



Manager's Report

Department: Infrastructure & Engineering

Submitted by: Roger Autio, Director

Date: 5/13/2025

Director Infrastructure & Engineering – Roger Autio

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
 - Water act discussions about provincial and federal regulations
 - GC curb and gutter team discussions
 - Preseason Coordination meeting with C&E and Operations
 - SLT Road Show
 - Green Leaf development meeting
 - Assisted Operations with interviews
- **Economy**
 - Solar discussions with Dandelion Renewables for possibility of adding to the Grande Cache Landfill site
- **Culture, Social & Emergency Services**
 - EOC Training/Simulation

Construction & Engineering Manager – Leah Thompson

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
 - Reviewing and working collaboratively with Development regarding subdivision applications, approach applications and proposed developments.
 - Range Road 225 ditch re-establishment is in progress; boundary and topography surveys are complete. Survey plan will be reviewed with the Foreman to ensure expectations are clear, prior to starting construction. Day labour is preparing for upcoming work with making one calls. Will return once road bans are removed. Waiting on paperwork from 2 landowners for purchase of the 5m right-of-way. There are landowners within the work area that excess material.

- Range Road 201 hill slough in the Sunset House area has been repaired.
- Asphalt Maintenance Contract staking and detailed measurements are in progress for the contract to move forward. Dip repairs are tentatively to start in the middle of June. Additional signage is going to be installed for better notice for the travelling public.
- *Notice of Construction* signs are being installed at the beginning and end of project limits to advise travelling public of the work being done throughout the construction season. Closer to project start times, those in proximity will be notified with letters and by social media for the travelling public.
- Traffic counters are in place on Rge Rd 262 and 263, near Twp Rd 712 and 713 in the Ridgevalley area.
- Grande Cache curb and gutter planning is in progress so the worst areas can be repaired within the 2025 construction season and have a schedule for 2026/forward future works.
- Quotes for Bridge Maintenance 2025 has been submitted to the Standing Offer consultants.
- The bridge located on the Little Smoky Road, crossing the Iosegun River, has been inspected and a low rating advisory has been issued. This low rating will be in place until it can be rectified. Administration is working with a contractor and engineering consultant to determine costs, and get the repairs completed in fastest possible timeframe for the landowners, and industrial users. Also working with Communications to have additional signage installed at Hwy 43 and Secondary 665.
- 3 bridge files were awarded at the April 22nd Council meeting; Administration has provided official letters of award to the consultants. Preconstruction meetings will be scheduled.
- Township Road 693A/221A (Valleyview Golf Course road) engineering quotes have been reviewed to award the engineering for 2025 for a mill and overlay in 2026.
- Day labour worked in the undeveloped road allowance west of Rge Rd 260 near Ridgevalley area where the ditch needed more defined contouring.

Operations Manager – Josh Friesen

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
 - Letters of Award and Non-Award have been issued to all proponents of the Forestry Trunk Road (FTR) Water Truck Tender. Held a group meeting with the companies awarded for contract signing and reviewing the terms and upcoming season.
 - Tenders were opened for gravel crushing at SML070062 (Athabasca Pit) south of Fox Creek. Results will be brought to an upcoming Council meeting for direction.
 - Quotes were received for winter sand supply for the Grande Cache, DeBolt, and Valleyview areas. Results will be brought to an upcoming Council meeting for direction.
 - Alberta Forestry & Parks has issued a 10-year lease renewal for SML070063 (Berland Pit), expiring April 9, 2035. This lease has never been developed and is south of Fox Creek near where the Athabasca and Berland Rivers meet. The renewal process began in May of 2023. Among multiple standard environmental considerations, the process also includes the requirement to increase setbacks from the river bank by 100m and add an exclusion zone for a wetland area, re-perform First Nations Consultations despite having completed them 10 years ago, complete a Historical Resources Impact Assessment required by the Alberta Arts, Culture and Status of Women, Historical Resources Management Branch archaeologists which involved a 3-day on-site assessment by professional archaeologists, and the requirement to complete bat and amphibian surveys by a qualified professional biologist prior to any development. The total cost to date for the lease renewal is approximately \$85,000.00.

- Attended the Peace Region Ideas Group meeting in Manning. This is a cooperative group of public works workers, managers, and directors who are members of the Alberta Municipal Supervisor's Association and the Alberta Public Works Association.
- 28 non-profit organizations have been assigned for the Roadside Ditch Cleanup program. Each group picks garbage on 5 Km of roadway ditches.
- The new EOI season began on April 1st. A chart is included in this report outlining the equipment submissions for the 2025/2026 season.

