

That Council accept this report regarding the purchase of the boat, motor, cover and trailer as information.

Carried Unanimously

8. **ADJOURN**

**Resolution PW20190813.009**

MOVED: by Councillor L. Seely

that the Council for Public Works meeting be adjourned at 10:05 am.

Carried Unanimously

Meeting Date (Report Reference Only): 2019/09/26
Meeting (Report Reference Only): Council Public Works

Background

The 2019 Municipal Capital and Operating Budget was reviewed and approved by Council at the May 6, 2019 budget meeting. (Ref. Resolution#CG20190506.007)

The Business Plan for Business Unit 3201 PW Administration action states “Effectively manage the finances and resources of Public Works Administration”. Therefore, Neil Powell, Director of Public Works presented the Public Works Report for the month of August as follows:

DIRECTORS REPORT

Between rains, crews were busy in Divisions 6 and 7 dealing with the damage of the July rain storms. This included repairing and re-gravelling numerous roads due to washouts, culvert overflows and erosion. Much of the area has been stabilized to make the roads safe to use. It is estimated that the July storms have caused up to 1 million dollars in damage. Public Works has been tracking the reclamation work and has itemized the projects as follows:

1. Road Restoration and Gravelling (Divisions 6 and 7): Estimated Costs $300,000
2. Range Road 31 Large Culvert Installation: Estimated Costs $150,000
3. Range Road 75A Jimbob Installation: Estimated Costs: $150,000
4. Township Road 461 Large Culvert Installation: Estimated Costs $125,000
5. Rose Creek Road Flood Repair: Estimated Costs: $175,000

Actual costs should be realized in 2019 for Projects 1 and 2. Due to the time of year and ongoing wet conditions, Projects 3,4 and 5 will be scheduled for 2020. By the end of September 2019, all of these projects will be submitted for disaster assistance through the Alberta Emergency Management Agency (AEMA), Disaster Recovery Program (DRP). The application is a lengthy process with no guarantee of gaining the grant. The storm event has to meet certain criterion with respect to intensity, duration and frequency (e.g. the storm must exceed a 1 in 50-year event in a rural area. Also, the disaster qualifies for assistance if it is widespread and extraordinary, and with the damage affecting multiple jurisdictions and residents.

Capital Projects:
• 3206 Road Construction
  o RR 241 Shoulder Pull and Subgrade Stabilization: County crews approximately 90% complete. This capital project included a shoulder pull, clearing and drainage improvements. Remaining work includes slope trimming, culvert riprap, clearing and grubbing and a second application of surface gravel.
  o TR 472 Clay Cap and Shoulder Pull: work is complete (Central Construction Ltd.)
  o TR 454 Clay Cap and Shoulder Pull: work is 20% complete; Central will work till freeze up. Due to the many rain days, this job will carry over to 2020.
  o TR 462 Battle Lake Trail: work is 90% complete (Netook Construction Ltd.). Ongoing delays due to weather and Contractor’s efforts.

• 3203 Funded Projects
  o G3 Resource Road: Iron Addicts Ltd. (Contractor) will be working to freeze up. The project is allowed to carry over to 2020 as stipulated in the completion date of the contract. Expected work completion for 2019 includes a section of RR 240 to be graded to its final design and the installation of three new bridges.
  o Hamlet Stormwater Management Study: this study is now complete. WSP will be invited to the October Public Works Council meeting to give an overview presentation of the study findings.
  o Hamlet Infrastructure Plan: work is ongoing with a target completion date of November 2019.
  o Bridge Files 8191 and 71375 tenders have recently closed and are awaiting council approval to proceed.

• 4200 Wastewater Services
  o South Pigeon Lake Regional Wastewater System (Phase II): work is substantially complete. There has been some frustration in the commissioning of Lift Station 3 with key components not functioning as required. It is expected to have many of these last outstanding deficiencies corrected by mid to late September 2019. The summer villages of Poplar Bay and Grandview are ready to pump their effluent.
  o Alder Flats Wastewater Collection Expansion: working with WSP to re-tender the project this November 2019 for construction in 2020. It is expected that the timing of the tender close and construction schedule should attract a number of competitive bids.

On September 9, 2019 a County Peace Officer inquired about the road ban signs posted on TWP RD 464 between HWY 2A and RGE RD 245 (Golf Course Road). Previously, the ban order implemented a 50% ban on the first two miles west of HWY 2A but in the spring of 2019, the April 8, 2019, Ban Order included one additional mile on TWP TD 464, which read:
“Township Road 464 from Highway 2A to Range Road 245 (Golf Course Road) (3 miles) 50%.”

Administration inspected the road and determined that the ban should read:

“Township Road 464 from Highway 2A to Range Road 244 (Golf Course Road) (2 miles) 50%”, as the mile of roadway on TWP RD 464 from RGE RD 244 to RGE RD 245 is stabilized subgrade and sealed surface. A seasonal ban (April-June) is the necessary protection and not a 50% weight restriction throughout the year. The amendment was made to the Road Ban Order, which has been signed by CAO R. Hawken and Reeve T. Van De Kraats, with an effective date of September 13, 2019 at 8:00 am.

**Shop Foreman Report**

Warranty repairs were completed on the following units:

- MG0115 – 2015 Caterpillar 160M Grader – Warranty to repair electrical wiring that was rubbed through.

As per the Commercial Vehicle Inspection Program (CVIP), the following units were inspected for County service:

- T5816 - 2016 Western Star- WB123064
- TR0514 - 2014 Load Trail 25ft Trailer
- TR0305 - 2005 Loadline Tridem pup

**Utilities Foreman Report**

- Argentia # 1 Lift station continued to have issues. Xylem returned to the site to replace a relay, but pump fault and high-level alarm issues persisted.

- Dart Electric and Utility Operators replaced the Flygt bulbs in the Itaska #2 Lift Station.


- Utility Operators completed sewer flushing in Winfield and Alder Flats.

- Cummins failed to replace the Transfer Switch Controller at the Gwynne Pump House. On the first visit, the wrong part was brought out, on the second visit a faulty part was brought out.

- Rainstorm hit Mulhurst on August 8, 2019 and overwhelmed the sanitary sewer. Vacuum trucks were called in to relieve the excess volumes of water.
• Operators have continued to open wastewater services in Crystal Keys and Village Creek Estates.

• South Side 3 Lift station is nearing completion. There are a few items WSP and the County Operators are working on before the station is considered ready for operations.

• A pump priming timer was added at the Gwynne Truck Fill to alleviate customer concerns. Customers had mentioned that the meter would start to ramp up before any water was discharged.

• Due to a high volume of rainwater over the summer, the Utilities department was forced to do an emergency release of the Winfield Lagoon. Alberta Environment and Parks was notified of the emergency release. The emergency release lasted for 22 hours and sampling of the discharge was performed.

Road Foreman Reports

Division 1-5 (East End Foreman)

• A shoulder pull was performed on RGE RD 241 from City of Wetaskiwin limits to TWP RD 460 to narrow the flattened road and restore its proper width, shape & crown. This project also includes two centerline culvert installations & minor ditch work to improve poor drainage adjacent to roadway. RGE RD 241 to be re-graveled in September after works are completed.

• Road repairs were performed on RGE RD 260 approximately 1.5 miles north of HWY 13 to fix a perpetual soft spot. Compacted limestone was used to fortify the road base. This was covered with 3/4” road crush.

• Ditch repairs were performed at two areas within Mulhurst Bay (North leg of 49 St and drainage channel adjacent to Argentia Lift Station) to improve area drainage. These ditches will be top-soiled and bladed to a mow-able state in September.

• Storm outfall to Pigeon Lake off of Norris Beach road was completed with the application of heavy riprap to alleviate erosion and prevent sediment dispersal into the lake.

• Summer gravel patching completed in Divisions 1 & 5.

• Pothole patching underway in various locations throughout the East County.

• Multiple roadway locations cleared of fallen trees after rainstorms.

• Continued to perform intersection assessment reviews as time & priority permits.

• Ongoing signage installation, garbage pick-up, traffic counter relocations.

• For much of August, many east end staff were directed to aid in emergency repairs throughout Divisions 6 & 7.
Division 6-7 (West End Foreman)

Due to the heavy rains:

- RGE RD 75 from TWP RD 460 north to TWP RD 464 water was going across most of the road.
  - Re-graveled where gravel was washed off road.
- RGE RD 74 from TWP RD 460 north to TWP RD 464 water went across the road in numerous places.
  - Re-graveled where gravel was washed off road.
- RGE RD 73 from TWP RD 460 north to TWP RD 472 water was going across the road in numerous areas.
  - Re-graveled where gravel was washed off the road.
- RGE RD 74A there was a major problem just south of TWP RD 472 a major wash out due to a plugged culvert.
  - The culvert has been cleared and a secondary overflow culvert has been installed
- TWP RD 464 from Highway 22 east to RGE RD 63 water went across the road in numerous places.
  - Re-graveled where gravel was washed off road.
- TWP RD 454 from Highway 22 east to RGE RD 62 water went across the road in numerous places.
  - Debris was removed from the culverts and an assessment is being done to determine a solution.
- TWP RD 460 from the Rose Creek Bridge east on the south side of the road. The shoulder of the road washed away for about 250 meters.
  - Material was imported to support road base and pavement. This project is not complete.
- Jim-Bob bridge was installed on RGE RD 75A south of TWP RD 450.
- Culverts south of Hwy 13 and west of Hwy 22 have had the ends cleaned and checked with minor ditching.
- crews are also addressing signs, garbage, beaver control.

