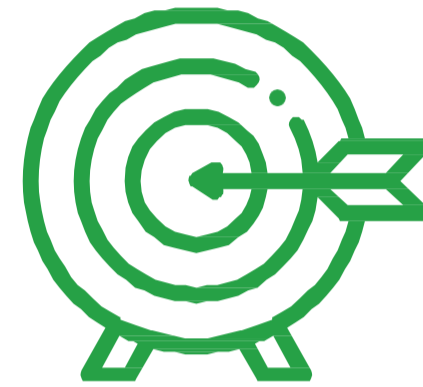


Design and Construction of an Interchange at PTH 100 and PTH 3

Stage 2 Engagement

February 2024





Purpose

To construct an interchange on PTH 100 (south Perimeter) at PTH 3 (McGillivray Boulevard), including reconstruction of PTH 100, PTH 2 and PTH 3 to align with the recommended functional design in the South Perimeter Highway Design Study.

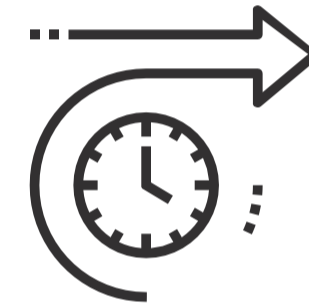
The **intent** of Stage 2 Engagement is to:



Inform you of the **purpose and scope** of the project.



Present the refined roadway and interchange functional design, including access management considerations.

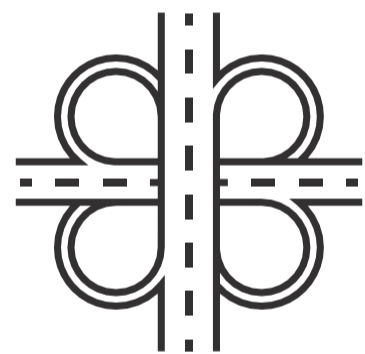


Provide updated information on **project timing**.



Offer an opportunity to **ask questions** about the project.

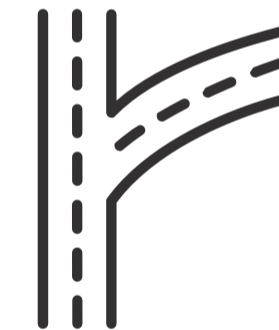
WSP Canada Inc. (WSP), a planning and engineering firm, was engaged by the Manitoba government to be the owner's engineer for the **design and construction of the interchange at PTH 100 and PTH 3.**



