

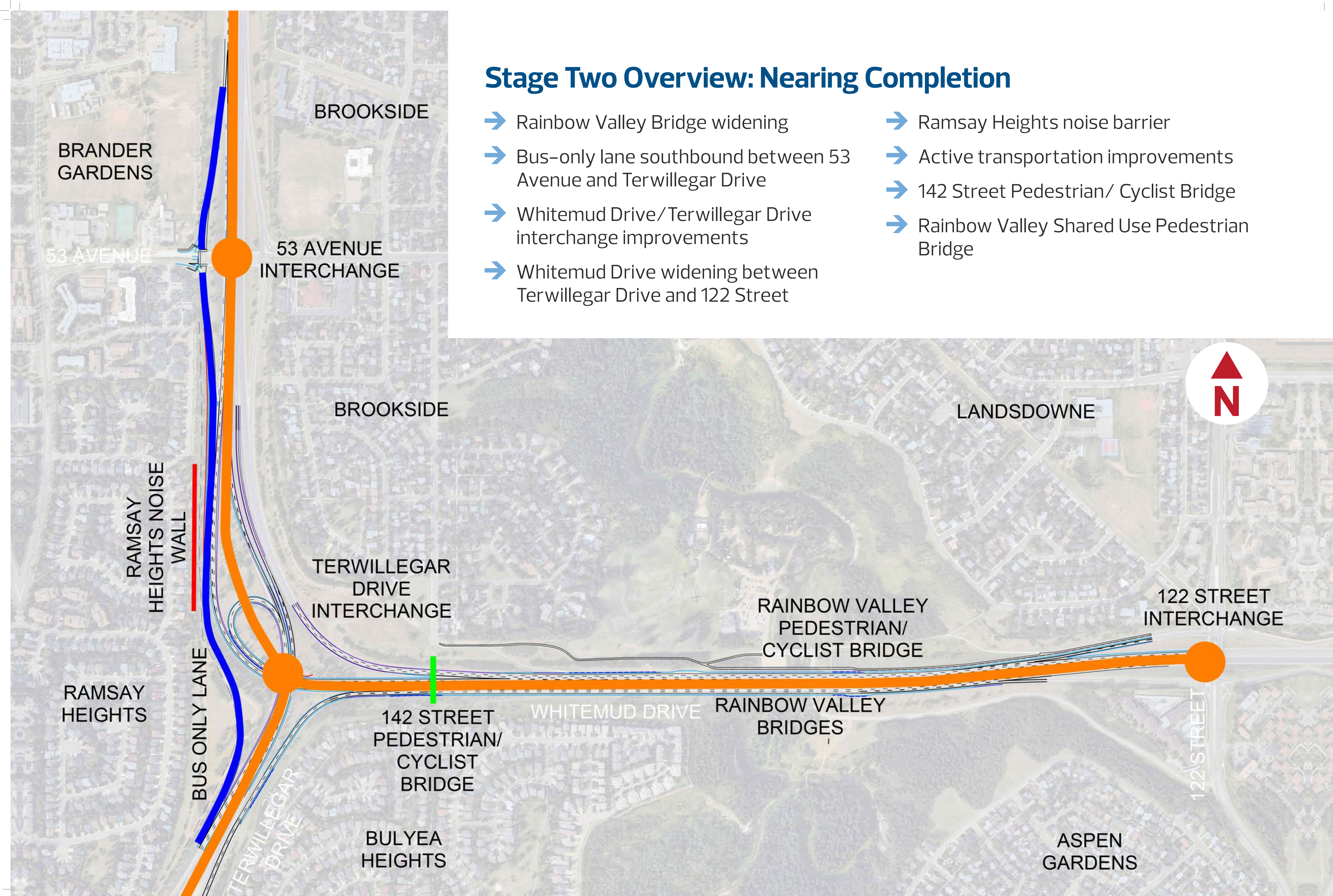
Terwillegar Drive Expansion Stage Two:

Whitemud Drive and Interchange Upgrades



Stage Two Overview: Nearing Completion

- ➔ Rainbow Valley Bridge widening
- ➔ Bus-only lane southbound between 53 Avenue and Terwillegar Drive
- ➔ Whitemud Drive/Terwillegar Drive interchange improvements
- ➔ Whitemud Drive widening between Terwillegar Drive and 122 Street
- ➔ Ramsay Heights noise barrier
- ➔ Active transportation improvements
- ➔ 142 Street Pedestrian/ Cyclist Bridge
- ➔ Rainbow Valley Shared Use Pedestrian Bridge



