

Update on Rural Projects

September 27, 2016

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South Rural Projects:

Name of Project	Total Budget	Expected Completion Date
Anzac Community Center Upgrade (D & C)	1,850,000	Q3 2017
Anzac Fire Hall (D & C)	12,560,000	Q4 2017
Anzac Waste Water Treatment Plant & Effluent Pipeline (D & C)	51,439,588	Q4 2017
Christina River Bridge (D & C)	2,788,587	Q4 2016
Conklin Multiplex (D & C)	53,900,000	Q3 2018
Conklin Street Light Improvement (D & C)	292,000	Q4 2016
Janvier Steel Building - Ice Rink replacement (D & C)	3,006,000	Q4 2017
Janvier Street Light Improvement Project (D & C)	292,000	Q4 2016

* Budget includes all phases as stated (D Design C Construction)

South Rural Projects (cont'd)

Name of Project	Total Budget	Expected Completion Date
Rural Community Placemaking (D & C)	4,463,522	Q4 2016
Saprae Creek Community Hall (D)	500,000	Q2 2017
Saprae Creek Fire Hall Expansion (D & C)	4,145,600	Q3 2017
South Utility Corridor (D)	4,500,000	Q4 2016

* Budget includes all phases as stated (D Design C Construction)

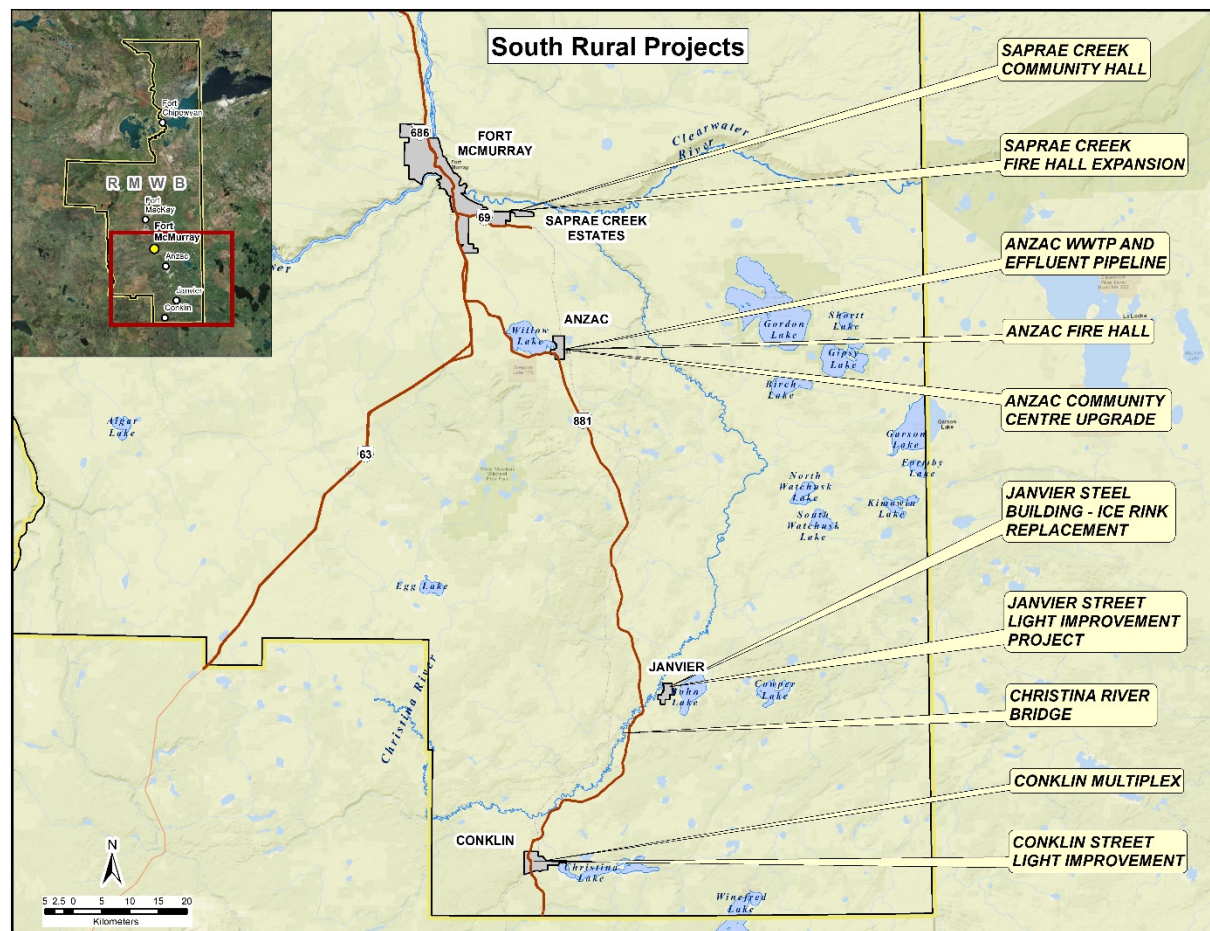
North Rural Projects:

