



Integrated Infrastructure Services
Infrastructure Planning and Design

Edmonton

Standards for Public Realm Infrastructure

Urban Planning Committee
September 19, 2023

IIS01428

“The intent of these Complete Streets Design & Construction Standards is to encourage a holistic approach to street design that will develop a network of streets that is safe, attractive, comfortable, and welcoming to all users in all seasons, while considering operational and maintenance challenges. The document ... allows flexibility in design ... based on the modal priorities and context of a specific corridor.”

2018 Complete Streets Design and Construction Standards

Complete Streets Design & Construction Standards

- When new assets are planned, or existing assets are scheduled for renewal, Administration seeks to achieve applicable modern standards.
- The Complete Streets Standards are intended to be applied in a **context sensitive** way, while forming the foundation for design decisions, including providing guidance on public realm infrastructure, including curb extensions, raised crossings, active mode infrastructure and many other elements.



Public Realm Features



Curb Extension



Raised Crosswalk



Two-stage Crossing



Continuous Crossing

Public Realm Features



Shared Pathway with Boulevard



Protected bi-directional bike lanes



Shared Pathway and Sidewalk



Protected Uni-directional Bike Lanes w/Transit Stop

Some Highlights Since the Standards Were Published

- As part of renewal and growth projects, the City has:
 - Constructed more than **520 curb extensions**
 - **180 additional curb extensions** for 2023 construction
 - Installed **80+ permanent raised crossings**
 - **50 additional raised crossings** planned for 2024 construction
- As part of the Safe Crossings and Street Lab program, the City has:
 - **Installed 150 adaptable curb extensions, 2 two-stage crossings**
 - **50 additional raised crossings and two-stage crossings** in the 2023-2026 budget cycle
- Developers have constructed curb extensions and raised crossings in several infill and greenfield neighbourhoods.

Complete Streets Design & Construction Standards

Standards are being updated:

- The Complete Streets Design and Construction Standards are intended to be a living document, with regular updates to incorporate changes in best practice and their application in the Edmonton context.
- Require alignment with Councils approved strategies and policies while considering the overall impact to the cost of new homes for residents.
- Next update is planned to be published in September 2023, containing new guidance related to raised infrastructure such as continuous crossings.
- A more extensive update is also beginning, accompanied by engagement with city-building partners, such as utilities and the development industry.

In conjunction, Administration will also update the **Complete Streets Policy**.

Thank you.

Questions?

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