



Public Works Committee

Agenda

Council Chamber, Leduc County Centre, Nisku, AB

Monday, June 14, 2021

1. Order – 1:30 p.m.
2. Adoption of agenda
3. Adoption of previous minutes
- Monday May 10, 2021 ✓
4. Public presentations
 - a) 2:00 p.m. – 7 d) Matt Parker, Morrison Hershfield
 - b) 2:15 p.m. – 7 e) Lee Harris, GFL Environmental
5. Department reports and recommendations
 - a) General
 - i) Current open files update Re: 053-21 ✓ Des Mryglod
 - b) Utilities
 - i)
 - c) Engineering
 - i) Intersection assessment Township Road 494 & Range Road 281 ✓ Amro Kotb
 - ii) Intersection assessment Township Road 492 & Range Road 22 ✓ Amro Kotb
 - iii) Intersection assessment Township Road 502 & Range Road 255 ✓ Amro Kotb
 - iv) Intersection assessment Township Road 482 & Range Road 14 ✓ Amro Kotb
 - v) Range Road 263 speed reduction and shortcutting Re: 069-20, 056-20, 055-20 ✓ Amro Kotb
 - vi) Road right-of-way land sale – Range Road 32, Skermer ✓ Amro Kotb
 - d) Road Operations
 - i) Intersection assessment Highway 623 and Range Road 233 ✓ Garrett Broadbent
6. In-camera - in accordance with the Freedom of Information and Protection of Privacy Act (FOIP)
 - a)
7. Information items
 - a) PWC actions items list Re: 059-21 ✓ Des Mryglod
 - b) Department activity report Re: 060-21 ✓ Des Mryglod
 - c) Transportation master plan update ✓ Amro Kotb
 - d) Waste to energy presentation
 - e) End producer responsibility presentation
8. Adjournment

✓ Attachment provided

Leduc County is dedicated to serving its citizens and will create an enhanced quality of life through effective leadership, committed partnerships and open, transparent communication.



Public Works Committee

Minutes

(via Zoom), Leduc County Centre, Nisku, AB
Monday, June 14, 2021

Order and roll call

The meeting was called to order (via Zoom) at 1:30 p.m. on Monday, June 14, 2021, by Kelly-Lynn Lewis as chair and committee members Rick Smith, Tanni Doblanko, Kelly Vandenberghe, Larry Wanchuk, Glenn Belozar, and Raymond Scobie present. Public members at large Richard Nessler and Craig Millar were absent.

Other attendees

- Duane Coleman, County Manager
- Des Mryglod, Director, Engineering and Utilities
- Garrett Broadbent, Director, Road Operations and Agricultural Services
- Amro Kotb, Manager, Engineering
- Dean Downey, Manager, Utilities
- Donna Dunlop, Recording Secretary

Agenda adoption

065-21 Committee member Glenn Belozar – that the agenda for the Monday, June 14, 2021 public works committee be adopted with the following addition:

5. a) ii) Telus line locates service level concerns

Carried Unanimously

Previous minutes

May 10, 2021 regular public works committee meeting

066-21 Committee member Larry Wanchuk – that the minutes for the Monday, May 10, 2021 public works committee be adopted as circulated.

Carried Unanimously

Current open files update Re: 053-21

Des Mryglod, Director, Engineering & Utilities provided a staff report to update public works committee on the status of various open files.

067-21 Committee member Kelly Vandenberghe – that the public works committee receives the report “Current open files update” as information.

Carried Unanimously

Telus line locates service level concerns

Committee member Kelly Vandenberghe brought forth a concern to the public works committee on the level of service being provided by Telus in regards to line locates experiencing significant delays.

068-21 Committee member Kelly Vandenberghe – that the public works committee Chair send a letter to Telus requesting that a contact be provided within Telus to discuss what a reasonable time frame is to receive Telus locates.

Carried Unanimously

KL

Intersection assessment Township Road 494 and Range Road 281

Amro Kotb, Manager, Engineering provided a staff report requesting traffic control sign changes due to near misses and reported accident that occurred at the intersection.

069-21 Committee member Raymond Scobie – that the public works committee directs administration to replace the yield signs with stop signs and place an Intersection Ahead sign on Range Road 281 at the intersection of Township Road 494 and Range Road 281.

Pro: Committee members Scobie, Doblanko, Belozer, and Wanchuk

Con: Chair Lewis and committee members Smith and Vandenberghe

Carried

Mr. Parker, Morrison Hershfield

Mr. Mark Parker connected at 2:10 p.m.

Public presentation – Waste to energy presentation

Mark Parker, Morrison Hershfield, provided a slideshow presentation on the logistics and feasibility on a waste to energy (WTE) system.

- Primary goal is waste processing and volume reduction.
- Energy output: by-product of WTE and secondary to waste processing/reduction.
- Technologies offer different ways of releasing the energy in the waste
 - Conventional WTE systems
 - Essentially power plants using waste as fuel instead of natural gas, coal or wood.
 - Advanced WTE systems
 - Use heat to convert the energy in the waste into a gas that can be burned for power, or converted to fuel (for burning)
- Leduc and District Regional Waste Management Authority (LDRWMA) principles for WTE evaluation process:
 - Processor to be responsible for marketing end product
 - Commercial scale size to be proven technology (99.9% fail to meet this)
 - Cost per tonne for processing is feasible compared to current tipping rates.
- Challenges are scale and feedstock.
 - Smaller landfills are not feasible at this time.
- Reviewed the myths associated to WTE followed by a summary.

