SUMMER 2026 NEWSLETTER

FUNCTIONAL DESIGN OF PTH 1 AND PTH 5 INTERCHANGE

PROJECT BACKGROUND

Following the tragic collision in June 2023 at the intersection of Provincial Trunk Highway (PTH) 1 and PTH 5 intersection near Carberry, the Manitoba government has been focused on identifying preventative measures to avoid reoccurrences.

Extensive engineering analysis and public consultation were undertaken in 2024 and 2025 to improve safety at the intersection of PTH 1 and PTH 5. In response to community feedback, Manitoba Transportation and Infrastructure (MTI) is advancing the design of an interchange at this location (commonly referred to as an overpass).

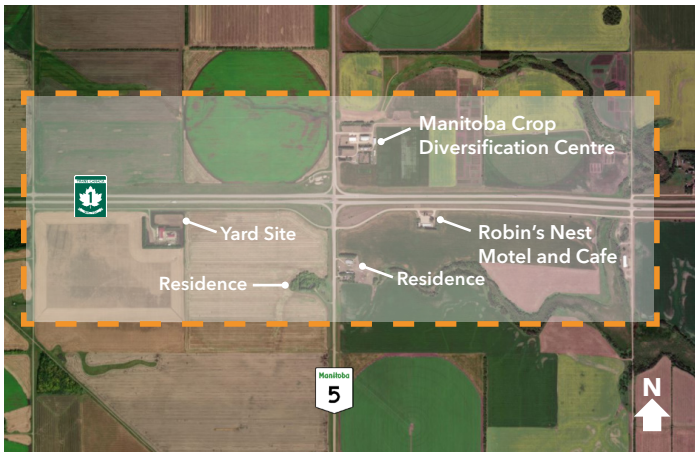


Figure 1: Study Area.

PROPOSED INTERCHANGE DESIGN

The proposed interchange design incorporates a new bridge and two roundabouts, providing a safer and more efficient transportation network while reducing land acquisition requirements, minimizing impacts on surrounding properties, and potentially lowering overall project costs. The roundabouts are also being designed to accommodate large vehicles, including farm equipment and heavy trucks, similar to the roundabout configuration at the PTH 1 interchange near Portage la Prairie.

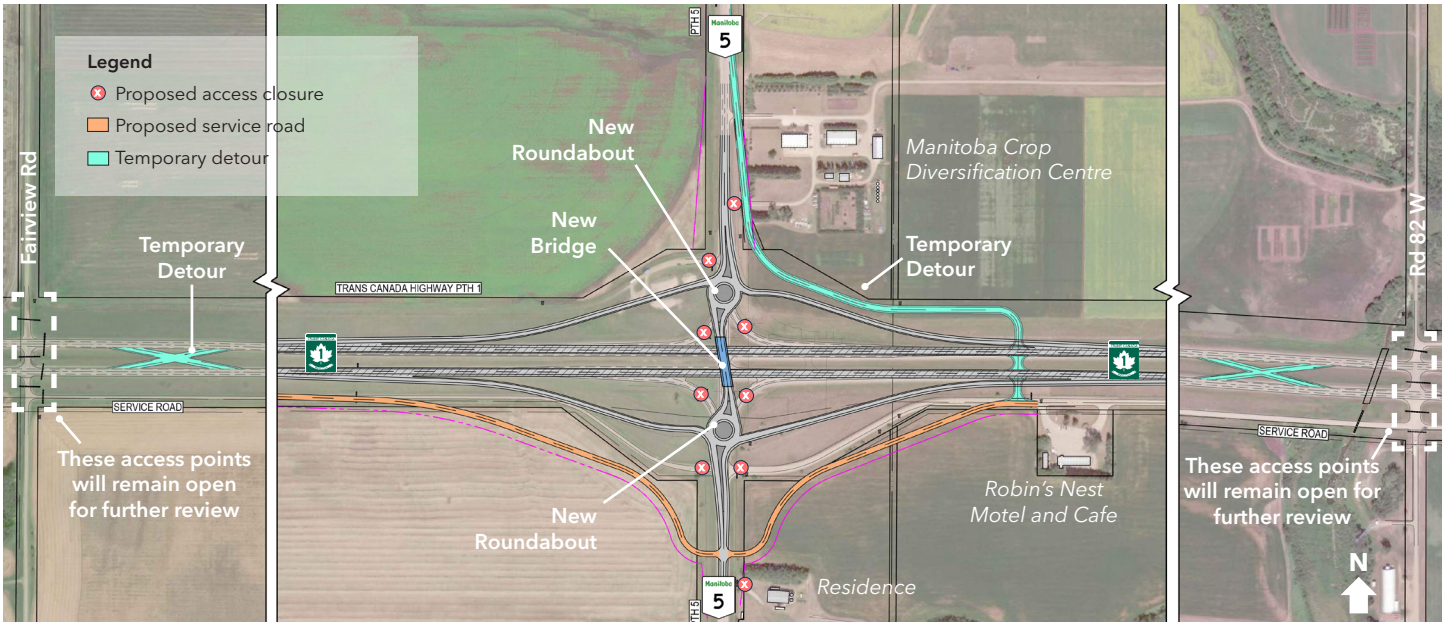


Figure 2: Proposed Interchange design - Plan view.

