

Welcome

160 Avenue NW Functional Planning Study

Project objectives:

- Plan for a new roadway, 160 Avenue NW, that will connect to Shaganappi Trail/ Highway 772, Mountain View Road, and 24 Street/Panorama Road NW.
- The new roadway planned for 160 Avenue NW will include:
 - **multi-modal transportation connections** to planned residential development in the Glacier Ridge Area Structure Plan (ASP) area;
 - **active transportation infrastructure** for people who walk and wheel (e.g., shared-use pathway); and
 - **incorporate safety and best practices** considering all travel modes for people who drive, wheel, cycle, walk or take transit through the area.

Why are we doing this work?

- The 160 Avenue NW Functional Planning Study (FPS) will build on approved studies and plans, including the Glacier Ridge ASP.
- Conducting a FPS is a crucial step in securing the necessary infrastructure to support future neighborhood development and future transportation infrastructure design and construction.



Functional Planning Study

160 Avenue NW
Functional Planning Study

A Functional Planning Study (FPS) is an early-stage planning document to provide recommendations about the future design of transportation infrastructure.

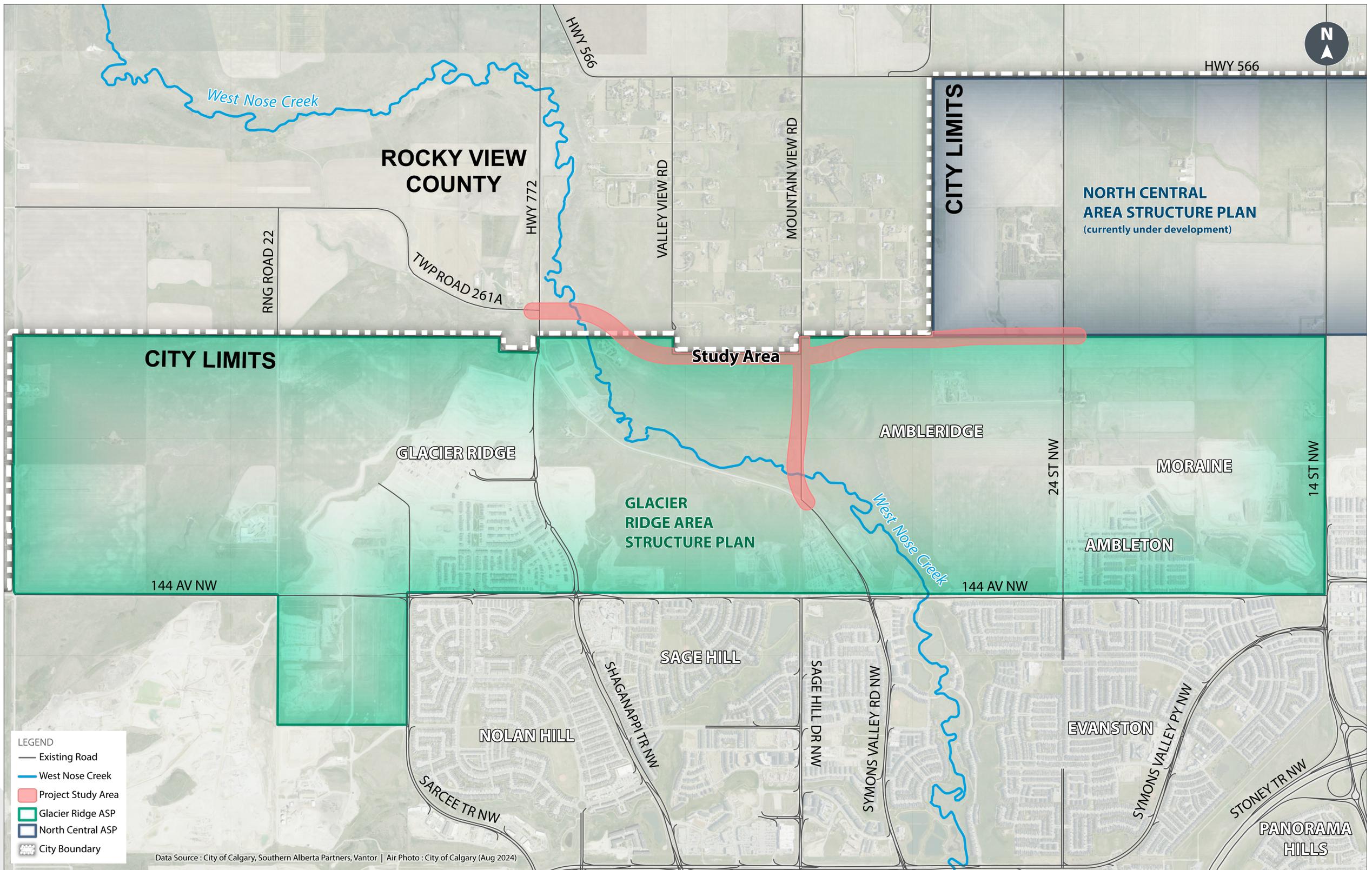
FPS Quick Facts

- The primary purpose is to look into the future, identify the land required for infrastructure and develop an estimated cost.
- These plans look at future transportation requirements to support area connectivity.
- An FPS is concluded with a final recommended plan. Recommended plans are often unfunded with no fixed dates for construction.
- Recommendations from studies enable funding discussions along with other infrastructure to support the approved future communities and enhance connectivity to existing communities.
- Most recommended plans are estimated to be implemented in 10 to 30 years but can be implemented sooner or later depending on market conditions and ability to secure funding.