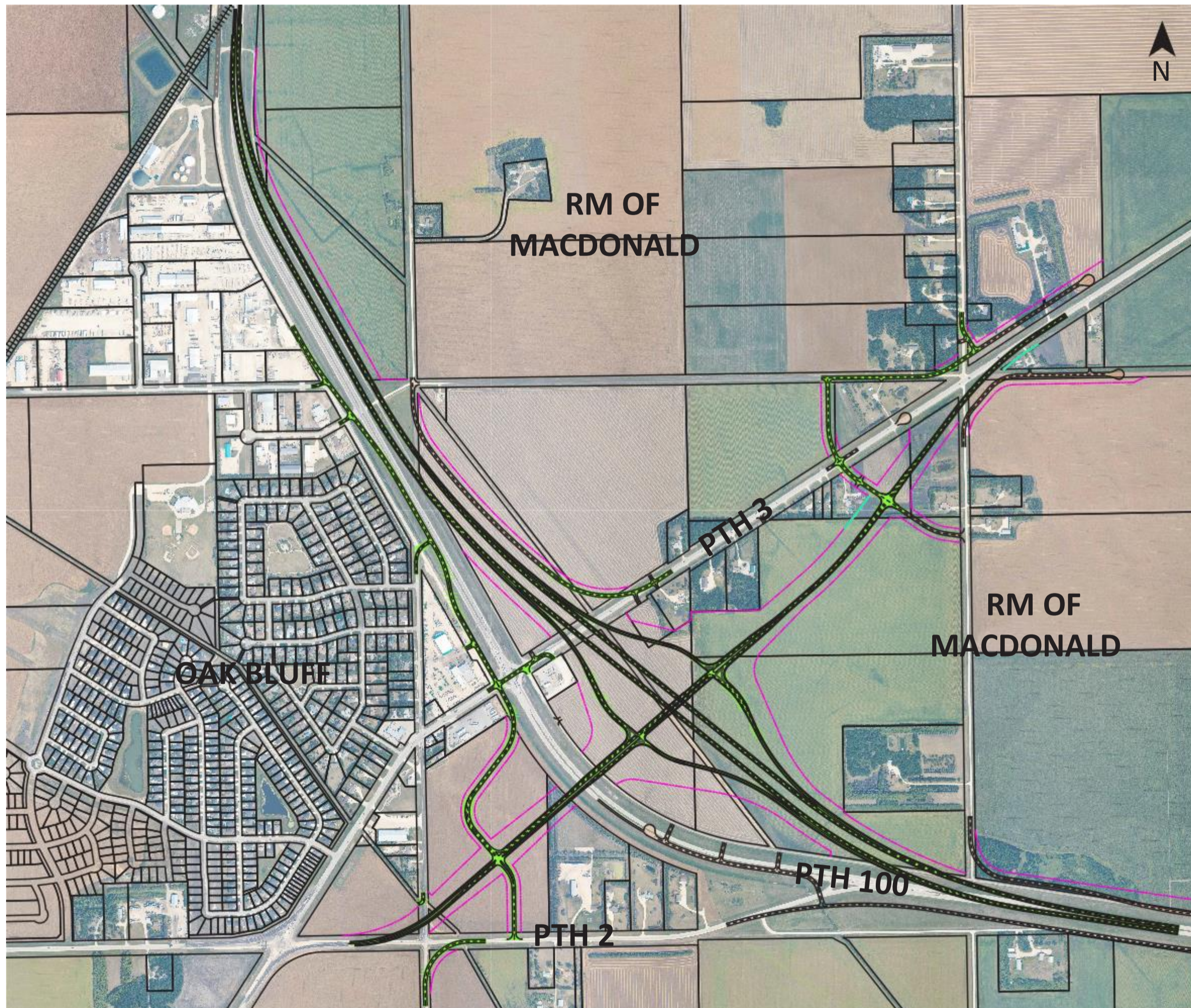
This project will **complete the detailed design and construct the interchange.**



The design is based on the roadway and interchange design from the **South Perimeter Highway Design Study.**



The project will **refine service road alignments and access connections in the project area.**



