

Asset Management Roadmap Project Update Presentation

Town of Fort Frances
Operations & Facilities

Asset Management Plan Coordinator
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Agenda

1. Overview of Asset Management Plan
2. Update of Asset Management Roadmap
3. Application of Asset Management (Case Study)
4. Current users of Asset Management Software
5. Next step
6. Summary
7. Q&A



What is Asset Management Plan?

- Asset Management Planning is the process of making the best possible decisions regarding the construction, operation, maintenance, renewal, replacement and disposal of infrastructure assets to maximize the benefits of finances and maximizing asset life.
- The Town of Fort Frances is updating its Asset Management Plan to better manage the Town's infrastructure to provide satisfactory levels of services to the public including Roads, Bridge, Facilities, Water, Storm, Sanitary, Parks, Social Housing.



Why we need Asset Management Plan?

- Deliver better infrastructure service to the public
- Manage budget effectively and efficiently, doing the right thing to the right asset at the right time, extend asset service life and save money for future development
- Applications for Infrastructure Funding to support infrastructure projects, requires the municipality to have a comprehensive asset management plan, covering at least core infrastructure assets, and including all asset information and relative analysis.



Where are we now?

What assets are included in our AMP?

- Road Network
- Facilities
- Parks
- Water Network
- Storm Network
- Sanitary Network
- Bridges
- Social Housing

Infrastructure Assets List	Status		
	TA (Inventory)	Condition Assessment	Works
Road Network			
Road Segment	Completed	Completed	2018 Initiative
Traffic Lights	End of 2017	End of 2017	
Street Lights	End of 2017	End of 2017	
Laneways	Ongoing	2018 Initiative	
Signs	Ongoing	Ongoing	
Crosswalk	Ongoing	2018 Initiative	
Curb & Gutter	Ongoing	2018 Initiative	
Sidewalk	2018 Initiative	2018 Initiative	
Bridge	End of 2017	End of 2017	
Facilities			
Civic Centre	Completed	2018 Initiative	Completed
Memorial Sport Center	Completed		Completed
Public Works	Ongoing		2018 Initiative
Library	Completed		Completed
Museum	Completed		Ongoing
Children Complex	Completed		Ongoing
Water Treatment Plant	Ongoing		Ongoing
Waste Water Treatment Plant	End of 2017		End of 2017
Other Facilities	Spring 2018		2018 Initiative
Parks			
Parks	Ongoing	2018 Initiative	2018 Initiative
Rinks	Ongoing		
Sports Field	Ongoing		
Marina	Ongoing		
Cemetery	Ongoing		
Market Square	Ongoing		



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Infrastructure Assets List	Status		
	TA (Inventory)	Condition Assessment	Works
Water Network			
Hydrants	Completed	Not Planned Yet	2018 Initiative
Curb Stops			
Water Chambers (Valves)			
Water Mains			
Storm Network			
Catch Basin	Completed	Proposed Zoom Camera Inspection (2018 Initiative)	2018 Initiative
Storm Inlets			
Storm Manholes			
Storm Outfall			
Culverts			
Culvert Ends			
Storm Mains	Ongoing		
Sanitary Network			
Cleanouts	Completed	Ongoing CCTV Inspection	2018 Initiative
Sanitary Lift Stations			
Sanitary Manhole			
Sanitary Valves			
Force Mains			
Sanitary Mains			
Social Housing			
Social Housing	End of 2017	2018 Initiative	2018 Initiative

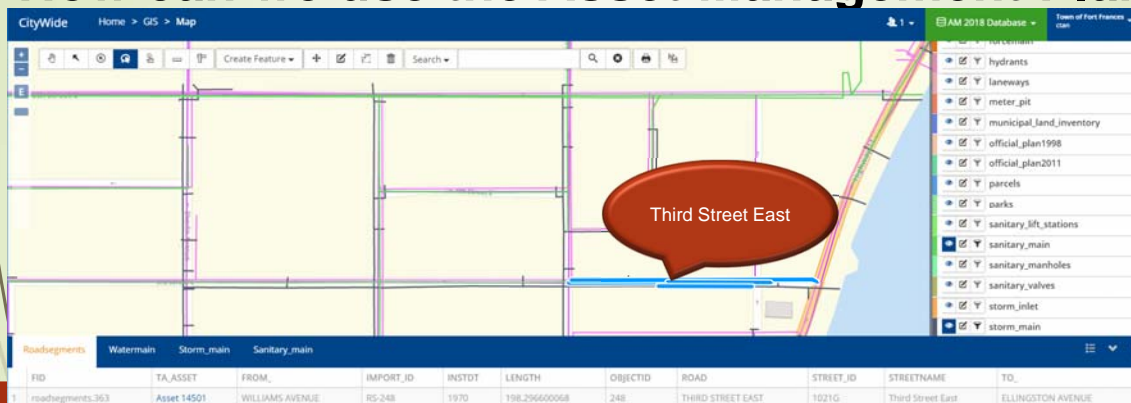


How can we use the Asset Management Plan?