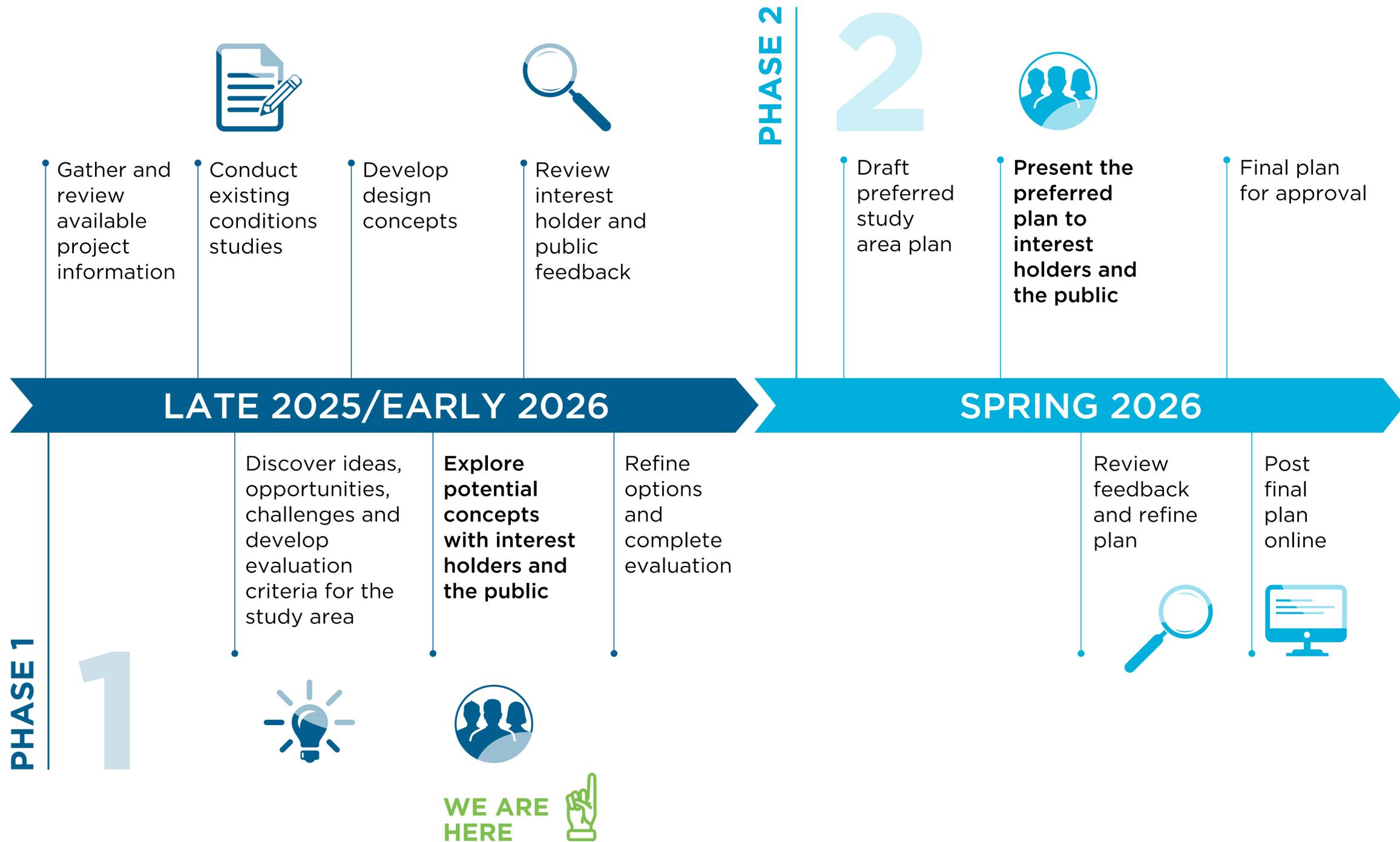
Study Overview

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Study Process

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Project Background

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Ronmor Holdings Inc., Shane Communities, and Qualico Communities have partnered with The City of Calgary (The City) and will be coordinating with adjacent jurisdictions including Rocky View County (The County) and Alberta Transportation and Economic Corridors (TEC) to develop a functional plan for 160 Avenue NW from Highway 772 / Shaganappi Trail NW, to 24 Street NW / Panorama Road NW. ISL Engineering and Land Services has been retained to lead the development of the functional plan and conduct public engagement.

The recommendations from the functional plan will include a new roadway at 160 Avenue NW that connects to Shaganappi Trail NW / Highway 772, Mountain View Road NW, and 24 Street NW / Panorama Road NW and to planned development in the Glacier Ridge ASP area.

The functional plan will include recommendations for:

- intersection designs at key locations
- active transportation infrastructure (e.g., shared-use path)
- safety and best practices for all travel mode users

Planned development in new neighbourhoods located in the study area were approved by The City as part of the Glacier Ridge ASP.



Evaluation Process

The following criteria will be used to evaluate the options and support the team to select and refine the recommended plan.

Research and best practices to inform the most effective designs.

Policies and plans that influence the project.



Engagement with the public, internal departments, and external interest holders.

Budget and funds set aside for project expenses.

Why are we doing this work?

The City uses Area Structure Plans (ASPs) and Functional Planning Studies (FPS) to guide how new communities are planned on undeveloped land within the city boundary.

The 160 Avenue NW FPS, builds on prior and ongoing planning work in the area, including the **Glacier Ridge ASP**, approved by City Council in 2015 and the **North Central ASP** under development.

The 160 Avenue NW FPS focuses on the portions of 160 Avenue NW and Mountain View Road NW shown on the Study Overview Map. The FPS will provide important information including land requirements and cost to support the future design and construction of these roadways.

Separate planning work is underway to consider future traffic movements and volumes beyond the 160 Avenue NW FPS area. The City will share future plans with The County such as Traffic Impact Assessments, Area Structures Plans, etc. for projects near the City/County boundary.

