

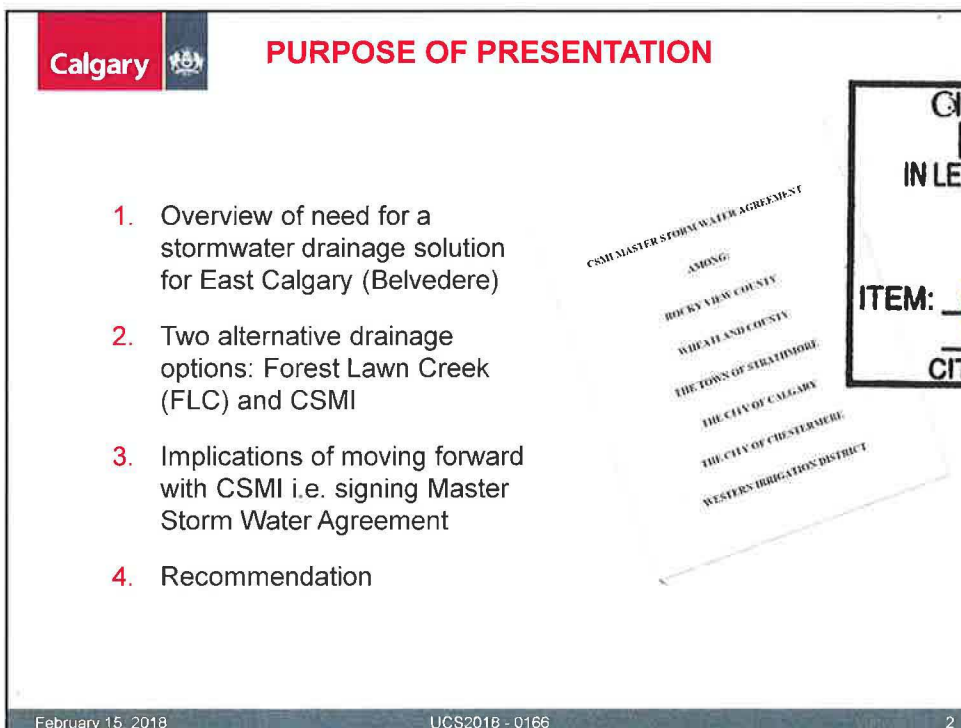



**Calgary** 

**Cooperative Stormwater Management Initiative (CSMI)**  
IGA2018 - 0166

Intergovernmental Affairs Committee  
15 February 2018  
ISC: Unrestricted

February 15, 2018 UCS2018 - 0166



**Calgary** 

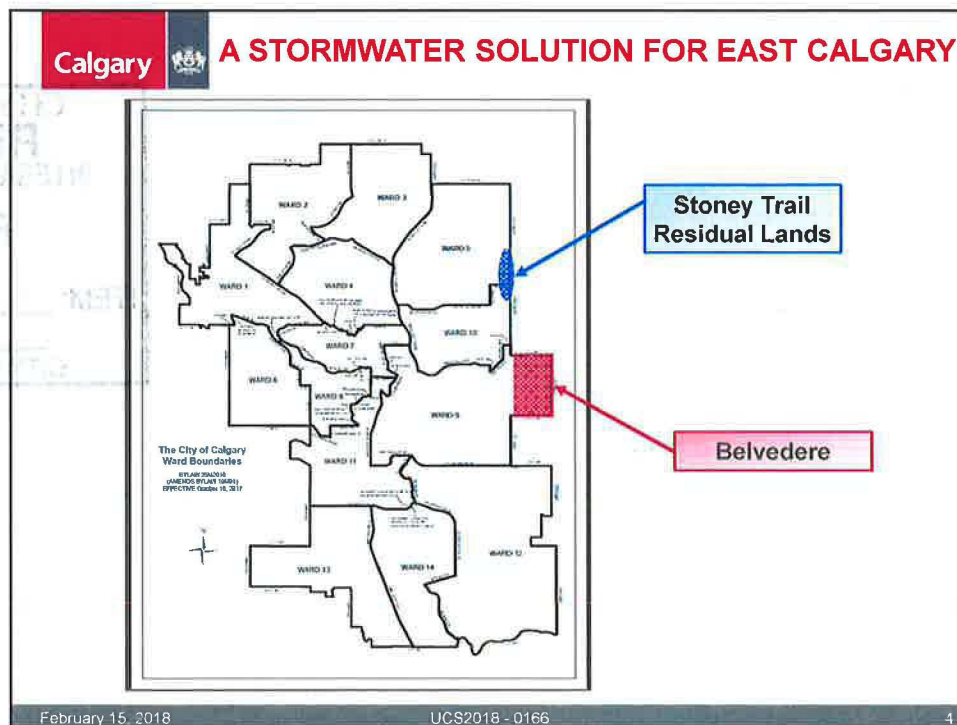
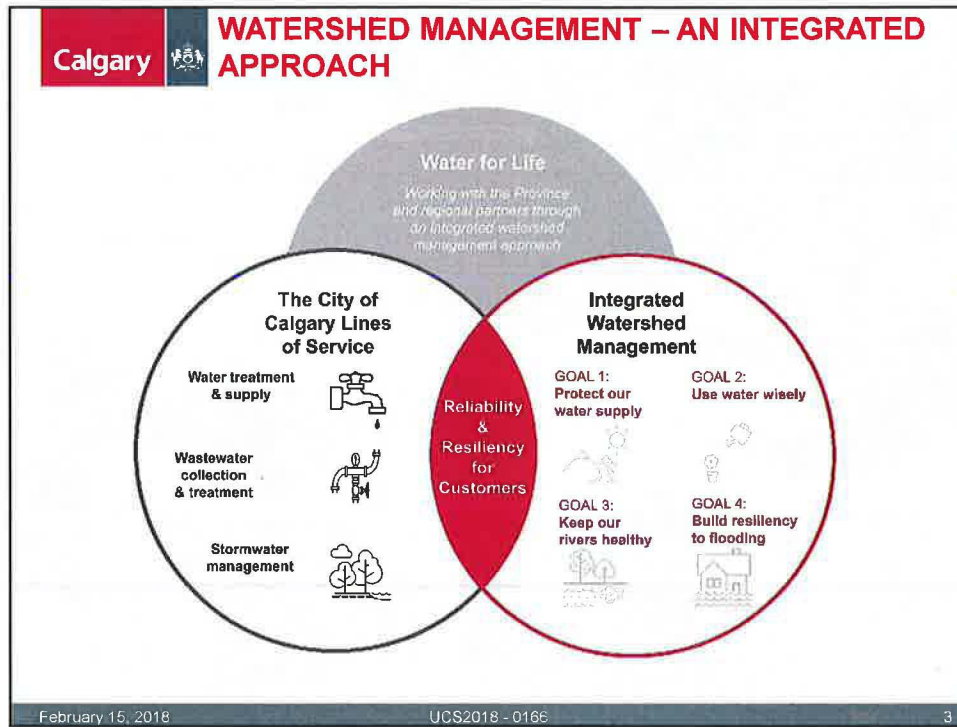
**PURPOSE OF PRESENTATION**

