Council Public Works Meeting
AGENDA

Tuesday, November 26, 2019
9:00 AM
Council Chambers
County Administration Building

1. CALL TO ORDER
2. APPROVAL OF AGENDA
3. CONSENT AGENDA
   3.1 Council for Public Works Meeting, October 22, 2019
   3.2 Director Report - October 2019
   3.3 Division 1-5 (East End Foreman) Report - October 2019
   3.4 Division 6-7 (West End Foreman) Report - October 2019
   3.5 Utilities Foreman Report - October 2019
   3.6 Right of Entry Agreement Report - October 2019
   3.7 Solid Waste Haul Data Report - October 2019
   3.8 Road Use Agreement / Roadata Report - October 2019
   3.9 GP Road Inspections Report - October 2019
   3.10 Service Request Management Report - October 2019
   3.11 Project Costing Report - October 2019
4. UNFINISHED BUSINESS
5. NEW BUSINESS
   5.1 Hillgartner Transfer Station - Report
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 2:05 p.m. on Tuesday, October 22, 2019.

2. **APPROVAL OF AGENDA**

Resolution PW20191022.001

MOVED: by Councillor J. Bishop

that the agenda be accepted as presented.

Carried Unanimously

5. **DELEGATION: 2:00 P.M. - WSP Canada**

A delegation consisting of Nathan Macleod, Joshua Maxwell and Kessie Covender, WSP, entered the meeting at 2:08 p.m.

5.1 **Hamlet Stormwater Review - Report**

In 2018, the County engaged WSP Canada Inc. to undertake a comprehensive stormwater drainage review of all Hamlets within the County of Wetaskiwin. The work was initiated in 2018 and was completed in the summer of 2019.

The Scope of Work for WSP included:

- Reviewed all available data and information available for stormwater systems within each study site. This includes any previous reports on the stormwater systems, data on the stormwater system including culvert diameter and inverts, LiDAR data for each study area and areas draining through study sites.

- The County provided LiDAR data to WSP to identify all drainage basins upstream and those affecting the study areas.

- WSP met with public works staff and had them identify all known drainage issues at each site. WSP and County staff performed a circuit of the study sites to get an overview of the drainage system. As part of the circuit, WSP surveyed all existing culverts to determine size, elevation, slope, and general condition.

DEVELOP STORMWATER MODEL

Utilizing a topographical model derived from LiDAR, a stormwater model was developed. The model also considered any areas that drain into the study sites.
ASSESS CURRENT STORMWATER SYSTEM

Stormwater modelling was used to assess the performance of the drainage systems. The assessment is to define the level of service provided by the current stormwater system (i.e., 2 year, 5 year, 100 year) for different areas as well as identify problem areas. Also, retrofits and upgrades were identified to improve the drainage and level of service.

For stormwater modeling, WSP implemented specific design storms that included the selection of appropriate intensity-duration-frequency (IDF) curves based upon consultation with the County and data availability from Environment Canada.

PREPARE STORMWATER REPORTS

An individual stormwater assessment report for each Hamlet was prepared detailing the work done in developing the stormwater model and assessing the storm drainage system. The recommended retrofits and upgrades would be identified, and budget level cost estimates would be prepared for the recommendations.

FINANCIAL:

The initial estimates for the engineering study costs were $166,000 which was a value submitted in 2018 under the Municipal Sustainability Initiative (MSI). Following further definition of work scope, the costs were reduced and set at $133,800. As this project is now complete, this will be the amount applied for under MSI.

DISCUSSION:

At the 2018/19 Strategic Planning session, Council directed PW to develop a Hamlet Infrastructure Plan (HIP). As part of the plan, initial steps include an overview of the stormwater conditions at each of the Hamlets. This stormwater overview is so important in further development of the Hamlet’s road infrastructure which includes measures and components to facilitate stormwater management. The information obtained from this study will support further road and infrastructure upgrades and will assist in the phasing of work via a logical “ground up” approach. Logical phasing includes working from “downstream to upstream”.

Administration recommended that Council receive the 2019 Hamlet Stormwater Management Study and presentation by WSP Canada Inc. as information.

The delegation left the meeting at 2:55 p.m.

Resolution PW20191022.002
MOVED: by Councillor J. Bishop

that Council receive the 2019 Hamlet Stormwater Management Study and presentation by WSP Canada Inc. as information.

Carried Unanimously

3. MINUTES APPROVAL

3.1 Council Public Works, Thursday, September 26, 2019

Resolution PW20191022.003
MOVED: by Councillor K. Rooyakkers

to approve the minutes for the Council Public Works meeting held Thursday, September 26, 2019 as presented.

Carried Unanimously

4. REPORTS

4.1 Public Works Report (September 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 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 September as follows:

**DIRECTORS REPORT**

The weather did settle down somewhat in September which allowed for maintenance and capital projects to proceed. The weather however remained cool coupled with intermittent rains that did not allow for significant drying of soil conditions.

A good portion of September was dedicated to preparation of the 2020 budget. The goal of Administration is to have a budget ready for approval prior to end of 2019. This involved a significant effort from all areas of Public Works and Utilities to identify operational issues and resource allocation as well as planning for 2020 capital projects.

Bridge Files 8191 and 71375 have both been awarded to the respective bidders and the contracts are being prepared for signatures. The construction schedule has not yet been determined noting that these two bridges have completion dates of July 2020. Therefore, the contractor may opt to wait until 2020 to initiate the work.

Application to the Alberta Emergency Management Agency (AEMA) and the Disaster Recovery Program (DRP) has been submitted. The total estimated claims for the 2019 West Flood are approaching 1 million dollars. There is however, no guarantee of success as the disaster must meet the AEMA requirements for disaster assistance.

An accident occurred in Division 7 that resulted in damage to one of the gravel trailers. TR2316 tipped over when dumping a load of limestone to a patch of road. The operator lifted the load and trailer tires sank in the soft shoulder resulting in the load shifting and tipping. At the scene was the area Patrol operator and the truck driver. An incident investigation was conducted, and this incident will be reviewed with the crews to prevent a re-occurrence. The trailer is still being assessed for damages and is covered under insurance. Depending on the repair costs, the unit may be repaired, or the County may receive cash for its replacement.

PW met with WSP Engineering to finalize the re-tender of the Alder Flats Sewer expansion. WSP has provided the updated drawings and specifications as well as updated total project costs. The scheduled re-tender closing date is November 26, 2019.