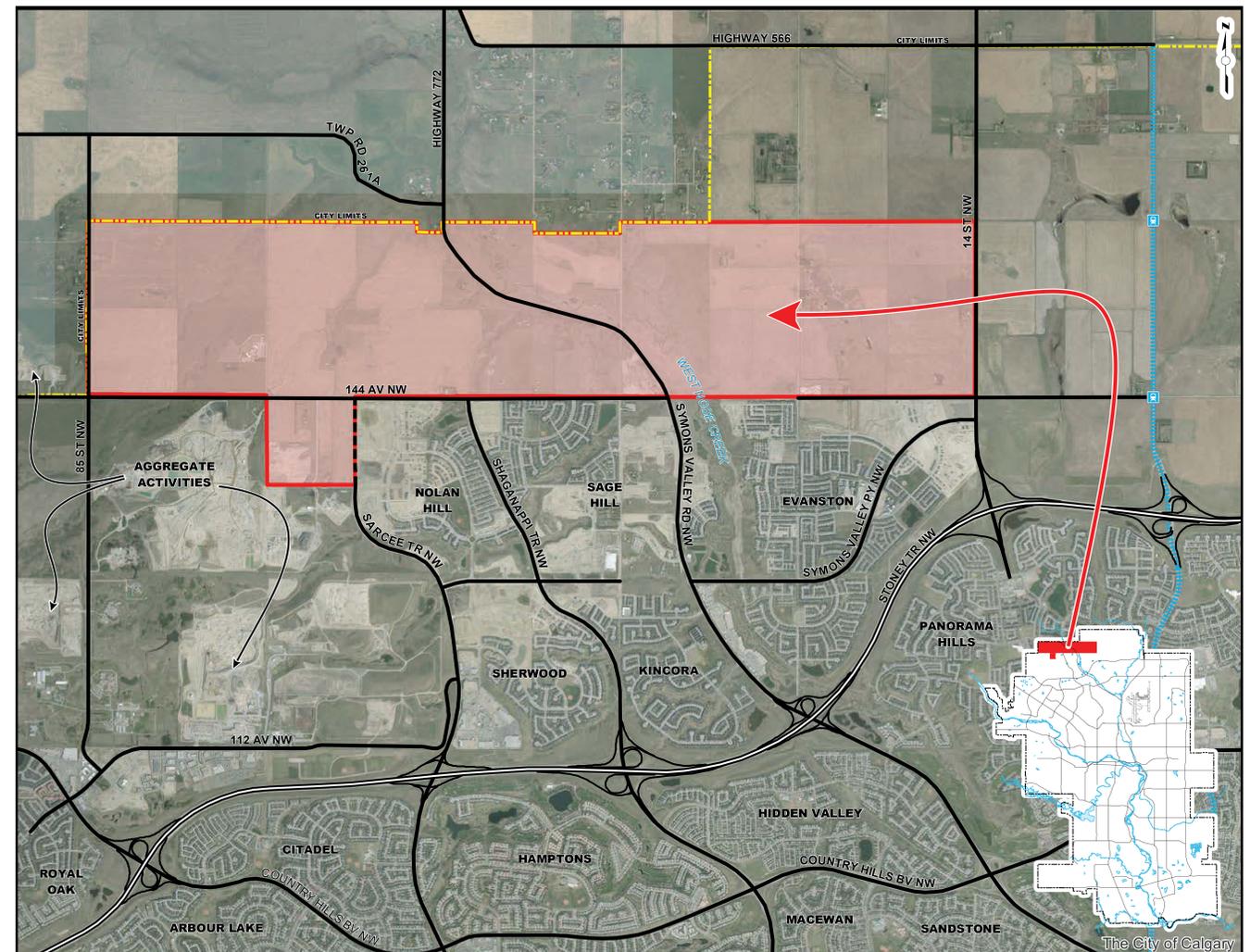
An ASP shows what is planned in an area. This includes how the lands will be serviced, the type and location of development that can be built, and connections within and between adjacent communities.

A FPS shows how the infrastructure will work. This includes what type of roadways, intersections and multi-modal connections are needed, how much land is needed for new and upgraded connections, and the cost.

Glacier Ridge Area Structure Plan(ASP) highlights:

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- The 160 Avenue NW FPS will support access to the residential neighbourhoods in the Glacier Ridge ASP area shown on the map.
- The area within the Glacier Ridge ASP will include mostly residential development with some community commercial.
- The Glacier Ridge ASP was approved by The City of Calgary in 2015.
- The new roadway for 160 Avenue NW will provide multi-modal connections to new residential communities in the ASP area and connect to Shaganappi Trail NW / Highway 772, Mountain View Road NW, and 24 Street NW / Panorama Road NW.
- The FPS is the next step towards finalizing requirements for the new roadway for 160 Avenue NW.
- For more information about the Glacier Ridge ASP, visit calgary.ca/160AveNW