Right of Entry Agreements

The following Right of Entry Agreement was signed in the month of August:

- Timothy Grahn and John Chwyl, to allow County crews and Contractors to access SE 23-46-3 W5M; 463016A RGE RD 31 for large culvert installation on RGE RD 31.
- White’s Nisku Rig Repair Ltd., to allow County crews and Contractors to access SW 24-46-3 W5M; 463025 RGE RD 31 for large culvert installation on RGE RD 31.
**Solid Waste Report**

July and August Solid Waste Haul Totals are presented for Council review.

Nine (9) 40-yard bins of ash were removed from the burn pit at Lakedell transfer station and taken to West Dried Meat Lake Regional Landfill for disposal (62,710 kg).

**Road Use Agreements**

The August 2019 Road Use Agreement totals are as follows:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Initiated</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contaminated Haul</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Hauler</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Integrity Dig</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Pipeline</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Waterwell</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Wellsite</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>Sewage</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Temporary Water</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

There were 217 permits issued by Roadata regarding the use of County of Wetaskiwin roads within the month of August. There were 173 TRAVIS-MJ permits issued in August 2019 for a total of $2,508.50.

**GP Road Inspections**

There were 11 pre, 11 post inspections reported by Chris Patten for the month of August 2019.

**Recommendations**

Administration recommends that Council approve the Public Works Report for August 2019 as presented.

**Recommended Resolution**

that Council approve the Public Works Report for August 2019 as presented.
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 8, 2019 the following maximum allowable weights will be permitted on local roads in the County of Wetaskiwin No. 10:

### GRAVELED SEASONAL ROAD BANS

<table>
<thead>
<tr>
<th>Description</th>
<th>Percentage Axle Weights</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAVELED SURFACES NOT IDENTIFIED BY ANNUAL ROAD BANS</td>
<td>75%</td>
</tr>
</tbody>
</table>

### PAVED SURFACE SEASONAL ROAD BANS

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Range Road 63 from Hwy 13 to TR 464 (4 miles)</td>
<td>75%</td>
</tr>
<tr>
<td>Range Road 240 from Hwy 814 north to Township Road 481 (2 miles)</td>
<td>75%</td>
</tr>
<tr>
<td>Township Road 460 from Range Road 74 to Township Road 80 (2 miles)</td>
<td>90%</td>
</tr>
<tr>
<td>Range Road 424 from Hwy 814 to Township Road 473,5 (1.5 miles)</td>
<td>75%</td>
</tr>
<tr>
<td>Township Road 470 from Hwy 771 to Poplar Bay (1.1 miles) Provincial Park Rd</td>
<td>90%</td>
</tr>
<tr>
<td>Township Road 470 from Hwy 771 west to Range Road 31 (end of pavement 6 miles)</td>
<td>75%</td>
</tr>
<tr>
<td>Township Road 470 from Hwy 2A West to Hwy 2 (Correction Line)</td>
<td>90%</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Range Road 10 between Township Road 472 &amp; Township Road 472.75 (.75 miles)</td>
<td>50%</td>
</tr>
<tr>
<td>Range Road 10 South of Secondary Highway 616 to Scott Avenue (1.5 miles) and all roads within Cameron Highlands</td>
<td>75%</td>
</tr>
<tr>
<td>Range Road 12 North of Lakedell Transfer Station to Summer Village Boundary</td>
<td>50%</td>
</tr>
<tr>
<td>Range Road 61 &amp; Range Road 61A from Hwy 13 to Lakeshore Drive in Buck Lake (1.25 miles)</td>
<td>75%</td>
</tr>
<tr>
<td>Range Road 243 between Township Road 473 and Township Road 472 – East boundary of Town of Millet (C &amp; E Trail)</td>
<td>50%</td>
</tr>
<tr>
<td>Range Road 243 South of Township Road 474 (1.25 miles)</td>
<td>50%</td>
</tr>
<tr>
<td>Range Road 243A from Township Road 474 to Township Road 473</td>
<td>50%</td>
</tr>
<tr>
<td>Range Road 244 between Township Road 474.5 and Township Road 474 (.5 mile)</td>
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<td>Township Road 460 between Range Road 54 to Range Road 55 (1 mile)</td>
<td>75%</td>
</tr>
<tr>
<td>Township Road 460A and Lakeshore Drive (Range Road 61) to the Bridge within the Hamlet of Buck Lake</td>
<td>50%</td>
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<td>Township Road 463 from Hwy 780 east for .75 miles (Wicked Witch)</td>
<td>50%</td>
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<tr>
<td>Township Road 464 from Highway 2A to Range Road 245 (Golf Course Road) (3 miles)</td>
<td>75%</td>
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<tr>
<td>Township Road 471 from Range Road 241 to Range Road 242 (1 mile)</td>
<td>50%</td>
</tr>
<tr>
<td>Township Road 472, West 2 miles from Secondary Highway 814 (2 miles)</td>
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### ROADS EXEMPTED FROM SEASONAL ROAD BANS

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<tr>
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</tr>
<tr>
<td>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</td>
<td>100%</td>
</tr>
<tr>
<td>Within the Hamlet of Buck Lake from Range Road 63 east to the Bridge (Range Road 62.5)</td>
<td>100%</td>
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### 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*
County Administrator

*Terry VanDeKraats*
County Reeve
ORDER BY THE COUNCIL OF THE COUNTY OF WETASKIWIN NO. 10

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., September 13, 2019 the following maximum allowable weights will be permitted on local roads in the County of Wetaskiwin No. 10:

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### HAMLETS AND SUBDIVISIONS

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<tbody>
<tr>
<td>Oil Surfaced roads in Subdivisions</td>
<td>50%</td>
</tr>
<tr>
<td>All other Oiled Surfaced roads within the County of Wetaskiwin</td>
<td>50%</td>
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### ROADS EXEMPTED FROM SEASONAL ROAD BANS

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Rod Hawken  
Chief Administrative Officer

Terry VanDeKraats  
County Reeve
### WEST DRIEDMEAT LAKE
Data Compilation - Transfer Stations
January 1 - December 31, 2019

|                  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  | # Users | Loads | Weight  |
|------------------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
|                  |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |
|                  | Bearhills | Hilgartner | Lakedell | Hilt | Peace Hills | Recycling-Ag Plastics | OTHER |
| July  | 278    | 4      | 14,110  | 187   | 2      | 6,100   | 1320   | 18    | 74,865  | 1102   | 9      | 42,940  | 344    | 3      | 15,620  | 2      | 1,870   |
| August | 273    | 4      | 16,140  | 200   | 3      | 12,300  | 1303   | 27    | 145,336 | 1113   | 10     | 62,840  | 340    | 5      | 15,620  | 1      | 1670    |
| September |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |
| October |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |
| November |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |
| December |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |       |         |         |
| TOTALS | 1993   | 22     | 87,130  | 1399   | 20     | 67,370  | 8199   | 124   | 566,368 | 7981   | 74     | 366,721 | 2323   | 24     | 63,980  | 1      | 1670    |
|                  | Winfield | Buck Lake | Gwynne | Mullhurst | Crossroads Waste | TOTALS | Mattresses |
| July  | 408    | 8      | 29,977  | 1181   | 14     | 65,224  | 558    | 8     | 22,930  | 887    | 23     | 96089   | 6275   | 91     | 367,720 | July   | 67     |
| August | 468    | 8      | 28,950  | 1199   | 14     | 65,885  | 514    | 10    | 32,650  | 913    | 17     | 78,218  | 6323   | 99     | 459,650 | August  | 58     |
| September |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         | September | 15   |
| October |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         | October | 0      |
| November |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         | November | 0      |
| December |       |         |         |       |         |         |       |       |         |         |       |         |         |       |         |         | December | 0      |
| TOTALS | 2942   | 57     | 186,961 | 7418   | 102    | 406,539 | 3448   | 71    | 244,200 | 5273   | 114    | 433,572 | 40976  | 619    | 2,456,670 | 0      | 264    |
Service Request Report – August 2019 - Report

Meeting Date (Report Reference Only): 2019/09/26
Meeting (Report Reference Only): Council Public Works

Background

The 2019 Municipal Capital and Operating Budget was reviewed and approved by Council at the May 6, 2019 budget meeting. (Ref. Resolution#CG201900506.007)

The Business Plan for Business Unit 3205 PW Maintenance action 1.3.1.1 states “Effectively manage the finances and resources of Public Works Administration”. Therefore, Neil Powell, Director of Public Works presented the Public Works Service Request Management report for the month of August as follows:

Public Works Service Request

Division One:
No SRM’s to report.

Division Two:
No SRM’s to report.

Division Three:
SRM 1993 – Pending
Councillor D. Woitt was approached by Clarence Claerhout (NW-29-46-24 W4M) about RGE RD 245. Mr. Claerhout thinks the road is too narrow as a Triple A painting truck went in the ditch. He also reported that a grader operator had hit the ditch in the winter. Please investigate as time permits.

PW Comment: D. Vikse, East-end Foreman reports that he measured the road surface width and it meets county standards (7.3m wide). The east ditch is however steeper (<2:1). County crews are planning to repair the ditch & bring the sideslope to current standards (3:1 likely, but 4:1 is the plan). These works will be completed when time and weather permits; but considering the flooding issues in the west end of the county, it may be pushed back due to staffing priorities.