**Shop Foreman Report**

Warranty repairs were completed on the following units:

**MG0315** Caterpillar 160M Grader

Warranty repair for tandem drive wheel bearings. The repair will take 4-6 weeks at an estimated cost of $40,000. As per the warranty agreement, Finning will provide a loaner unit while MG0315 is out of service. Factoring in the cost of a loaner motor grader, transport of the machine and its repairs, it is expected the total bill will approach $60,000; all of which will be covered under the warranty.

The following vehicles were sold at Michener Allen Auctions:

**MG0612 2012 Cat 160M Grader**

Expected Salvage Value: $75,000  Auction Sale: $135,000

**MG1106 2006 Cat 160H Grader**

Expected Salvage Value: $60,000  Auction Sale: $66,500

**TR0104 2004 50’ Lowboy Trailer**

Expected Salvage Value: $10,000  Auction Sale: $52,000

**TRC30930 1993 John Deere Tractor**

Expected Salvage Value: $10,000  Auction Sale: $27,500

**T4011 2011 Dodge Truck**

Expected Salvage Value: $1,000  Auction Sale: $3,700

**T1209 2009 Dodge Truck**

Expected Salvage Value: $1,000  Auction Sale: $3,700
Expected Salvage Value: $1,000  Auction Sale: $5,400

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

- T6706 2016 Kenworth T800
- T3716 2016 Western Star WB123064

**Utilities Foreman Report**

Dart Electric found a fault with the wiring set up at Argentia #1 Lift Station. With the old style Alpha 2 Flygt controller, the Flygt bulbs needed to tip in series for the backup pump to work. Now the backup Flygt bulb is directly wired to start a pump. Mulhurst #1 Lift Station, and Sandholm Main Lift Station were also changed to this wiring set up as they also have the Alpha 2 controller. This will help prevent future sewer backups.

Argentia #1 had communication failures that prevented alarms from being called out to the Utilities Team. Utilities monitored the station 24 hours a day until Telus was able to repair the line. Utilities called the fault in September 20, 2019 and Telus did not send a Technician out until September 24, 2019. Telus found that the telephone cable in that area is faulty. Utilities Department has put a request in to have the cable replaced; however, Telus has not yet responded.

South Side Lift Station 3 had issues with further commissioning. It has found Postma had incorrectly wired the pressure switch for pump #2. Upon fixing the wiring it was also determined that the pressure switch was not good and needed to be replaced. Utilities is currently waiting for Chandos to replace the switch. Replacement is scheduled for Oct 9, 2019. Other site deficiencies are being completed in preparation for commissioning the lift station.

Utilities followed up on a complaint that the NEPL Sanitary Wastewater Line was possibly contaminating a private drinking water well in Argentia Beach area. Sampling was done and results showed that there was no wastewater contamination in the drinking water well. Alberta Environment and Parks was notified of the situation.

NEPL Disaster Plan has been updated and sent out to the Board as well as Utilities Operators.

Lights were repaired at the Mulhurst Lagoon and the Sludge Re-circulation system on the anaerobic cells was put back into service. Truck dump flush valves were also located, and the grates were cleaned up. Mulhurst Lagoon Valves were exercised and inspected along with overflow manholes.

Annual Well Diversion Licence sampling was completed for Village Lane Condos, Dorchester, Mulhurst (Lakeview Subdivision), Sunset Harbour and Winfield.

Mulhurst Transfer Station and Winfield Transfer Stations were broken into. Mulhurst Transfer Station did not have any items stolen but thieves stole the broom, first aid kit, and cleaning supplies from the Winfield Attendants shack. Both break ins were reported to Thorsby RCMP.

**Road Foreman Reports**

**Division 1-5 (East End Foreman)**

- Re-gravelling after a shoulder pull was performed on RR 241 from City of Wetaskiwin limits to TWP 460. RR 241 still to have riprap applied at culverts ends and also to have final gravels applied in October.
- Mulhurst Bay road repairs performed on 39 Street north of HWY 13 to fix multiple failing asphalt areas. Compacted limestone/clay was used to fortify the roadbase. This was covered with 3/4” road crush in preparation for winter maintenance.
- Ditch repairs were performed at two areas within Mulhurst Bay (North leg of 49 St & drainage channel adjacent to Argentia Lift Station) to improve area drainage. These ditches were to be top soiled and bladed to a mowable state in September. (This item was not completed in September due to wet conditions.)
• The Gwynne Hill Slide project was prepared for fall-seeding via the desiccation and mulching of existing vegetation and grading of the slope.

• Multiple culverts within Division 2 were repaired and flushed/cleaned in preparation for spring 2020 runoff. This specific drainage area will be under review and is planned for further repairs/replacements in 2020.

• Multiple east end staff were directed to aid in drainage rectification projects throughout Divisions 6 & 7.

• Staff aided in the Public Works shop to ready equipment for winter maintenance. Also included was the winterizing of summer equipment to prevent damages from freezing.

• Stumps removed adjacent to the Administration building following ASB’s removal of multiple diseased trees.

• Patrol operators instructed to commence grading through dust suppression areas to restore crown/shape in readiness of freezing temperatures.

• Half-mile of barbed wire fencing removed adjacent to Groeneveld property in Division 6 due to a road right-of-way purchase by the County.

• Winter sand was stockpiled at the County Quarter for purposes of third-party sand/salt mixing in early October.

• Summer gravel patching completed in Divisions 2, 3 & 4.

• Various staff completed AMHSA Joint Health & Safety Committee training.

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

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

**Division 6-7 (West End Foreman)**

• install culverts

• clean ditches

• repair soft spots

• gravel and patch

• dig out beaver dams

**Right of Entry Agreements**

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

• Andrew Schenk, to allow County crews and Contractors access SE 20-46-6 W5M; to dump material from ditching the County right-of-way.

**Solid Waste Report**

September Solid Waste Haul Totals are attached as a separate table for Council review.

**Road Use Agreements**

The September 2019 Road Use Agreement totals are as follows:

There were 189 permits issued by Roadata regarding the use of County of Wetaskiwin roads within the month of September. There were 121 TRAVIS-MJ permits issued in September 2019 for a total of $2,189.50.

**Initiated**
- Contaminated 1
- Hauler 1
- Pipeline 5
- Special 2
- Temp Water 1
- Water Well 1
- Wellsite 16

Total 27

**Completed**

- Contaminated 1
- Hauler 1
- Pipeline 5
- Special 2
- Temp Water 1
- Water Well 1
- Wellsite 16

Total 27

**GP Road Inspections**

There were 6 pre and 14 post inspections reported by Chris Patten for the month of September 2019.

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

**Resolution PW20191022.004**

MOVED: by Councillor K. Rooyakkers

that Council approve the Public Works Report for September 2019 as presented.