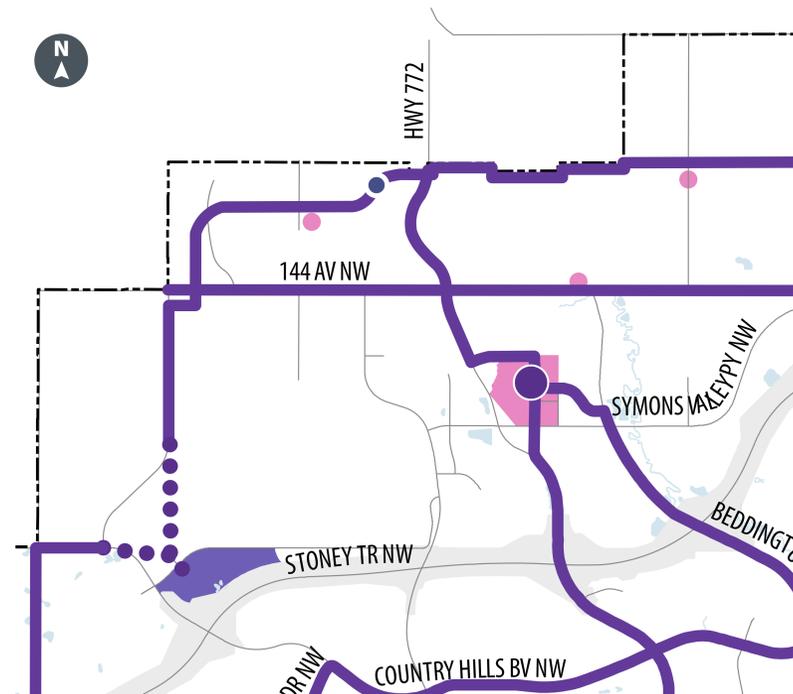


ASP AREA MAP

Calgary Transportation Plan Highlights

The Calgary Transportation Plan (CTP) highlights the transportation network for the Glacier Ridge ASP and the connection to 160 Avenue NW.

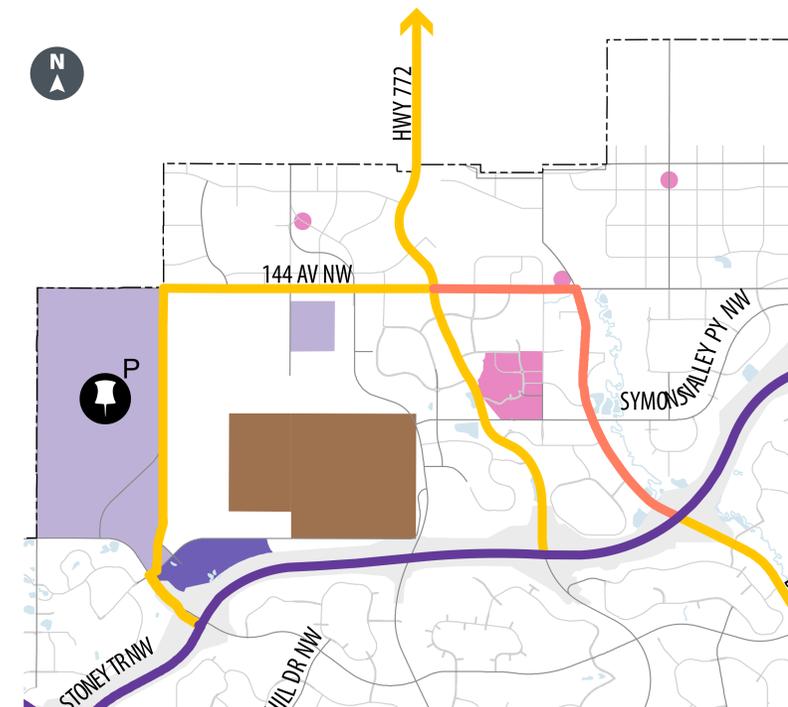
PRIMARY TRANSIT



Legend

- PrimaryTransitNetwork_2020
(Frequent, Fast, Reliable, Connected)
<10 min. Frequency, 15 hours/day, 7 days/week>
- Primary Transit Network (mode to be determined based on corridor development)
 - Primary Transit Network (dependent on supportive land use)
 - Connection to Route in Region