Operations East

- Street sweepers have been cleaning sand and debris from residential approaches and paved intersections within Little Smoky, along Little Smoky Road, and across various other locations in Operations East.
- Operators have completed cleaning ten (10) bridge decks, removing accumulated sand and debris.
- In response to high winds, crews were dispatched to remove fallen trees obstructing Greenview roadways.
- In coordination with Greenview's Problem Wildlife Officers, a beaver dam was removed from a culvert end on RGE RD 215, south of Old High Prairie Road, to mitigate flooding in the Ratepayers field. A second beaver dam was opened to reduce flooding over RGE RD 230 south of TWP RD 694.
- Steamer units were deployed to RGE RD 263 south of HWY 43, as well as the Narrows and Cozy Cove areas, to clear snow and ice from culverts. Snow was cleared from ditches and in front of culverts at the intersection of RGE RD 222 and TWP RD 720, RGE RD 212 north of HWY 665, and RGE RD 232, between TWP RD 694 and TWP RD 700.
- Several traffic signs have been installed: 2 intersection signs and 2 checkerboard signs in Valleyview South; 2 no exit signs, 1 intersection sign, and 1 checkerboard sign in Valleyview North; 2 intersections signs, 1 checkerboard sign, 2 stop signs, 1 end school sign, and 1 left curve sign in Ridgevalley; 1 no exit sign in Little Smoky; 1 checkerboard sign and 1 curve sign in New Fish Creek; and 1 intersection sign, 1 advance sign, and 1 checkerboard sign in the Sunset House/Sweathouse areas.

Operations Central

- Completed street sweeping in DeBolt and Creeks Crossing.
- Multiple culverts in DeBolt, Puskwaskau, and along the FTR were steamed to address spring runoff conditions.
- Crews have been filling potholes on paved roads and within DeBolt.
- Debris resulting from a burnt vehicle has been cleared from the Smoky/Goodwin Gravel Pit.
- Windfallen trees were removed from ditches and rights-of-way.

Operations West

- Multiple Temporary Diversion License (TDL) water point signs have been installed in the Grovedale area and along the central part of the Forestry Trunk Road.
- Several culverts were steamed in Grovedale and at KM 92 and 87 on the FTR during the spring runoff.
- Operations completed pothole patching on all paved roads within the Grovedale area.

Operations South

- Operators have been working to thaw frozen culverts on the FTR at KM 144, 146, and 150 utilizing the vac unit.
- Six loads of fill material were transported to various locations in Grande Cache to address a sunken water repairs from the past few months.
- Operations South collaborated with Construction and Engineering, providing two operators and a vac unit for a three-day period to perform line locates at Main Street Lofts in Grande Cache.
- Pothole patching and street sweeping are ongoing within Grande Cache.
- All roads within Grande Cache, including the Landfill road, have been graded.

Fleet Services

- Four of ten pickup trucks for Capital Project OP25001 - 2025 Annual Vehicle Replacement are planned for delivery by the end of April.
- The first of two new Cat 150 graders is now in service. The second grader is scheduled for delivery on May 1.
- A new RAP student started working at the Valleyview Operations Shop.

| Fleet & Shop Work Order Requests for Current Reporting Period | |
|---|------------|
| Grande Cache Shop | 36 |
| Grovedale Shop | 13 |
| Valleyview Shop | 54 |
| TOTAL | 103 |

| Road Requests Received - 24 | Operations East | Operations West | Operations Central | Operations South |
|--|-----------------|-----------------|--------------------|------------------|
| Beaver Dam/Plugged Culverts | 1 | | | |
| Culverts | 2 | | 1 | |
| Ditching & Drainage | 2 | | 1 | |
| Driveway Snowplowing | 1 | | | |
| Dust Control | | 1 | | |
| Flooding | 3 | 1 | 4 | |
| Gravel Request | 1 | | | |
| Road Conditions | 2 | | | 1 |
| Roadside Mowing | | 1 | | |
| Safety Concerns | 1 | | | |
| Community Halls, Cemeteries, Arenas Etc... | | | | 1 |
| TOTAL | 13 | 3 | 6 | 2 |

| RoaData-Municipal Approval Requests | Service Rigs | Heavy Hauls | Drilling Rigs | Well Service |
|---|--------------|-------------------|---------------------------|--------------|
| TOTALS | 51 | 483 | 25 | 0 |
| RoaData-Municipal Loads | | Single Trip Loads | Multiple Legal Trip Loads | |
| TOTALS | | 567 | 0 | |
| Grand Total-Approval Requests/Municipal Loads | | 1126 | | |

| Road Use Agreements | |
|----------------------------------|-------------|
| New Road Use Agreements | 1 |
| Total Road Use Agreements | 1017 |

