



THE CORPORATION OF THE CITY OF ROSSLAND

AGENDA

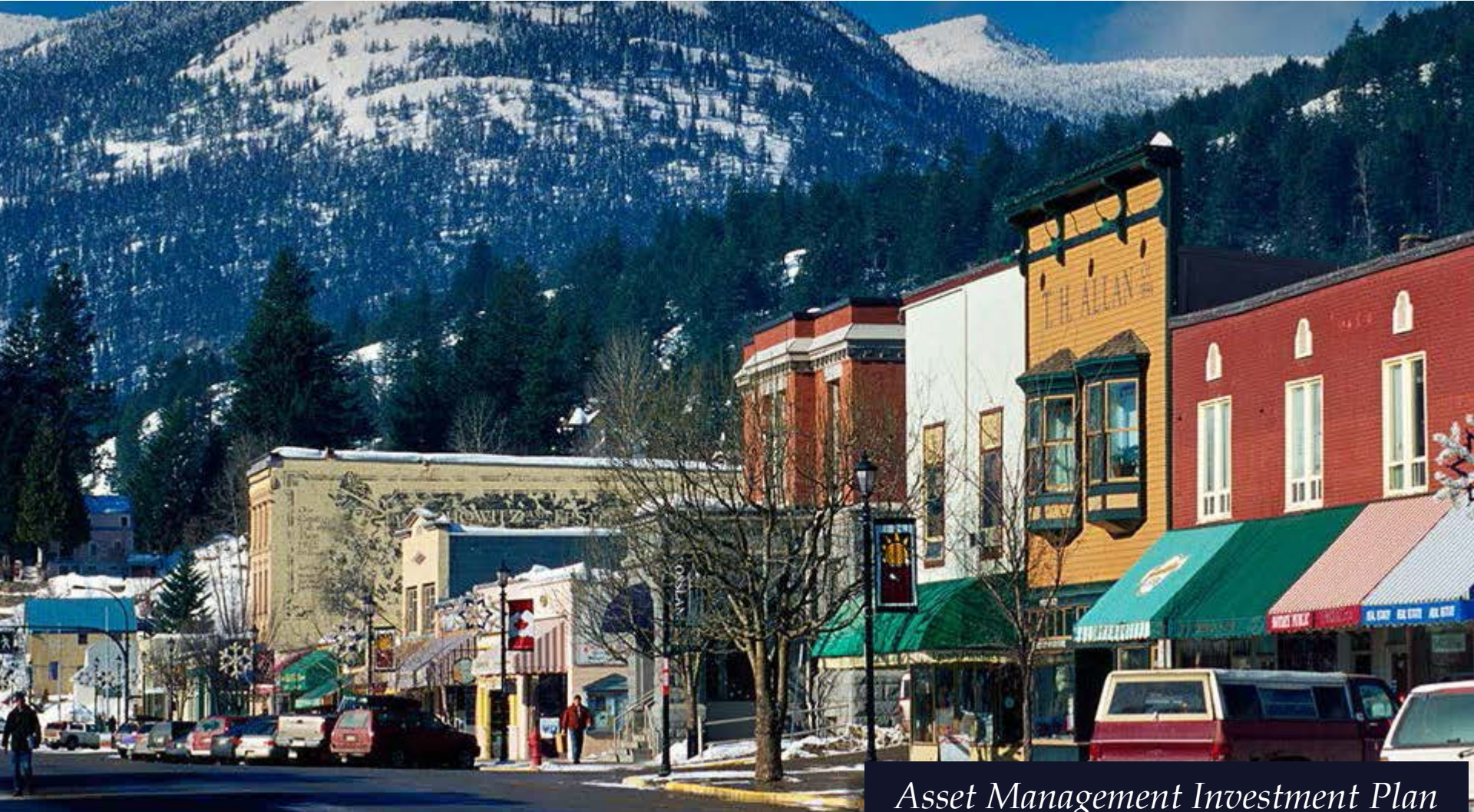
**COMMITTEE-OF-THE-WHOLE MEETING OF COUNCIL
CITY HALL COUNCIL CHAMBER
MONDAY, SEPTEMBER 23rd, 2013
6:00 P.M.**

- (1) CALL TO ORDER**
- (2) ADOPTION OF AGENDA**
- (3) REGISTERED PETITIONS AND DELEGATIONS**
 - a) Asset Management Investment Plan Presentation to Council**

Mr. Michael E. Trickey, President and CEO of Strategic Infrastructure Management Inc. will present a PowerPoint presentation to Council regarding an Asset Management Investment Plan.

- (4) CLOSE OF MEETING**

RESOLVED THAT the September 23, 2013 Committee-of-the-Whole Meeting be adjourned.