GOODS MOVEMENT



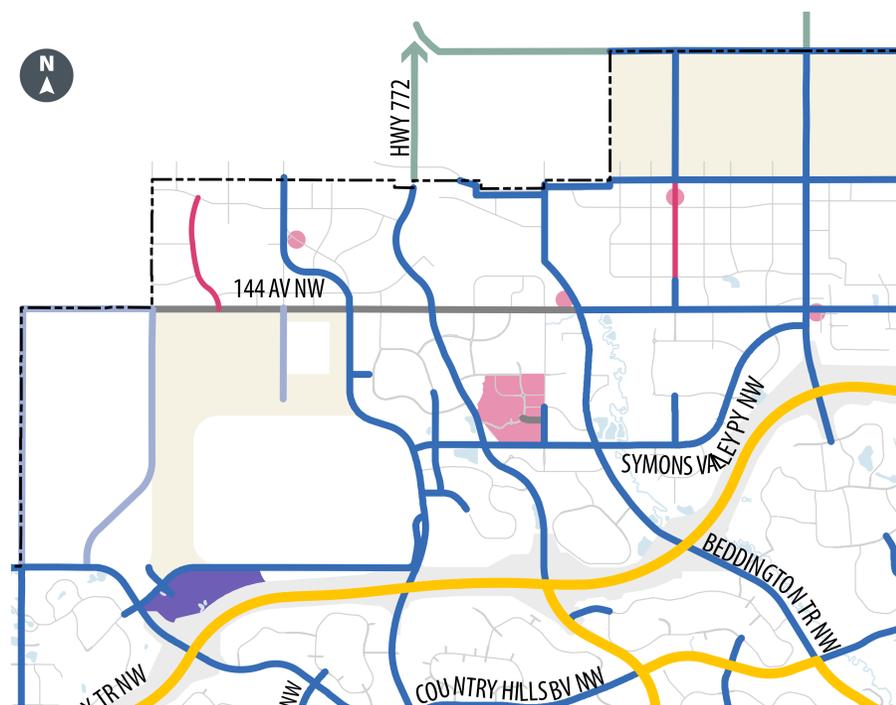
Legend

- Primary Goods Movement Network
- Main Goods Movement Corridor
 - Supporting Goods Movement Corridor
 - Emerging Goods Movement Corridor

Calgary Transportation Plan Highlights

The Calgary Transportation Plan (CTP) highlights the transportation network for the Glacier Ridge ASP and the connection to 160 Avenue NW.