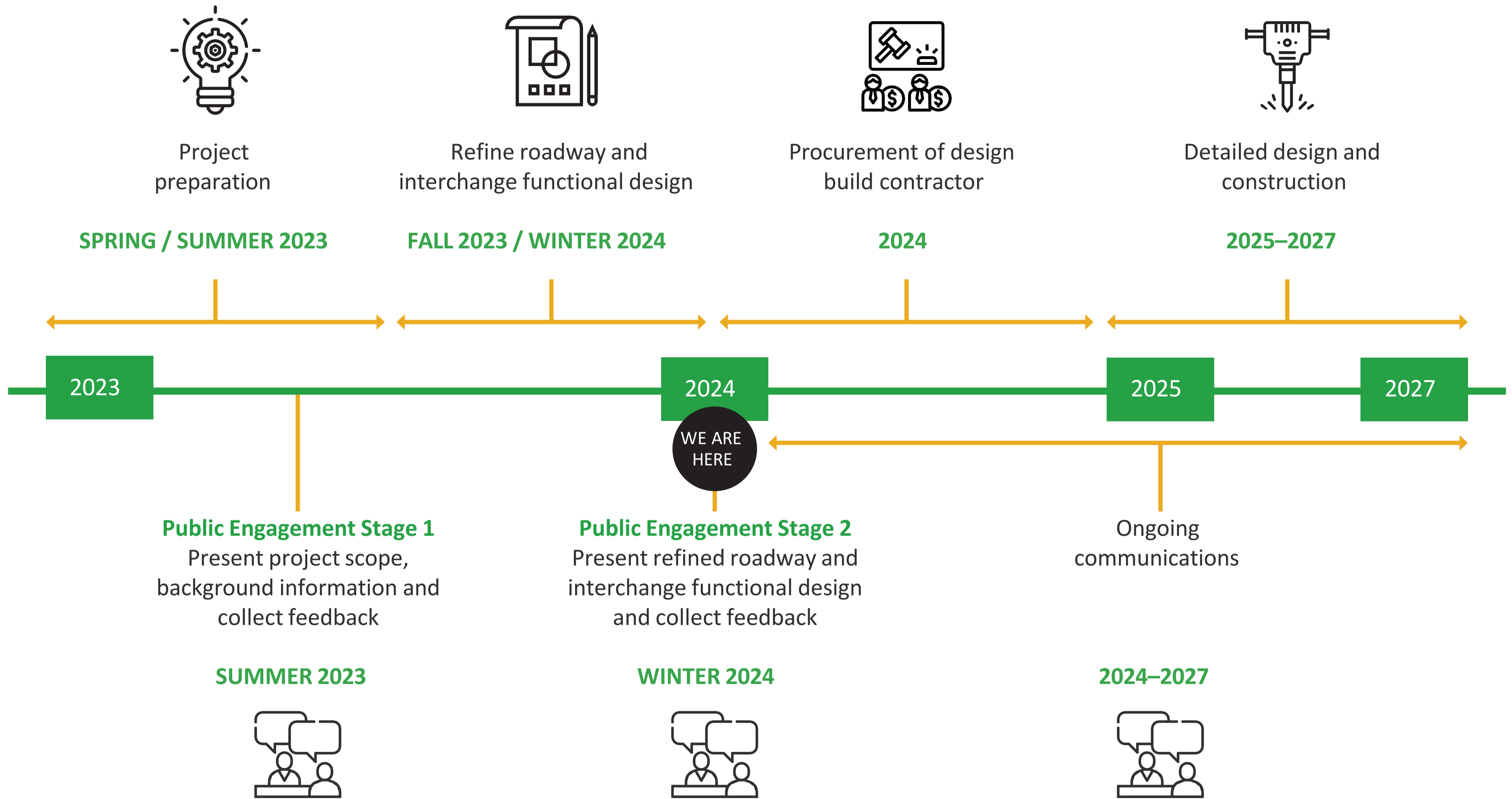
The functional design for the interchange was part of the **South Perimeter Highway Design Study, completed in 2020.**

A functional design is an early phase of the design process in which the road right-of-way and roadway layout are established based on projected travel patterns and demand.

The functional design was **informed by both technical studies and public input and feedback** throughout the South Perimeter Highway Design project.