Carried Unanimously

### 4.2 Service Request Management Report (September 2019)

**Public Works Service Request**

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 September as follows:

**Division One:**

SRM 2066 Pending

Mr. Buskas contacted Councillor B. Krahn about a culvert within an approach north of his farm site (SW-18-44-22W4) that has ‘rotted’ and needs replacing. It is possible that East End Foreman D. Vikse tried to inspect earlier this year but the approach/culvert may have been under water.

**PW Comment:** Director of Public Works and East End Road Foreman inspected culvert on September 19, 2019. The visible end is significantly rusted. This culvert will be added to the culvert replacement program in 2020 as its condition is not compromising access yet.

**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). County crews are planning to repair the ditch & bring the sideslope to current standards. These works will be completed when time and weather permits.

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 (budget permitting). Work will involve deep subgrade repair and removal of black soil and tree compost. PW will work with the adjacent landowners to secure material for the upgrade. Testholes are being conducted during the third week of October.

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 2071 – Pending
Councillor J. Bishop reported three culverts require maintenance as follows: RGE RD 242 and TWP RD 472 on the West side running North and South is already blocked on South end. This is a 24” culvert with 6” left open for water. 100m East similar situation. 200m West similar situation with added road damage around culvert, on both sides there is a good sized hole washed away that could affect traffic. This culvert/ditch and intersection are dealt with every year in the spring as runoff washes out the road and crews are sent to thaw frozen/plugged culverts. The ditch is higher than the road in many places. This area is being reviewed by engineers for consideration next year but in the interim should be looked at proactively for maintenance before spring.

PW Comment: For the interim, County road crew opened these inlets/outlets and flushed plugged pipes during the last week of September 2019. These sites will be further monitored for performance in the Spring of 2020 and other corrective measures may be implemented.

Division Five:
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 2059 – Closed**

Councillor K. Rooyakkers receiving complaints from bus drivers of rough roads on RGE RD 50 two to three miles south of TWP RD 470.

**PW Comment:** Gravel was hauled into soft spots, graded and re-gravelled.

**SRM 2056 – Closed**

Councillor K. Rooyakkers received text from ratepayer concerning the need for gravel on RGE RD 34.

**PW Comment:** Gravel was hauled into soft spots, graded, then re-gravelled

**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 an installation in October.

**SRM 2012 – Closed**

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

**PW Comment:** material dug out and hauled away.

**SRM 2017 – Closed**

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 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.

**SRM 2072 – Pending**

Councillor L. Seely received a request to erect cautionary ‘slow children playing’ signs between Rural Addresses 454045 RGE RD 71 and 454046 RGE RD 71.

**PW Comment:** Road Foreman has been unable to address this SRM due to a focus on the remaining construction season and road repair. He will address in the next few weeks.

Administration recommended that the SRM Report for the month of September 2019 be received as information.

**Resolution PW20191022.005**

MOVED: by Councillor K. Rooyakkers

that Council receive the Service Request Management report for the month of September 2019 as information.
4.3 Project Costing Report – September 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 PW Administration action states “Effectively manage the finances and resources of Public Works Administration”.

To the end of September 2019 represents 75% of the budget year. The overall PW budget expenditures reported below total $15,905,510 or 43% of the $36,842,308 (2019 budget).

Public Works Budget

3201 Administration Budget: $4,384,465 with $3,453,060 expended to date (78.8% of the budget). Tracking as expected with a majority of the Fleet Capital expenditures accounted for.

3202 Fleet Management Budget: $4,334,740 with $1,936,757 expended to date (45% 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 $3,705,311 or 85% of the budget.

3203 Funded Projects Budget: $11,433,691 with $1,240,711 expended to date (11% of the budget). Work has been initiated on the G3 Resource Road with its three bridge replacements underway. Due to poor weather in 2019, some projects will be delayed to 2020.

3204 Patrol Operators Budget: $2,570,000 with $1,786,114 expended to date (69% of the budget). Tracking as expected, however note that costs for contract graders are not reflected for the month of September. This would add approximately $80,000 to the total.

3205 Road Maintenance Budget: $2,623,248 with $2,278,296 expended to date. (87% 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 a portion of 2019 work will be held over into 2020.

3207 Paved Roads Budget: $402,118 with $91,760 expended to date. (23% of the budget). Some work has been completed between rain days. Cracksealing, painting and a few fog coats have been applied.

3208 Graveling Budget: 85% of the planned 126,000 tonnes have been applied to the roadway. Remaining work includes about 2,000 tonnes for summer gravelling; 14,000 tonnes for undesignated and 2,700 tonnes for patching. It is expected that the planned gravelling will be completed this Fall season.

Utilities Budget:

4100 Water Services Budget: $355,550 with $413,219 expended to date (116% 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 $1,258,653 expended to date (44% 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 $819,550 expended to date (61% of the budget). Tracking as expected with recycling costs yet to be accrued.

Administration recommended that Council accept the Public Works and Utilities – Project Costing Report to September 30, 2019 as presented.
Resolution PW20191022.006
MOVED: by Councillor L. Seely
that Council approve the Public Works and Utilities – Project Costing Report to September 30, 2019 as presented.

Carried Unanimously

7. NEW BUSINESS

7.1 G3 Canada Ltd. Request for Speed Change on Hwy 2A - Report

G3 Canada Ltd. is well underway in the development of its grain handling facility located 2 km south of the City of Wetaskiwin. As part of the development agreement between G3, the County and Alberta Transportation, upgrades are to be constructed at the intersection of Hwy 2A and Twp Rd 460.

The original design of the intersection upgrade necessitated the purchase of additional lands to implement a Type 4 intersection treatment which included additional storage ques, bypass lanes, channelized right turn and illumination. Unfortunately, the land negotiations between G3 and the two affected landowners were not successful, therefore a revised intersection treatment is being proposed by G3 which is to be approved by Alberta Transportation and the County prior to design and construction.

As part of the revision and due to restrictions to the existing road right of way, it is necessary to incorporate signalization at the intersection. To safely implement traffic signals requires a speed reduction from the current posting of 100 km/hr down to 80 km/hr. The speed reduction will allow for traffic signals to function appropriately for traffic speeds when determining Intersection Sight Distance and Decision Sight Distance.

DISCUSSION:

The County does not have jurisdiction regarding gazetted speed on provincial roadways. As Highway 2A is a Provincial road, the decision to reduce a speed limit is more difficult than it may seem. Alberta Transportation prioritizes efficiency of its roadway systems as much as they do overall safety. Requests to reduce speed along a Provincial Highway is considered very carefully when considering safety and efficiency of the transportation network.