STREET NETWORK

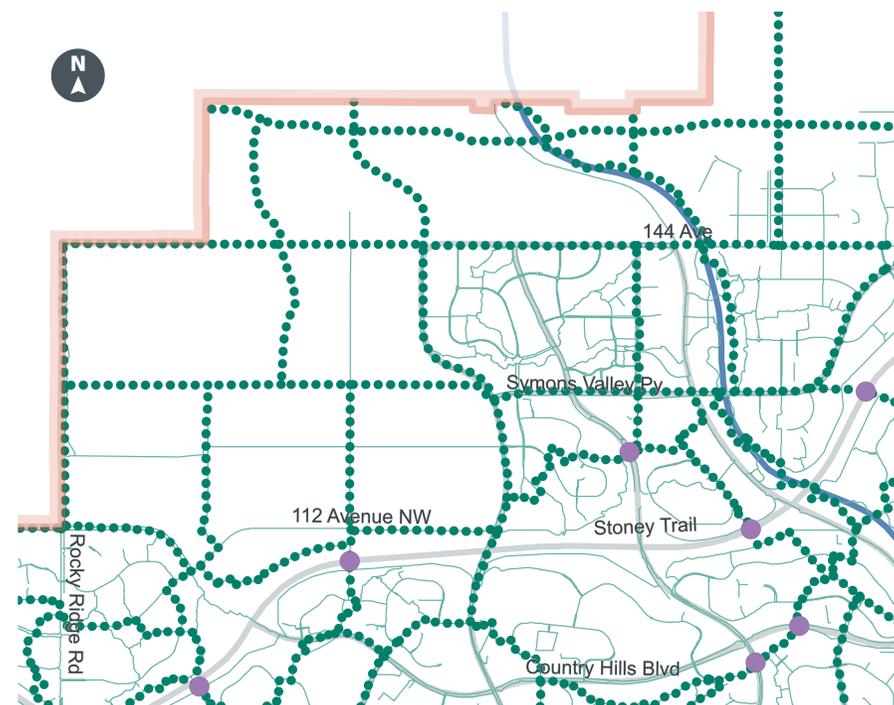


Legend

Roads and Street Network

- Skeletal Road
- Arterial Street
- Urban Boulevard
- Industrial Arterial
- Neighbourhood Boulevard
- Parkway
- Roadway within City limits (To be classified through future local area plans)
- Roadway outside City limits
- Connection to Route in Region
- Collector Roads
- Transportation/Utility Corridor
- City Limits