070-21 Committee member Glenn Belozer – that the public works committee receives as information the waste to energy presentation.

Carried Unanimously

Mr. Parker

Mr. Mark Parker disconnected at 2:25 p.m.

Mr. Harris, GFL Environmental

Mr. Lee Harris connected at 2:25 p.m.

Public presentation – End producer responsibility presentation

Lee Harris, GFL Environmental, provided a slideshow presentation on the current recycling market.

- Markets are always changing and go to the highest bidder.
 - it is diverting material from going to the landfill but the end state is not necessarily specific.
- Discussed the businesses in the area that are available to take specific materials.

KL

071-21 Committee member Tanni Doblanko – that the public works committee receives as information the end producer responsibility presentation.

Carried Unanimously

Mr. Harris

Mr. Lee Harris disconnected at 2:42 p.m

Intersection assessment Township Road 492 and Range Road 22

Amro Kotb, Manager, Engineering provided a staff report requesting traffic control sign changes due to near misses that occurred at the intersection.

Discussion proceeded determining that replacing yield signs with stop signs is not needed at this time due to the completion of brushing that has improved sightlines.

072-21 Committee member Tanni Doblanko – that the public works committee directs administration to replace yield signs with stop signs and place Stop Ahead signs on Township Road 492 at the intersection of Township Road 492 and Range Road 22.

Pro: Committee members Scobie and Doblanko

Cons: Chair Lewis, committee members Vandenberghe, Belozar, Wanchuk, and Smith

Lost

Intersection assessment Township Road 502 and Range Road 255

Amro Kotb, Manager, Engineering provided a staff report requesting traffic control sign changes due to near misses that occurred at the intersection.

073-21 Committee member Raymond Scobie – that the public works committee directs administration to place a stop sign and place an Intersection Ahead sign on Range Road 255 at the tee intersection of Township Road 502 and Range Road 255.

Pro: Committee members Scobie and Smith

Cons: Chair Lewis, committee members Vandenberghe, Belozar, Wanchuk, and Doblanko

Lost

Intersection assessment Township Road 482 and Range Road 14

Amro Kotb, Manager, Engineering provided a staff report requesting traffic control sign changes due to near misses that occurred at the intersection.

074-21 Committee member Glenn Belozar – that the public works committee directs administration to place stop signs and place an Intersection Ahead sign on Township Road 482 at the intersection of Township Road 482 and Range Road 14.

Carried Unanimously

075-21 Committee member Kelly Vandenburghe – that the public works committee directs administration to develop a stop and yield installation guidelines for public works committee for the next committee meeting for review and discussion.

Carried Unanimously

Range Road 263 speed reduction and shortcutting Re: 069-20, 056-20, 055-20

Amro Kotb, Manager, Engineering provided updates on monitoring the speed reduction on this section.

076-21 Committee member Tanni Doblanko – that the public works committee directs administration to adjust the posted speed on Range Road 263 between Highway 39 and Glen Park Road to 90 km/hr and to remove the traffic safety zone signs on Range Road 263.

Carried Unanimously

Road right-of-way land sale – Range Road 32, Skermer

Amro Kotb, Manager, Engineering provided a staff report on a road right-of-way land sale to prevent trespassing to adjacent land as requested by land owner.

077-21 Committee member Raymond Scobie – that the public works committee commences the process for the partial road closure of Range Road 32 as identified in the aerial attached.

Pro: Committee members Scobie, Wanchuk, Doblanko, Smith, and Belozer

Con: Chair Lewis and committee member Vandenberghe

Carried

Intersection assessment Highway 623 and Clover Lawn Road (Range Road 233)

Garett Broadbent, Director, Road Operations & Agricultural Services provided a staff report requesting the addition of rumble strips to improve the safety, and advise travelers, of this important intersection.

078-21 Chair Kelly-Lynn Lewis – that the public works committee acknowledges that Road Operations will install Alberta Transportation specified rumble strips at the intersection of Clover Lawn Road (Range Road 233) and Highway 623 on both the north bound and south bound lanes.

Carried Unanimously

PWC action items list Re: 059-21

Des Mryglod, Director, Engineering & Utilities presented the PWC action items list as information.

079-21 Committee member Glenn Belozer – that the public works committee receives as information the PWC action items list for June 2021.

Carried Unanimously

Department activity report Re: 060-21

Des Mryglod, Director, Engineering & Utilities presented the department activity report as information.

080-21 Committee member Tanni Doblanko – that the public works committee receives as information the department activity report for June 2021.

Carried Unanimously

Transportation master plan update

Amro Kotb, Manager, Engineering provided an update on the transportation master plan.

081-21 Committee member Larry Wanchuk – that the public works committee receives as information the Transportation Master Plan updates.

Carried Unanimously

Adjournment

082-21 Committee member Rick Smith – that the public works committee meeting be adjourned.

Carried Unanimously

The public works committee meeting adjourned at 4:04 p.m.


Chair


Director, Engineering and Utilities