Considering that this project is important to the County, and given that the County is working very closely with the developer (G3), adjacent landowners and stakeholders, it would be most beneficial to support the request for a speed reduction along Highway 2A in the interest of public safety and the incorporation of an acceptable intersection treatment.

Administration recommended that Council support a speed reduction on Hwy 2A to facilitate upgrades at the intersection of Highway 2A and Twp Rd 460. The speed zone can take effect immediately for southbound traffic leaving the City and approaching the intersection; and an acceptable distance south of the intersection to allow for early warning and reduction of speed for northbound traffic approaching the intersection.

 Resolution PW20191022.007
MOVED: by Councillor L. Seely

that Council prepare a letter of support for a speed reduction along Hwy 2A regarding proposed upgrades by G3 Canada Ltd. at the intersection of Hwy 2A and Twp Rd 460, and forward to Alberta Transportation for their review and consideration.

Carried Unanimously

7.2 Village Lane Condos: Request for Street Light Contribution -Report

Mr. Brent Gray, President of the Village Lane Condos (VLC) has submitted a letter of request for financial assistance with respect to electricity costs to operate streetlights within his condominium community.
This financial assistance is not unprecedented as the County has contributory agreements with the Sunset Harbour condominium and the Village at Pigeon Lake. The compensation for each of these are set at $16 per streetlight per month. In the case of Sunset Harbour, they are compensated for 20 streetlights for an annual total of $3,840. The Sunset Harbour agreement is a five-year term and it is set to expire at the end of 2019.

Included in his letter, Mr. Gray has provided historical operating (electricity) costs for years 2017 to 2019. In 2019, the total electricity bill was $2,883.54 for eleven streetlights.

DISCUSSION:

As indicated, there is a precedence in which the County has provided financial assistance to offset streetlight electricity costs in these communities. The request from Village Lane Condos is consistent with that of Sunset Harbour and the Village at Pigeon Lake (VPL), therefore it could be considered and treated similarly.

FINANCIAL:

To offset the electricity cost, it is proposed to offer a contributory amount of $18 per streetlight per month to VLC. This is in recognition of rising power costs due to inflation and an increase to the $16 rate. The total contributory cost therefor to the County would be $2,376 per year which comes close to offsetting VLC's annual bill. If approved, this amount will be included in the 2020 budget under 3205 Road Maintenance.

It is also proposed to prepare a new contributory agreement with Sunset Harbour at the new rate of $18 per streetlight per month. Note that the agreement with VPL will expire at the end of 2021.

To assist in offsetting electricity costs, Administration recommended that Council direct Public Works to prepare a streetlight Contribution Agreement for Village Lane Condos at a rate of $18 per streetlight per month, for a five-year term 2020 to 2024. It is also recommended to prepare a new streetlight Contribution Agreement for Sunset Harbour at a similar rate and term. The agreement is specific to offset electricity costs only. The ongoing ownership, maintenance and future replacement of the streetlights resides with the condominiums.

Resolution PW20191022.008

MOVED: by Councillor L. Seely that Council approve new streetlight Contribution Agreements to help offset electricity costs for the condominiums of Sunset Harbour and Village Lane Condos at a rate of $18 per streetlight per month, and for five-year terms - 2020 to 2024 inclusive.

Carried Unanimously

7.3 Hilgartner Gravel Pit - Wetland Compensation and New COP - Report

The County has been operating the Hilgartner Pit since 1995. Prior to 2001, excavation and mining activities included a portion of two wetlands. Due to the mining operations, the wetlands were dewatered. Prior to 2001, the Wetland Policy was in early development and not enforced as it is today. A standard practice 15-20 years ago included the dewatering of areas for mining of gravels.

The original Environmental Protection and Enhancement Act (EPEA) approval (Registration No. SG-42-89) was granted for the Hilgartner Pit in 1995. This approval expired on February 3, 2005 and was replaced in 2007 by Registration No. 15912-02-00. Following this, the County conducted mining and crushing operations throughout the years with the last crush occurring in 2016.

In March 2017, the County received a letter from Alberta Environment and Parks (AEP) indicating an unauthorized activity at the Hilgartner Gravel Pit. AEP conducted a desktop review and noted that operations were beyond the registered details of the registered Activity Plan. As this was a contravention to legislation put forth in the Code of Practice for Pits, the County was ordered to "...immediately cease operation in the unapproved area." The letter also instructed the County to update their Activities
Plan to reflect the unapproved areas of disturbance and detail future mining and reclamation activities.

In June 2017, and on behalf of the County, WSP provided a 7-day Report for Water Act Contravention to AEP. AEP required a desktop wetland assessment which was done March 2018. Subsequent to the desktop assessment, AEP required a Wetland Assessment and Impact Report (WAIR) be completed. WSP conducted a field survey of the area on July 11, 2018 and completed the WAIR in September 2018.

The WAIR documented that the wetland in SW 29 had undergone disturbance and therefor was in contravention of the Wetland Policy. For 2020 and beyond, the County proposes to mine through this dewatered wetland and is required to compensate Ducks Unlimited Canada for the loss of wetland area. Based on information in the WAIR, the in-lieu compensation for both wetlands (SW 29 and NW 29) has been established as follows:

- Wetland Area removed: 5.65 ha
- Classification of Wetland: Class D
- Compensation Rate for Class D: $18,500 per hectare
- Total Compensation for Wetland Replacement: $109,751.25

The remaining volume of pitrun located beneath the wetlands is estimated at 140,000 m$^3$. This has an estimated value of $5 per cubic metre, or $700,000 of insitu pitrun value.

A revised COP amendment for the current and future development of the Hilgartner/Hundeby Pit located in SW 29-045-23 W4M (SW 29) and NW 29-045-23 W4M (NW 29) has been prepared by WSP. With the revised COP, it is proposed that the current Hilgartner pit boundary be extended to incorporate the land directly to the north in NW 29 (currently called the Hundeby Pit). It is proposed that the amended Hilgartner pit plan be registered as the Hilgartner/Hundeby Pit.

The County estimates there are approximately 600,000 tonnes of gravel left to be mined in the Hilgartner/Hundeby Pit. With an annual removal rate of approximately 30,000 tonnes, the life expectancy of the proposed pit is 20 years.

**FINANCIAL:**

The County is preparing to crush additional aggregate at the Hilgartner/Hundeby Pit in years 2020/21. Before this can happen, the Wetland Compensation has to be paid so that the new revised COP for the Hilgartner/Hundeby Pit can be registered. The Wetland compensation of $109,751.25 will be added to the cost of the future produced aggregate. Also included in the future unit cost of aggregate is stripping, crushing, stockpiling, engineering and pit reclamation costs.