Name of Project	Total Budget	Expected Completion Date
Fort Chipewyan Animal Control Centre (D & C)	2,780,000	Q4 2017
Fort Chipewyan Firebag Bridge Replacement (D & C)	12,200,000	Q4 2016
Fort Chipewyan Richardson River Bridge Replacement (D & C)	9,460,000	Q4 2016
Fort Chipewyan Swimming Pool (D & C)	36,473,100	Q3 2016
Fort Chipewyan Water and Sanitary Sewer Predesign (D)	450,000	Q4 2016
Fort Chipewyan Water Treatment Plant Upgrade (D & C)	37,000,000	Q3 2019
Fort Chipewyan Winter Road Bridge Replacement (D & C)	2,500,000	Q4 2017
Fort MacKay Fire Hall (D & C)	15,800,000	Q4 2018
Rural Community Placemaking (D & C)	5,360,000	Q4 2016

* Budget includes all phases as stated (D Design C Construction)

South Rural Projects





Anzac Community Center Upgrades Project:

Phase - Design & Construction

- Upgrades to the Community Center in Anzac due to wear and tear of the facility
- Architectural and M&E design is 75% complete
- Targeted to substantially complete by 2nd quarter of 2017

Anzac Fire Hall Project:

Phase - Construction

- Replacing existing fire hall to increase functionality to match growth and to meet service level standards. This will also fulfill the Municipality's strategic priorities
- Construction is on going and is expected to be completed by December 2017

Anzac Waste Water Treatment Plant and Effluent Pipeline Project:

Phase - Construction

- Construction of a 3,200 m³ per day capacity Waste Water Treatment Plant (WWTP) and 6 km long Effluent Discharging Pipeline to the existing lagoon outfall
- The WWTP was damaged during the wildfire; as Substantial Completion had not yet been awarded, repairs fall under the Prime Contractor's insurance. Temporary roof repairs were initiated by RMWB and continuing to work with insurance on the scope of repairs

Anzac Waste Water Treatment Plant and Effluent Pipeline Project (cont'd):

Phase: Construction

- Construction of the Effluent Pipeline started in December 2015 and was paused (as planned) for the Caribou Protection Period.
- The Effluent Pipeline has been delayed for remobilization due to the wildfire event and thus resulted in requiring the environmental approvals to be extended

Christina River Bridge Project:

Phase - Substantially Completed

- The Christina River Bridge is located on Township Road 791A . The bridge is East of Chard and North of Conklin
- Rehabilitation of the bridge includes replacement of the existing concrete girder with the steel girder, replacement of cap and corbel, installation of piles, improve profile and drainage of approach roads and rip-rap work for erosion protection
- Rehabilitation of the bridge has been substantially completed
- Upgraded loading capacity of the bridge is 19 tonnes in comparison to its previous loading capacity of 5 tonnes

Conklin Multiplex:

Phase - Construction

- Outdoor Components include baseball diamond, football/soccer field, horseshoe pit, parking lots etc
- Indoor components include one ice surface, gymnasium/banquet area, events stage, fitness multipurpose rooms, classroom/training room and office
- Construction of the project started in Q4 – 2015 and foundation work has been completed

Conklin Multiplex:

Phase – Construction (cont'd)

- The project was temporarily suspended during the Wildfire in May 2016
- A new completion date is to be assessed, the previous projected construction completion date was scheduled for September 2018.