SRM 2022 – Closed
Requested by Councillor D. Woitt to review the condition of RGE RD 250 from HWY 13 south to the Reserve. Reports of mud and a need for gravel. Please investigate and report back.
PW Comment: The motor grader was able to bring up enough gravel on RGE RD 250 (HWY 13-TWP RD 460). It should be adequate until we resume the scheduled gravel program. From there, it may be supplemented under the summer patching program.

Division Four:
SRM 1932 - Pending
Councillor J. Bishop reported that east from Pipestone School the road has major frost boil issues with black dirt mounds developing along the road.

PW Comment: This road segment will be scheduled for repair in 2019 (budget permitting) or in 2020. 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.

SRM 1856 – Pending
RGE RD 254 South of HWY 616 - Councillor J. Bishop has concerns that the pit run has still not been dealt with and the road continues to have little gravel as the operator cannot get down deep enough to rejuvenate the gravel. What solutions do you suggest?

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. PW has scarified and removed rocks in the past on this road and this can be done again. 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 up through the subgrade. It will be considered during the 2020 budget process.

SRM 2009 – Closed
On the 2019 Road Tour, Council saw the need for a speed reduction along TWP RD 475A west of Millet. Therefore, as per Council Resolution PW20190723.012, Road Crew is to erect 60km/hr speed signs at TWP RD 475A (Snake Trail) from the West boundary of the Town of Millet to RGE RD 245A, (885m). They are also to post 60 km/hr speed signs at RGE RD 245A (Snake Trail) From TWP RD 475A to TWP RD 480, (725m). Advisory signs of 30km/hr are to be posted before the curves on Snake Trail (TWP RD 475A) for east and west bound traffic.

PW Comment: Speed rate and advisory signs have been installed based on amendments to the Traffic Control Bylaw.

Division Five:
SRM 2011 – Closed
Through Councillor K. Adair, there is a request from Allan Halter for gravel on the road within Pleasant Valley Acres (Byr-Anne Estates). The road leading to his driveway has been impassable over the last number of weeks - he has been stuck and has slid off the road twice. There is about 150 yards of County roadway leading to his driveway that is bare.
PW Comment: This road was never upgraded dating back to its original permit for development; (i.e. when the cabin was constructed). As it was never upgraded, it should be considered an undeveloped road allowance. This issue of its poor condition is a result of the owner recently obtaining power from Fortis. The work by Fortis included brushing and installation of power poles and buried power; this caused the damage to the existing road. PW has since bladed and graveled the roadway and is now part of our regular rotation to maintain.

SRM 2023 – Closed
The following request came in from Councillor K. Adair. Please advise if the regularly scheduled patrol for RGE RD 11, north of HWY 13 might be in the area before the weekend.

PW Comment: Road Foreman reported that the grader was on RGE RD 11 later that same day (Aug 14/19).

SRM 2051 – Pending
Councillor K. Adair received an email from Irene Demskie requesting an update regarding the stakes put in the ground marking repairs at 39th Street in Mulhurst.

PW Comment: The road was inspected and there will be improvements/repairs made due to base failure. A limestone/clay mixture will be used, with a road crush applied for winter.

Division Six:
SRM 1980 – Pending
Councillor K. Rooyakkers has a concern with TWP RD 472 west of HWY 20, then south on RGE RD 42. All the recently applied 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 TWP RD 470 east of RGE RD 42, which was just replaced is washing out.

PW Comment: On July 17, 2019 the roads have been graded to remove the ruts. The gravel in the ditch will be picked up as time allows. The culvert crossing will be repaired.

SRM 2018 – Closed
Councillor K. Rooyakkers received a call from Tim Grahn regarding the state of RGE RD 31. The Bridge has been marked but no repairs are being done. The road requires grading. Please investigate.

PW Comment: An RFQ was sent to 5 qualified contractors which closed on August 15, 2019. The contract to install a culvert at RGE RD 31 was awarded to Open Excavation Inc. The work began September 16, 2019. The road is bladed as part of its regular rotation. There is some work to be done to shape the road and re-establish a crown.

Division Seven:
SRM 1587 – Pending
Councillor L. Seely requested 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.
PW Comment: D. Murfitt responded on January 23, 2019, and reported that there is currently an existing pole on the north east corner of the intersection that should work. Fortis was contacted to install a streetlight.

Update: Administration sent another request to Fortis on July 26, 2019 – Tracking #87B710. N. Powell investigated the site and reports that there are two wooden stakes in place; one marked “new pole” and the other marked “xmer”. Recently, N. Powell has been in contact with Fortis and there may be progress. Fortis is confirming the location of the streetlight and supporting transformer pole. Fortis should have an estimate into PW before the end of September and a installation in October.

SRM 2012 – Pending
Councilor L. Seely reported a plugged culvert on RGE RD 64; north of the Keyera Gas Plant. Please investigate and repair as required.

SRM 2017 – Pending
Councillor Seely requested Public Works to investigate the drainage, flooding and road washout issues along the west and south boundary of the Buck Meadows Subdivision.

PW Comment: The crews removed an unused approach to the east of Buck Meadows allowing more water to get to another centreline carrying water from the south side of the road to the north side, plus some ditching was done. On the west side of the entrance of Buck Meadows an extra centreline was installed to carry water from the south ditch to the north ditch, plus a culvert was added to the approach into the pasture on the north side of TWP RD 464 to allow for the extra water. The culvert on RGE RD 64 south of TWP RD 464 has had the ends cleaned out and some ditching will take place.

Recommendations

Administration recommends that Council accept the Service Request Management Report for August 2019 as presented.

Recommended Resolution

that Council approve Council accept the Service Request Management Report for August 2019 as presented.
<table>
<thead>
<tr>
<th>Request Id</th>
<th>Status</th>
<th>Request</th>
<th>Location</th>
<th>Assigned To</th>
<th>DateResolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>1587</td>
<td>Pending</td>
<td>Councillor L. Seely requested to extend the street lighting to the intersection of RGE RD 63 and Lakeshore Drive in the Hamlet of Buck Lake (as per discussion at 2018 Strat Plan)</td>
<td>Lakeshore Drive and RGE RD 63</td>
<td>Perrin, Tim</td>
<td>01/09/18 10:15AM</td>
</tr>
<tr>
<td>1932</td>
<td>Assigned</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>Perrin, Tim</td>
<td>05/06/19 2:15PM</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>Perrin, Tim</td>
<td>07/11/19 8:45AM</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>
<td>07/25/19 9:00AM</td>
</tr>
<tr>
<td>2009</td>
<td>Assigned</td>
<td>TWP RD 475A (Snake Trail) &quot;From the West boundary of the Town of Millet to RGE RD 245A, a distance of 885m. Posted at 60 km/hr RGE RD 245A (Snake Trail) From TWP RD 475A to TWP RD 480, a distance of 725m. Posted at 60 km/hr Post advisory of 30km/hr before the curves on Snake Trail (TWP RD 475A) for east and wet bound traffic.</td>
<td>Post Speed Rate signs at the following Locations, as per Bylaw 2019/40</td>
<td>Vikse, Dallas</td>
<td>07/31/19 8:45AM</td>
</tr>
<tr>
<td>2011</td>
<td>Closed</td>
<td>Through Councillor K. Adair, there is a request from Allan Halter for gravel on the road within Pleasant Valley Acres (Byn-Anne Estates). The road leading to his driveway has been impassable over the last number of weeks - he has been stuck and has slid off the road twice. There is about 150 yards of County road way leading to his driveway that is absolutely bare.</td>
<td>50 - 453041 Hwy 771; Pleasant Valley Acres</td>
<td>Vikse, Dallas</td>
<td>07/31/19 9:30AM</td>
</tr>
<tr>
<td>2012</td>
<td>Assigned</td>
<td>Councillor L. Seely reported a plugged culvert on RGE RD 64; north of the Keyera Gas plant. Please investigate and repair as required.</td>
<td>RGE RD 64, North of the Keyera Gas Plant</td>
<td>Perrin, Tim</td>
<td>08/02/19 11:15AM</td>
</tr>
<tr>
<td>2017</td>
<td>Closed</td>
<td>Councillor L. Seely requested Public Works to investigate the drainage, flooding and road washout issues along the west and south boundary of the Buck Meadows Subdivision.</td>
<td>Buck meadows Subdivision</td>
<td>Perrin, Tim</td>
<td>07/02/18 9:35AM</td>
</tr>
<tr>
<td>2018</td>
<td>Assigned</td>
<td>Councillor K. Rooyakkers got a phone call from Tim Grahn who lives off RGE RD 31 - he said the road is rough and the bridge has been blocked off on one side for awhile. He was wondering if the County had any plans to fix it and also said they hardly ever see a grader. Please investigate.</td>
<td>1.25 miles North of HWY 13 on RGE RD 31</td>
<td>Perrin, Tim</td>
<td>08/09/19 9:15AM</td>
</tr>
<tr>
<td>2022</td>
<td>Closed</td>
<td>Requested by Councillor Dale Woitt to review condition of RR250 from Hiway 13 south to Reserve. All he indicated to Rod Hawken was it was muddy and needed gravel. Please investigate and report back.</td>
<td>RGE RD 250 - from HWY 13 south to the Reserve</td>
<td>Vikse, Dallas</td>
<td>08/13/19 4:00PM</td>
</tr>
<tr>
<td>2023</td>
<td>Closed</td>
<td>The following request came in from Councillor Ken Adair. Please advise if the regularly scheduled patrol might be in the area before the weekend.</td>
<td>RGE RD 11</td>
<td>Vikse, Dallas</td>
<td>08/14/19 2:30PM</td>
</tr>
<tr>
<td>2051</td>
<td>Assigned</td>
<td>Councillor Adair received the following email: &quot;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” Please advise if any upgrades have been done in Mulhurst Estates.</td>
<td>39h street Mulhurst Estates</td>
<td>Vikse, Dallas</td>
<td>08/06/19 2:30PM</td>
</tr>
</tbody>
</table>
Background

The 2019 Municipal Capital and Operating Budget was reviewed and approved by Council at the May 6, 2019 budget meeting. (Ref. Resolution#CG20190506.007)

The Business Plan for Business Unit 3201 PW Administration action states “Effectively manage the finances and resources of Public Works Administration”.