Asset Management Investment Plan

ROSSLAND, BC COUNCIL PRESENTATION

September 23rd , 2013



Overview



- ▣ Canadian infrastructure challenge
- ▣ Investment plan methodology
- ▣ City infrastructure and cost of renewal
- ▣ Funding gap and context
- ▣ Solutions to close the funding gap
- ▣ Next steps

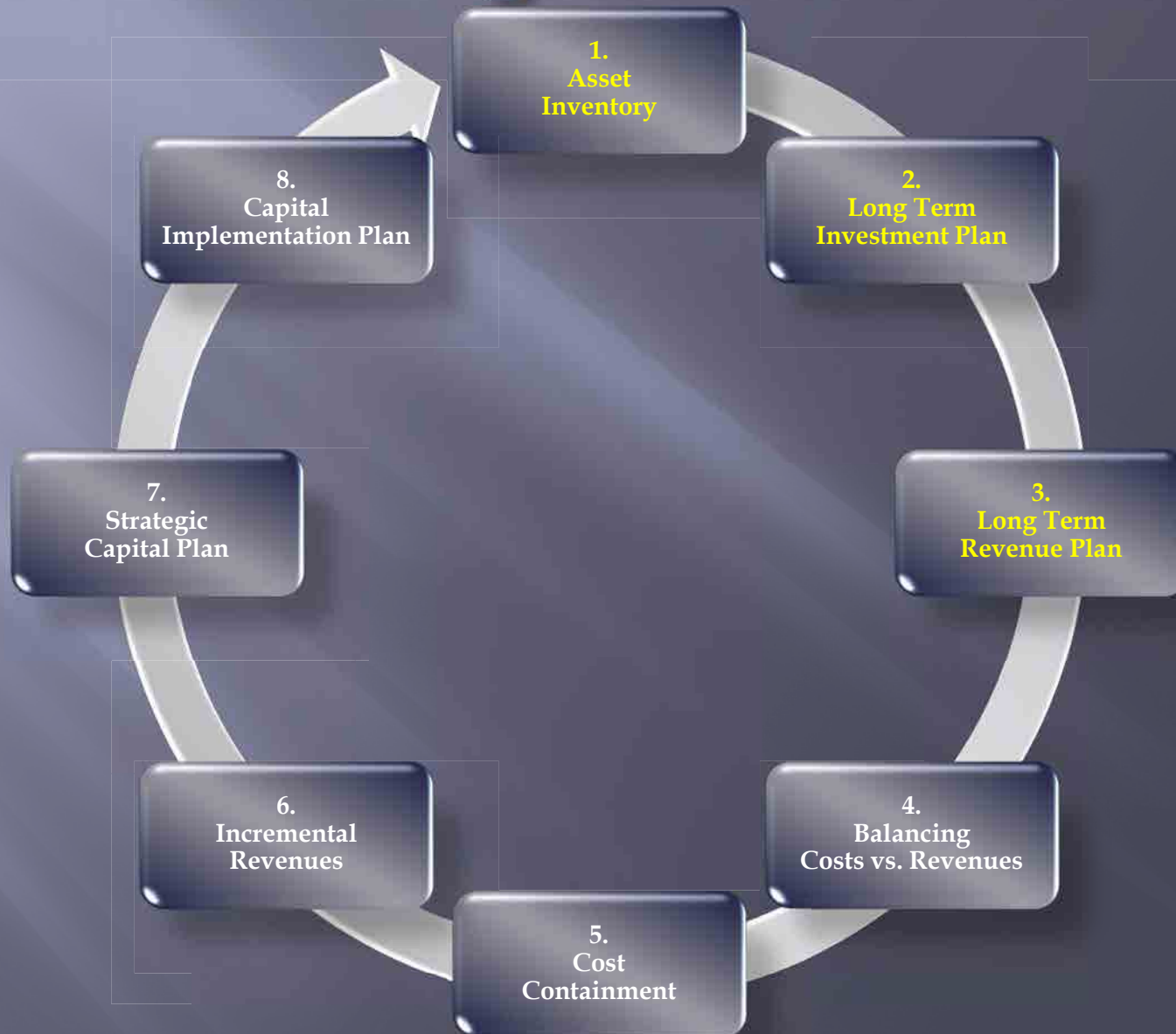
Infrastructure Challenge



- ▣ Canadian municipal deficit \$123B in 2007¹
- ▣ Expected to grow to \$150B by 2013
- ▣ BC portion estimated at \$18B²
 - Approximately 16% of replacement value
- ▣ Rossland asset management program:
 - How much do we own?
 - How much will it cost us?
 - Is there a funding gap?
 - Implementing affordable solutions

1. *Federation of Canadian Municipalities (FCM)*
2. *Strategic Infrastructure Management (SIM)*