Conklin Street Light Improvement Project:

Phase - Design & Construction

- Scope of the project includes 29 street lights, decorative steel poles and LED lights
- Design is in progress
- Construction is expected to start in early October 2016

Janvier Steel Building (Indoor Ice Rink)

Project:

Phase - Design & Construction

- Provide a pre-engineered steel building on existing rink for the community
- Project design is 50% complete. Design is scheduled to be completed by December 2016
- Substantial completion is scheduled by the end of 2017

Janvier Street Light Improvement Project:

Phase - Design & Construction

- The purpose of the project is to illuminate the new trail
- Decorative street lights will be used for this project
- Design is in progress
- Construction is expected to start in early October 2016

Rural Community Placemaking:

Phase - Construction

- Anzac – substantially completed, minor deficiencies remain
- Conklin – small deck at waterfront and minor deficiencies remain are expected to be completed in September 2017
- Janvier – substantially completed, minor deficiencies remain
- Gregoire Lake Estates – PUL work is ongoing; horseshoe pit area, banner poles and playgrounds paving are delayed until road rehabilitation work is completed in 2017

Rural Community Placemaking:



Anzac



Janvier



Conklin



Gregoire Lake Estates

Saprae Creek Community Hall:

Phase - Predesign & Design

- Provide a community hall for Saprae Creek Estates community to meet their need to have a facility where larger events could be held
- RFP closed and currently being reviewed
- Target completion of Pre-design and design is by 1st quarter of 2017
- Construction is expected to start and finish in 2017, subject to budget approval

Saprae Creek Fire Hall Expansion Project:

Phase - Construction

- The existing facility is facing an ongoing shortage of space to store equipment in a safe and functional manner. The project will meet service level standards. This will also fulfill the Municipality's strategic priorities
- Construction contract has been awarded and it is expected to be completed by July 2017

South Utility Corridor (SUC) Project:

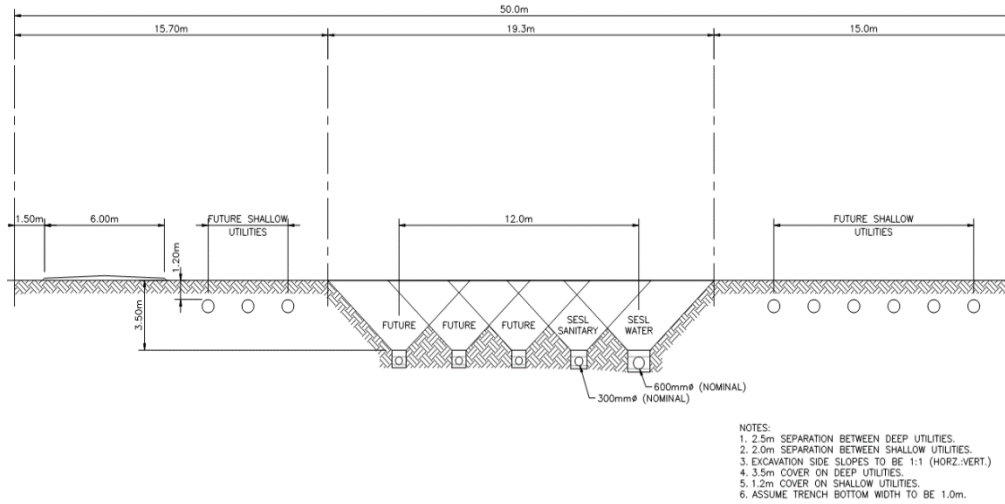
Phase - Design

- The overall project scope is to accommodate primary and secondary utilities in 50m right of way from Gregoire/McKenzie area to Anzac
- The project is on hold and design completion is subject to the acquisition of land

South Utility Corridor (SUC) Project:

Phase – Design (cont'd)

- Current pursued scope includes acquisition of land for
 - Force main from Gregoire Lake Estates to Anzac Waste Water Treatment Plant (AWWTP) to support rural water/sewer projects
 - Fibre Optic Transmission Cable And Shallow Utilities
 - Water main from Fort McMurray WTP to Anzac Reservoir



