

TERWILLEGAR DRIVE EXPANSION

Edmonton

Spring 2022

Terwillegar Drive is being upgraded in three stages to reduce congestion and provide current and future users, including those who drive, walk, bike and take transit, a safe and efficient route. Roadway construction is underway and is anticipated to take approximately five years to complete.

Construction Update

Stage One: Terwillegar Drive between Anthony Henday Drive and Whitemud Drive

Construction on Stage One, which includes widening Terwillegar Drive to four lanes in each direction, progressed well in 2021. Widening work on the median side of Terwillegar Drive northbound and southbound is now complete north of Rabbit Hill Road. The new alignment of 40 Avenue across Terwillegar Drive was built, new realigned traffic signals were installed and traffic is operating on the widened portion of the new roadway in some areas.

Construction will begin in April or May 2022. Construction over the next year includes:

- + The widening median side of Terwillegar Drive from Rabbit Hill Road to south of Haddow Drive including tie-ins to crossing roadways.
- + The construction of new alignment of Terwillegar Drive and two new intersections at Haddow Drive.
- + The removal of temporary road along median side and original 40 Avenue / Bulyea Road alignment.

- + The adding of a shared-use path north of 40 Avenue / Bulyea Road and from Rabbit Hill Road south to Thibault Park in South Terwillegar.
- + The upgrading street lighting / traffic signals and installing pedestrian lighting on shared-use path.
- + The adding of retaining walls, where required, for shared-use path.
- + The naturalized seeding of disturbed areas. Enhanced landscaping and tree planting following roadway construction.
- + The adding of pavement markings and permanent signage along Terwillegar Drive and at intersections.

Stage Two: Whitemud Drive and Interchange Upgrades

Utilities relocation for site preparation along Whitemud Drive will begin in summer 2022. Construction is currently anticipated to begin in fall 2022/spring 2023.

Stage Three: Anthony Henday Drive Interchange Upgrades

Pre-construction investigations, including geotechnical investigation, survey and utility locating are anticipated to take place in summer 2022. Construction is expected to begin in fall 2023 or 2024.

Traffic Impacts

On Terwillegar Drive, two lanes will remain open in each direction for traffic during construction. On Whitemud Drive and Anthony Henday Drive, all lanes are expected to remain open. No major detours will be required in 2022, although there may be impacts to traffic flow during off-peak hours, as well as at intersections when necessary. Please drive carefully and follow all posted signage through construction areas.