Project Timeline

PTH 100 / PTH 3 Interchange



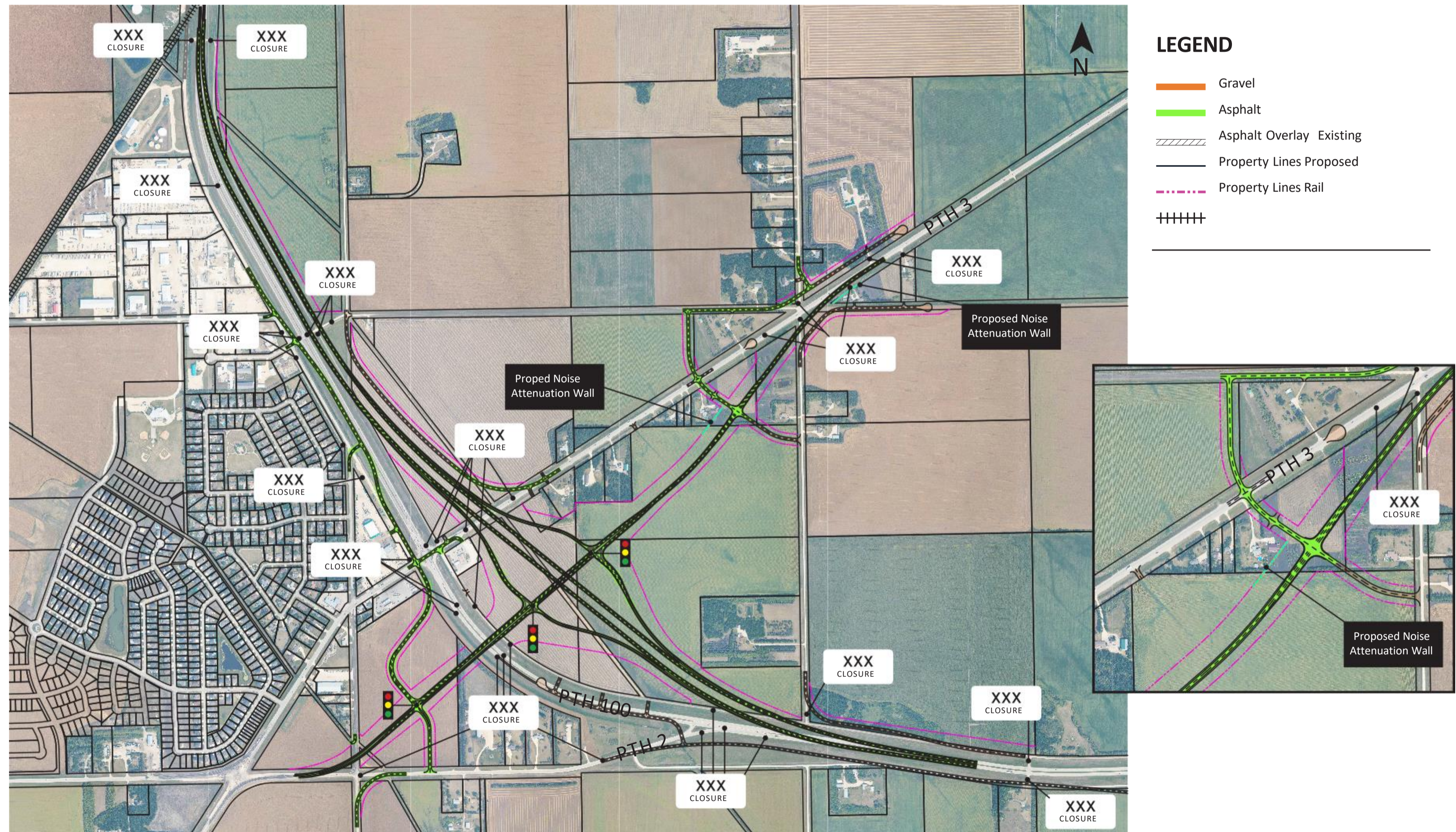
In Stage 1 engagement, the project team met with the municipality, stakeholders and impacted landowners.

The purpose of the meetings was to introduce the project and project team, develop an understanding of potential impacts or constraints that should be considered during this phase of the design and obtain feedback.