Administration recommended that Council receive the update regarding the Hilgartner/Hundeby Pit development as information.

**Resolution PW20191022.009**

MOVED: by Councillor J. Bishop

that Council receive the update regarding the Hilgartner/Hundeby Pit and revised Code of Practice for Pits as information.

Carried Unanimously

8. **CLOSED TO THE PUBLIC**

**Resolution PW20191022.010**

MOVED: by Councillor K. Rooyakkers

that the meeting be closed to the public, at 3:42 p.m., pursuant to Section 197 of the Municipal Government Act, 2000, Chapter M-26 and amendments thereto, and the Freedom of Information and Protection of Privacy Act, Part 1, Division 2 Exceptions to Disclosure, Section 21 Disclosure harmful to intergovernmental relations to discuss Range Road 11.
Carried Unanimously

Resolution PW20191022.011
MOVED: by Councillor L. Seely
that the meeting be opened to the public at 3:56 p.m.

Carried Unanimously

Resolution PW20191022.012
MOVED: by Councillor K. Adair
that Administration work with the Summer Villages to explore possible grant funding for paving Range Road 11 and Range Road 12.

Carried Unanimously

10. ADJOURN

Resolution PW20191022.013
MOVED: by Councillor J. Bishop
that the Council for Public Works meeting be adjourned at 3:58 p.m.

Carried Unanimously

9. INFORMATION ITEMS

_________________________
REEVE

_________________________
CHIEF ADMINISTRATIVE OFFICER
DIRECTORS REPORT – OCTOBER 2019

GENERAL:

The weather was fairly cooperative in October which allowed for fall maintenance activities and capital projects to proceed. The weather began to turn at the end of the month signaling a switch to winter maintenance operations.

Attended a Strategic Planning session with Council, Directors and the facilitator Transitional Solutions Inc. (TSI). This was followed up with a Tactical Planning session that involved TSI, CAO, Asst. CAO and Directors.

A good portion of September and October was dedicated to preparation of the 2020 budget. The goal of Administration is to have the 2020 budget ready for approval prior to end of 2019. This involved a significant effort from all areas of Public Works and Utilities to identify operational issues and resource allocation as well as planning for 2020 capital projects. In addition to County operations, budgets for the Commissions of the NEPLR and SPLR wastewater systems have been prepared.

A new Truck Driver/Equipment Operator was hired for the Winfield shop to replace a terminated employee. This person started work November 4, 2019.

Working with Finance and IT regarding the development of the Asset Management System (AMS). This is a significant initiative that will involve contributions from all levels of Public Works and Utilities. The initial business unit to be targeted for implementation of the AMS will be the Fleet Department.

Application to the Alberta Emergency Management Agency (AEMA) and the Disaster Recovery Program (DRP) has been submitted. The total estimated claims for the 2019 West Flood are approaching 1 million dollars. There is, however, no guarantee of success as the disaster must meet the AEMA requirements for disaster assistance. AEMA has responded with a letter acknowledging the application and the County will now wait for their further response.

PUBLIC WORKS:

Bridge Files 8191 and 71375 have both been awarded to the respective bidders and the contracts are in place. The construction on BF 71375 began November 12, 2019 and the contractor (Volker Stevin) is planning to have the work completed by mid to late December. This project did have an extended completion date to July 31, 2020; however, it will appear that the work will get done in 2019. The contractor for BF 8191 (Formula AB Ltd.) has not yet put forth a work schedule. This contract also has an extended completion date of July 31, 2020.
Preparing and organizing documents, environmental approvals and Pit Plans for the Hilgartner Pit. The plan is to begin stripping of topsoil and overburden once the Pit Plan has been accepted by Alberta Environment and Parks. The plan is to commence crushing operations in 2020.

The G3 Resource Road project is in winter shutdown for the period of November to April. The County will perform winter maintenance on this road section during this period. The speed reduction to 50 km/h will remain in place. The balance of this 2019 project will be carried over to 2020.

The Battle Lake Trail is substantially complete. The road and ditch are to grade, however, there remains some work to do with texturing the ditch and seeding. Due to the wet conditions, this will be done in 2020. The holdback will not be released until the contract is satisfactorily completed.

The Em-Te-Town Road project is in winter shutdown for the period of November to April. The County will perform winter maintenance on this road section during this period. The speed reduction to 50 km/h will remain in place. The balance of this 2019 project will be carried over to 2020.

**UTILITIES:**

The Alder Flats Sewer expansion project has been retendered and will close November 27, 2019 at 2 pm. A recommendation will be presented at the next available council meeting. This project is scheduled to be completed by the end of September 2020.

Lift Station No. 3 is finally complete and fully commissioned. As of November 1, 2019, it was ready to receive effluent from the summer villages of Poplar Bay and Grandview. Grandview had been sending their effluent south through to Crystal Springs where it ultimately ended up at Lift Station 2. Recent efforts for these two communities include the operation and setup of mainline valves to direct the flow of effluent northwest to Lift Station 3.
Division 1-5 (East End Foreman)

- RGE RD 241 had riprap applied at new centerline culverts ends & also final gravels applied in October. Back-sloping to be completed in November as weather permits.
- Ditch repairs completed within Mulhurst Bay (North end of 49 Street) to improve area drainage.
- The Gwynne Hill Slide project was seeded. Also, galvanized railing/barrier fence was installed at the retaining wall and bind wall as a safety measure.
- Staff aided in the Public Works shop to ready equipment for winter maintenance. i.e.: grader wings, sanding equipment, plowing equipment, etc.
- 2500 tonnes of winter sand was mixed at the County Quarter with a 5% salt/sand mix strength.
- Stumps removed on the west ditch of 49 Street in Mulhurst as they were posing issue with grader snow clearing & mowing procedures.
- Drainage & culvert improvements to the RGE RD 270 and TWP 465 vicinity commenced late-October. This work to be completed early November.
- Multiple dig-outs performed on TWP 462 East of HWY 613 (Bethany Homes Road). Soft areas were removed and replaced with compacted limestone rock. The project also included a re-gravelling of the repaired areas.
- Dig-out performed on RGE RD 264, South of TWP 464. Problem area excavated & replaced with compacted limestone & subsequently re-gravelled.
- Undesignated gravels applied throughout east half of county at multiple locations to ready for winter season.
- Multiple large pothole repairs were completed on RGE RD 12 between Lakedell Transfer Station & the Summer Village of Grandview.
- A 700 sq.m cold-mix asphalt repair was completed on the west end of Bev-Etta Estates due to excessive surface failures.
- Repairs completed to the boulevard at the Mulhurst Mailboxes due to equipment damage to the grassed area.
- All tires removed from Gwynne Transfer Station & sent for recycling.
- Started removing tires from the Buck Lake Transfer Station for recycling. To be completed in November.
- Completed a 900 tonne (+/-) riprap haul from Ant Const. Ltd. Pit to Winfield for county stockpiling/use.
- Multiple east end staff were directed to aid in drainage rectification projects throughout Divisions 6 and 7.
- Ongoing signage installation, garbage pick-up, traffic counter relocations, hand-brushing, beaver dam removal, tree removal, etc.
Road Foreman Reports – October 2019