1. Overview of need for a stormwater drainage solution for East Calgary (Belvedere)
2. Two alternative drainage options: Forest Lawn Creek (FLC) and CSMI
3. Implications of moving forward with CSMI i.e. signing Master Storm Water Agreement
4. Recommendation

CSM MASTER STORM WATER AGREEMENT  
AMONG:  
ROCKY VIEW COUNTY  
WHEATLAND COUNTY  
THE TOWN OF STRATHMORE  
THE CITY OF CALGARY  
THE CITY OF CHESTERBURGH  
WESTERN IRRIGATION DISTRICT

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## BACKGROUND

- Discussions on a Regional stormwater solution for east of the City were formally initiated in 2008 as part of the Shepard Regional Drainage Plan (SRDP) to accommodate long-term growth
- The SRDP was discontinued in 2013

Two potential alternative options have been identified:

1. Forest Lawn Creek (City-only Solution)
2. CSMI (Regional Solution)

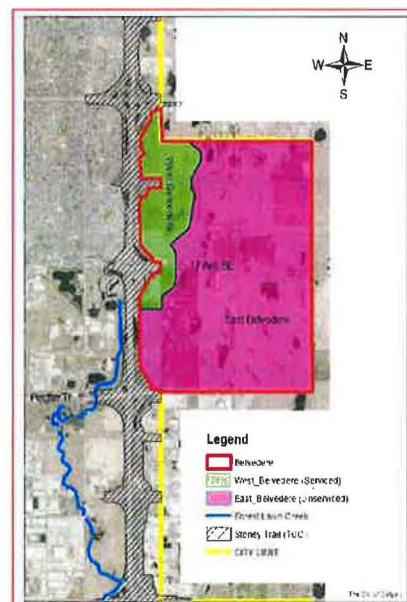
Feasibility studies and cost estimates are expected in 2019





## FOREST LAWN CREEK

### *A City-only alternative solution*

- Direct all of Belvedere stormwater runoff flows to the FLC system to the west and downstream to the Shepard Wetland
- Impacts to wetlands and associated mitigation and compensation costs are being evaluated.






## CSMI

### A Regional Alternative

- A new stormwater canal system largely on Western Irrigation District (WID) land paralleling their current irrigation canals
- The WID will manage and operate the system on behalf of, and under the direction of, the CSMI board
- Total Capital cost is ~\$85M
- Calgary's share of Capital cost is estimated at ~\$7.0M or 9%
- 25 year build out



**Legend**  
 City of Calgary  
 CSMI Area



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## CSMI CONSIDERATIONS


- Since 2012 The City has been participating as one of six members in CSMI.
- Work to date has been engineering feasibility, projected use, and governance.
- The CSMI membership decided on a Cooperative governance model.
- In 2017, the CSMI members negotiated a governance agreement - the Master Storm Water Agreement (MSA), proposing rights and obligations of partners with respect to funding, development and operation principles.
- Signing the MSA is required by February 28<sup>th</sup> to continue as a member of the CSMI and share in the \$7.6M Provincial ACRP grant

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## REASONS TO SIGN THE MSA

- Keeps The City's options open
- Influence drainage planning and development and mitigate long-term risk
- Maintain Regional relationships
- Opportunity to renegotiate the Western Headworks Stormwater Management Agreement
- City can share in \$7.6M ACRP Grant



CSMI MASTER STORMWATER AGREEMENT  
AMONG  
ROCKYVIEW COUNTY  
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THE TOWN OF STRATHMORE  
THE CITY OF CALGARY  
THE CITY OF CHESTER  
WESTERN IRRIGATION DISTRICT

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## ADMINISTRATION RECOMMENDATIONS

**That the Intergovernmental Affairs Committee recommend that Council:**

1. Direct Administration to sign the Cooperative Stormwater Management Initiative (CSMI) Master Storm Water Agreement no later than 2018 February 28, and
2. Direct this report to the 2018 February 26th Regular Council Meeting.

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**QUESTIONS?**

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