To the end of August 2019 represents 67% of the budget year. The overall PW budget expenditures reported below are $32,379,596 with $11,998,961 expended or 37% of expenditures.

Public Works Budget

**3201 Administration Budget:** $4,384,465 with $3,291,011 expended to date (75% of the budget). Tracking as expected with a majority of the Fleet Capital expenditures accounted for.

**3202 Fleet Management Budget:** $4,334,740 with $1,704,821 expended to date (39% of the budget). The transfer of capital of $1,768,554 will occur near the end of 2019. This amount when added to accrued expenses brings the total amount to $3,473,375; or 80% of the budget.

**3203 Funded Projects Budget:** $11,433,691 with $1,192,551 expended to date (10% of the budget). Work has been initiated on the G3 Resource Road. Bridge work is upcoming later in the year. Due to poor weather, some projects may be delayed to 2020.

**3204 Patrol Operators Budget:** $2,570,000 with $1,785,673 expended to date (69% of the budget). Tracking as expected.

**3205 Road Maintenance Budget:** $2,623,248 with $2,162,265 expended to date. (82% of the budget). Tracking higher than expected. Additional costs are attributed to the 2019 storm damage in Divisions 6 and 7.
3206 Road Construction Budget: $3,258,637 with $1,141,966 expended to date. (35% of the budget). Many rain days have delayed this work from progressing. It is anticipated that some 2019 work will be held over into 2020.

3207 Paved Roads Budget: $402,118 with $87,760 expended to date. (22% of the budget). Some work has been completed between rain days. Cracksealing, painting and a few fog coats have been applied.

3208 Graveling Budget: $3,272,697 with $1,478,925 expended to date. 75% of the planned 126,000 tonnes have been applied to the roadway. Remaining work includes about 7,000 tonnes for summer graveling; 17,000 tonnes for undesignated and 4,000 tonnes for patching. It is expected that the planned graveling will be completed this Fall season.

Utilities Budget:

4100 Water Services Budget: $355,550 with $376,593 expended to date (106% of the budget). Considerably over budget. The department is dealing with a number of unexpected expenses with respect to distribution pumps and other logistical systems issues at the water plants.

4200 Wastewater Services Budget: $2,870,838 with $1,221,998 expended to date (43% of the budget). Salaries tracking below expected with Operators spending more time in Water operations. Alder Flats Sewer Expansion construction delayed to 2020.

4300 Solid Waste Management Budget: $1,336,324 with $802,829 expended to date (60% of the budget). Tracking as expected with recycling costs yet to be accrued.

Recommendations

Administration recommends that Council accept the Public Works and Utilities – Project Costing Report to August 31, 2019 as presented.

Recommended Resolution

THAT Council approve the Public Works and Utilities – Project Costing Report to August 31, 2019 as presented.
Utility Account 79218.01 Charges-Report

Meeting Date (Report Reference Only): 2019/09/26
Meeting (Report Reference Only): Council Public Works

Background

A ratepayer owns three separate properties in Gwynne:

Tax Roll 79217 – 118 Main Street (House)
Tax Roll 79218 – 116 Main Street (Park Model Trailer)
Tax Roll 79219 – 124 Main Street (Vacant)

Water, sewer and garbage pick up were being charged on 79217 & 79218.

Tax Roll 79218 was being charged water, sewer and garbage pick up fees on the basis of a Park Model located on the lot. During a routine review of account on August 24, 2018, it was noted that there was no water consumption on site. Upon further investigation by utilities staff it was found that there was no longer a residence on site. In discussions with the landowner, the utilities staff were advised that the residence was removed in June 2016.

On August 9, 2010 the landowner purchased a water meter; and was installed on August 26, 2010. The landowner has received regular billing since.

Assessment department provided the following information regarding the lot:

- June 2013 air photo shows unit in place.
- August 2014 inspection by Director of Assessment indicated unit remained in place.
- Summer 2017 air photo shows the unit was removed and no indication of a building outline on the grass, indicating the unit had been removed long enough for the grass to fill in the area that would have been stunted because of the unit sitting in place.
- January 2019 site inspection by the Assessor confirmed unit was no longer in place and estimates that the park Model was removed sometime in 2015 or 2016.

The property was billed to December 31, 2018. The current balance, including penalty, on UT Account 79218.01 is $131.44 ($1,011.34 was transferred to tax roll in April 2019).

On May 15, 2019 an email was received from the ratepayer thanking staff for the letter stating that the services and the account for 79218.01 have been closed; and enclosed a copy of the bill from Tom’s Town & Country, dated June 1, 2016 for fees to cap off plumbing and gas line to the
mobile home when it was removed from the property. At that time, the ratepayer advised that the meter was returned to the County Office and let the office know that the mobile had been removed from the property; and was told that there were no returns on meters. This was where the matter was left. The ratepayer was under the impression that the base rate was a given, and nothing further could be done. That seemed to be confirmed by a bill arriving and no mention of a meter that could not be read.

The ratepayer further indicated that it now appears that the account could have been closed at that date; and requested, if it was possible, to have the fees or a portion of those monthly fees from the past 18 months removed.

On July 10, 2019 a site inspection was completed by Administration Staff. It was confirmed that the mobile had been removed and there is one residence left on the three properties.

Charges for water, sewer and garbage pick up were levied as follows:
- January-December 2018 $1,463.88
- January-December 2017 $1,449.96
- June 1-December 31, 2016 $829.57
  - TOTAL $3,743.41

Even though the County did not receive formal notification from the landowner that the residence had been removed; administration feels that some onus should be placed on both parties involved. The service was not being provided however it was being charged for.

A service work order to Utility Staff was sent July 14, 2016 advising that there had been no water consumption since February 2016. The service work order was closed August 24, 2018 with a note that a new meter had been installed. Upon further investigation it would appear that the meter in the existing house had been changed (different utility account tax roll 79217) NOT the meter in the non-existent mobile. There was a confusion regarding the street address as well. During the July 10, 2019 site inspection, it was noted that there is no address number on the existing residence.

There was no work order created at the time of physical disconnect in 2016; nor was there a request for Utility Staff to inspect the disconnection.

**Alternatives**

Council has the following options to consider:

1. Transfer balance of Historical Utility Account 79218.01, in the amount of $131.44, to Tax Roll 79218;
2. Cancel current amount owing to Utility Account 79218.01 in the amount of $131.44;
3. Cancel half of the total amount levied from mobile home removal of $1,871.71; or
4. Cancel an amount decided by Council based on information provided.

**Recommendations**

Administration recommends that Council cancel the current amount owing to Utility Account 79218.01 in the amount of $131.44.

**Recommended Resolution**

that Council cancel the current amount owing to Utility Account 79218.01 in the amount of $131.44.
Proposed Speed Reduction within Greystones on the Lake Subdivision - Report

Meeting Date (Report Reference Only): 2019/09/26

Meeting (Report Reference Only): Council Public Works

Background

As per Section I - Hamlets and Subdivisions of Speed Rate Bylaw 2019/40, all hamlets and signed subdivisions are 50 km/hr unless otherwise listed in Schedule A of the bylaw.

Administration received two separate requests regarding the speed rate and speed rate signage within Greystones on the Lake Subdivision, located at SE/SW 36-46-6 W5M, on the east side of Buck Lake.

In 2018, there was a request to place 50km/hr signs at each road off of RGE RD 61 leading into the subdivision. Alberta First Call locates were conducted and staff were advised that there are high pressure gas lines that run east and west throughout the subdivision. Administration notes that the best placement for speed signs is at the subdivision entrance sign, which would encompass the entire subdivision. RGE RD 61 is a graveled surface that runs north south with all roads that branch off leading into the subdivision. County webmap has RGE RD RD 61 posted at 80 km/hr and all interior road posted at 50 km/hr.

On August 16, 2019, Dean and Kathy Sadek forwarded correspondence to the County requesting that the speed limit in Greystones on the Lake subdivision be reduced from 50km/hr to 30 km/hr and that signage reflecting this be posted at the subdivision entrance sign.

Brian Grove has also requested speed limit signs be posted on RGE RD 61 in Greystones on the Lake Subdivision.

Administration is of the opinion that the roads within Greystones on the Lake subdivision are not designed to support a speed limit of 50 km/hr and recommend a speed reduction to 30km/hr within this subdivision.

Alternatives

Administration provides the following options for Council consideration:
Option 1: That the speed limit remains status quo in Greystones on the Lake Subdivision and that 50 km/hr signs be posted at the subdivision entrance sign.