Division 6-7 (West End Foreman)

- Replaced approach culvert on RGE RD 74 south of TWP RD 454
- Replaced culvert at intersection TWP RD 462 and RGE RD 80
- Replaced culvert on RGE RD 80 north of TWP RD 462
- Replaced culverts on RGE RD 53 south of TWP RD 460
- Repaired drainage on RGE RD 75A south of TWP RD 451
- Cleaned ditch on TWP RD 462 west of RGE RD 75
- Cleaned ditch on RGE RD 75 south of TWP RD 460
- Stockpiled riprap at Winfield yard
- Graveling and patching
Utilities Foreman Report – October 2019

• Argentia #1 Lift Station had several communication errors over the summer months due to a faulty Telus line. The faulty line prevented alarms from being sent out to on call staff. Operators had to monitor the station 24/7 until the line could be repaired. This happened 3 times, and Telus’ response time was anywhere from 3-7 days to complete repairs. Utilities Emergency Response Plan states that when an alarm system is not working Utilities must monitor the station 24/7 until repairs are complete.

• Utilities began a discharge of the Winfield Lagoon and Alder Flats Lagoon on Oct 2, 2019. Winfield Lagoon discharge was completed on Oct 7 2019. Alder Flats Lagoon discharge was completed on Oct 15, 2019.

• Range View Contracting was completing civil work at South Side #3 Lift Station when they cut through the Fortis Power Line and Telus phone line. The contractor had gotten stuck with a skid steer and cut through the lines while attempting to get themselves out. Upon returning to the site the next day the contractor noticed the generator was still running and contacted Chandos; Chandos then contacted the County Utilities Foreman. The generator ran for approximately 24 hours. The County will be seeking an extended warranty on the generator and fuel costs.

• There is ongoing work at the South Side #3 Lift Station site. A new pressure switch was installed on Pump #2. Alarm system and generator system were tested. There is still a list of items for the contractor to complete but the site is operational in its current state and the valves to the site are open. Utilities is currently waiting for THS to complete a walkthrough of the summer village and to open the boundary valve.

• Utilities put the sludge recirculation system at the Mulhurst Lagoon back into service. This system recirculates sludge between the anaerobic cells to help better digest the sludge. The system was taken out of service a few years ago due to mechanical issues and staff shortage.

• Utilities is now completing a weekly walk through inspection of the Lagoons. It was discovered at the Mulhurst Lagoon that there are a few tears in the HDPE liner above the high-water mark that need to be repaired. It was also discovered that burrowing rodents are becoming an issue at the Mulhurst and Winfield Lagoon. Agricultural Services Department has been notified and will be working to eradicate the rodents.

• IVIS was at the Mulhurst Lagoon site to complete some clean up before winter. The truck dumps were cleared of grit and the dump lines were jetted. Sludge was removed from the manholes where South Side #2 lift station ties into the Lagoon.
• Utilities Department started a later discharge of the Mulhurst Lagoon – November 6, 2019. The later discharge was due to bridge construction on HWY 795 and HWY 616, as well as several beaver dams that needed to be cleared from Pipestone Creek.

• Utilities Department is now completing an annual valve exercise program at the Mulhurst Lagoon.

• Utilities Department followed up on odor complaints along West Acreage Road. Manhole Inserts with Odor Absorbing Gel were added along the sewer main to reduce odors.

• Dorchester Estates outdoor water reservoir has been shut and drained for the winter. The CT calculation and has been adjusted to reflect the new smaller reservoir capacity.

• Utilities Department rebuilt several fire hydrants in Winfield. Due to the high ground water table this year Utilities also added plug kits to several hydrants. This will prevent ground water from seeping into the hydrants and potentially having the hydrants freeze and break. Utilities has been in contact with the Winfield Fire Department to let them know which hydrants need to be pumped out after use. Utilities is putting together a new SOP for the Fire Department to follow when using hydrants.

• Cobra Plumbing was on site in Winfield to replace a leaky Fire Hydrant and 3 leaky water main isolation valves.

• The Secondary gate at the Buck Lake Transfer Station will now be closed and locked when the site is closed. Over the past few months there have been issues with people entering the transfer station and dropping off material while the site is unattended.
**Right of Entry Agreements**

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

- Ware Farms Inc. (Darren Ware), to allow County crews and Contractors to access NW/SW 12-46-24 W4M to backslope County right of way along RGE RD 241 and construct swale to tie into the City of Wetaskiwin’s drainage ditch.
<table>
<thead>
<tr>
<th>Transfer Station</th>
<th># Users</th>
<th>Loads</th>
<th>Weight</th>
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<tr>
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<td>Millet</td>
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<td>Peace Hills</td>
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**TOTALS:** 2487 27 109,410 1738 24 81,190 10384 163 756,838 10027 92 453,763 2902 30 108,800 0 13 13,480 22550

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**TOTALS:** 51545 789 3,140,000 0 358
Road Use Agreements – October 2019

The following Road Use Agreements were processed by PW Administration:

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<td>Contaminated Haul</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Gravel Pit</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Hauler</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Pipeline</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Septic</td>
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<td>32</td>
</tr>
<tr>
<td>Special</td>
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<td>2</td>
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<tr>
<td>Wellsite</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>41</strong></td>
<td><strong>76</strong></td>
</tr>
</tbody>
</table>

Roadata – October 2019

There were 224 permits issued by Roadata regarding the use of County of Wetaskiwin roads.

There were 189 Travis MJ permits issued for a total amount of $2,740.50.
**GP Road Inspections**

The following totals were submitted by GP Road Inspections for the month of October 2019.

