

April 28th, 2020

Public Works Report

1. Gravel Roads

The Invitation to Tender, for Grader Beat 505, closed April 16th. The current Grader Beat 505 contract ends on April 30th, 2020. Administration received a total of seven bids. Upon review, the Grader Beat 505 contract was awarded to **Breton Oilfield Services** at a rate of \$83.00/hour. The current rate is \$85.90/hour.

2. Surfaced Roads

Maintenance on plow trucks will continue on an as-needed basis. Crews have started down rigging some of the plow trucks to revert them back to gravel trucks for the Summer season. Two units have already been down rigged with five units still ready and prepared to tackle a snow or freezing rain event.

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

The availability of dust suppression contracts will be advertised the week of April 20 and will remain open until May 31st.

The streetlight arms and fixtures are being installed on the custom streetlight poles in Nordegg the week of April 20th and should be completed by April 30th. The tendering of the remaining work involving 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 expected to be posted by the beginning of May.

3. Maintenance

Pidherney's has completed hauling aggregate from the Burnstick Aggregate Pit to the Larsgard Aggregate Pit. They started on February 11th, 2020 and completed hauling on March 6th, 2020. The ¾" aggregate still is required to be stockpiled. The project completion deadline, to have the aggregate stockpiled, is June 30th, 2020.

Administration is currently waiting on a construction schedule and safety documentation from the contractor, **Northside Construction Partnership**, for the replacement of approximately 380 metres of Priority 1 Sanitary Collection Mains, within the Hamlet of Condor. Construction is scheduled to start within May, 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), has been publicly posted and receiving tender bids. The tender has a closing date of May 12th, 2020.

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

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

Crews are beginning to prepare for the upcoming spring and summer maintenance programs which include beaver control, the evaluation of potential effects of run off, and, flooding, bridge cleaning & repairs, and, drainage control.

County Gravel pits are being assessed and evaluated for potential aggregate operations which include reclamation, mining and crushing.

4. Rocky Mountain Regional Solid Waste Authority

The Request for Proposal, for the engineering of the Landfill Cell 2 Development construction, closed on March 25th. Administration received a total of nine proposals. Henceforth, the engineering contract, for the design and development of Cell # 2 at the Rocky Mountain Regional Solid Waste Authority Landfill, was awarded to **Tetra Tech Canada Inc.**

5. Gravel Road Rehabilitation

Construction Foremen and 2 seasonal staff have been reassigned to assist in facility maintenance and ongoing increased sanitization procedures.

Brushing operations are underway on Township Road 36-4, west of Caroline North Road for 1600 m.

Foremen are monitoring last years Gravel Road Rehab and Shoulder Pull projects for gravel requirements as spring thaw begins.

Foremen will begin Spring Road Assessments as road conditions warrant.

6. Base Pave

Administration is finalizing planning, landowner agreements, and the final draft for the Speight Road grading project tender.

The grading tender is scheduled to advertise April 28th, 2020. Closing date for proposals is May 21st, 2020.

Brushing operations have been completed on the provincial land portion of the project. Remaining brush removal on road right of way and private property is ongoing.

7. Asphalt Overlay

Border Paving has begun operations at the Brewster Pit adjacent to the Sunchild Road. Crushing operations are expected to last until June 1, 2020.

The legal survey RFP for Sunchild Road was posted on April 7th, 2020. The closing date for proposals is May 14th, 2020.

8. Nordegg Historic Commercial Core

AIC Construction has completed snowplowing and rail removal for preparation for stripping topsoil. AIC plan to start stripping topsoil for future parking lots and lanes this week.

9. Nordegg Bighorn Store

M. Umscheid Construction Ltd. was the successful proponent for demolition and removal of the building. Demolition commenced April 18 and is scheduled to be completed this week.



Figure 1.0 Demolition of Nordegg Bighorn Store

10. New Staff Accommodation Unit (Nordegg)

1110076 Ontario Limited continues with the construction of the 4-person self-contained staff accommodation unit. Delivery and placement has been delayed until May 15, 2020.

11. Administration Building Renovations

Staff and contractors continue with the basement renovations to facilitate additional file storage, meeting room, office space and a breakout room. Contractors will continue to work on renovations after hours and weekends.

12. Land Acquisition (Caroline Property)

An extension request, by the seller's lawyer, of the closing date was approved by administration. The closing date has been extended to April 30, 2020.

