

CSMI region map, construction stages, and capital funding

The following map and tables are excerpts from the CSMI Development Agreement (updated September 2020) prepared by the CSMI partnership. The map shows the CSMI region and construction stages.

The cash flow projections include proportional contributions from municipalities to implement the project and does not include operations and maintenance costs for the stormwater system.

The development budget outlines cost estimates for each stage of construction of the system.

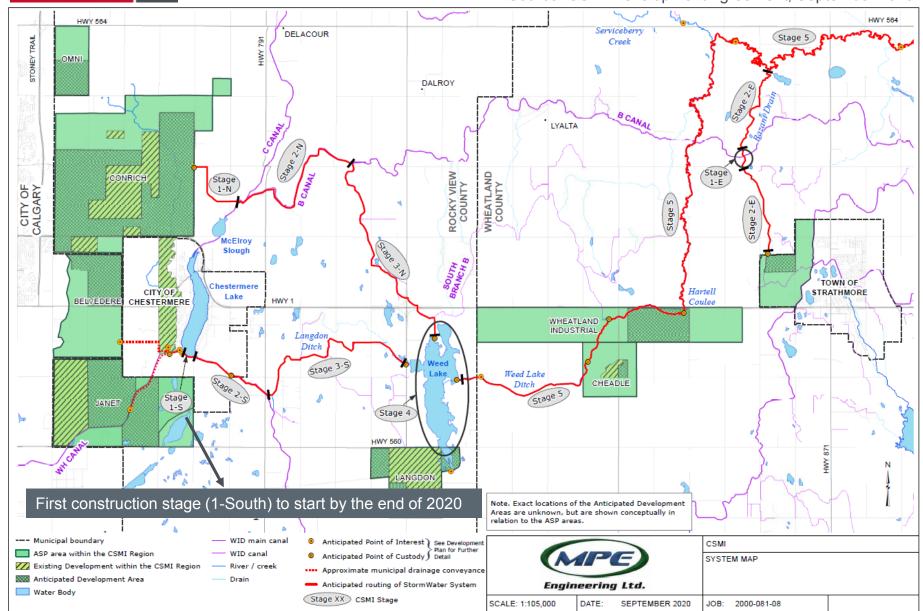
Notes:

- The CSMI system will be constructed in stages to match development. Stage 1-South is scheduled to begin by the end of 2020.
- Construction to serve Calgary's portion of CSMI is anticipated to begin around 2025.
- The CSMI system will eventually be separate from Western Irrigation District's (WID's) canal system.



CSMI map and construction stages

Source: CSMI Development Agreement, September 2020





CSMI cash flow projections including proportional municipal contributions

Table 14: Cash Flow Projections

	2018	2019	2020	2021	2022	2022-2045	
Funding Source	Planning & Implementation (P&I) Only	P&I Only	Stage 1-S / Stage 1 Land / P&I	Stage 1-N / Stage 1-E / P&I	Stage 2-S	All other Stages / Rural Best Mgmt Practices / Low Impact Development Research	Total Cost
Province (ACRP Grant) ¹	\$564,480	\$178,754	\$3,686,616	\$3,170,149			\$7,600,000
Canada (BCF Grant)			\$1,525,578	\$335,172		\$206,750	\$2,067,500
Province (ACP Grant)			\$200,000				\$200,000
Municipalities ²	\$62,720	\$19,862	\$958,783	\$3,009,029	\$2,067,500	\$74,291,150	\$80,409,043
Chestermere (0%)	\$10,200	\$3,200	\$0	\$0	\$0	\$0	\$13,400
Rocky View (83.5%)	\$44,800	\$14,200	\$800,800	\$2,513,300	\$1,726,900	\$62,051,400	\$67,151,400
Wheatland (2.7%)	\$1,500	\$500	\$25,400	\$79,600	\$54,700	\$1,964,900	\$2,126,600
Strathmore (1.5%)	\$900	\$300	\$14,700	\$46,200	\$31,700	\$1,139,500	\$1,233,300
Total	\$627,200	\$198,616	\$6,370,977	\$6,514,350	\$2,067,500	\$74,497,900	\$90,276,543

- 1) ACRP grant covers 90% of first \$3,000,000 spent, then 70% until grant is spent
- 2) 2018 and 2019 municipality costs are based on Percentages in those years

Source: CSMI Development Agreement, September 2020

Note: An additional \$10M capital is required by The City of Calgary to connect to the CSMI system, and the timing of The City's investments will be determined by East Belvedere development.



CSMI development budget for each stage – total project estimates

SCHEDULE "C" DEVELOPMENT BUDGET

The following table outlines the estimate of Development Budget for each Stage of the StormWater System:

Stage	Cost ¹		
Stage 1-S	\$6,068,000		
Stage 1-N	\$6,074,000		
Stage 1-E	\$390,000		
Stage 2-S	\$6,094,000		
Stage 2-N	\$10,824,000		
Stage 3-N	\$10,823,000		
Stage 2-E	\$723,000		
Stage 3-S	\$11,819,000		
Stage 4	\$4,998,000		
Stage 5 Hartell	\$10,950,000		
Stage 5 Serviceberry	\$3,070,000		
Constructed wetlands	\$11,729,000		
LID Research	\$2,000,000		
Rural BMP's	\$3,391,000		
Planning and Implementation	\$1,324,000		
Total	\$90,277,000		

^{1:} Costs rounded to the nearest thousand dollars

LID: Low Impact Development, BMPs: Best Management Practices

Source: CSMI Development Agreement, September 2020