<table>
<thead>
<tr>
<th>Pre-Inspections</th>
<th>Post-Inspections</th>
<th>Approach Inspections</th>
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<tbody>
<tr>
<td>4</td>
<td>7</td>
<td>0</td>
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<tr>
<td>Request Id</td>
<td>Status</td>
<td>Request</td>
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<tr>
<td>------------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>1587</td>
<td>Assigned</td>
<td>Requested by Councillor L. Seely to extend the street lighting to the intersection of RGE RD 63 and Lakeshore Drive in the Hamlet of Buck Lake as per Strat Plan discussions.</td>
</tr>
<tr>
<td>1856</td>
<td>Assigned</td>
<td>RGE RD 254 South of HWY 616 had been graded and Councillor J. Bishop travelled the road the next morning. It was in better shape but still appears to have the same issues it did when the work order was put in during the spring. That being the fact that the pot holes and washboard are not being removed but cut half way down and then filled in. It takes very little time before the loose gravel comes out of the holes and returns to the same condition. Some areas looked as though they were not done at all the very next morning. Please investigate the condition of this section of road.</td>
</tr>
<tr>
<td>1932</td>
<td>Hold</td>
<td>Councillor J. Bishop reported that east from Pipestone School the road has major frost boil issues with black dirt mounds developing along the road. Administration is to advise Council of the plan to address this problem.</td>
</tr>
<tr>
<td>1980</td>
<td>Assigned</td>
<td>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.</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>
</tr>
</tbody>
</table>

**PW Comment**

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 an installation in October.

An issue prevalent in the Pipestone area with boulders in the road subgrade. The Patrol Operator also complains about the presence of boulders that make it difficult to blade and shape the road. Another solution is to bench the road down 400 mm and cover with a clay cap. The clay cap would provide a suitable base to blade and help to suppress the boulders from rising through the subgrade. It will be considered during the 2020 budget process. Previously, PW has scarified and removed rocks on this road and this could be done again in 2020.

This road segment will be scheduled for repair in 2020 (budget permitting). Work will involve deep subgrade repair and removal of black soil and tree compost. PW will work with the adjacent landowners to secure material for the upgrade. Neil and Dallas witnessed the test holes on October 18, 2019 and this has been delegated a 2020 project. Included will be ditching and road coring/rebuild for approx 500m from the pavement to the east range road intersection.

The culvert on RGE RD 42 south of TWP 470 will not be repaired until 2020 due to wet conditions. County crews are planning to repair the ditch & bring the sideslope to current standards. This was not completed in 2019 due to weather and staffing resources. Will be completed in Spring 2020.
Councillor Adair received the following email: "Regarding my tax dollars wasted on marking the road for repairs last year and still nothing has been done. On April 25th, May 22 I sent e-Mails to you in regards repairing the road, I then called you on June 26 and you stated you would get back to me. It is now August 6th and I am still waiting. I find your attitude very unprofessional and this is a blatant disregard for a voting member of this community. I would appreciate some sort of response out of your duty as My councillor. I have cc'd this to the Reeve in hopes that maybe Terry can respond as you apparently have refused too. Thank you Irene Demskie" Dallas - Please advise if any upgrades have been done in Mulhurst Estates.

The road was inspected and there will be improvements/repairs made due to base failure. In September 2019, a limestone/clay mixture was used, with a road crush applied for winter.

Mr. Buskas contacted Councillor Krahn again about a culvert within an approach north of his farmsite (SW-18-44-22W4) that has rotted and needs replacing. It is possible that Dallas tried to inspect earlier this year but the approach/culvert may have been under water. Please create SRM and have it inspected again. Mr. Buskas phone number is 780-352-1077.

Director of Public Works and East End Road Foreman inspected culvert on September 19, 2019. The visible end is significantly rusted. This culvert will be added to the culvert replacement program in 2020 as its condition is not compromising access yet.

September 24, 2019 Josh Bishop emailed Rod There are 3 culverts requiring maintenance. Rr242 and twp 472 on the West side running North and South is already blocked on South end. This is a 24" culvert with 6" left open for water. 100m East similar situation. 200m West similar situation with added road damage around culvert, on both sides there is a good sized hole washed away that could affect traffic. This culvert/ditch and intersection are dealt with every year in the spring as runoff washes out the road and crews are sent to thaw frozen/plugged culverts. The ditch is higher than the road in many places. This area is being reviewed by engineers for consideration next year but in the interim should be looked at proactively for maintenance before spring. Thanks Josh Bishop

Councillor L. Seely received a request to erect cautionary 'slow children playing' signs between Rural Addresses 454045 RGE RD 71 and 454046 RGE RD 71. RGE RD 71 and TWP RD 454 Murffitt, Daryn 10/30/19 3:30PM 09/24/19 12:30AM

Signs were installed on October 30, 2019.

Perry Nelson contacted Councillor B. Krahn about his rental land on the SW 1-46-24 W4M. Trident Oilfield (now defunct) had installed an approach and now it has been removed and he has no access to the farmland.

The approach has been re-installed for access.

Councillor B. Krahn was contacted by John Friesen regarding a large dip in the road (TWP RD 450 near RGE RD 234) where a culvert was replaced or repaired during recent construction. He indicated the dip is large enough to damage axels on vehicles.

Netook Construction completed centerline culvert replacement on November 8, 2019.

October 8, 2019 Councillor Adair contacted by Cliff Stone Email from Rod: Councillor Adair was contacted by Cliff Stone about stumps and rocks in ditch in the area where road work was completed. The location is NW-24-45-28W4 and there was a possible right of entry agreement. Please investigate and respond.

October 10, 2019 Councillor Seely contacted Rod; email from Rod as follows: Councillor Seely attended the Sunset Bay Community Group meeting last night and the following item came out of it: Lot 3, Block 11 (Kary Picklyk) complained that the MR on the north of his property was not draining to the west and as a result, the water was flooding his property. Please investigate and provide any information. Kerry Picklyk (780-542-6403)

Excess water in 2019 causes many flooding issues

October 29, 2019 Councillor Seely spoke to Rod & Rod passed on email as follows: Councillor Seely approached me today about possible drainage issue on RR62 1.5 miles north of Hiway 13 (W Â½-23-46-SW5). The drainage appears to be forced north but the question is whether it should be going west through the road? Please investigate and respond at your convenience.

The water is running downhill to the north into a dugout and then to the east. West-end Foreman does not see any issues.
COSTING REPORT

- To the end of October 2019 represents 83.3% of the budget year. The overall PW and UT budget expenditures reported below total $19,332,875 or 52.5% of the $36,842,308 (2019 budget).

Public Works Budget

3201 Administration Budget: $4,384,465 with $3,581,626 expended to date (81.7% of the budget). Tracking as expected with a majority of the Fleet Capital expenditures accounted for.