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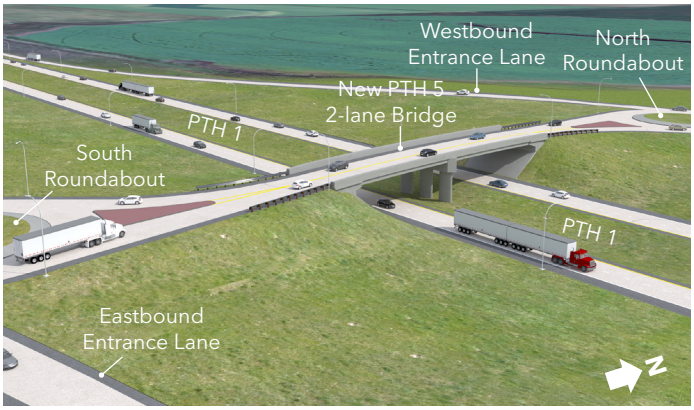


Figure 3: Proposed Interchange design - Model view looking northwest.

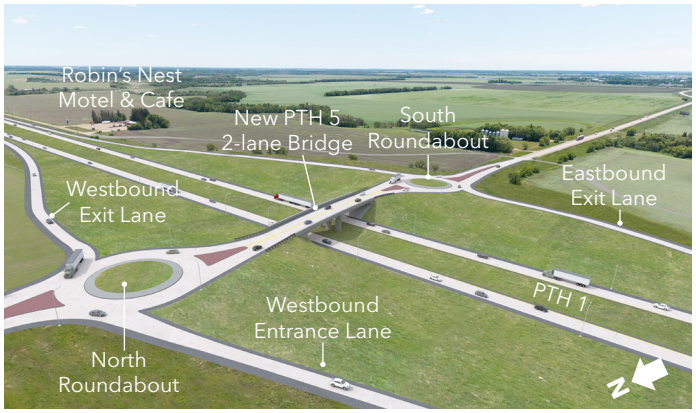


Figure 4: Proposed Interchange design - Model view looking southeast.

As shown in Figure 2, both westerly and easterly median openings will remain in place and will be monitored for safety performance. Access at these locations will be reassessed in the future.

Figures 3 and 4 illustrate model views of the proposed interchange design looking northwest and southeast.

The proposed bridge will have a 12.4 m clear roadway width carrying two lanes and widened shoulders on either side. The bridge will be built with a minimum of 5.4 m of vertical clearance over PTH 1 (see Figure 5).

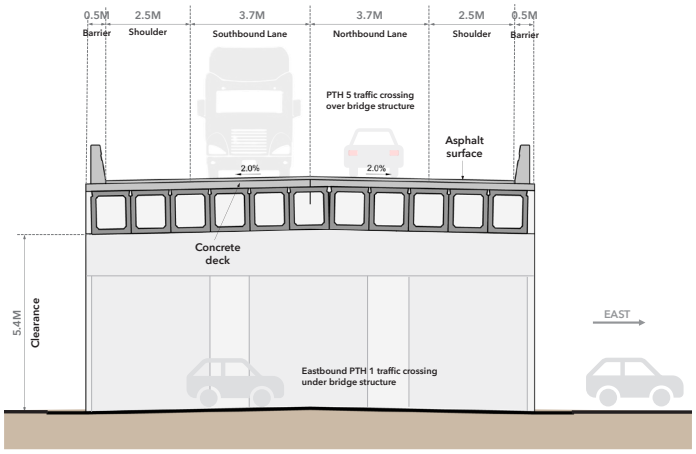


Figure 5: Proposed Interchange design - Cross section looking North.

CONSTRUCTION TIMELINE

Construction is anticipated to take approximately three years to complete with the interchange opened to traffic in year two of construction. Local traffic will be accomodated via a temporary detour road near the interchange (see Figure 2).



Contact Information

If you have any questions, comments or concerns, please contact:

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A presentation with additional information can be found on MTI's project website at:

Manitoba Transportation and Infrastructure: Project Information

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