Asset Management Process



Asset Management Investment Plan AMIP



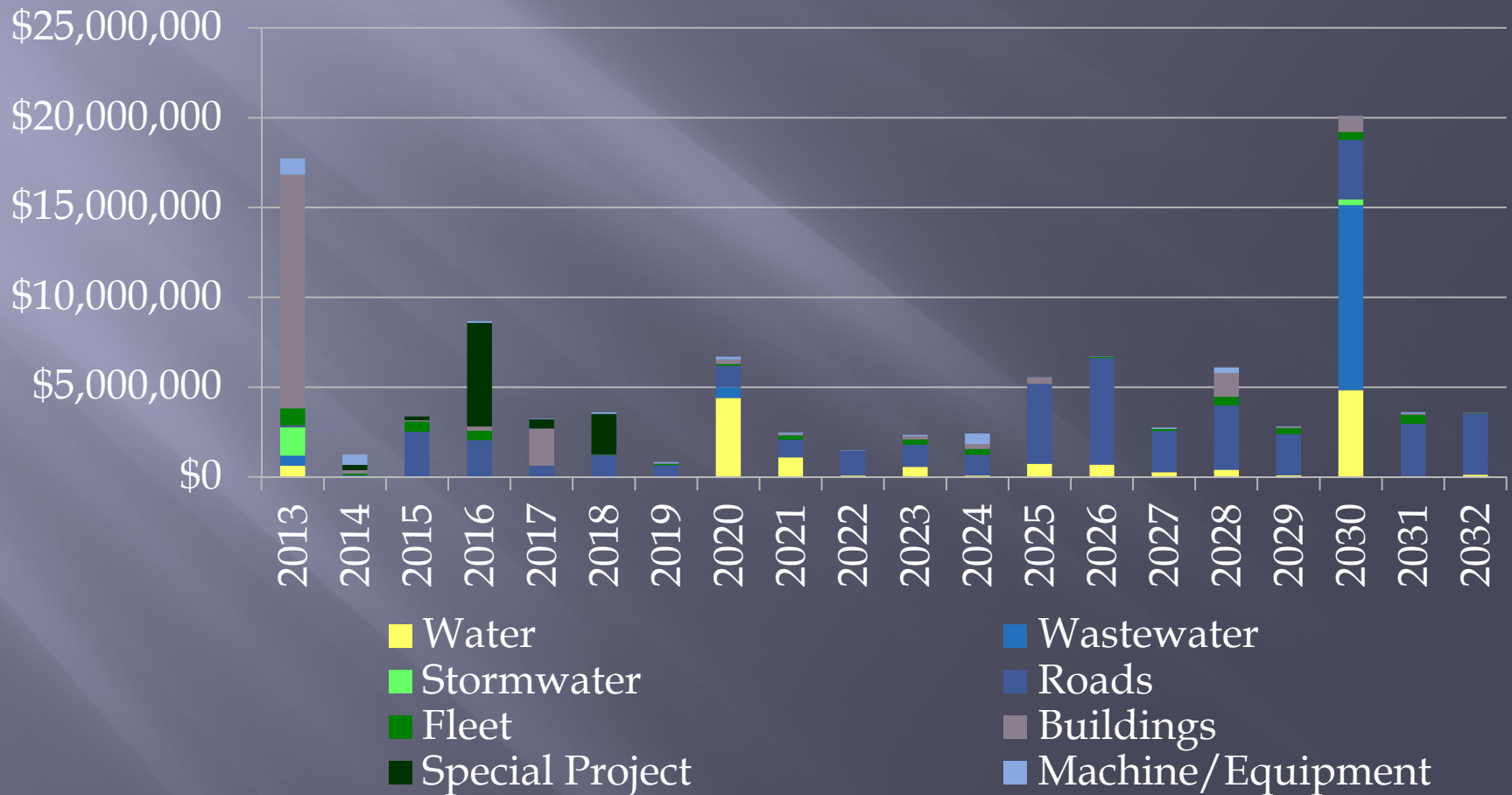
- ▣ Based on a very detailed Asset Inventory
- ▣ Calculates the replacement value of all City infrastructure, including:
 - Remaining life
 - Infrastructure deficit (backlog)
 - Renewal costs and timing
 - Optimum budget levels
- ▣ Services lives and renewal costs are based on engineering values, operational experience and actual tender pricing

Rossland's Infrastructure



Major Asset Category	Replacement Value (millions)	Average Life (years)	Remaining Life (years)	Renewal Backlog (millions)	Ideal Budget (millions)
Water System	\$36.9	57	27	\$0.63	\$0.65
Wastewater System	\$36.9	79	38	\$0.56	\$0.47
Stormwater System	\$12.6	64	36	\$1.58	\$0.20
Roadway System	\$47.0	42	14	\$0.11	\$1.13
Fleet	\$3.7	16	6	\$0.95	\$0.23
Buildings	\$31.6	44	16	\$13.01	\$0.72
Special Projects	\$9.1	50	50	\$0.00	\$0.18
Machine & Equipment	\$1.9	13	2	\$0.89	\$0.14
Total Infrastructure	\$179.7	48	22	\$17.73	\$3.71