3202 Fleet Management Budget: $4,334,740 with $2,345,465 expended to date (54% of the budget). The transfer of capital of the budgeted $1,768,554 will occur near the end of 2019. This amount, when added to accrued expenses, brings the total amount to $4,114,019 or 95% of the budget.

3203 Funded Projects Budget: $11,433,691 with $2,396,520 expended to date (21% of the budget). Work has been initiated on the G3 Resource Road with its three bridge replacements now primarily complete. Due to poor weather in 2019, some projects will be delayed to 2020. G3 Resource Road is now in winter shutdown.

3204 Patrol Operators Budget: $2,570,000 with $2,169,711 expended to date (84% of the budget). Tracking as expected; a costing report by Patrol Area is attached.

3205 Road Maintenance Budget: $2,623,248 with $2,573,072 expended to date. (98% of the budget). Tracking higher than expected. Additional costs are attributed to the 2019 storm damage in Divisions 6 and 7 which so far has totaled $400,000.

3206 Road Construction Budget: $3,258,637 with $1,468,930 expended to date. (45% of the budget). Many rain days have delayed this work from progressing. A portion of the 2019 work will be held over into 2020. The Em-Te-Town Road is now in winter shutdown.

3207 Paved Roads Budget: $402,118 with $92,079 expended to date. (23% of the budget). Some work has been completed between rain days. Cracksealing, painting and a few fog coats have been applied. Due to winter conditions, there will be no further work performed under this business unit.

3208 Graveling Budget: 86% of the planned 126,000 tonnes have been applied to the roadway. Remaining work includes about 4,700 tonnes for summer gravelling; 11,000 tonnes for undesignated and 2,200 tonnes for patching.

Public Works Summary: Total Budget of $32,279,596 with $16,456,503 expended to date, or 51% of the budget.
Utilities Budget:

4100 Water Services Budget: $355,550 with $499,838 expended to date (140% 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 $1,357,411 expended to date (47% of the budget). Salaries tracking below expected with Operators spending more time in Water operations. Alder Flats Sewer Expansion capital project delayed to 2020.

4300 Solid Waste Management Budget: $1,336,324 with $1,019,122 expended to date (76% of the budget). Tracking as expected with some recycling costs yet to be expensed.

Utilities Summary: Total Budget of $4,562,712 with $2,876,373 expended to date, or 63% of the budget.
### County of Wetaskiwin

#### 1-PW Expense Report for Council

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<tr>
<th>Code</th>
<th>Description</th>
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<th>Actual 2019</th>
<th>YTD Variance</th>
<th>% YTD</th>
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**TOT PW** | **PW Expense for Council** | **32,279,596** | **16,456,503** | **15,823,093** | **51.0%**

---

### County of Wetaskiwin

#### 1-UT Expense Report for Council

<table>
<thead>
<tr>
<th>Code</th>
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<th>% YTD</th>
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**TOT UT** | **PW Expense for Council** | **4,562,712** | **2,876,373** | **1,686,339** | **63.0%**

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Page 30 of 36
<table>
<thead>
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<th>YTD Variance</th>
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<td>-2,169,711</td>
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Hilgartner Transfer Station - Report

Meeting Date (Report Reference Only): 2019/11/26

Meeting (Report Reference Only): Council Public Works

Background

The County has received notice of retirement from the residing Hilgartner Transfer Station attendant and the retirement date is set for the end of December 2019. This position is considered permanent part-time with a typical two - (8 hr) day work week (Tuesday, Saturday). As is the case for each retirement, the County will take the opportunity to examine the position for its validity, effectiveness and ongoing necessity.

The Hilgartner Transfer Station has been in operation for several years. It is a low volume solid waste collection site that contains two roll off bins, an agricultural recycle shed and a recycling area to temporarily store televisions, electronics, paint and small batteries.

Of the nine total transfer stations in the County, this site has the lowest volume of waste to contend with. Essentially, all waste that is brought to the site is shipped out as the site does not have capacity for receiving metal, tires, burnable waste etc. A tabled report indicating the total tonnage haul to WDML landfill is attached; it summarizes all of the transfer station sites for the five-year period 2014-2018.

Over the past 5 years, the Hilgartner site has averaged 105,472 tonnes of material per year. This, versus the busiest transfer station site at Lakedell which has averaged 779,505 tonnes per year over the same period.

The total operating cost for the Hilgartner site for the 5-Year period of 2014-2018 inclusive is $154,922. The average annual operating cost is $31,000 which equates to approximately $0.30 per tonne of handled material. This includes all the labour, material and equipment to run the site and is inclusive of the hauling cost to transport the waste to the WDML landfill. The tipping fees charged at the WDML landfill are not included in the overall cost.

As this is a low volume site with respect to other County transfer station sites, consideration can be given to shutting the site down and repurposing the infrastructure to other transfer station facilities. However, the area it supports within Division 1 will still generate 105,000 tonnes of annual waste material which will need to be delivered to the next nearest facility near Gwynne.
Gwynne currently handles an average of 236,000 tonnes of material per year. If the Hilgartner waste was to be added, the net overall increase to the Gwynne facility would be 44%. This would likely necessitate adding roll off bins and conducting other site upgrades to the Gwynne site.

To shut down the Hilgartner site would only save $21,000 in transfer station labour costs. Users of the facility would have to transport their waste an additional 20 km to reach the Gwynne site. The existing County effort to transport the Hilgartner waste to WDML would simply shift to the Gwynne facility, therefore there would be no cost savings associated with this activity outside of a slightly less haul distance to WDML.

**DISCUSSION:**

**Positives of shutting down the site:**
- Reduction of overall costs to the 4300 Solid Waste budget - $21,000 (salary);
- One less site to maintain and upgrade;
- Once less person to manage.

**Negatives in shutting down the site:**
- Users would need to travel an additional 20 km to the next nearest facility near Gwynne;
- Reduced level of service from the current level;
- Some users may choose to dump their waste in County ditches to protest;
- Gwynne would experience a nearly 50% increase in solid waste material. This will likely necessitate upgrades to the current infrastructure.

**Alternatives**

The alternatives for discussion include:

1. Maintain the site in its current level of service and hire a new person to replace the retiring individual; or
2. Close down the station, repurpose the infrastructure and reclaim the site.

**Recommendations**

Administration recommends that Council maintain the current level of service at the Hilgartner solid waste Transfer Station and proceed with the replacement of the retiring transfer station attendant.

**Recommended Resolution**

THAT Council direct Administration to maintain the Hilgartner Solid Waste Transfer Station at its current level of service until such time as Council may deem otherwise.
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<thead>
<tr>
<th>Location</th>
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<th>Loads 2014</th>
<th>Tonnes 2014</th>
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