



COMMUNITY INFRASTRUCTURE & STRATEGIC GROWTH – AGENDA REPORT

Meeting Date: 10 June 2025

Subject: Utility Master Plan And Transportation Master Plan Updates

Directorate: Community Infrastructure

Issue:

Engineering Services is requesting the Committee's support for the updated Utility Master Plan (UMP) and Transportation Master Plan (TMP).

Policy / Council Direction:

The City's current UMP was endorsed on February 1, 2016 by Council. The TMP was last updated in 2020 and focused on the 140,000-population horizon.

Background:

In the 2023 budget year Council approved funds to update two key infrastructure planning documents in the UMP and TMP. The UMP was last updated in 2016, almost a decade ago. The TMP was updated a little more recently but is still approaching 5 years since its last update.

The process to update the UMP and TMP has been a multi-year process that has been informed by updated population projections and updated land absorption assumptions. The process also included updates to the City's water, wastewater and traffic models, ensuring the models are the best tool available for the task.

The 2016 UMP and the 2020 TMP used pre-COVID population projections and land development assumptions as the main input into the complex software modelling platforms that are the basis of each master plan. Over the last several years a number of area structure plans have been approved and they have significantly higher population projections than what was used in the 2016 UMP and the 2020 TMP.

The increased population projections for area structure plans combined with the explosive growth through COVID and to today, prompted the need to update both the UMP and TMP so that they more closely represent projected and actual population growth.

The updated plans envision a staged approach to infrastructure building that will see the City's population grow to an estimated population of 265,000 at the full buildout of the annexation area.

The UMP and TMP updates were authored by ISL Engineering and representatives from ISL will be present to provide more detail on the process and results of the UMP and TMP updates.

Administration Recommendation:

Administration recommends that the Community Infrastructure and Strategic Growth Committee accept the report for information. This would signal acceptance of the UMP and TMP as the most recent utility and transportation master plans for the City.

Alternatives/Implications:

1) The Standing Committee could choose to refer the UMP and TMP updates to City Council. This would signal that the Committee feels Council should provide direction to Administration on acceptance of the UMP and TMP. Implications of this are the UMP and TMP would remain in draft form until Administration can bring a report forward to Council.

2) The Standing Committee could choose to not accept the UMP and TMP updates for information. This would signal that the Committee does not support the adoption of the draft UMP and TMP in their current form. With this option Administration would request specific items from the Committee as to items that need to be addressed to have the Committee accept the report for information. Implications of this option are an indefinite delay to having the master plans updated, along with, additional consulting fees to address the outstanding items.

Budget Implications:

There are no direct budget implications in approving the UMP and TMP. The projects within each master plan will continue to be budgeted in the City's Capital Budget.

Communications and Engagement:

The UMP and TMP draft reports were circulated to BILD Calgary Region and posted on the City's website for comment. All comments received have been documented along with responses and action items. The comment logs will be provided as appendices to the UMP and TMP.

Once the reports are finalized, they will be posted on the City's website and will be publicly available.

Recommendation:

That the Community Infrastructure and Strategic Growth Standing Committee accepts the report entitled “Utility and Transportation Master Plan Updates”, for information.

Andrew Dormer, P.Eng. Team Leader, Engineering Services

Staff Presenter:	Andrew Dormer, P.Eng.
External Presenter:	Sarah Barbosa and Barkley Law – ISL Engineering
Department:	Engineering Services
Reviewed by:	Rick Wiljamaa, P.Eng. Lorne Stevens
Attachments:	#1: 2025 Utility Master Plan (draft) #2: 2025 Transportation Master Plan (draft)