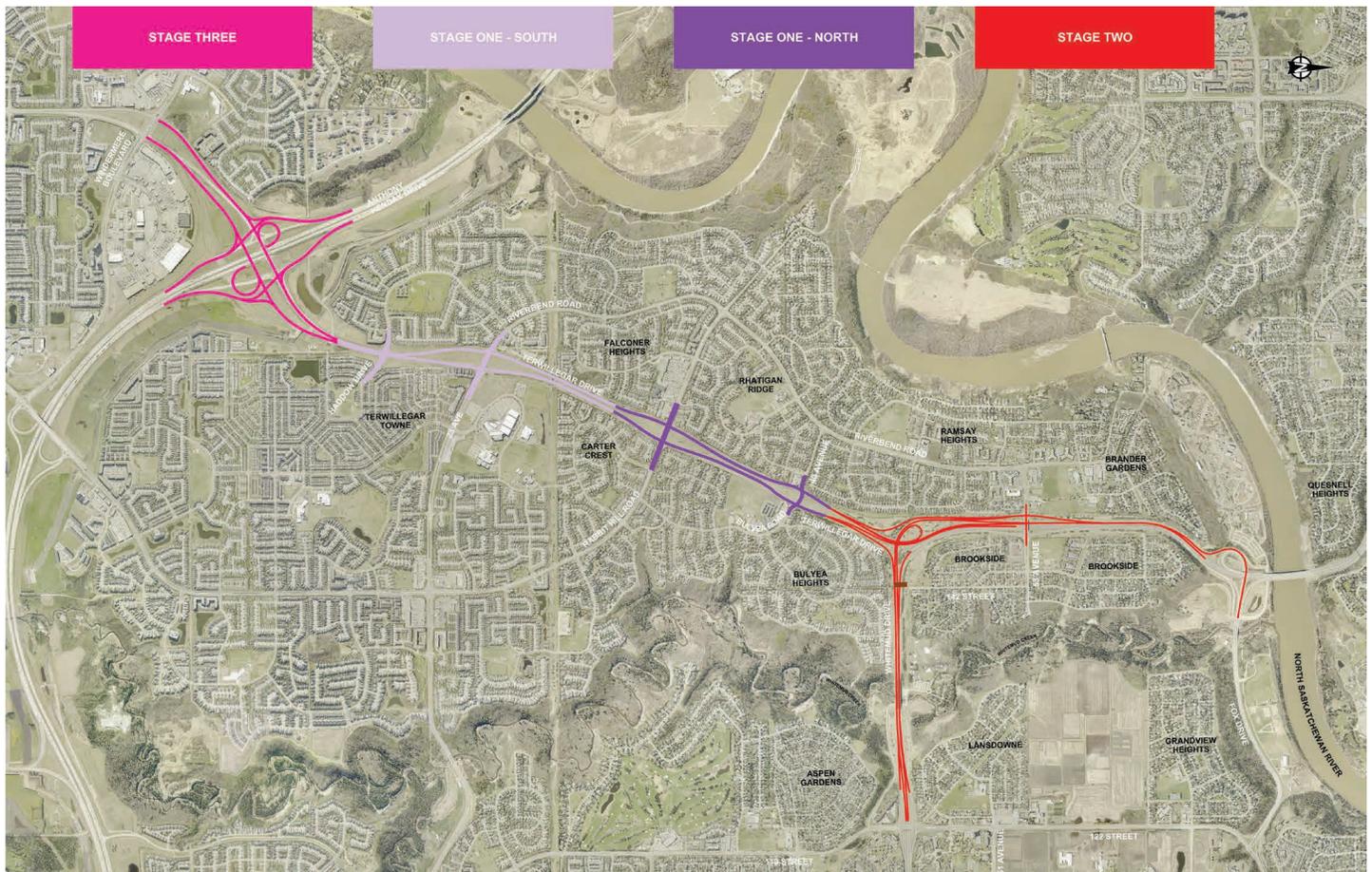
Tree Removal

Approximately 14 trees will be removed along the centre median of the east section of Rabbit Hill Road to prepare for construction. In addition, approximately 24 trees will be removed on the north side of the east section of Haddow Drive.

Trees will be removed in fall 2022 in the Whitemud Creek area in preparation for the Rainbow Valley bridge widening and construction of the new shared-use path bridge. Other trees will be removed in future years in advance of roadway and retaining wall construction for Stage two.

Tree and shrub planting at selected locations throughout the corridor will take place when roadway construction is complete.

TERWILLEGAR DRIVE EXPANSION PROGRAM STAGES



STAGE	DETAIL	Events/information
Stage One	<ul style="list-style-type: none"> + Widening Terwillegar Drive to four lanes in each direction between Anthony Henday Drive and Whitemud Drive (three lanes for motor vehicles and one lane for transit), intersection upgrades, bus stop upgrades, and shared-use path on the east side of the corridor. + Construction: Spring 2021 to 2023 	<p>Online Construction Information Session April 19, 2022 6:30 – 7:30 p.m.</p>
Stage Two	<ul style="list-style-type: none"> + Whitemud Drive and Interchange Upgrades + 142 Street Pedestrian/Cyclist Bridge + Construction: Anticipated start fall 2022/spring 2023 + Pedestrian/Cyclist Bridge: Anticipated to start in 2023 or 2024 	<p>Pre-construction Information Session Summer 2022 (Date TBD)</p>
Stage Three	<ul style="list-style-type: none"> + Anthony Henday Drive Interchange Upgrades + Widening Terwillegar Drive each direction (three lanes for motor vehicles and one for transit) and shared-use path on the east side of the corridor + Construction: Anticipated to start in 2023 or 2024 	<p>Online Presentation and Live Q&A April 26, 2022 6:30 – 7:30 p.m.</p>

Terwillegar Drive Expansion Program Update

Stage Two: Whitemud Drive and Interchange Upgrades

Stage Two builds on Stage One, including additional upgrades to increase the capacity of Terwillegar Drive, improve safety, accommodate current and planned transit services, and enhance existing active transportation connections. When combined with Stage One and Three, the upgrades will help to build out Edmonton's active transportation and transit networks and connect southwest Edmonton to surrounding destinations. Construction is set to begin fall 2022 / spring 2023.