Stage Two: Construction Timelines

Construction Plans – Vehicle Traffic 2026

- Rainbow Valley Bridge Eastbound rehabilitation and widening
- Eastbound Whitemud Drive Widening and renewal
- Finishing touches such as final paving, landscaping and warranty work

Active Modes Traffic 2026

- Rainbow Valley shared path bridge replaces the former sidewalk on the Westbound bridge. Open in summer 2026
- The 142 Street Pedestrian/ Cyclist bridge will cross Whitemud Drive and provide a new connection between Brookside and Brookview at 142 Street. Open in summer 2026



Learn more by going to: edmonton.ca/terwillegardrive

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Overall Traffic Impacts

- On Whitemud Drive, two lanes will remain open in each direction during peak hours. There will be impacts to traffic flow during off peak hours as necessary.
- In 2025, eastbound Rainbow Valley Bridge was closed. Two-way traffic will be on westbound Rainbow Valley Bridge until summer of 2026.
- Following the completion of work on the eastbound Rainbow Valley bridge, staged lane closures on both directions of Whitemud will be used to complete final barrier construction and paving.
- There may be ramp closures at night when required



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Active Transportation: Complete in summer 2026

Rainbow Valley Shared Path

- Upgrades to the existing shared path between 122 Street and 142 Street

Rainbow Valley Pedestrian/ Cyclist Bridge

- Active modes users will be moved away from live traffic



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142 Street Pedestrian / Cyclist Bridge: Complete in summer 2026

- New pedestrian/cyclist bridge over Whitemud Drive near 142 Street, green space enhancements at connector sides (construction started in 2024)
- The new bridge will be open for public use by the end of summer 2026



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Transit Upgrades – Bus-Only Lane

Construction included:

- Retaining wall construction in 2024/25
- Segregated bus-only lane from 53 Avenue to Terwillegar Drive in 2025
- Bus-only signals at 53 Avenue west ramp intersection
- Watch for information from ETS on future service



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Whitemud Drive Widening and Upgrades

- Whitemud Drive will be widened to four lanes in each direction between Terwillegar Drive and 122 Street.
- Widening of mainline Whitemud Drive was completed on the westbound lanes in 2024 and the eastbound lanes widening is in progress
- Widening and realignment of the 122 Street west on-ramp was completed in August 2023.



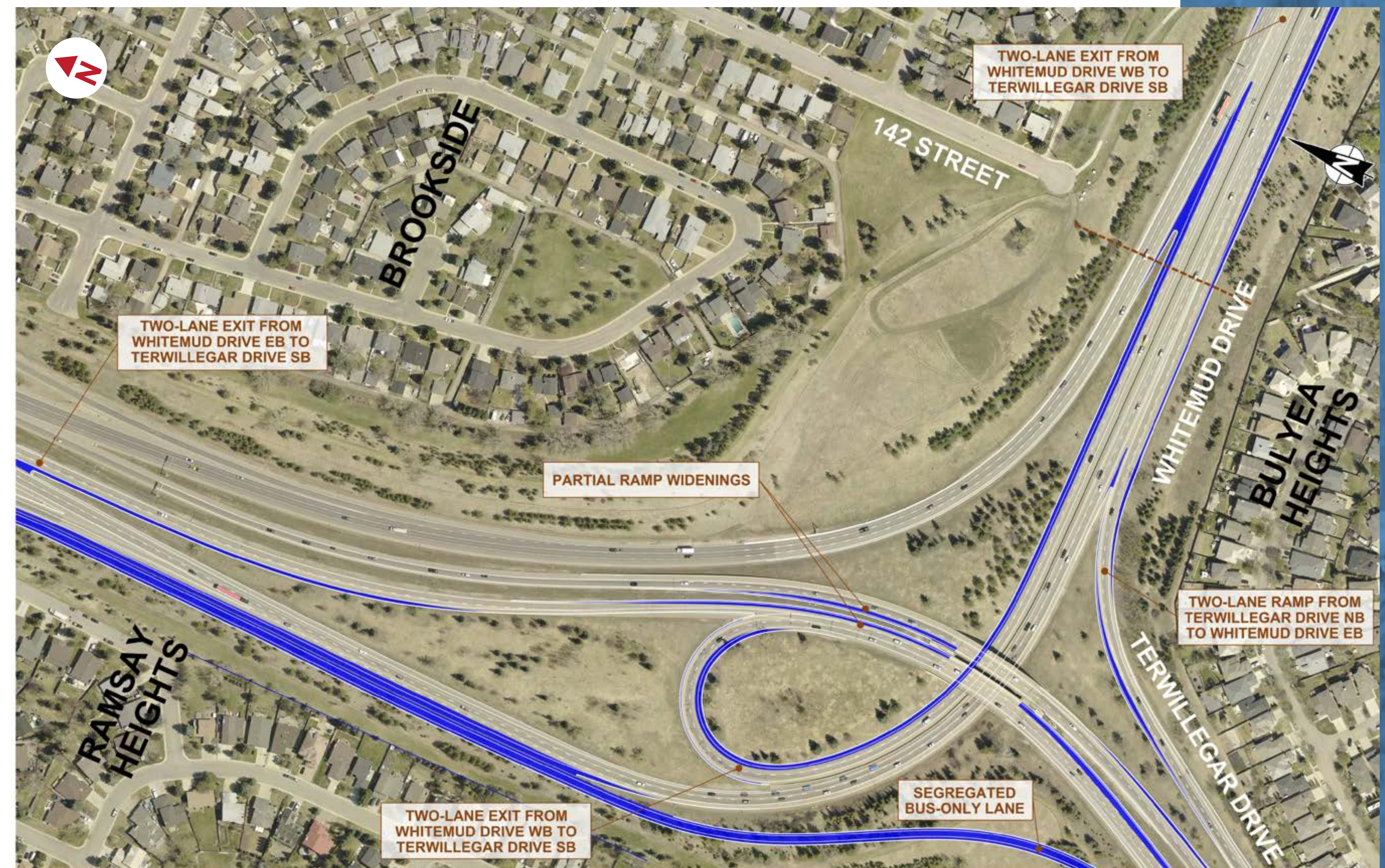
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Whitemud Drive/Terwillegar Drive Interchange: Complete