Option 2: That Council approve reducing the speed limit from 50km/hr to 30 km/hr from the Subdivision Entrance sign south into Greystones on the Lake Subdivision and that the Speed Rate Bylaw be brought back for First Reading.

Recommendations

To reduce the speed limit from 50km/hr to 30 km/hr from the Subdivision Entrance sign south on Rge Rd 61 into Greystones on the Lake Subdivision and that the Speed Rate Bylaw be amended and brought back for Three Readings.

Recommended Resolution

That Council approve reducing the speed limit from 50 km/hr to 30 km/hr from the Subdivision Entrance sign south on Rge Rd 61 into Greystones on the Lake Subdivision and that the Speed Rate Bylaw be amended and brought back for Three Readings.
We would like to see at least a 30 km/h sign put up as you enter the subdivision. Greystones is a subdivision on the north side of Bick Lake. At present there is no sign entering the subdivision.

Thanks
Sent from my iPhone

Carmen Weiss
Administrative Assistant
Protective Services
County of Wetaskiwin No. 10
780-352-3321/780-352-0005
1-800-581-0050
Fax: 780-352-3488
cweiss@county10.ca
Hey
Brain Grove at 6465036 RR61 would like to see a speed limit sign put on RR 61 in this area.
Please contact Brian at 780-446-1970
Thank you

Carmen Weiss
Administrative Assistant
Protective Services
County of Wetaskiwin No.10
780-352-3321/780-352-0005
1-800-581-0050
Fax: 780-352-3486
cweiss@county.wetaskiwin.ab.ca
BYLAW NO. 2019/40

BYLAW NO. 2019/40 is a Bylaw of the County of Wetaskiwin No. 10 in the Province of Alberta, for the purpose of controlling the rate of speed on County highways as a means of protecting County infrastructure and vehicle and pedestrian traffic.

WHEREAS under Part 2, Division 1, Section 7 of the Municipal Government Act, Statutes of Alberta, 2000, M-26, as amended, a council may pass bylaws for municipal purposes respecting the safety, health, and welfare of people and the protection of people and property;

AND WHEREAS under Part 3, Division 2, Section 18 of the Municipal Government Act, Statutes of Alberta, 2000, M-26, as amended, a municipality has the direction, control and management of all highways under the jurisdiction of the municipality;

AND WHEREAS pursuant to Part 6, Section 203 of the Municipal Government Act, 2000, Chapter M-26.1, a council may by bylaw delegate any of its powers, duties or functions under the Municipal Government Act or any other enactment or a bylaw to a council committee, the chief administrative officer or a designated officer, unless the Municipal Government Act or any other enactment or bylaw provides otherwise;

AND WHEREAS the Council of the County of Wetaskiwin No. 10 wishes to delegate and establish the authority for locating temporary Traffic Control Devices on Highways under the direction, control and management of the County of Wetaskiwin No. 10.;

AND WHEREAS under Part 5, Division 1 of the Traffic Safety Act, Statutes of Alberta, 2000, T-6, as amended, a road authority may prescribe speed rates that differ from the standard speed limits that are established in the Traffic Safety Act.

NOW THEREFORE the Council of the County of Wetaskiwin No. 10, in the Province of Alberta, duly assembled, hereby enacts as follows:

1. TITLE

This Bylaw may be cited as the “Speed Rate Bylaw.”

2. DEFINITIONS:

In this Bylaw:

a) “Chief Administrative Officer” means the Chief Administrative Officer of the County of Wetaskiwin No. 10 or their delegate;

b) “County” is defined as the County of Wetaskiwin No.10.

c) “Hamlet” is defined as an unincorporated community within the County of Wetaskiwin No. 10 that has been given such designation as “hamlet” by County Council

d) “Highway” is defined as any thoroughfare, street, road, trail, avenue, parkway, driveway, lane, alley, square, bridge, causeway, trestleway or other place or any part of any of them, whether publicly or privately owned, that the public is ordinarily entitled or permitted to use for the passage or parking of vehicles and includes:

(i) a sidewalk, including a boulevard adjacent to the sidewalk,
(ii) if a ditch lies adjacent to and parallel with the roadway, the ditch, and
(iii) if a highway right of way is contained between fences or between a fence and one side of the roadway, all the land between the fences, or all the land between the fence and the edge of the roadway, as the case may be, but does not include a place declared by regulation not to be a highway.
e) "Peace Officer" means

(i) a member of the Royal Canadian Mounted Police,

(ii) a member of a municipal police service,

(iii) a peace officer appointed under the Peace Officer Act for the purposes of enforcing the Traffic Safety Act;

f) "Signed subdivision" is a subdivision in the County that is identified by a County standard "subdivision entrance sign" as defined in County policy.

g) "Traffic control device" means any sign, signal, marking or device placed, marked or erected under the authority of the Traffic Safety Act for the purpose of regulating, warning or guiding traffic.

h) "Vehicle" means a device in, on or by which a person or thing may be transported or drawn on a highway and includes a combination of vehicles but does not include a mobility aid.

3. GENERAL

3.1 Except as provided in Section 3.4 or "Schedule A" of this Bylaw, no person shall operate any vehicle on a highway under the control of the County at a greater rate of speed than as follows:

a) 80 kilometres per hour is the maximum speed limit on a highway

b) 50 kilometres per hour is the maximum speed limit on a highway located within a hamlet, signed subdivision or highway that is for any other reason signed at 50 kilometres per hour

c) 30 kilometres per hour is the maximum speed limit on that portion of highway identified as a school zone or playground zone by traffic control devices during their affected hours as outlined in the Traffic Safety Act and its regulations

3.2 Any requests for a change to the designated rates of speed as outlined in sections 3.1(a), 3.1(b), 3.1(c) and "Schedule A" of this Bylaw shall be submitted in writing to County Council for approval.

3.3 All developers of new subdivision developments requiring subdivision entrance signs shall include a provision for the erection of speed limit signs pursuant to section 3.1(b) and "Schedule A" of this Bylaw. Speed limit signs shall be posted concurrently with a "subdivision entrance sign."

3.4 The Chief Administrative Officer may direct the placement of temporary Traffic Control Devices along a portion of a Highway for the purpose of setting temporary restrictions due to construction, emergency conditions or situations, maintenance or a state of repair;

3.5 The provisions of Section 3.4 of this Bylaw do not apply to the following Vehicles while being operated pursuant to the ordinary course of business:

3.5.1 Vehicles owned or within the lawful possession of the County.
4. **AUTHORITY OF PEACE OFFICER**

4.1 A Peace Officer is hereby authorized to enforce the provisions of this Bylaw through the enforcement of traffic offenses as specified through the provisions of the *Traffic Safety Act*.

5. **REPEAL AND EFFECTIVE DATE**

5.1 This Bylaw hereby repeals the Bylaw 2017/05 and Amending Bylaws 2017/30 and 2017/42.

**READ:** A First time this 23rd day of July, A.D., 2019.

**READ:** A Second time this 23rd day of July, A.D., 2019.

**READ:** A Third time and finally passed this 23rd day of July, A.D., 2019.

______________________________
REEVE

______________________________
Chief Administrative Officer
### Schedule A

#### (Section I) Hamlets and Subdivisions

<table>
<thead>
<tr>
<th>Location</th>
<th>Legal Land Desc.</th>
<th>Speed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>All hamlets and signed subdivisions are 50 km/hr unless otherwise listed in Schedule A of this bylaw</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 1. Curilane Beach         |                  |            |
| a) Curilane Drive         | SE/SW 2-48-27-W4M| 30 km/hr  |

| 2. Ganske Subdivision     |                  |            |
| a) Bigstone Road          | NE 32-46-24-W4M  | 30 km/hr  |
| b) Bigstone Drive         |                  | 30 km/hr  |

| 3. Gwynne                 |                  |            |
| a) Alberta Avenue         |                  | 30 km/hr  |

| 4. Mulhurst Bay           |                  |            |
| a) Mulhurst Estates – subdivision northwest of 4-way stop along 50th Avenue (51 Ave, 53 Ave, 57 Ave, 60 Ave, 32 St, 35 St, 37 St, 39 St) | SE 14-47-28-W4M | 40 km/hr |
| b) On Lake Drive just east of where 50 Ave curves into Lake Drive until RGE RD 10 (Lake Drive turns into RGE RD 10) meets 60th Ave |                  | 30 km/hr |
| c) On 49 Street between Lake Drive and 70 Avenue |                  | 30 km/hr |
| d) Thompson Court (the length of 22 Street) | NW 12-47-28-W4M | 30 km/hr |
| e) On RGE RD 10 between the Hilah Ayers Entrance (80 Ave) and 60 Ave |                  | 50 km/hr |
| f) Lakeview Estates- subdivision southwest of 4-way stop along 50 Avenue (32 St, 34 St, 47 Ave, 49 Ave) | NE 11-47-28-W4M | 30 km/hr |

| 5. Peace Hills Park       |                  |            |
| a) Cree Crescent          | SW 27-46-24-W4M  | 30 km/hr  |

| 6. Village at Pigeon Lake |                  |            |
| *a) Village Lane- portion between Norris Beach Road and condo development entrance | SE-14-46-1-W5M  | 30 km/hr  |
| *b) Unnamed 6338          |                  | 30 km/hr  |
| *c) Village Drive         |                  | 30 km/hr  |
| *d) Norris Beach Road     |                  | 30 km/hr  |

| 7. Viola Beach            |                  |            |
| a) Lake Avenue            | SE 13-46-1-W5M   | 30 km/hr  |

| 8. Wizard Heights         |                  |            |
| a) Merlin Road            | SE 5-48-27-W4M   | 30 km/hr  |
| b) Merlin Place           |                  | 30 km/hr  |
| c) Magic Drive            |                  | 30 km/hr  |
### By-law 2019/40
#### Schedule A