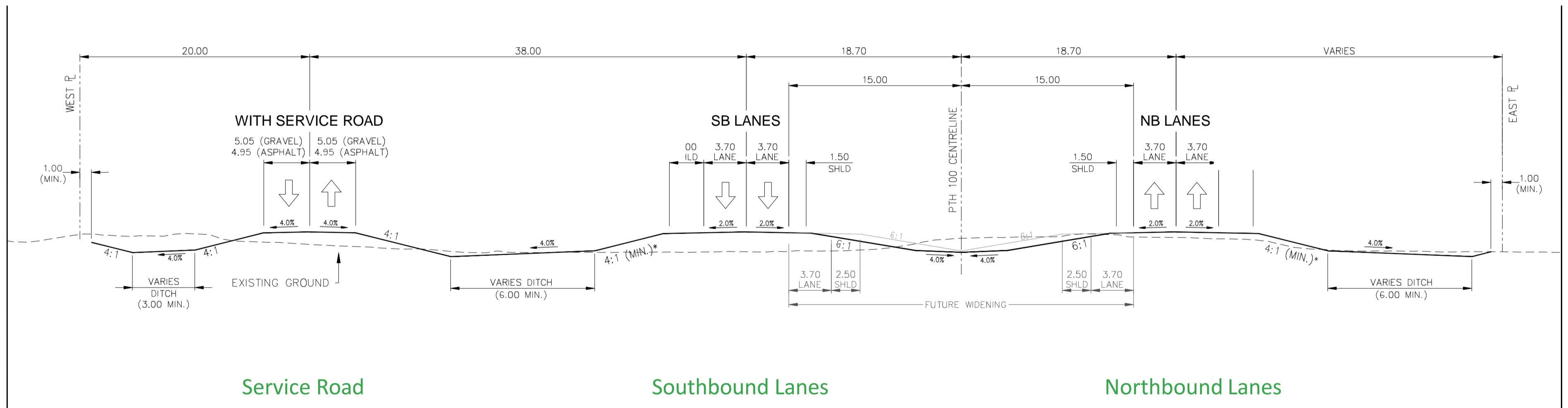
What We Heard	What We Did
<hr/> <h3>Roadway Design and Access</h3> <hr/>	
<ul style="list-style-type: none"> Adequate access to nearby and adjacent properties should be accommodated in the design. 	<ul style="list-style-type: none"> Refined the design to address any required access changes, in consultation with landowners and continue to connect with impacted property owners to collect further feedback to finalize the design.
<ul style="list-style-type: none"> Access for large and long vehicles such as agricultural equipment should be accommodated in the design. 	<ul style="list-style-type: none"> Designed the roadways, intersections and overpass structure to accommodate large and long vehicles, including agricultural equipment.
<ul style="list-style-type: none"> A few stakeholders noted the removal of direct access to properties along PTH 3 will be detrimental to businesses within the affected area. 	<ul style="list-style-type: none"> Worked with impacted stakeholders to mitigate impacts where possible and continue to work with impacted stakeholders to collect further feedback.
<ul style="list-style-type: none"> Coordination with the twinning of PTH 3 to the City of Winnipeg limit (Brady Road). 	<ul style="list-style-type: none"> Ensure ongoing coordination of the design and construction of this project with the twinning of PTH 3.
<hr/> <h3>Other Considerations</h3> <hr/>	
<ul style="list-style-type: none"> Explore active transportation options within and connecting to Oak Bluff 	<ul style="list-style-type: none"> Incorporated the space for an active transportation path on the initial PTH 3 overpass structure to provide for a future crossing of PTH 100 when active transportation infrastructure are in place on both sides of the Perimeter and PTH 3 is widened. The lane dedicated to the path will become available once the second structure is constructed.

