

Segment 3 - North Hill Centre Pedestrian Overpass to 14 Street N.W.

Key features include:

1. Raised median island at North Hill Centre access east of The Renaissance condominium to allow for dedicated eastbound left turn lane and prevents weaving of eastbound through traffic to reduce conflicts.
2. Cross section D-D: Street section view showing improvements with reference to existing condition. The cross section is looking east along 14 Avenue N.W., from east of the pedestrian bridge to North Hill Centre.
3. Multi-use (4.0 metres) pathway along north side. North side pathway avoids conflicts with higher westbound to southbound left turn traffic movements west of 19 Street N.W., overhead power lines, transit stops, provides direct connection to Riley Louise Library, North Hill Centre, and connects to future pathway across 14 Street N.W. bridge to SAIT/Jubilee/AUArts.
4. Up to 2 trees may require removal in front of Kal Tire.
5. Improved existing bus stop in front of Kal Tire by removing conflict with driveway and create a larger waiting area at the existing westbound bus stop. Pathway will run behind the bus stop platform to minimize conflict between pathway users and transit users. Maintain separate stopping area for buses that are out of main travel lane to allow for longer stops.
6. Eastbound bus stop connected to a pathway along the south side that will provide access across 14 Avenue N.W. to the North Hill Centre Mall, and also across 14 Street N.W. to SAIT/Jubilee/AUArts.
7. Raised multi-use crossing, at North Hill Centre/Indigo parking east access to provide better accessibility for east-west pedestrian/cyclist movement and slow vehicle turning speeds. Directional accessible ramps on the north side and south side of the intersection access.
8. Cross section E-E: Street section view showing improvements with reference to the existing condition. The cross section is looking east along 14 Avenue N.W., from west of 14 Street N.W. (west of intersection).
9. Opportunity to plant trees on the north side of 14 Avenue N.W. with the new boulevard area, creating a more comfortable space for pedestrians and cyclists. Additional opportunities for landscaping will be explored during detailed design and included where possible. Landscaping can improve air and water quality as well as support biodiversity.

10. Travel lanes reduced from 6 lanes to 3 lanes to align with the cross-section from the adjacent bridge rehabilitation project, reduce crossing distance for pedestrians/cyclists, reduce potential conflicts with traffic weaving, and provide space for enhanced pathway and landscaping areas.
11. Improved pedestrian and vehicle cross of LRT tracks with the removal of the right turn island removed on the southeast corner. Pathway connection to Lions Park will be improved to align with new crossing location. Additional opportunities for landscaping will be explored during detailed design and included where possible.
12. Right turn islands removed at 14 Street N.W. (west intersection) to reduce turning vehicle speed and improve. Provides additional space for pedestrians waiting to cross the street, allows for a single crossing, and reduces total crossing distance for pedestrians and cyclists.
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