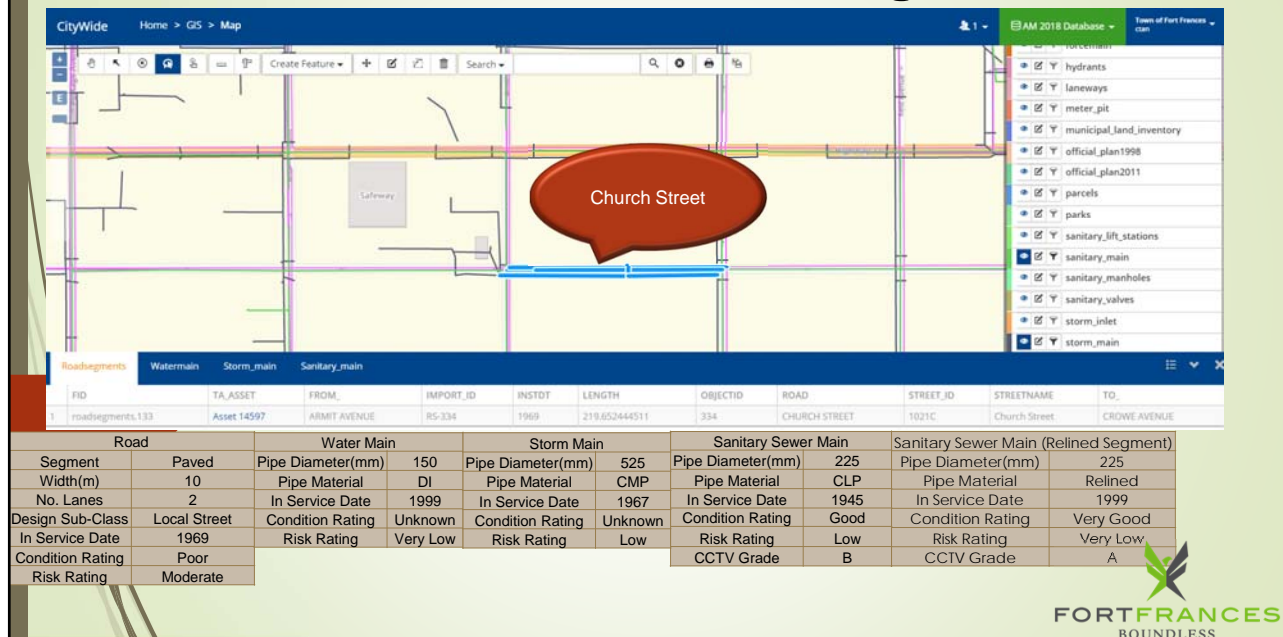
Road Reconstruction Evaluation



How can we use the Asset Management Plan?



How can we use the Asset Management Plan?



FORTFRANCES
BOUNDLESS

Case Comparison

Third Street East

- ✓ Poor road condition
- ✓ **High risk** water main
- ✓ Low risk storm main
- ✓ Good sanitary main
- ✓ Sanitary inspection grade B



Church Street

- ✓ Poor road condition
- ✓ Low risk water main
- ✓ Low risk storm main
- ✓ Good sanitary main
- ✓ Sanitary segment partially relined
- ✓ Sanitary inspection grade A/B

CCTV Inspection Comments

- Pipe is cracking
- Lots of greases in the pipe
- 32 plugged sewer reports

- Light cracking
- The relined sanitary segment in very good condition
- 23 plugged sewer reports



FRANCES
BOUNDLESS

Recommendation

Third Street East

- ✓ Whole segment reconstruction
- ✓ Install new underground utility
- ✓ Construction will begin Summer 2018 (Pending Budget)

Church Street

- ✓ Relining the remaining sanitary sewer pipe segment (Bring up the pipe condition, extend pipe life time by 85%)
- ✓ Shave and pave



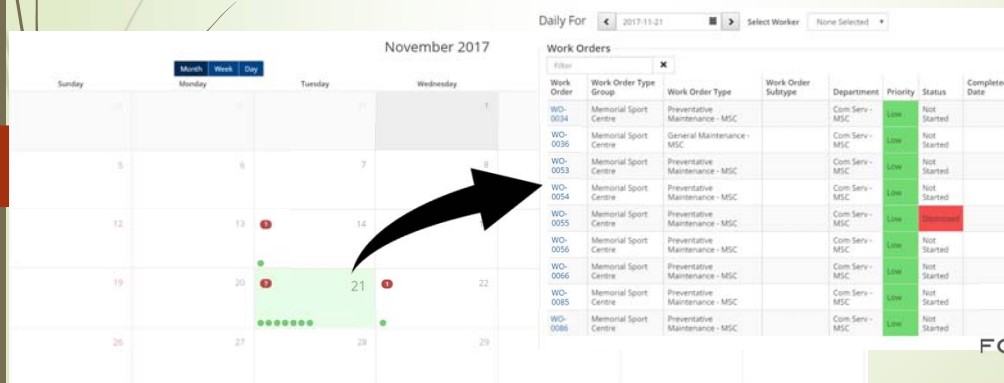
Current Users of Asset Management Plan

Memorial Sport Centre

- ✓ Daily operation
- ✓ General maintenance
- ✓ Schedule maintenance activities

Benefit

- ❖ Make sure assets receive maintenance at the right time
- ❖ Reflect maintenance progress immediately
- ❖ Workers manage daily schedule efficiently



What will we do next?

- ✓ Collect additional information to fill gaps in asset inventory
- ✓ Determine asset replacement costs and complete asset lifecycle activity model
- ✓ Link AMP to the budget and develop financing strategy
- ✓ Engage more departments in town to use the AMP in daily operation



Summary

- ✓ More than half of the town assets contained in the asset registry
- ✓ Some departments have finished maintenance activity scheduling
- ✓ Some departments have begun to use the system in daily operations
- ✓ AMP helps the Town in capital project evaluation
- ✓ AMP helps Town staff manage their schedule better
- ✓ Provide sustainable level of service to the public



Questions?