Refined Roadway Design

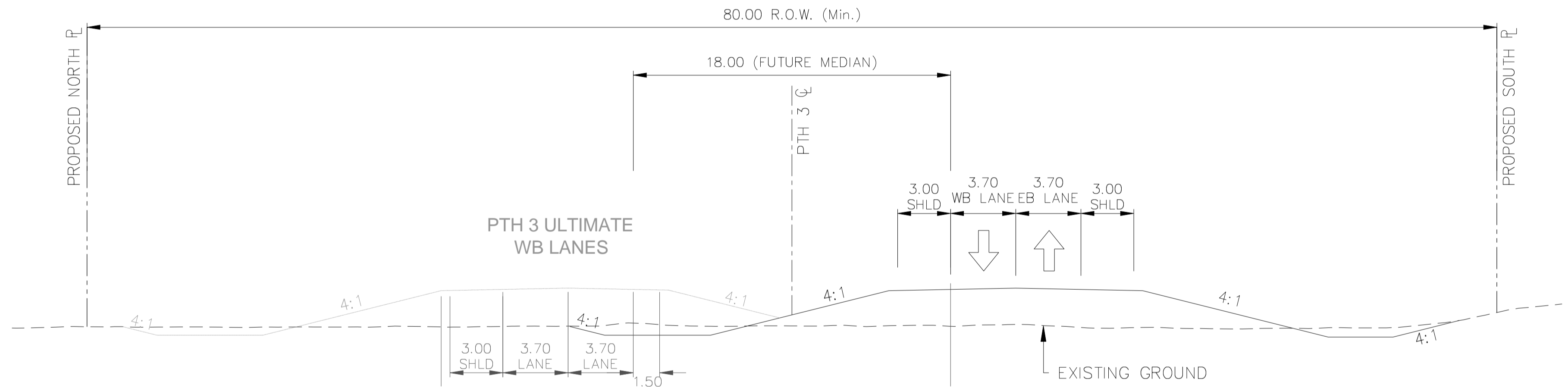
PTH 100 / PTH 3 Interchange



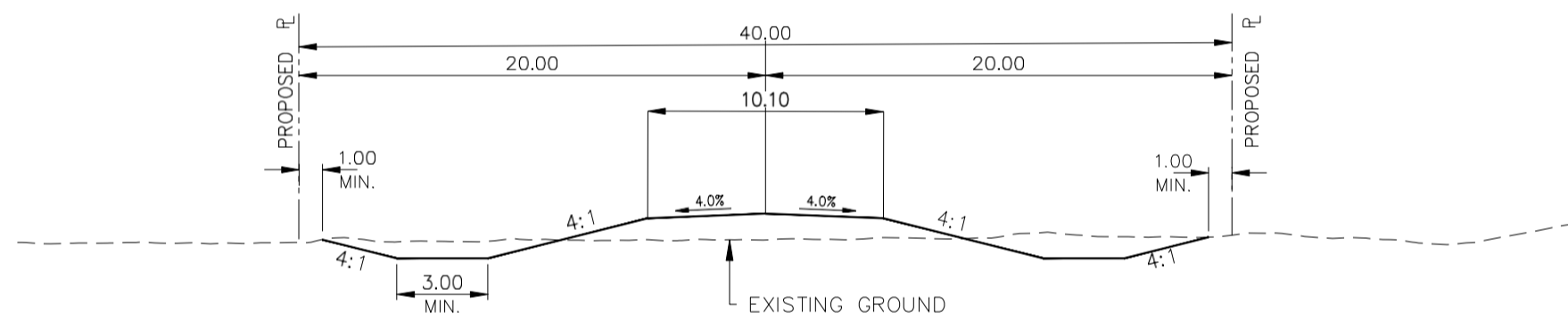
PTH 100 Southbound and Northbound Lanes



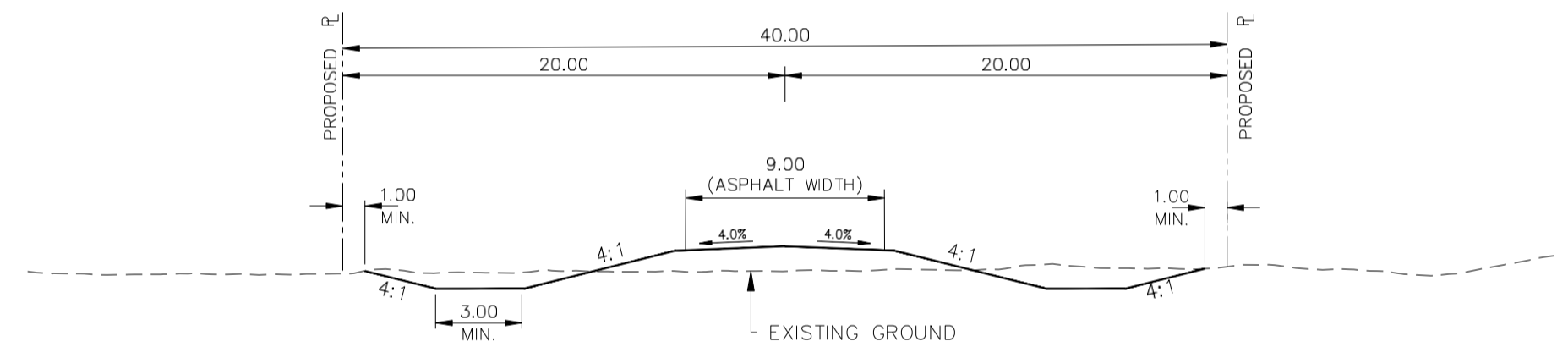
PTH 3 Typical Cross Section



Typical RM Commercial Gravel Road



Typical RM Commercial Asphalt Road





LEGEND

- RM of Macdonald Watermain
- RM of Macdonald Low Pressure Sewer
- RM of Macdonald Forcemain
- Manitoba Hydro Overhead Power
- Manitoba Hydro Gas
- Bell/MTS
- Shaw Valley

NOTE:
LOCATIONS OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATIONS OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH DESIGN OR CONSTRUCTION.