<table>
<thead>
<tr>
<th>Location</th>
<th>Legal Land Desc.</th>
<th>Speed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>d) RGE RD 274 (section north of TWP RD 480)</td>
<td></td>
<td>30 km/hr</td>
</tr>
<tr>
<td>e) Areas within Wizard Lake under jurisdiction of County of Wetaskiwin No. 10</td>
<td></td>
<td>30 km/hr</td>
</tr>
</tbody>
</table>

9. **Beachside Estates**  
- a) Westerose Acreage Road  
  Speed Rate: 40 km/hr

10. **Highland Spruce Estates**  
- a) TWP Road 462 within the subdivision (Upper Highland Road and Highland Drive)  
  Speed Rate: 30 km/hr

11. **Avalon Wynd**  
- a) TWP Road 462 within the subdivision  
  Speed Rate: 30 km/hr

12. **Evergreen Estates**  
- a) TWP RD 462 within the subdivision  
  Speed Rate: 30 km/hr

13. **Maywood Subdivision**  
- a) TWP RD 462 within the subdivision  
  Speed Rate: 30 km/hr
<table>
<thead>
<tr>
<th>Location</th>
<th>Speed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RANGE ROADS</strong></td>
<td></td>
</tr>
<tr>
<td>1. <strong>RGE RD 242</strong> - Portion of RGE RD 242 north from HWY 13 ¾ mile until the first exit onto HWY 2A</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>2. <strong>RGE RD 242</strong> (Mink Road or 50 St) - Portion of RGE RD 242 south of HWY 13 until North of the City boundary and Northmount Drive</td>
<td>60 km/hr</td>
</tr>
<tr>
<td>3. <strong>RGE RD 243</strong> - Portion of RGE RD 243 from ¾ mile south of TWP RD 464 (Golf Course Road) north until City of Wetaskiwin Landfill Site (NW 27-46-24-4)</td>
<td>60 km/hr</td>
</tr>
<tr>
<td>4. <strong>RGE RD 243A</strong> - Portion of RGE RD 243A from ¾ mile south of TWP RD 475 and RGE RD 244 intersection (where RGE RD 244 turns into RGE RD 243A) until the intersection of RGE RD 243 and RGE RD 243A (¾ mile north of TWP RD 472)</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>5. <strong>RGE RD 244</strong> - Portion of RGE RD 244 between TWP RD 475A and TWP RD 475</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>6. <strong>RGE RD 274</strong> (section north of TWP RD 480)</td>
<td>30 km/hr</td>
</tr>
<tr>
<td>See Wizard Heights Subdivision section I (8) of Schedule A</td>
<td></td>
</tr>
<tr>
<td>7. <strong>RGE RD 281</strong> - on the one kilometer of RGE RD 281 (30 street) from the curve at north end of the Pigeon Lake Indian Reservation, by Burnt Lake Trailer Park, until just north past the Mulhurst Lutheran Camp (SW 1-47-28-4)</td>
<td>60 km/hr</td>
</tr>
<tr>
<td>8. <strong>RGE RD 10</strong> - Portion of RGE RD 10 north of HWY 13 until Lake Avenue in Viola Beach</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>See Hamlet of Mulhurst Bay Section I (4) of Schedule A</td>
<td></td>
</tr>
<tr>
<td>9. <strong>RGE RD 10</strong> - Portion of RGE RD 11 north of HWY 13 until the Summer Village of Crystal Springs</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>10. <strong>RGE RD 11</strong> - Portion of RGE RD 11 north of HWY 13 until the Summer Village of Crystal Springs</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>11. <strong>RGE RD 12</strong> (Crystal Springs Road) - the one kilometer of RGE RD 12 that leads up to the Summer Villages of Crystal Springs and Grandview</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>12. <strong>RGE RD 13</strong> (Rabbit Trail) - Portion of RGE RD 13 north of TWP RD 464 where it approaches the Summer Village of Grandview</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>13. <strong>RGE RD 21</strong> - Portion of RGE RD 21 north of HWY 13 that leads into Battle Lake 4H Camp (NW 12-46-2-5)</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>14. <strong>RGE RD 61</strong> - Portion of RGE RD 61 between HWY 13 and TWP RD 460A</td>
<td>70 km/hr</td>
</tr>
<tr>
<td>15. a) <strong>RGE RD 63</strong> (Buck Lake Access) - Portion of RGE RD 63 from TWP RD 461 to TWP RD 461.5</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>b) <strong>RGE RD 63</strong> - Portion of RGE RD 63 from TWP RD 461.5 to HWY 13</td>
<td>100 km/hr</td>
</tr>
<tr>
<td>16. <strong>RGE RD 71</strong> - Portion of RGE RD 71, for a distance of 1,400m north of TWP RD 464</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>17. <strong>RGE RD 245A</strong> (Snake Trail) - From TWP RD 475A to TWP RD 480, a distance of 725m.</td>
<td>60 km/hr</td>
</tr>
</tbody>
</table>
### Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Speed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOWNSHIP ROADS</strong></td>
<td></td>
</tr>
<tr>
<td>1. <strong>TWP RD 462</strong> - Portion of TWP RD 462 between RGE 20.75 and RGE 25.5 where TWP RD 462 and TWP RD 465 intersect (Battle Lake Trail)</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>2. <strong>TWP RD 462</strong> - Beginning west of Battle Lake Church boundary located on NW 7-46-1-W5M, one-kilometer due east until TWP RD 462 intersects with RGE RD 14</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>3. <strong>TWP RD 462</strong> - Portion of TWP RD 462 that is the gravel road between the Cree Valley Road (RGE 20) and the turnoff to Battle Lake Park, by the Blue Heron Campground</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>4. <strong>TWP RD 462</strong> - Portion of TWP RD 462 providing accesses to Siegel and Avalon Wind Estates on the West side of Buck Lake</td>
<td>50 km/hr</td>
</tr>
<tr>
<td>5. <strong>TWP RD 480</strong> - Portion of TWP RD 480 approximately 0.2 km east of RGE RD 271 until approximately 0.5 km west of RGE RD 271.</td>
<td>60 km/hr</td>
</tr>
<tr>
<td>6. <strong>TWP RD 462</strong> - From RGE RD 60 to HWY 761, a distance of 816m</td>
<td>60 km/hr</td>
</tr>
<tr>
<td>7. <strong>TWP RD 475A</strong> (Snake Trail) - From the West boundary of the Town of Millet to RGE RD 245A, a distance of 885m</td>
<td>60 km/hr</td>
</tr>
</tbody>
</table>
### Schedule A
(Section III) School and Playground Zones

<table>
<thead>
<tr>
<th>Location</th>
<th>Zone Speed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School Zones</strong></td>
<td></td>
</tr>
<tr>
<td>1. Alder Flats School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>2. Buck Mountain Regional High School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>3. Falun Elementary School and Pigeon Lake Regional High School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>4. Gwynne School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>5. Lakedell School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>6. Pipestone School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>7. Rosebrier School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td>8. Winfield School Zone</td>
<td>30 km/hr during school zone hours</td>
</tr>
<tr>
<td><strong>Playground Zones</strong></td>
<td></td>
</tr>
<tr>
<td>9. Alder Flats Playground Zone</td>
<td>30 km/hr during playground zone hours</td>
</tr>
<tr>
<td>10. Gwynne Playground Zone</td>
<td>30 km/hr during playground zone hours</td>
</tr>
<tr>
<td>11. Mulhurst Playground Zone</td>
<td>30 km/hr during playground zone hours</td>
</tr>
<tr>
<td>12. Winfield Playground Zone</td>
<td>30 km/hr during playground zone hours</td>
</tr>
</tbody>
</table>
## By-law 2019/40
### Schedule A
### (Section IV) Parks

<table>
<thead>
<tr>
<th>Location</th>
<th>Legal Land Desc. of Park</th>
<th>Speed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Battle Lake- camping area road</td>
<td>SW 13-46-2-W5M</td>
<td>15 km/hr</td>
</tr>
<tr>
<td>2. Buck Lake- camping area road</td>
<td>SW 11-46-6-W5M</td>
<td>15 km/hr</td>
</tr>
<tr>
<td>3. Coal Lake South- camping entrance road</td>
<td>NE-26-46-23-4, NW-25-46-23-4, SW-36-46-23-4</td>
<td>30 km/hr</td>
</tr>
<tr>
<td>4. Coal Lake South- camping area road</td>
<td>NE-26-46-23-4, NW-25-46-23-4, SW-36-46-23-4</td>
<td>15 km/hr</td>
</tr>
<tr>
<td>5. Mound Red- entrance road</td>
<td>NW 11-45-28-W4M</td>
<td>30 km/hr</td>
</tr>
<tr>
<td>6. Mound Red- camping area road</td>
<td>NW 11-45-28-W4M</td>
<td>15 km/hr</td>
</tr>
<tr>
<td>7. Red Deer Lake- camping area road</td>
<td>SW 2-44-22-W4M</td>
<td>15 km/hr</td>
</tr>
<tr>
<td>8. Twin Lakes- camping entrance road</td>
<td>SW 10-46-3-W5M</td>
<td>30 km/hr</td>
</tr>
<tr>
<td>9. Twin Lakes- camping area road*</td>
<td>SW 10-46-3-W5M</td>
<td>15 km/hr</td>
</tr>
<tr>
<td>10. Winfield Lions Campground- camping area road</td>
<td>SW 18-46-3-W5M</td>
<td>15 km/hr</td>
</tr>
</tbody>
</table>