| Log Haul Route Requests | | |
|-------------------------|----------|---------|
| Received | Approved | Pending |
| 0 | 0 | 0 |

| Road Bonds as of April 30, 2025 | | | | |
|---------------------------------|----|---------------------|---|--------------------------|
| | | Total Kilometres | Total Funds Received to Date (85% Refundable to Bond Holder) | Total Revenue to Date |
| Effective | 21 | 198.52 | \$ 5,700,200.00 | \$ 855,030.00 |

| Restrictions & Relaxations/Exemptions as of April 30, 2025 | |
|--|----|
| Effective | 12 |
| Pending | 0 |

| Expression of Interest Update for Common Equipment | 2023 | 2024 | 2025 | Variance | Percentage |
|--|------|------|------|----------|------------|
| Total EOI Qualifying Submissions Received | 83 | 75 | 78 | +3 | 4% |
| Equipment | | | | | |
| Gravel Trucks | 144 | 167 | 169 | +2 | 1.2% |
| Excavators | 78 | 103 | 91 | -12 | 12.4% |
| Dozers | 108 | 126 | 108 | -18 | 15.4% |
| Labour Crews | 13 | 7 | 14 | +7 | 66.7% |
| Packers | 44 | 35 | 36 | +1 | 3% |
| Skid Steers | 49 | 51 | 51 | 0 | 0 |
| Rock Trucks | 30 | 30 | 32 | +2 | 6.5% |
| Graders | 62 | 70 | 70 | 0 | 0 |
| Loaders | 40 | 52 | 40 | -12 | 26.1 |
| Water Trucks | 35 | 84 | 39 | -45* | 73.2% |
| Hydrovacs | - | - | 16 | - | - |
| *Separated Hydrovacs from Water Trucks | | | | | |

Facilities Maintenance Manager – Gerhard Birkmann

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

| | | | |
|----------------------------------|-----|------------------------------------|-----|
| Maintenance Activities Completed | 219 | Items Added to Maintenance Backlog | 234 |
|----------------------------------|-----|------------------------------------|-----|

- Governance**

- Setup 41 Seasonal Staff Members with access fobs and alarm codes.
- Air Conditioner preventive maintenance program is underway. This will ensure the air conditioners in our Greenview facilities will work properly for the upcoming summer.
- At the Greenview Valleyview & Area Tourist Information Center, we updated the staff room for the upcoming season: drywall repair, painting, installation of Starlink, furniture, and countertops were part of the undertaking.
- At the Pressure Reduction Site #1 in Grande Cache, the roof was redone and painted the inside of the building to repair the water damage.

- Replacement trailer for TRL-15 was purchased and delivered. Cost came in \$1,285.00 (7%) over budget due to inflation and tariffs.
- **Economy**
 - Changed the furnace filters in all our equipment, as part of our preventive maintenance program.
 - An inspection was performed on the Combustion Chamber of the Make-up Air at the Grovedale water treatment plant, to ensure it is running efficiently.
- **Environment**
 - Valleyview crew has started cleanup on multiple sites, including picking up garbage and removing salt and gravel residue in lawns, as well as sweeping the parking lots.
- **Culture, Social & Emergency Services**
 - The team distributed the rural water pumps to remote areas designated locations within Greenview.
 - The radio frequency to turn on the helipad lights at the Grovedale and Debolt PSBs has been updated to work with the Building Management System on site. This will allow a smooth operation for the helipad in case of an emergency, as well as for the Maintenance Team to be able to test the system frequently.
 - Overhauled the gym area for the Volunteer Fire Station #31 in Debolt. Rubber flooring and mirrors were provided by the Firefighters, and the Maintenance Team helped with the Installation.
 - Setup tables at Memorial Hall in Valleyview for the FCSS Volunteer Appreciation Dinner.