WSP Canada Inc.
1600 Buffalo Place, Winnipeg, MB R3T 6B8 T
204-477-6650 | www.wsp.com

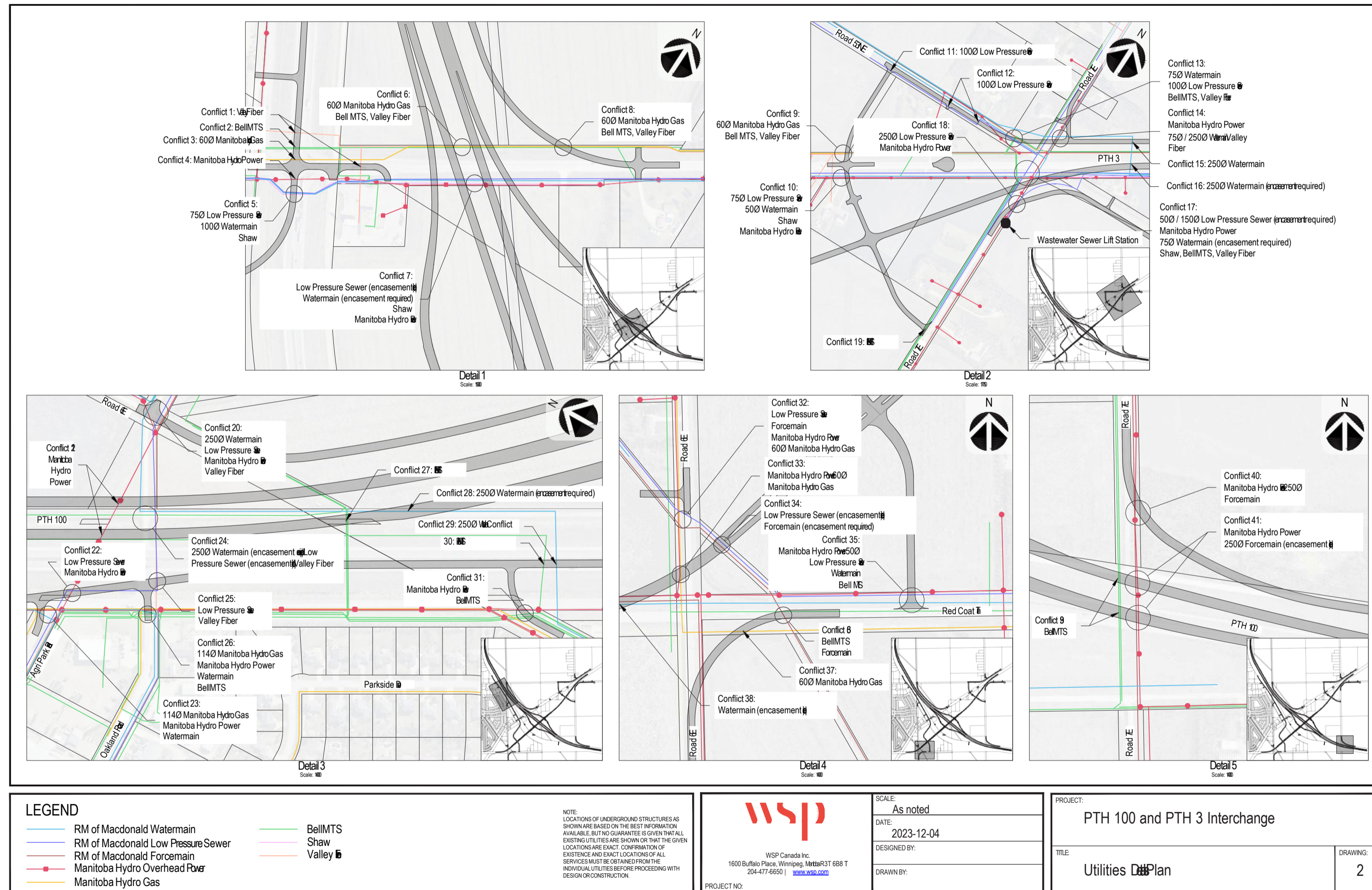
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