



Terwillegar Drive Expansion
Program Update
April 2021

Edmonton

Overview



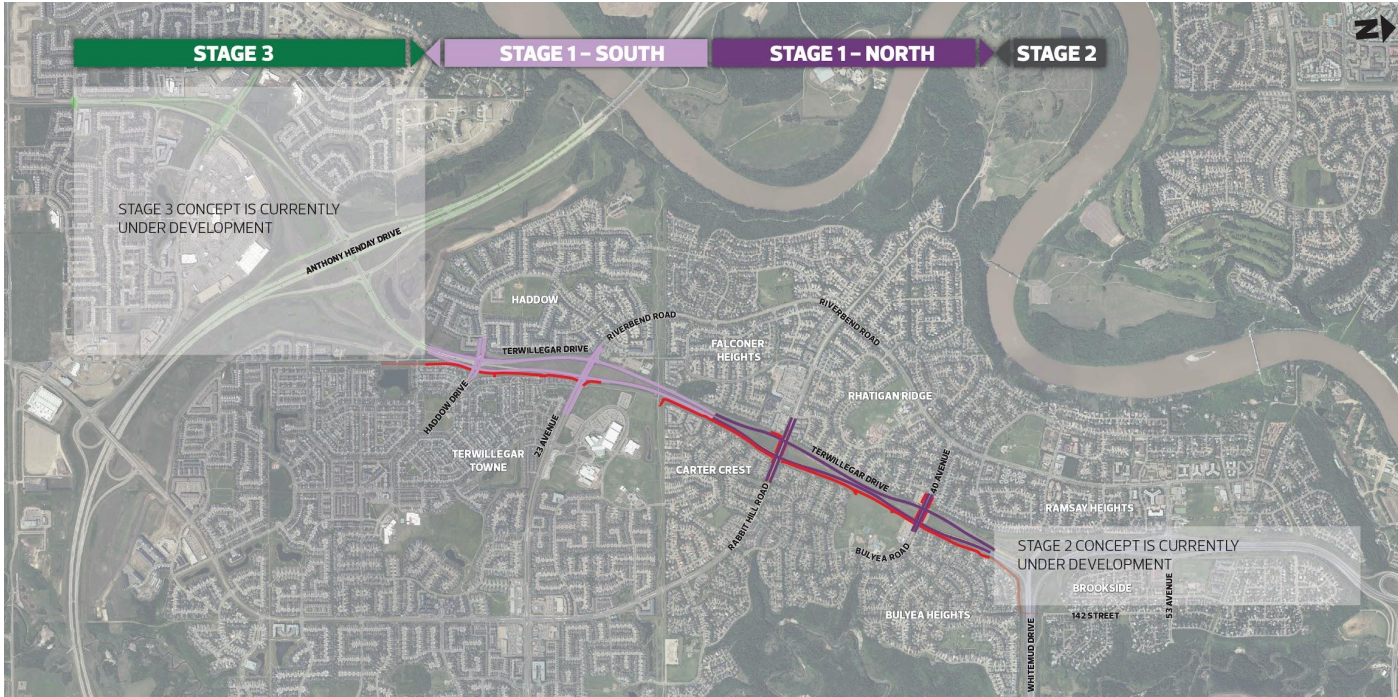
Program Purpose

- Major city building project
- Accommodate projected travel demand
- Alleviate congestion
- Accommodate all users safely and efficiently

Expansion Planning

- 1980s: Freeway plan
- Fall 2017: Concept Planning Study begins
- 2018: Development of the expressway plan and Urban Planning Committee Motion
- 2019/20: Funding approved for program from City and Province
- 2020: Pre-construction begins
- 2021: Construction on Stage 1 begins

