135 Street / Anthony Henday Drive Connection

What:
The City will construct 135 Street to replace 127 Street as an arterial connection to Anthony Henday Drive.

When:
Anticipated Construction Start: 2018
• In 2016, Alberta Transportation (AT) identified safety and operational concerns at the 127 Street right-in/right-out access to Anthony Henday Drive and determined the need to close this connection.

• To prepare for this closure, the City has initiated design work on the first stage of the Heritage Valley Trail/135 Street connection to Anthony Henday Drive.

• The future interchange at 135 Street and Anthony Henday Drive is under provincial jurisdiction, and requires additional planning work by Alberta Transportation to confirm its configuration.
Project Summary

135 Street Connection to Anthony Henday Drive

- 135 Street will replace 127 Street as a major arterial connection to Anthony Henday Drive.
- A future interchange is planned west of the existing 127 Street connection to Anthony Henday Drive. The first two lanes of 135 Street will be constructed north of Ellerslie Road with ramp connections that align with the future interchange location.
- 135 Street will also provide transit and Kiss and Ride (passenger drop-off) access to the Heritage Valley Park and Ride and Transit Centre.

Ellerslie Road Twinning – 135 Street to 127 Street

- Due to the required re-routing of traffic from 127 Street to 135 Street, Ellerslie Road will be widened to a four-lane arterial roadway from its current two-lane configuration between 127 Street and 135 Street.
- Design for the widening of Ellerslie Road between 111 Street and 127 Street is underway as a separate project. This portion is not currently funded for construction.
Ellerslie Road Design Summary

- **NEW 135 STREET**
  - **ELLERSLIE ROAD**
  - **PARK AND RIDE**
  - **KISS AND RIDE ACCESS**
  - **TRANSIT ACCESS**

127 STREET

- **MACEWAN ROAD**
- **GRAYDON HILL**

---

**THIS AREA HAS BEEN DESIGNATED FOR ROADWAY WIDENING, BUT TREE CONSTRUCTION OCCURRED**

**INTERSECTION TO BE UPGRADED TO ACCOMMODATE ACCESS TO THE PARK AND RIDE AND INCREASED LEFT TURN CAPACITY FOR NORTHBOUND AND SOUTHBOUND TRAFFIC**

**NEW SIGNALIZED INTERSECTION AT 135 STREET WITH SHARED-USE PATH CONNECTION TO PARK AND RIDE / TRANSIT CENTER**

**WIDENING OF ELLERSLIE ROAD TO THE WEST WILL BE COMPLETED AS DEVELOPMENT PROCEEDS**

**FUTURE EXTENSION OF BEAVERVALLEY TRAIL TO 13 AVENUE SW**

**TRANSIT CENTRE ACCESS FROM ELLERSLIE ROAD**

**RIGHT-IN / RIGHT-OUT KISS AND RIDE ACCESS TO BE PROVIDED FROM ELLERSLIE ROAD**

---

**LEGEND**

- **EXISTING ROADWAY**
- **NEW ROADWAY**
- **PROPOSED SHARED-USE PATH**
- **EXISTING SHARED-USE PATH**

**FUTURE EXTENSION OF BEAVER VALLEY TRAIL TO 13 AVENUE SW**

**TRANSIT CENTRE ACCESS FROM ELLERSLIE ROAD**

**RIGHT-IN / RIGHT-OUT KISS AND RIDE ACCESS TO BE PROVIDED FROM ELLERSLIE ROAD**
135 Street Design Summary

NEW 135 STREET

KISS AND RIDE

NEW SIGNALIZED INTERSECTION

TRANSPORTATION

FUTURE TRANSIT ORIENTED DEVELOPMENT

ACCESS TO / FROM EASTBOUND ANTHONY HENDAY DRIVE WITH GREATER ACCELERATION / DECELERATION DISTANCES THAN THE EXISTING 127 STREET ACCESS.

FUTURE INTERCHANGE CONFIGURATION TO BE DETERMINED BY ALBERTA TRANSPORTATION.

LEGEND

EXISTING ROADWAY

NEW ROADWAY

EXISTING SHARED-USE PATH

PROPOSED SHARED-USE PATH

TRANSIT AND KISS AND RIDE ACCESS TO BE PROVIDED. FUTURE SIGNAL TO BE IMPLEMENTED WHEN WIDENING OCCURS.

ACCESS TO / FROM EASTBOUND ANTHONY HENDAY DRIVE WITH GREATER ACCELERATION / DECELERATION DISTANCES THAN THE EXISTING 127 STREET ACCESS.
Anticipated Construction Timelines

- Construction of 135 Street anticipated to begin May 2018 with completion anticipated by end of October 2018.

- Utility work and set-up for Ellerslie Road twinning, including tree removal, is anticipated in 2018, with completion of roadwork anticipated in 2019.

- Heritage Valley Park and Ride project anticipated to construct upgrades to 127 Street north of Ellerslie Road in 2018 and 2019. Work to be coordinated with the 135 Street project to minimize traffic disruptions.

- Closure of 127 Street will be necessary for a period of time to allow for completion of the 135 Street ramps. During this time, alternate routes to Anthony Henday Drive will be required.

- Construction staging to be confirmed and final timelines will be shared in spring 2018.