20 Year Investment Plan



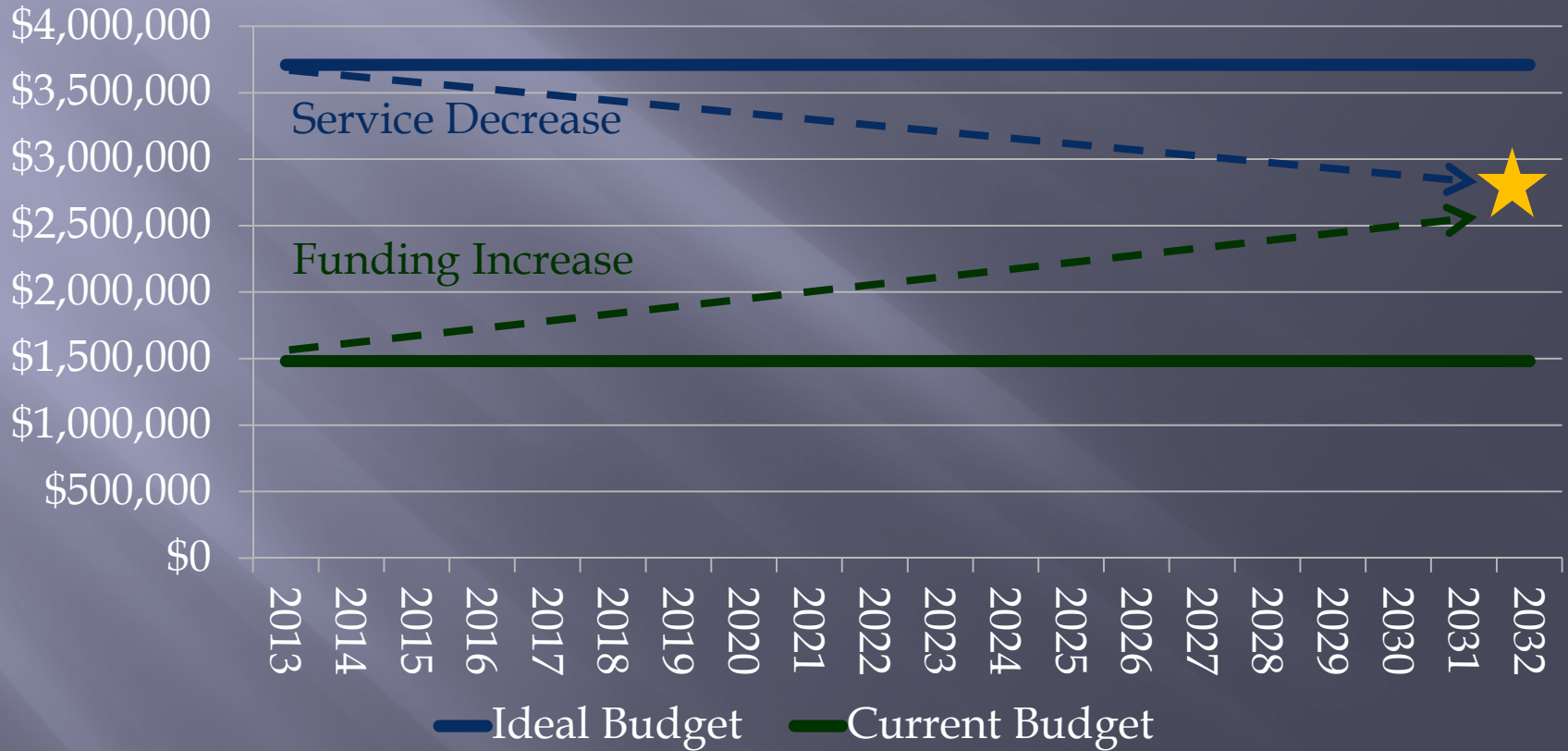
Funding Gap



- ▣ Backlog of \$17.73M
 - 10% of replacement value
 - Lower than BC average of 16%
 - Risk managing backlog is a sound practice
- ▣ Infrastructure is passed its half life (46%)
- ▣ Ideal annual budget is \$3.71M
 - BC communities funding approximately 40%
 - 40% funding level is approximately \$1.48M
 - Need to find affordable limit



Solutions to Funding Gap



Next Steps



- ▣ Complete the asset management revenue model and plan
- ▣ Identify affordable levels of service and risk
 - By asset criticality
 - By asset sub-class
 - By asset location
- ▣ Balance needs and costs against available funding
- ▣ Pursue renewal grant funding with the Province and Federation of Canadian Municipalities

Thank You