Council Public Works Meeting

MINUTES

Tuesday, October 22, 2019, 1:30 PM
Council Chambers
County Administration Building

Present
Reeve Terry Van de Kraats
Councillor Josh Bishop
Councillor Bill Krahn
Councillor Ken Adair
Councillor Kathy Rooyakkers
Councillor Lyle Seely

Absent
Councillor Dale Woitt

Staff Present
Rod Hawken, Chief Administrative Officer
Neil Powell, Director of Public Works
Barb Wolter, Recording Secretary

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: $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.

**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
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- 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. Rooyakers 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 graveling 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.

Theoriginal 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.
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

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REEVE

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CHIEF ADMINISTRATIVE OFFICER