Environmental Services, Manager – Doug Brown

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
 - Distribution chlorine analyzer failed (control board) at the Grovedale water plant. We have replaced it and installed a power conditioner that should control power surges during outages.
 - Reading well data loggers for semi-annual reporting (record well levels every hour) as per well license requirements.
 - Culligan replaced carbon filters media in DeBolt water plant.
 - Replaced 4" truck fill hose at the Grovedale water plant.
 - Transformer at Grovedale well house failed; replacement ordered. A temporary generator has been installed to bypass faulty transformer until replacement arrives.
 - Pressure regulator replaced on Grovedale ammonia chemical skid.
 - At the Ridgevalley water plant, 2 distribution pumps, 2 RO booster pumps and the high flow pump have been serviced and bearings replaced by Spark Electro-Mechanical.
 - Goodwin truck fill backflow preventer has been repaired.
 - Wells in Grovedale have been repaired.
 - Crooked Creek flow point PLC (programmable logic controllers) failed; replacement ordered.
 - Calibrated Nose Creek chlorine analyzer.
 - Grande Cache commercial recycle collection day is changing from Thursdays to Tuesdays; we will advertise and send letters to affected companies (38).
 - Tender for Waste, Recycling, and Confidential Shredding re-awarded by Council for a 3-year term; contract to be reviewed, signed, and enacted by May 1, 2025.
 - Food Cycler pilot program accepted and enacted by Council. Supervisor and Admin staff are building the sign-up sheet to be sent out and available for a 3-4 week period, or until 100 units are signed up for, at which time the sign up will close and units ordered. Once units are received, they will be distributed via local PSB buildings and Valleyview Admin.

- A 40-yard bin was placed at the Valleyview & Area Tourist Information Center to assist with the roof repairs, at the request of Economic Development.
- Supervisor met with Rocky Mountain Salvage (RMS) at the Fox Creek transfer station to demonstrate the transfer bin system. RMS is one of 4 major waste contractors working on a quote to provide the compactor trailer and hauling for the Grande Cache transfer station project.
- Greenview Safety department held emergency response drills at all transfer stations, that were very successful and well received.
- A246, Mack garbage truck, was having some turbo issues and is currently in the shop. A249, Peterbilt garbage truck is running strong and working without issues in Grande Cache.
- A bin condition assessment of all roll off bins Greenview owns has been completed; this assessment has brought to light the need for a few bins to come out of service due to structural safe concerns. Solid Waste operations will not be affected by this and will continue normal operation.
- Wastewater treatment plant construction: excavating and placing new outfall line, compaction and tie into manhole, pouring thrust blocks at bends; removing heating and hoarding on UV building; Mechanical teams installing pipe stands and bracing; Electrical installing cable trays in the headworks building; removing forms from UV building and flow control structure 2; unit heater installations in channel room; installing showers and bioreactor work continues; backfill fire hydrant and trench; installing architectural siding; installing louvers in the headworks building and cable trays; septage receiving station footings poured.
- Ultrafiltration filter train #1 in the Grande Cache water plant had a pneumatic valve fail on Friday, March 25th, after hours; Contractor was on site Monday 28th to repair valve and adjust some other valves that were sticking.
- Contractor on site gathering information on 5 PRV stations (pressure reducing stations) in Grande Cache for servicing and maintenance.
- Membrane pinning completed at the Grande Cache water plant.
- Water services were turned on for the golf course and golf maintenance shack in Grande Cache.
- Conducted meter ID unit verifications at Eagle Rock Holdings, for Accounts Receivable in Grande Cache.
- Drained and cleaned the citric acid tank and flushed lines, at the Grande Cache water plant.
- NAIT student began work April 28th in Grande Cache.
- Processed 9x One Call requests in Grande Cache.
- **Economy**
 - Grande Cache Sewage Treatment Plant project is \$657,772.08 into contingency. Remaining contingency is \$1,521,077.92 or 70% remaining.

Project Manager – Scott Wells

In alignment with the 2022-2026 Strategic Plan, some of the key activities and projects I have worked on this month are:

- **Governance**
 - WD19004 Grande Cache Distribution Pumphouse Upgrades: Contract was awarded to Alpha Construction. Pending contract execution, construction is scheduled to begin on April 29th. Coordination with MD staff is currently underway to ensure operations continue unimpeded during construction.
 - SW20001 Grande Cache Transfer Station: Tender closed April 22nd, with 3 proposals received. Evaluations complete. RFD prepared for May 13th Council meeting.

- FM22008 Grande Cache Operations Shop: Construction is progressing, with framing underway on both floors. Coordination is ongoing with APEX Security to integrate additional required work. The catwalk installation in the wash bay is also nearing completion.
- Economy
 - SW20001 Grande Cache Transfer Station: all bids received exceed budget, RFD includes motion requesting additional funding in the amount of \$1.87M.
 - FM22008 Grande Cache Operations Shop: project has entered the contingency phase. This shift was triggered due to additional material requirements and associated costs, along with other unforeseen factors impacting progress. Administration is actively monitoring the situation and implementing mitigation measures to minimize further impacts on the overall schedule and budget. A revised timeline and next steps will be communicated once more information is available.
- Environment
 - WW21001 Ridgevalley Lagoon Expansion: Planning is currently underway, with boreholes and survey work completed in April. The project will convert the lagoon to a Submerged Attached Growth Reactor (SAGR) system, improving effluent quality and supporting regulatory compliance.