WHEELING NETWORK

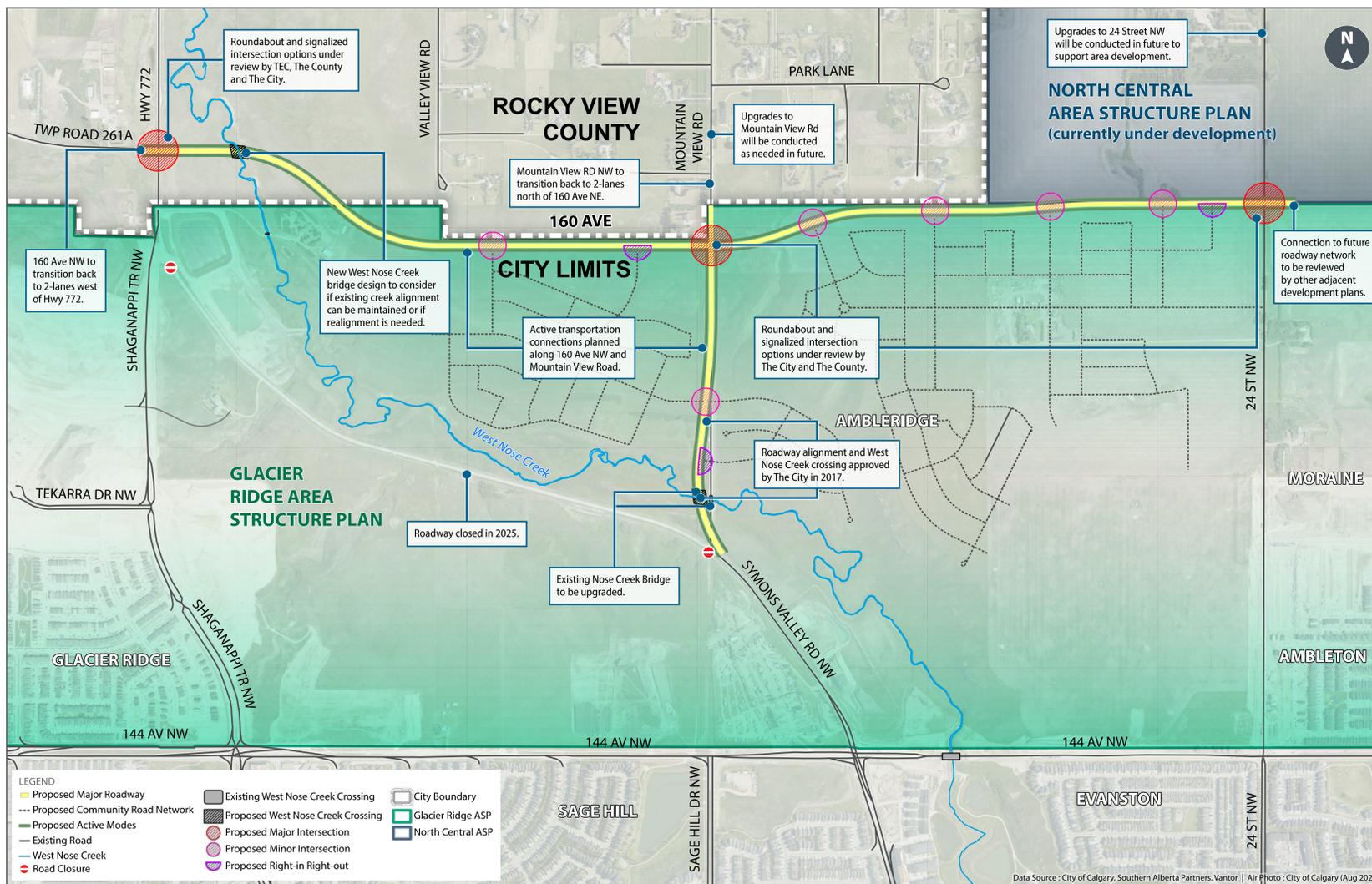


Legend

- City boundary
- ⋯ Major wheeling network
- Supporting wheeling network
- Pedestrian/wheeling structure
- Major roads
- Greater Downtown
- Majors parks
- Water

Study Area Options

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This project will confirm details for two new and upgraded roadways within the Glacier Ridge ASP.

- **160 Avenue NW** is planned as a 4-lane road extending east and south from Highway 772 and Township Road 261A.
- **Mountain View Road NW** will be widened to 4-lanes between Symons Valley Road NW and 160 Avenue NW. The general alignment of Mountain View Road NW within the City limits, was approved by The City in 2017.

Three types of intersections are planned to connect future communities in the area.

- **Major intersections:** provide full all directions access at key connection points between major roads and the broader city road network.
- **Minor intersections:** provide full all directions access to the communities.
- **Right-in / Right-Out intersections:** allow vehicles to enter and exit communities using right turns only, helping maintain traffic flow on busy roads.

Staged approach to construction:

- Roads and intersections may be built in stages. In the short-term, some roads may be built with fewer lanes and some intersections may start with stop signs.
- As development continues and traffic increases, these facilities can be widened and upgraded.

A number of options will be evaluated as part of this study:

- **Intersections:** could be stop signs, traffic signals or roundabouts.
- **Active Modes:** walking and cycling facilities within the road right-of-way, including pathways, sidewalks, and bike lanes.
- **Creek Crossings:** bridges are planned where roads cross West Nose Creek. The crossing types for smaller creeks are under review.
- Technical work to confirm future traffic volumes is underway and will be shared in round 2 of engagement.
- Any land requirements associated with the study will be shared in round 2 of engagement.



Other area plans and projects