Construction includes:



- ➔ Widening the westbound Whitemud Drive to southbound Terwillegar Drive loop ramp complete in 2024
- ➔ Widening the northbound Terwillegar Drive to eastbound Whitemud Drive ramp is complete, with two retaining walls complete as well. Final paving to be complete this summer.
- ➔ Partial ramp widening: northbound Terwillegar Drive to northbound Whitemud Drive, and southbound Whitemud Drive to southbound Terwillegar Drive is complete. Final paving and barrier work to be complete this summer.

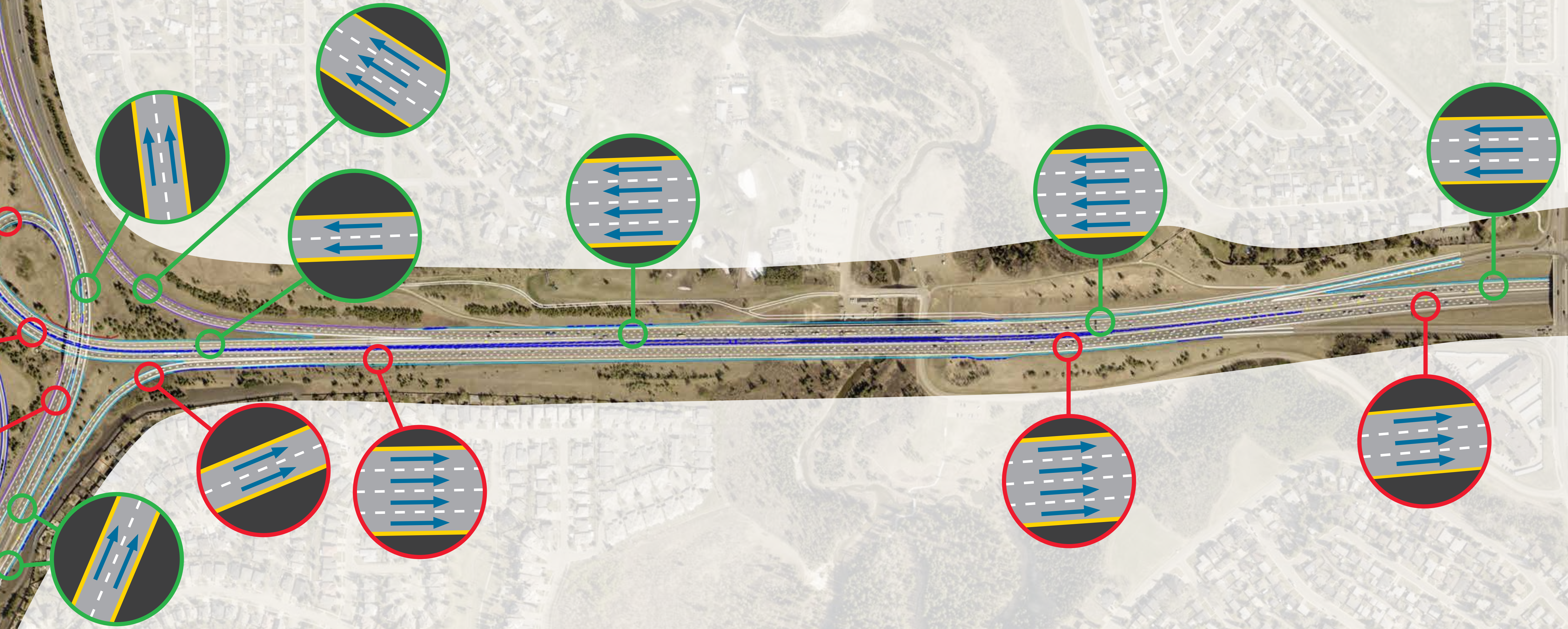
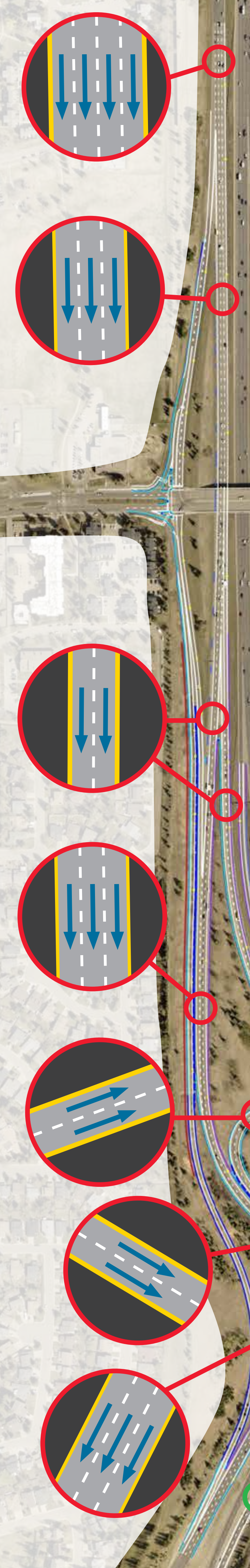


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Final Laning

Southbound/Eastbound 
Westbound/Northbound 



What to Expect During the 2026 construction season?

Although most of the work on Stage 2 is complete, some final ongoing work will remain in the area.

Final paving work will require staged closures on Whitemud Drive, Terwillegar Drive, and ramps. Traffic patterns will vary during this time, with signage and barricades used to communicate these changes to traffic flow.

You may notice:

- Construction noise and vibration from equipment
- Traffic slow down
- Potential for dust and dirt on the roadway in the construction area
- Construction will occur Monday through Saturday with some overnight work as needed. Work on Sunday will only occur when necessary. Residents in the area will be informed of potential major disruptions if they are long term in duration.



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What You Will See in 2026: Landscape Design

- All disturbed areas are to be restored with 300mm depth topsoil and Dry Meadow Native Seed Mix.
- Naturalization Zone development includes bed excavation, topsoil, wood mulch, and whip tree (6,947) and shrub (14,461) plantings.
- Potted Stock Zones (deciduous/coniferous trees – 932) are concentrated around the Rainbow Valley Bridges and Whitemud Park parking lot expansion.
- All Naturalization and Potted Stock zones have been developed in plant community types to align with existing corridor species diversity and specific conditions along the corridor.
- All Naturalization includes seed collection and propagation from Alberta Provincial Seed Zone – Central Parkland (CP 1.1). This has included seed collection from along the corridor.

We value the city's urban tree canopy. The City is committed to growing, sustaining, maintaining, and protecting our urban forest. All proposed tree removals have been completed along the corridor and are to be compensated through the planting of 7,800+ native trees and 14,400+ native shrubs within the project area.