*road not shown on map
Subdivision Roads
50 km/hr as per Bylaw

RGE RD 61 South
80 km/hr as per webmap

Suggested to have all roads south of the subdivision entrance sign posted at 30km/hr
Background

At the May 6, 2019, Council General meeting Council approved the budget for Funded Projects which included Bridge File 71375, which is located at NW 17-45-7 W5M on RGE RD 75. (Ref. Resolution CG20190506.007)

WSP was directed by Administration to proceed with the design and tender with advertising posted on Alberta Purchasing Connection (APC) and in the local newspaper. The tender closed on September 18, 2019 at 2:00pm, with the following five bids received:

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Amount Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volker Stevin Highways Ltd.</td>
<td>$664,700.00</td>
</tr>
<tr>
<td>New Force Energy Services Ltd.</td>
<td>$667,433.00</td>
</tr>
<tr>
<td>Formula Alberta Ltd.</td>
<td>$730,010.00</td>
</tr>
<tr>
<td>1690082 Alberta Ltd.</td>
<td>$757,077.00</td>
</tr>
<tr>
<td>PSA Construction Ltd.</td>
<td>$832,180.00</td>
</tr>
</tbody>
</table>

Based on the bid provided by Volker Stevin Highways Ltd., WSP provided the expected total project costs which is inclusive of engineering, contingencies and contract costs.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Amount (Less Site Occ.)</td>
<td>$636,700.00</td>
</tr>
<tr>
<td>Contingency (10%)</td>
<td>$63,670.00</td>
</tr>
<tr>
<td>Potential Site Occ. Bonus (3 days at $1,000=3,000)</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>Engineering (Design &amp; Construction) (May 22, 2018 Budget)</td>
<td>$102,919.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>$806,289.00</td>
</tr>
</tbody>
</table>

**DISCUSSION:**

The 2019 budget for this bridge was estimated at $1,200,000 which included a replacement with a new single span standard bridge. During the design stage, the estimated costs for this structure was considered too high considering the traffic volumes and location of the bridge.
Currently, the existing timber bridge is covered by a Jimbob bridge owned by the County. The new design involves removing the Jimbob bridge and demolish the old timber bridge structure. New abutments will be constructed and the Jimbob bridge will be reset on the new substructure. This will be a permanent solution.

**FINANCIAL:**

The 2019 Funded Projects budget included Federal Gas Tax funding in the amount of $1,200,000 for BF 71375. Based on the design change and tender results, the expected project costs inclusive of construction, engineering and contingencies is $806,289. Approximately $400,000 less than the budgeted amount.

**Recommendations**

This tender provided 5 competitive bids with the lowest bid matching the Engineer’s pre-bid estimate. It is therefore considered a value bid and should be awarded on that merit. Administration recommends that the contract for Bridge construction and Other Work for Bridge File 71375 located at NW 17-45-7 W5M - be awarded to Volker Stevin Highways Ltd. for the low bid of $664,700.

**Recommended Resolution**

THAT Council award the contract for Bridge Construction and Other Work for Bridge File 71375 located at NW 17-45-7 W5M to Volker Stevin Highways Ltd. for the low bid of $664,700 and approve the Total Project costs of $806,289 which is inclusive of construction, engineering, bonuses and contingencies.
<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Project</th>
<th>Description</th>
<th>Location</th>
<th>Eng</th>
<th>Contract</th>
<th>Equipment</th>
<th>Grants</th>
<th>Signs</th>
<th>Supplies</th>
<th>To Reserve</th>
<th>Subtotal</th>
<th>County</th>
<th>Eqgr</th>
<th>Salary</th>
<th>PROJECT TOTAL</th>
<th>Grant Revenue</th>
<th>Korr Reserve</th>
<th>Other Revenue</th>
<th>Net Tax</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOT</td>
<td>PPPF 2922</td>
<td>Replacement - 22 Resource Rd</td>
<td>75.408</td>
<td>26.826</td>
<td>148.800</td>
<td>373,000</td>
<td>111,000</td>
<td>373,000</td>
<td>373,000</td>
<td>373,000</td>
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<tr>
<td>HOT</td>
<td>PPPF 2925</td>
<td>Replacement - 22 Resource Rd</td>
<td>75.408</td>
<td>26.826</td>
<td>148.800</td>
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<tr>
<td></td>
<td>LMKFPOF</td>
<td>Replacement - 22 Resource Rd</td>
<td>75.408</td>
<td>26.826</td>
<td>148.800</td>
<td>373,000</td>
<td>111,000</td>
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<td>373,000</td>
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<td>-540,000</td>
<td>-540,000</td>
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</tr>
<tr>
<td>HOT</td>
<td>PPPF 2927</td>
<td>Replacement</td>
<td>300.75</td>
<td>85.385</td>
<td>137.566</td>
<td>1,379,804</td>
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| 2802: FUNDED PROJECTS TOTAL |          |                               |          |       |         | 1,088,250 | 92,206     | 11.120    | 1,000    | 8,290     | 225,881  | 10,637,861 | 47,000     | 33,820    | 19,716,421 | -9,455,150 | -844,600 | -429,001   | 789,040     |

Page 49 of 59
County of Wetaskiwin No. 10  
P.O. Box 6960  
Wetaskiwin, AB  T9A 2G5

ATTENTION: Mr. Neil Powell, P.L. (Eng.), Director of Public Works

RE:  Bridge File 71375  
Horseshoe Creek – Range Road 75 (NW 17-45-7-5)  
Bridge Construction and Other Work  
Contract No. 181-13557-00

Tenders were received for the above-noted project on September 18, 2019 from a total of five (5) bidders. The low bidder was Volker Stevin Contracting/Highways Ltd. with a total tender value of $664,700.00. We have reviewed the bid submitted by Volker Stevin Highways Ltd. and have found they met the required contractual obligations at the bid stage. The anticipated funding required for this project is as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Contract Amount (Less Site Occ. Amount)</td>
<td>$636,700.00</td>
</tr>
<tr>
<td>Contingency (10%)</td>
<td>$63,670.00</td>
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<tr>
<td>Potential Site Occ. Bonus (3 days at $1,000.00 = $3,000.00)</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>Engineering (Design &amp; Construction)(May 22, 2018 budget)</td>
<td>$102,919.00</td>
</tr>
<tr>
<td>Totals</td>
<td>$806,299.00</td>
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</tbody>
</table>

GST not included in the above totals.

Your council’s decision regarding the awarding of this contract to Volker Stevin Contracting/Highways Ltd. is hereby requested. The complete listing of the tender results, the complete tender summary, along with the proposed work schedule, the listing of references provided by Volker Stevin, as well as the Contract cost estimate "D" are attached for your information.

Sincerely,

Kurt Petrica, P. Eng., Senior Engineer, WSP

Attachments

/cc: Nathan MacLeod, C.E.T., Area Manager, WSP  
Ming Jiao, M.Eng., P.Eng., Team Lead - Bridges, Red Deer, WSP
**OFFICIAL**

WSP Canada Inc.

**Official Tender Results**

<table>
<thead>
<tr>
<th>County of Wetaskiwin No. 10</th>
<th>Project: Bridge File No. 71375</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridge Construction and Other Work</td>
<td>Contract No. 181-13557-00</td>
</tr>
<tr>
<td></td>
<td>Date: September 18, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Amount Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volker Stevin Highways/Contracting Ltd.</td>
<td>$664,700.00</td>
</tr>
<tr>
<td>Newforce Energy Services Ltd.</td>
<td>$667,433.00</td>
</tr>
<tr>
<td>Formula Alberta Ltd.</td>
<td>$730,010.00</td>
</tr>
<tr>
<td>1690082 AB Ltd.</td>
<td>$757,077.00</td>
</tr>
<tr>
<td>PSA Construction Inc.</td>
<td>$832,180.00</td>
</tr>
</tbody>
</table>

Low Tender Received From:

Volker Stevin Highways Ltd. $664,700.00
Tender Results – Bridge File 8191 – NW 15-45-26
W4M-Report

Meeting Date (Report Reference Only): 2019/09/26
Meeting (Report Reference Only): Council Public Works

Background

At the May 6, 2019, Council General meeting Council approved the Funded Projects Budget which included bridge replacement of Bridge File 8191, located at NW 15-45-26 W4M on RGE RD 263. (Ref. Resolution CG20190506.007)

WSP was directed by Administration to proceed with the design and tender with advertising posted on Alberta Purchasing Connection (APC) and in the local newspaper. The tender closed on August 15, 2019 at 2:00pm, with the following six bids received:

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Amount Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula Alberta Ltd.</td>
<td>$682,300.00</td>
</tr>
<tr>
<td>1690082 Alberta Ltd.</td>
<td>$689,755.00</td>
</tr>
<tr>
<td>Volker Stevin Highways Ltd.</td>
<td>$717,000.00</td>
</tr>
<tr>
<td>PSA Construction Ltd.</td>
<td>$839,700.00</td>
</tr>
<tr>
<td>Lafarge Canada Inc.</td>
<td>$855,000.00</td>
</tr>
<tr>
<td>DCL Construction Services Ltd.</td>
<td>$892,900.00</td>
</tr>
</tbody>
</table>

Based on the bid provided by Formula Alberta Ltd., WSP provided the expected total project costs which is inclusive of engineering, contingencies and contract costs.