Program Stages

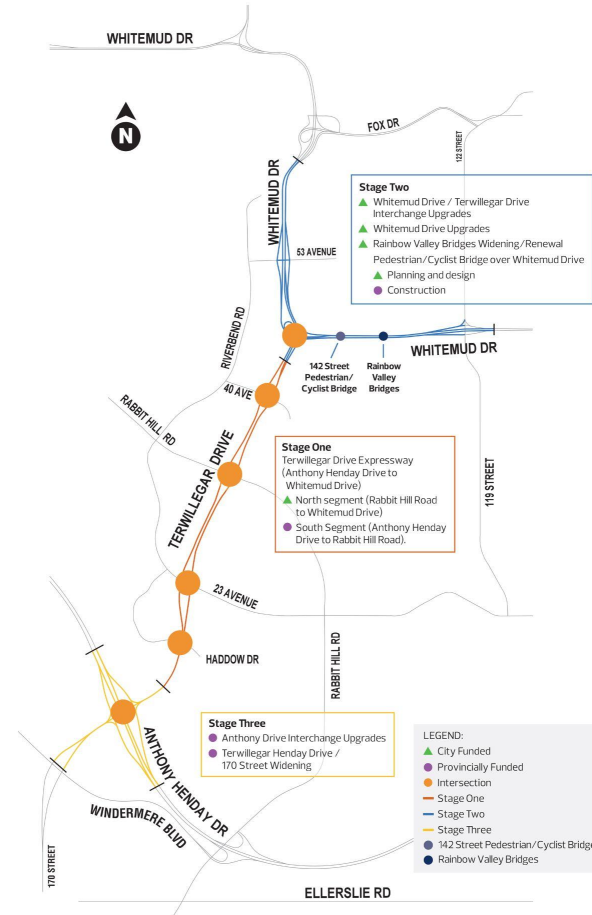


Program Schedule

Stage 1				
Project Description	Concept Planning	Preliminary Design	Detailed Design	Construction
Terwillegar Drive Expressway - Rabbit Hill Road to Whitemud Drive	COMPLETE	COMPLETE	COMPLETE	Underway (2022 Completion)
Terwillegar Drive Expressway - Anthony Henday Drive to Rabbit Hill Road	COMPLETE	COMPLETE	Underway (2021 Completion)	2021 - 2023
Stage 2				
Whitemud Drive / Terwillegar Drive Interchange Upgrades	COMPLETE	Underway (2021 completion)	2021 - 2022	2022/2023 ¹
Whitemud Drive Upgrades	COMPLETE	Underway (2021 completion)	2021 - 2022	2022/2023 ¹
Rainbow Valley Bridges - Rehabilitation / Widening	COMPLETE	Underway (2021 completion)	2021 - 2022	2022/2023 ¹
142 Street Pedestrian/Cyclist Bridge	Underway (2021 Completion)	2021 - 2022	2022/2023 ²	2025 ³
Stage 3				
Anthony Henday Drive Interchange Upgrades	2021	2021 - 2022	2022-2023	2023/2024 ¹

Program Funding

- All funds are in place
- Program funding is provided by the City of Edmonton (2019 - 2021 Capital Budget) in partnership with the Province of Alberta
- Stage 1: City and Province
- Stage 2: City and Province
- Stage 3: Province



Stage One

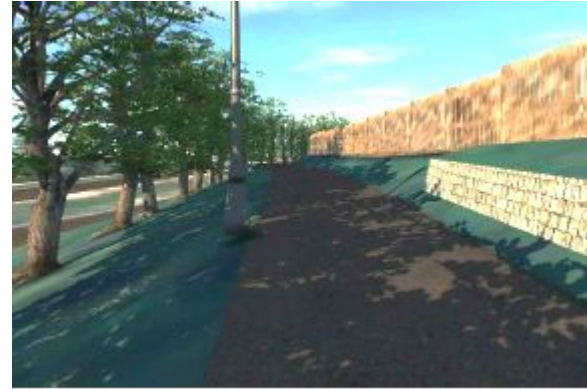
- Planned Improvements:
 - ◆ Terwillegar Drive widening
 - ◆ Intersection upgrades
 - ◆ Enhanced bus stops at all intersections
 - ◆ Shared-use path (east side)
 - ◆ Planned rapid-bus transit services



Image: draft Express Bus Stop Service

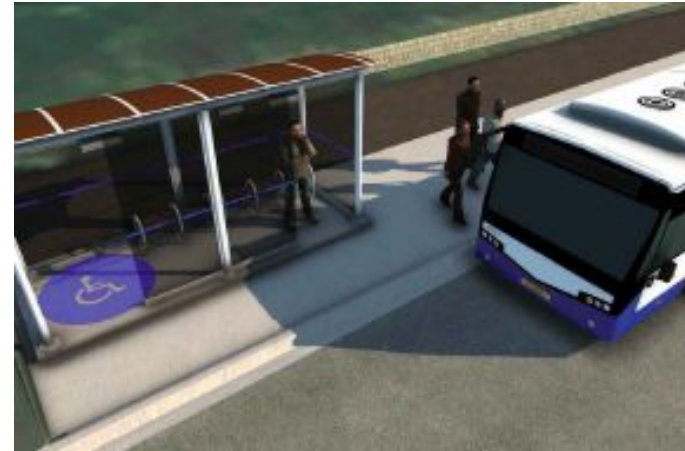
Shared-use Path

- Located between Terwillegar Drive and the existing fences
- Minimizes impacts to existing trees
- Includes connections to bus stops, commercial and residential areas and existing shared-use path network
- Lighting
- Retaining wall and railings as required



Bus Lanes and Stops

- One dedicated bus lane in each direction
- Segregated transit lanes have been replaced
- Enhanced bus stops at all intersections (northbound and southbound)
- Connections to shared-use path (east) and sidewalks (west) along corridor



Noise

- Noise study completed
- No additional noise mitigation is required as part of Stage 1



142 Street Pedestrian / Cyclist Bridge

- New pedestrian/cyclist bridge over Whitemud Drive near 142 Street
 - ◆ Cycling/walking community connections
 - ◆ Amenities and landscaping
- Need identified through the Terwillegar Drive Expansion, The Bike Plan and the City Plan
- Public engagement is underway



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