



Capital Budget Request - DESIGN

Project Name Saunderson Pressure Reducing Valve (PRV) Station - Design \$ **450,000**

Order Code	New	Project Location	Lower Townsite
Project Category	Environmental	Ward	1
Type of Project	Lifecycle - Design	Municipal Function	41 - Water Sup & Distribution

Project Description and Scope

This project is generated from an engineering study on the Lower Townsite 4 Way Chamber and Twin Lines project. The result of the engineering study proposed a redesign from a 4 way chamber to a pressure reducing valve station (PRV) and reduce the number of watermains connecting the Abasand Reservoir from two to one. This redesign will result in a more efficient operation and reduction in maintenance costs to the water system network south of the Athabasca River. Additionally, potential savings in excess of \$4M in construction costs would be realized.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2017 & Prior	-					
2018	450,000			450,000		
2019	-					
2020	-					
2021	-					
2022	-					
Thereafter	-					
Total	450,000	-	-	450,000	-	-

Additional Funding Details



CAPITAL BUDGET AMENDMENT

Council

CURRENT PROJECT NAME: 4 Way Chamber and Twin Line to Lower Townsite Reservoir (Abasand) - Construction**AMENDED PROJECT NAME:** Saunderson Pressure Reducing Valves (PRV) and Lower Townsite Supply Lines

Group I/O	Revenue I/O	Expense I/O	Project Consolidation
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ORDER CODES (if assigned):	0382017	700893	601487
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CURRENT PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2017 & Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	9,000,000	-	-	9,000,000	-	-
2019	6,500,000	-	-	6,500,000	-	-
2020	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 15,500,000	\$ -	\$ -	\$ 15,500,000	\$ -	\$ -

CURRENT COST AND COMMITMENT

As at	Current Budget	Actual to Date	Commitments	Available
3/23/2018	\$ 15,500,000	\$ -	\$ -	\$ 15,500,000

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

This amendment is to consolidate the 4 Way Chamber and Twin Lines project (IO# 601487) with the Water, Sewer and Storm Lines from MacDonald to the 4-Way Chamber project (IO#601474); change the name of the project; amend the scope, and reduce the budget by \$4M.

Consolidating the two construction projects allows for efficient and effective contract management to ensure seamless tie in to the Saunderson Pressure Reducing Valve (PRV) Station from MacDonald Ave and to the Abasand Reservoir. The (PRV) Station and Lower Townsite Supply Lines will replace aging supply lines from MacDonald Ave to the redesigned Saunderson PRV Station reducing the frequency of repairs in that area and reducing maintenance expenses. Redesigning from a 4 Way Chamber to PRV Station allows for the reduction of watermains from two to one connecting the Abasand Reservoir to PRV Station and saving \$4M in construction costs.

AMENDED PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2017 & prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	7,000,000	-	-	7,000,000	-	-
2019	19,524,000	-	-	19,524,000	-	-
2020	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 26,524,000	\$ -	\$ -	\$ 26,524,000	\$ -	\$ -

Budget Change

TOTAL	\$ 11,024,000	\$ -	\$ -	\$ 11,024,000	\$ -	\$ -
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FISCAL RESPONSIBILITY POLICY CRITERIA:

Will the change result in an efficient administrative and project delivery process? Yes

Will the change result in an addition or cancellation of a capital project? Yes

Will the underlying scope change alter the nature and type of capital project? n/a

Where additional funding is required, are the funds from a combination of savings from fully tendered projects, other uncommitted sources such as grants and offsite levies, and cash flow management with other capital projects? n/a

Will the change result in Council set debt and debt service limits being exceeded? No

In order for this to be a Fiscal Management Policy Amendment the questions above must answer, Yes, No, No, Yes, No, respectively.