South Utility Corridor Fort McMurray First Nation # 468



South Utility Corridor Potential Cross Section



North Rural Projects



Fort Chipewyan Animal Control Centre:

Phase - Design

- Cost saving re-design is in progress
- Re-tender is planned in September 2016
- Tentative construction planned for 2017, subject to budget approval

Firebag Bridge Replacement:

Phase - Completed

Richardson River Bridge Replacement:

Phase – Substantially Completed

- These bridge replacements are completed

Fort Chipewyan Swimming Pool:

Phase - Completed

- Includes the construction of an aquatic facility consisting of a lap pool, recreation pool, water slide, hot tub, changing rooms and an administration area
- The project is substantially complete
- Conditional Occupancy permit is received
- Full Occupancy Permit is scheduled to be obtained by September 2016

Fort Chipewyan Swimming Pool:



Fort Chipewyan Swimming Pool:



Fort Chipewyan Water & Sanitary Sewer:

Phase - Predesign

- A Northern communities Master Plan is being considered by Engineering in collaboration with the departments of Planning and Development and First Nation and Metis Nation Relations
- Water supply to Dog Head Reserve, and the proposed new school is being considered. Consideration to include Alison Bay is underway

Fort Chipewyan Water & Sanitary Sewer:

Phase – Predesign (cont'd)

- Stakeholder engagement and assessment of the lift stations have been completed. Lift stations proposed to be upgraded in 2017, subject to budget approval
- Projects are subject to reaching an agreement with Mikisew Cree First Nation (MCFN)
- The First Nation and Metis Nation Relations Department is working towards a service agreement

Fort Chipewyan Water Treatment Plant Upgrade:

Phase 1 - Construction

- Upgrades are required for the Water Treatment Plant to meet the current and future demand requirements of the community, as well as the regulatory approvals
- Phase 1 includes the upgrade and replacement of the existing incoming raw waterline, installation of a wastewater pipeline from the facility to the sewage lagoons and an upgrade of the raw water storage ponds
- Construction is 95% completed

Fort Chipewyan Water Treatment Plant Upgrade:

Phase 2 – Construction (cont'd)

- Existing plant capacity is 1,036 m³/day. New WTP includes two conventional treatment package trains (each designed to treat 30 L/s) with Ultra Violet disinfection system. Estimated plant capacity after upgrade is 2,553 m³/day
- The UV systems, raw water pumping and storage systems are oversized to accommodate an additional 1,296 m³/day for a third train in the future

Fort Chipewyan Water Treatment Plant Upgrade:

Phase 2 - Construction (cont'd)

- The existing distribution pumphouse
 - The existing raw water intake pump station and
 - The aging equipment
- RMWB has been approved for Grant funding of 69.64% of estimated eligible project or up to \$19,756,092 under the Alberta Municipal Water/Wastewater Partnership (AMWWP)
- Foundation and site development work is 55% completed

Fort Chipewyan Water Treatment Plant Upgrade:



Fort Chipewyan Water Treatment Plant Upgrade:



Fort Chipewyan Winter Road Bridges Replacement:

Phase - Construction

- The replacement and rehabilitation of the following three structures:
 - Rehabilitation of a single span bridge for the Athabasca tributary channel
 - Repair of the twin culverts in Sandhill area
 - The replacement of a culvert for Mission Creek located just south of Fort Chipewyan
 - Work will commence in conjunction with the Winter Road construction

Fort MacKay Fire Hall:

Phase - Design

- The project scope is to construct a new Fire Hall with four apparatus bays, parking for volunteers, indoor training room, and outdoor training area to meet the functional requirement of the Fort MacKay Fire Department
- Design phase of the project was awarded in March 2015
- The design work is currently on hold pending discussion with the community (Metis and First Nations)

Rural Community Placemaking:

Phase - Construction

- Fort McKay – design phase was in progress and currently on hold. Aboriginal and rural relations are working with the community to understand their need before design progresses
- Fort Chipewyan – Construction completed except for the fish plant harbour feature. Awaiting approval from Land Administration/Province to proceed with the remaining scope

Rural Community Placemaking: Phase - Construction

Fort Chipewyan Placemaking



Thank You
Questions?