

June 9th, 2020

Public Works Report

1. Gravel Roads

Clearwater County Beat Graders continue to work through each beat, mitigating areas of concern, as needed.

2. Surfaced Roads

Patching, on Surfaced Roads and SB90 dust suppressions, has begun and will continue, as weather permits, on an as-needed basis.

The sign-up period for the dust suppression program has now closed. The County received 15 new SB90 contracts and 58 new Calcium Chloride contracts. The application of dust suppressions is expected to begin the week of June 8, weather permitting.

The tendering of the remaining work on the streetlights in Nordegg, including the placement of an additional three streetlight poles and fixtures, at the intersection of Highway 11 and Stuart Street, along with the energization of all streetlights, is anticipated to be posted by the end of June. This tender is being administered by MPE and they are currently awaiting approval from Alberta Transportation (AT) for a portion of the work within AT right-of-way.

The sweeping of Surfaced Roads was completed on Thursday, May 28. The sweeping of streets within County hamlets (Withrow, Leslieville, Alhambra, Condor), as well as Cougar Ridge, will be starting the week of June 8, weather permitting. This work is being done by the Town of Rocky Mountain House.

The crack sealing of surfaced roads began on June 3.

3. Maintenance

Pidherney's has completed hauling and stockpiling aggregate from the Burnstick Aggregate Pit to the Larsgard Aggregate Pit on Wednesday June 3rd, 2020.

Northside Construction Partnership, the contractor for the replacement of approximately 380 metres of Priority 1 Sanitary Collection Mains, within the Hamlet of

Condor, started construction on May 25th, 2020. Construction is scheduled to last 32 days, weather dependent.

Project tender, for the replacement of BF08195 (SE 02-41-06-W5M, Township Rd. 41-0 and east of Range Road 6-2), closed on May 12th, 2020. A total of 7 bids were received. The project was awarded to **DCL Construction Services Ltd.**

Pidherney's has begun the completion of the Condor Lagoon Upgrades. Work to be completed, but not limited to, the installation of the new liner within the lagoon storage cell and landscaping. Work expected to be completed by July 31, 2020.

Administration will be installing a new Bulk Water Station, within the Hamlet of Nordegg. The building is scheduled to be installed on June 15th, 2020 and the old Bulk Water decommissioned by July 15th, 2020.

Culverts continue to be monitored and steamed, to minimize the damages to our roadways, due to isolated flooding.

County signs and delineators are being replaced, repaired, and washed as needed.

Crews have begun spring and summer maintenance programs which include beaver control, bridge cleaning & repairs, drainage control, and, repairing road erosion from the winter thaw.

County Gravel pits are being assessed and evaluated for potential aggregate operations which include reclamation, mining and crushing. **Stewart Construction** is scheduled to start crushing aggregate, within Burnstick Aggregate Pit, on June 22nd, 2020, weather dependent. They will be crushing ¾", 1 ½" and 2".

4. Rocky Mountain Regional Solid Waste Authority

The Service Agreement, between Clearwater County and **Tetra Tech Canada Inc.**, for the engineering of the Landfill Cell 2 Development construction, is currently being reviewed. Expect Service Agreement to be finalized by week of June 8th, 2020.

5. Gravel Road Rehabilitation

Construction Foremen continue with Spring Road Assessments as roads are showing weak areas from frost slowly coming out of road grade. Foreman have approximately 80% of road assessments completed.

Erosion mitigation and ditch cleanup has begun on Twp. 41-2, west of Hwy 22 (Frisco Pit Road) when ground conditions permit.

Staff are monitoring last year's Gravel Road Rehab and Shoulder Pull projects for gravel requirements as spring thaw is underway.

Crew has completed pad work for the Staff Accommodation Unit in Nordegg.

Crew has begun work on Range Road 6-0, south of Township Road 36-0 for 3200m. Crew has approximately 400m roughed in.

6. Base Pave

The Speight Road (Twp. 39-0) grading tender was advertised May 5, 2020. This work includes grading and other work. Tenders were received on May 28, 2020 from a total of eight (8) bidders. The lowest valid bidder was **Iron Stone Services Ltd.** with a total tender value of **\$1,562,318.58**. The bid submitted by Iron Stone Services Ltd. has met the required contractual obligations at the big stage. This portion of the project is now estimated to be **\$ 332,696.56** under the budgeted amount of \$2,800,000.00.

Administration has since awarded the grading project to Iron Stone Services Ltd.

Bidder	Amount Bid
Iron Stone Services Ltd.	\$1,562,318.58
Pidherney's Inc.	\$1,654,120.75
Howitt Construction Ltd.	\$1,794,775.00
Morgan Construction and Environmental Ltd.	\$1,826,655.00
Crow Enterprises Ltd.	\$2,166,647.00
Northside Construction partnership	\$2,534,037.50
Acre Prime Inc.	\$3,046,340.00
Prairie North Const. Ltd.	\$3,497,775.00

	Budget Amount	Tendered Estimated Amount
Contract Amount (less site occ)	\$2,300,000.00	\$1,517,318.58
Contingency (10%)	Included	\$ 151,731.86
Potential Site Occ. Bonus (5 days @ \$900/day)	Included	\$ 4,500.00
Utilities/ Legal Survey	Included	\$ 65,000.00
Fencing/ Clearing/ Misc.	Included	\$ 132,896.00
Land/ Backsloping	Included	\$ 50,857.00
Railroad Crossing	\$150,000.00	\$ 175,000.00
Preliminary Engineering/ Including Base Pave	\$70,000.00	\$ 90,000.00
Construction Engineering	\$280,000.00	\$ 280,000.00
Total	\$2,800,000.00	\$2,467,303.44

The base pave project for the Taimi Road (RR 6-5) held a preconstruction meeting onsite on Thursday, June 4, 2020. Pidherney's plans to start construction June 9, 2020 with a projected completion date July 20, 2020.