<table>
<thead>
<tr>
<th></th>
<th>Totals</th>
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</thead>
<tbody>
<tr>
<td>Contract Amount (Less Site Occ.)</td>
<td>$ 642,300.00</td>
</tr>
<tr>
<td>Contingency (10%)</td>
<td>$ 64,230.00</td>
</tr>
<tr>
<td>Estimated Budget (Design &amp; Tendering)</td>
<td>$ 42,904.00</td>
</tr>
<tr>
<td>Engineering Budget (Construction and Post-Construction)</td>
<td>$ 65,000.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$814,434.00</strong></td>
</tr>
</tbody>
</table>

DISCUSSION:

The 2019 budget for this bridge replacement was established at $500,000 total project cost. Based on the tender results, there seems to be a disconnect between the original Engineer’s pre-bid estimate and the submitted bids. Public Works met with WSP to determine why the
Engineer’s estimate is so much lower than that of the submitted bids. A review of the bid items indicates that the Contractors seem to be pricing in more risk with their uncertainty regarding pricing of steel and concrete. It is also acknowledged that although the Engineer’s estimate was based on Provincial Unit Price Averages and recent tender closes of similar scope, their (WSP’s) estimate was likely too low.

Due to timing of the tender closing date (August 15, 2019) and the scheduled Council for Public Works meeting date (September 26, 2019) the acceptance period of 35 days was due to expire. Therefore, on September 17, 2019, on behalf of the County, WSP contacted Formula Alberta Ltd. requesting their agreement to extend the acceptance period for the Bid Bond from 35 days to 60 days. Formula Alberta Ltd. has signed the extension.

FINANCIAL:

The 2019 Funded Projects budget included Federal Gas Tax funding in the amount of $500,000 for BF 8191. Based on the tender results, the expected project costs inclusive of construction, engineering and contingencies is $814,434; an amount of $314,434 above the budget.

The total collective project costs for BF 71375 and BF 8191 amounts to $1,620,723. The 2019 budget for these two projects totaled $1,700,000; therefor the two tendered amounts are approximately $80,000 below budget. Each of these bridges are funded through the Federal Gas Tax grant. As claims to FGT for each of these sites are yet to be submitted (typically after Final Acceptance), there will be no issue in obtaining the funding under these revised amounts. The FGT 5-Year Capital Plan will be revised to match these tendered values.

Recommendations

This tender provided 6 competitive bids with the lowest bid far exceeding the Engineer’s pre-bid estimate. It was also established that the pre-bid estimate was too low and therefore a poor benchmark for establishing a value bid. Based on the fact there was 6 submitted bids and a fair timeline for construction, it can be considered that the low bid is of value and can therefore be awarded. Administration recommends that the contract for Bridge construction and Other Work for Bridge File 8191, located at NW 15-45-26 W5M be awarded to Formula Alberta Ltd. for the low bid of $682,300.

Recommended Resolution

THAT Council award the contract for Bridge Construction and Other Work for Bridge File 8191, located at NW 15-45-26 W5M to Formula Alberta Ltd. for the low bid of $682,300 and approve the Total Project costs of $814,434 which is inclusive of construction, engineering, bonuses and contingencies.
County of Wetaskiwin No. 10  
P.O. Box 6960  
Wetaskiwin, AB  T9A 2G5  

ATTENTION: Mr. Neil Powell, C.E.T., P.L.(Eng.), Director of Public Works  

RE:  Bridge File 8191  
Tributary to Maskwa Creek – Range Road 263 (NW 15-45-26-4)  
Bridge Replacement and Other Work  
Contract No. 191-01146-00  

Tenders were received for the above-noted project on August 15, 2019 from a total of six (6) bidders. The low bidder was Formula Alberta Ltd. with a total tender value of $682,300.00. We have reviewed the bid submitted by Formula Alberta Ltd. and have found they met the required contractual obligations at the bid stage. The anticipated funding required for this project is as follows:

<table>
<thead>
<tr>
<th>Bridge File 8191</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Amount (Less Site Occ. Amount)</td>
<td>$ 642,300.00</td>
</tr>
<tr>
<td>Contingency (10%)</td>
<td>$ 64,230.00</td>
</tr>
<tr>
<td>Engineering Budget (Design and Tendering)</td>
<td>$ 42,904.00</td>
</tr>
<tr>
<td>Engineering Budget (Construction and Post-Construction)</td>
<td>$ 65,000.00</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$ 814,434.00</strong></td>
</tr>
</tbody>
</table>

*The above totals do not include GST*

Your council’s decision regarding the awarding of this contract to Formula Alberta Ltd. is hereby requested. The complete listing of the tender results, the complete tender summary, along with the listing of references provided by Formula Alberta Ltd., as well as the Contract cost estimate "D" are attached for your information.

Sincerely,

Kurt Petrica, P.Eng., Senior Bridge Engineer, WSP

Attachments

/ej

c:  Brian Anderson, Ass’t Director of Public Works, County of Wetaskiwin  
    Nathan MacLeod, C.E.T., Area Manager, WSP  
    Laurie McCarron, P. Eng., Bridges-Red Deer, WSP  
    Ming Jiao, M.Eng., P.Eng., Team Lead - Bridges, Red Deer, WSP
## Official Tender Results

| County of Wetaskiwin No. 10 | Project: Bridge File No. 8191  
Tributary to Maskwa Creek -  
Range Road 263 |
|-----------------------------|-------------------------------------------------|
| **Bridge Replacement and Other Work** | **Contract No.** 191-01146-00  
**Date:** August 15, 2019 |
| Contractor                  | Amount Bid                                      |
| Formula Alberta Ltd.        | $682,300.00                                     |
| 1690082 Alberta Ltd.        | $689,755.00                                     |
| Volker Stevin Highways Ltd. | $717,000.00                                     |
| PSA Construction Inc.       | $839,700.00                                     |
| Lafarge Canada Inc.         | $855,000.00                                     |
| DCL Construction Services Ltd. | $892,900.00                              |

**Low Tender Received From:**

| Formula Alberta Ltd. | $682,300.00 |
September 17, 2019

Formula Alberta Ltd.
4 Boulder Blvd.
Stony Plain, AB. T7Z 1V7

Attention: Mr. Wes Erikson

RE: County of Wetaskiwin No. 10
Contract No. 191-01146-00
BF 8191 Tributary to Maskwa Creek

As you are aware, Formula Alberta Ltd. was the low bidder on the above noted project. To date, all considerations regarding the possible award have not been finalized for this project.

With this in mind, the County of Wetaskiwin is requesting that Formula Alberta Ltd. agree to an “acceptance period” extension from 35 days (as outlined in the General Specifications, Spec. Amendments and Supplemental Specs for Highway and Bridge Construction, Section 1.2.8) to 60 days. Please confirm the acceptability of this extension with your Bonding Company however, they have already indicated a sixty (60) acceptance period, which would not expire until October 14th, 2019.

Should you agree to amend the typical 35-day “acceptance period” as noted in the A.T. General Specifications to 60 days, the time period should be sufficient for the final decision regarding the award of this project. If this is change is acceptable, please note your acceptance of this by signing and dating the section below and fax back to Dave Armstrong (fax 403-342-7691) or by e-mail (Dave.Armstrong@wsp.com) at your earliest convenience, and we will then advise the County of Wetaskiwin No. 10.

We would appreciate a response prior to September 19th if possible.

Sincerely,

[Signature]

Dave Armstrong, Contracts Group Manager

cc: Brian Anderson / Neil Powell, County of Wetaskiwin
    Nathan MacLeod, Area Manager, WSP, Camrose
    Kurt Petrica, P. Eng., Project Manager, WSP, Red Deer
    Ming Jiao, P. Eng., Bridges- Team Lead, WSP, Red Deer

Formula Alberta Ltd. (undersigned) agrees to the 60 day acceptance period as noted above.

[Signature]

Authorized Company Official

[Date]
BF 8191
Federal Gas Tax (FGT)
FGT - $375,000
Net Cost - $125,000
Total Project cost = $500,000
<table>
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<th>Project</th>
<th>Description</th>
<th>Location</th>
<th>Eng</th>
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<th>State</th>
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<th>PROJECT TOTAL</th>
<th>Grant Revenue</th>
<th>Prior Revenue</th>
<th>Other Revenue</th>
<th>Net Tax Support</th>
<th>Net Total</th>
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<td>Replacement-03 Resource Rd</td>
<td>76 469</td>
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<td>PROJ 7103</td>
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**2022: FUNDED PROJECTS TOTAL**

- **1,995,000**
- **9,220,200**
- **91,120**
- **1,000**
- **8,250**
- **226,691**
- **10,037,501**
- **47,000**
- **32,020**
- **10,718,421**
- **-9,459,100**
- **-604,569**
- **-420,001**
- **765,040**

Page 59 of 59