- **Glacier Ridge ASP** is located in the area between 85 Street NW, 14 Street NW, 144 Avenue NW, and 160 Avenue NW. This ASP was approved in 2015.
- **North Central ASP** to be developed in the future for the area between 160 Avenue NW, Highway 566, the City limit to the east of Mountain View Road, and east of 6 Street NE.
- **Symons Valley Ranch Redevelopment** is located at the west corner of Symons Valley Road and 144 Avenue NW.
- **Green Line LRT** includes a station at 144 Avenue N and Centre Street N as part of future plans for the Green Line expansion.
- **Symons Valley Centre** is located at 251 Sage Hill Boulevard NW and includes a Public Library, Bus Rapid Transit hub, and other site development opportunities.
- **144 Avenue North Bus Rapid Transit (BRT) Study** includes the exploration of a new BRT route along 144 Avenue to connect the future Symons Valley Transit Terminal and support area communities.
- **North Calgary Water Servicing** project includes the construction of a 22 kilometre water feeder main and support facilities that connects from the Bearspaw Water Treatment Plant Near Stoney Trail and Nose Hill Drive and the Northridge feeder main at 144 Avenue NW and 14 Street NW.
- **Transportation Plan** is a long-range plan that provides policy direction for how The City will deliver transportation options to Calgarians for the next 60 years.
- **Goods Movement Strategy** guides transportation investment decisions over the next 30 years.

Next Steps

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How will public feedback be used?

- The project team will prepare a What We Heard report summarizing all feedback from engagement.
- Your input will help us develop the recommended plan for this study.

For more information, visit calgary.ca/160AveNW or email info@islengineering.com

Thank you for your interest.

Please take a moment to provide your feedback at the open house event or online. Your feedback will help us develop the recommended plan and improve our future engagement.



What's next?

Phase 2 (May/June 2026) - Presentation of the recommended plan

For project updates or more information, visit calgary.ca/160AveNW or email info@islengineering.com