13. Chemical Storage Building

The agricultural chemical storage building arrived ahead of schedule last week. Staff will set the building in its final location and finish the hookups after the spring thaw.

14. Leslieville Public Services

The RFP for the building was advertised April 20th, 2020. Closing date for proposals is May 12th, 2020. Construction is to commence July 31st, 2020 and be completed by December 31st, 2020.

The grading tender was advertised April 21st, 2020. Closing date for proposals is May 14th, 2020. Construction is to be completed by July 20th, 2020.

15. Broadband

The RFP for the Fibre Backbone build from Rocky Mountain House west to the Ferrier area closed April 23, 2020. We received 8 proposals. The County's consultant and staff have commenced the review of the proposals and have interviews tentatively scheduled for April 30, 2020.

16. Shovel Ready Projects

Minister Madu from Alberta Municipal Affairs announced a stimulus plan, funding municipality with their shovel ready capital projects.

On April 20th, 2020, staff started compiling a list of projects that can be sent as a formal letter to Municipal Affairs. The letter will be sent out on April 24th, 2020.

17. Intersection Analysis including Roundabout Feasibility Engineering Assessment Study

On April 22nd, 2020, Stuart Richardson from Alberta Transportation sent Reeve Hoven a completion letter and report for the recent study reviewing seven problematic intersections within Alberta including, Hwy 11 & Hwy 22 intersection, and the Hwy 11A & Hwy 752/60 intersection within the Town of Rocky Mountain House.

This study includes intersection assessments, data collection, recommendations for optimized traffic operations, alternative development with evaluation, safety, a benefit cost analysis, and lifetime cost analysis.

The recommended configurations and steps necessary during preliminary/detailed design in order to mitigate risks identifies during the functional planning for Hwy 11A & Hwy 752/60 include:

- Revisiting designs on soil impacts outside of ROWS.

- Impact and mitigation measures with utility companies.
- Survey data and geotechnical analysis for slope treatment and right-of-way needs.
- Land acquisition (small piece of land in northwest quadrant).
- Pedestrian Accommodation review for a pathway on north side of Hwy 11A.
- Development of construction staging plan as roundabout construction will impact travel lane proximity to the river.
- A single lane mini roundabout. The design may require additional right-of-way in two minor locations.

Stuart Richardson mentioned that this intersection upgrade will be considered for inclusion in upcoming construction programs as budget becomes available.

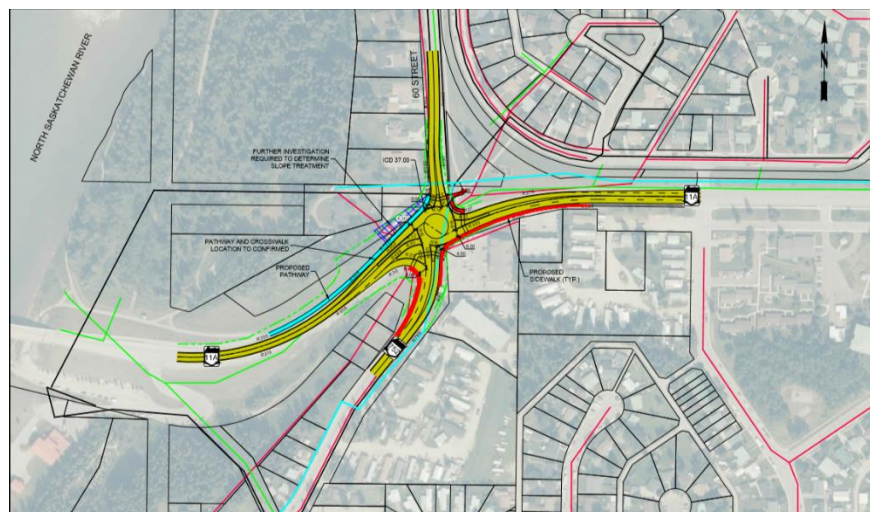


Figure 2.0: Overall Functional Plan for HWY 11A & HWY 752/60 Street

No recommended plan was developed for Hwy 11 & Hwy 22. The report identified that the intersection will continue to operate at an acceptable level of service and the benefit cost analysis recommended no upgrades at this time. Next steps are to discuss development plans with the County. Intersection analysis can be revisited for intersection modifications with development plans.

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