Stage Two is anticipated to include the following:

- + Widening and rehabilitating the Rainbow Valley Bridges: four lanes in each direction
- + Whitemud Drive/Terwillegar Drive interchange upgrades, including ramp twinning
- + Whitemud Drive widening to four lanes in each direction: Terwillegar Drive to 122 Street
- + Southbound transit-only lanes between Fox Drive and Terwillegar Drive

- + Active transportation:
 - + Separated pedestrian/cyclist bridge over Whitemud Creek, parallel to Rainbow Valley Bridge
 - + Shared-use path upgrades from 122 Street to 142 Street
- + Retaining walls, where required, along Whitemud Drive and in the interchange
- + Tree removals for roadway widening with new trees and plantings to be added following construction.



Rendering of future Rainbow Valley bridges facing west.

142 Street Pedestrian/Cyclist Bridge

The new pedestrian / cyclist bridge will cross Whitemud Drive and provide a connection between the neighbourhoods of Brookside and Brookview at 142 Street.



Rendering of pedestrian / cyclist bridge over Whitemud Drive facing west.

The bridge is now in the detailed design stage with construction planned as part of Stage Two. The timing for construction of the bridge will be confirmed during detailed design.

View the recent [What We Heard](#) report from the fourth round of public engagement, Fall 2021, online at edmonton.ca/TerwillegarDrive

Construction staging and planning is underway as part of detailed design. Neighbourhood residents will have the opportunity to learn more about construction plans during a pre-construction information session planned for summer 2022.

Whitemud Drive is a significant barrier to a planned district connector route identified in the Bike Plan and the City Plan. A new pedestrian/cyclist bridge will help resolve this barrier, enhancing access and connectivity for walking, cycling and rolling in southwest Edmonton and city-wide. Edmonton's active transportation network is essential to achieving the outcomes of the City Plan and goals of ConnectEdmonton, Edmonton's strategic plan.



Stage Three: Anthony Henday Drive Interchange Upgrades

Planning for Stage Three is now underway in collaboration with Alberta Transportation. The previous interchange planning study (2011) is being updated to confirm the optimal interchange design and to tie the project into Stage One. The project will increase operational capacity, improve traffic safety and level of service on Terwillegar Drive, and accommodate all users safely and efficiently. With these upgrades, the full program benefits will be realized. The design will include:

- + Upgrades, including widening, to Terwillegar Drive/170 Street from south of Haddow Drive to Windermere Boulevard.
- + Interchange upgrades, including a new northbound bridge and ramp improvements.
- + A **shared-use path**, along the east side of the corridor, crossing Anthony Henday Drive and connecting Haddow, Terwillegar South and Terwillegar Towne on the north (Stage One shared-use path) to Windermere and Ambleside on the south.
- + The design includes **dedicated transit lanes** from Windermere Boulevard across the interchange to match the dedicated transit lanes currently being constructed on Stage One.

Attend our upcoming Online Presentation and Live Q&A on April 26, 2022, to learn more and provide your thoughts on the active transportation and transit connections through our online survey at edmonton.ca/TerwillegarDrive live April 26 to May 17.



Current draft concept

Transit Upgrades

Upgrades along the corridor support current transit services and the planned transit network outlined in the City Plan, improving connections between southwest Edmonton to major destinations in the City. The expansion includes the extension of rapid bus transit services between Ambleside and South Campus LRT Station.

Upcoming Public Online Sessions

Stage One

Let's talk construction

Ask questions about Stage One construction which picks up this spring.

April 19, 2022 | 6:30–7:30 p.m.

Online (registration required)

Stage Two

Watch for details about this event to be held in summer 2022

Stage Three

Learn and ask questions about the new Terwillegar Drive / Anthony Henday Drive Interchange including active transportation connections and transit lanes.

April 26, 2022 | 6:30–7:30 p.m.

Online (registration required)

Provide your comments online April 26 to May 17, 2022.

Registration and survey: edmonton.ca/TerwillegarDrive



STAY INFORMED

For more information or to sign up to receive project email updates including notifications of future engagement opportunities:

Online: edmonton.ca/TerwillegarDrive

Call: 311

The logo for the City of Edmonton, featuring the word "Edmonton" in white text on a dark blue rectangular background.