7. Asphalt Overlay

Pidherney's has begun crushing pit run on the east side of the Sunchild road across from the Brewster Pit and has approximately 75% completed. Paving is tentatively scheduled to begin around July 8th.

The legal survey RFP for Sunchild Road was advertised on April 7th, 2020. Proposals were received on May 14th, 2020 from a total of twenty-one (21) bidders. The pricing ranged from \$83,800.00 to \$311,930.00. Only the top five (5) proponents were scored as budget was worth 50% of the evaluation. Based on the proposed matrix below, Watt Consulting scored the highest. The total cost of this project is \$16,200.00 under the budgeted amount of \$100,000.00. Construction is to begin July 8, 2020 and be completed October 30, 2020.

Each Category Scored out of 10		Weighted Score				
	Weight	Watt Consulting	Quest Geomatics	Velocity Group	West Geomatics	Bemoco
Budget	50%	10	9	8	5	4
Project Understanding	15%	10	10	7	10	10
Project Team	15%	10	9	8	4	9
Schedule	10%	8	10	10	10	10
Relevant projects	10%	6	9	9	8	10
Weighted Score (out of 10)		9.4	9.25	8.15	6.4	6.85

8. Nordegg Historic Commercial Core

AIC Construction has commenced work on the sanitary and water service installations and is continuing when weather permits.

A.I.C. continued service installations along Center Street.

A.I.C. installed the storm main along Center Street, starting at manhole ST-3 MH, working towards ST-14 MH.

A.I.C. installed a 90-degree bend and gate valve, then capped the end of the 300 mm water line east of Cherie Avenue.

A.I.C. finished digging the ditch south of the tracks and installed the 2x500mm CSP culverts, and 3x600mm culverts.

9. New Staff Accommodation Unit (Nordegg)

1110076 Ontario Limited is on route with the 4-person self-contained staff accommodation unit. Delivery and placement is expected to be complete mid- June.

10. Administration Building Renovations

Staff and contractors continue with the basement renovations to facilitate additional file storage, meeting room, office space and a breakout room.

Road Bans:

Clearwater County

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Order by the Vehicle Weights Committee of
Clearwater County
Highway Order No. 01/20
Defining Maximum Allowable Weights Permitted
On Certain Municipal Roads

Pursuant to the Authority granted by the Minister of Transportation and Utilities under the Traffic Safety Act, the Vehicles Weights Committee orders that effective **12:00 NOON, Friday, March 27, 2020**,

Percentage Axle Weights for Highways are:

HIGHWAY NO.	LOCATION	% AXLE WEIGHTS
Arbutus Rd RR 6-3 & 6-1	From Hwy #11 to Butte Hall Rd	90%
Airport Road Access	From One Mile north of TWP Rd 40-0 to Airport	90%
Alhambra Rd RR 5-4	From Hwy #11 to SH598	90%
Beaver Flats Rd RR 6-0	From Hwy #598 to Hwy #12	90%
Bunch Road Rge Rd 5-4	From Hwy #598 North to Twp Rd 40-0	90%
Burnstick Lake Rd RR 6-3	From Hwy #54 to 9 km South	90%
Caroline North RR 6-1	From Hwy #54 North 10.5 kms to Butte Hall Rd Twp Rd 37-3	90%
Caroline South Rd RR 6-1	From the Village of Caroline South to extension of #587	90%
Cougar Ridge Twp Rd 38-5	From Hwy752 East ¼ mile Cougar Ridge Access Rd & Subdivision	90%
Crimson Lake access	From Hwy756 West 1.6 km	90%
Crammond Rd TWP RD 35-4	From Hwy #22 East for 8 km	90%
Everdell Rd RR 7-3	From Prairie Creek (Hobbs) Road North to Hwy #752	90%
Golf Course Rd TWP RD 39-5	From Hwy #11A East to the golf course	90%
Greenwood Way, Cul-de-sac	Gravel-Greenwood Way entrance off RR 6-4 – Entire Cul-de-sac	50%
James River Rd RR 5-3	From James River Store on Hwy #587 South to Bridge	90%
Old Dovercourt Rd	From Hwy #11 for 1 km South RR 7-1 & East TWP RD 39-0	90%
Oras Rd RR 6-3	From Junction Hwy #11 North to Hwy #12	90%
Rainbow Ford Rd TWP RD 39-3	From Town/County Boundary East to the Taimi Road	50%
Red Deer River Access Rd	From County Boundary West for 10 km	75%
Wall Street Rd RR 4-3	From Hwy #11 South to County Boundary	90%
Withrow Rd RR 4-3	From Hwy #11 to Rainy Creek Road	90%
Dead End Gravel Road TWP RD 40-4	Gravel - From NE Corner of 20-40-8-W5 West to end of road	50%

This order remains in effect until further notice.

NOTICE:

This is an information service only. It is your company's responsibility to keep updated on Road Bans.

Date March 25, 2020


Erik Hansen
Director, Public Works
Infrastructure

Erik Hansen, Kurt Magnus, Directors, Public Works