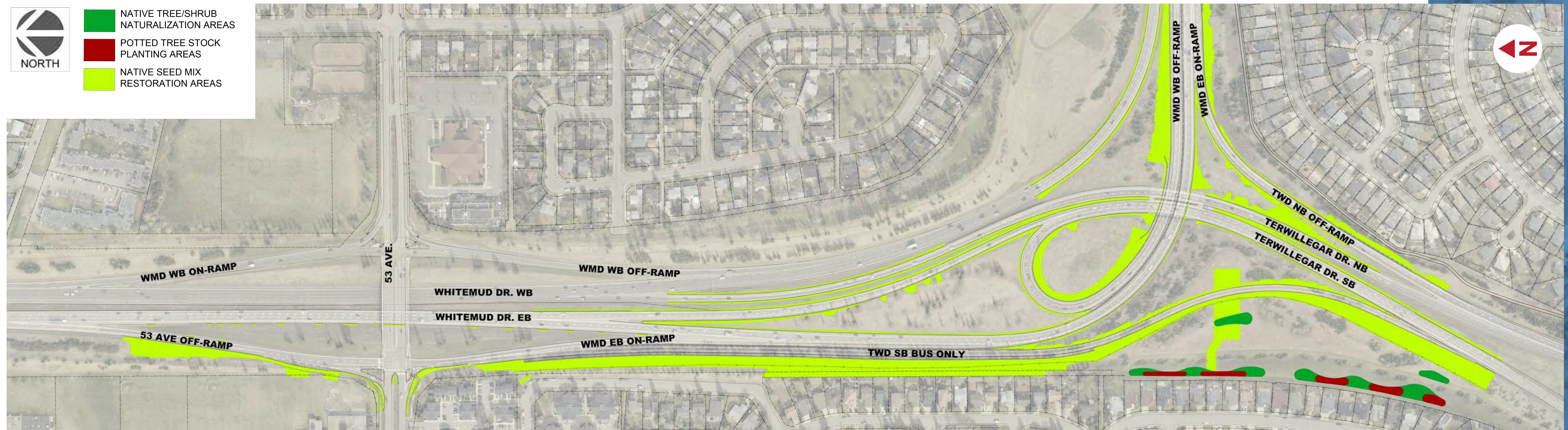


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Landscape Design

Terwillegar Drive and Whitemud Drive North-South

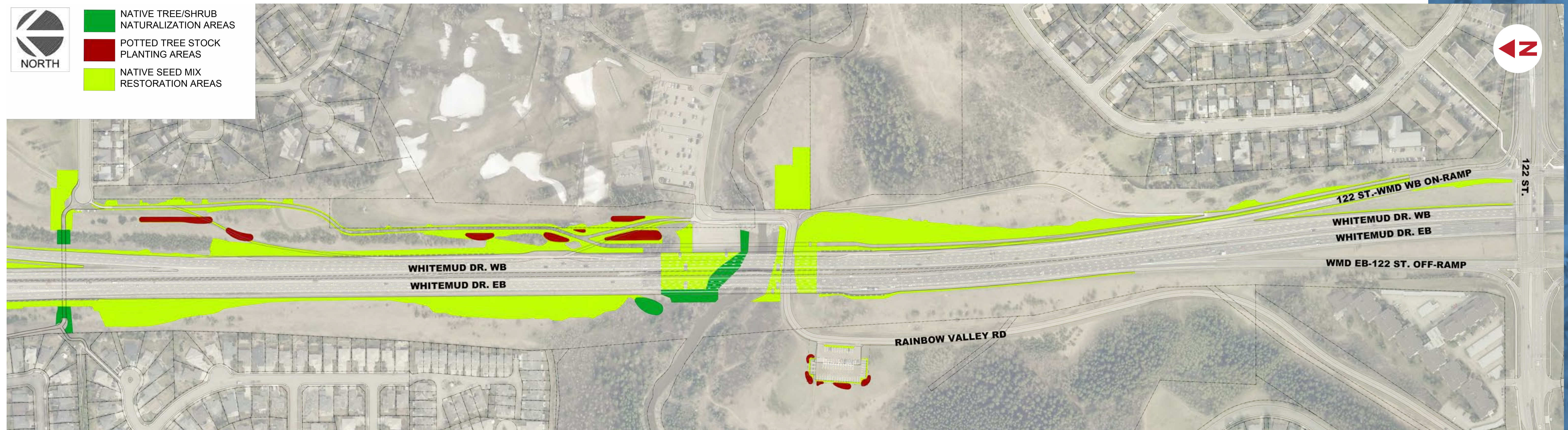


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Landscape Design

Whitemud Drive West-East



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