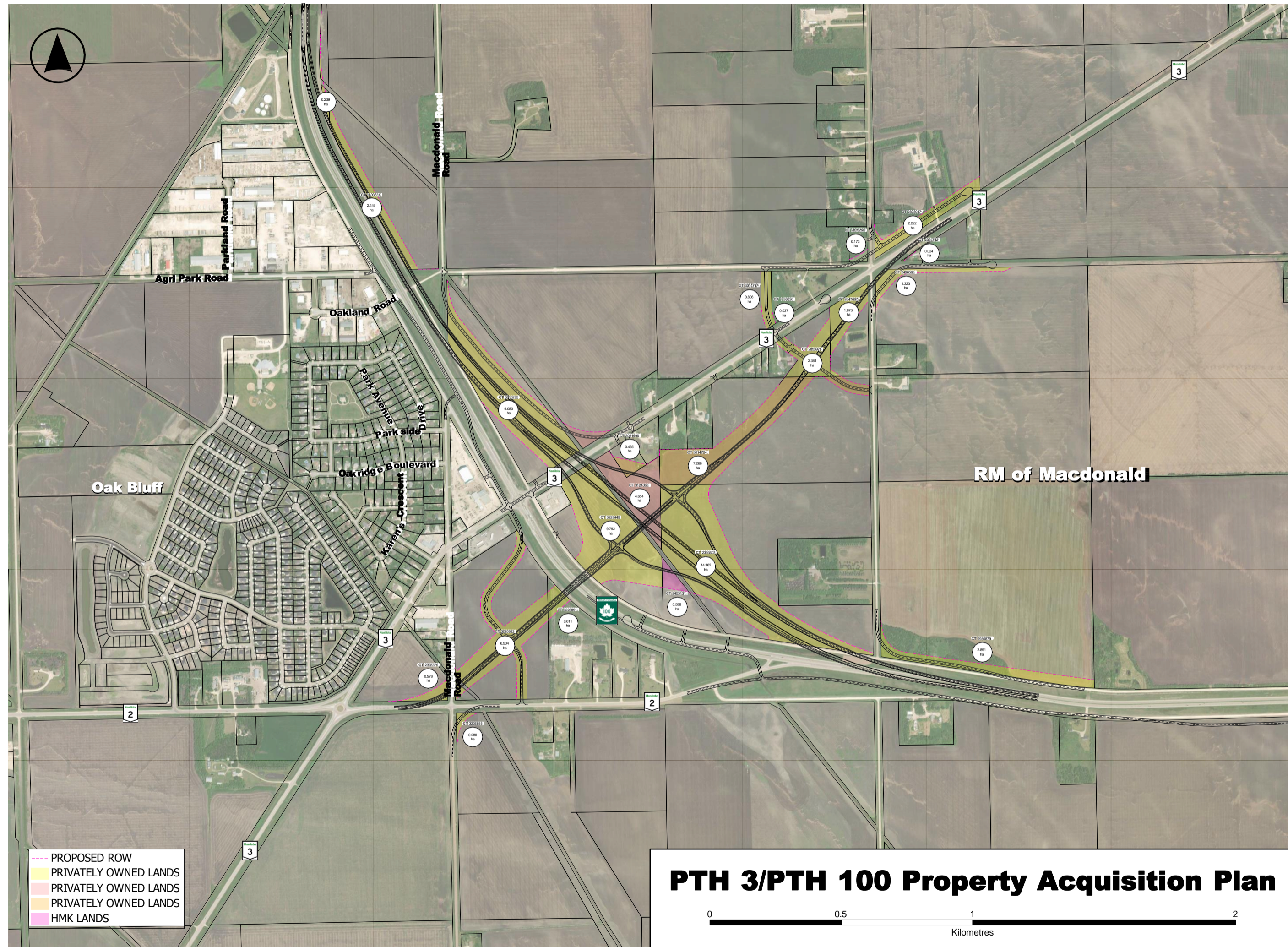
SCALE:
1:10,000
DATE:
2023-12-04
DESIGNED BY:
DRAWN BY:

PROJECT:
PTH 100 and PTH 3 Interchange

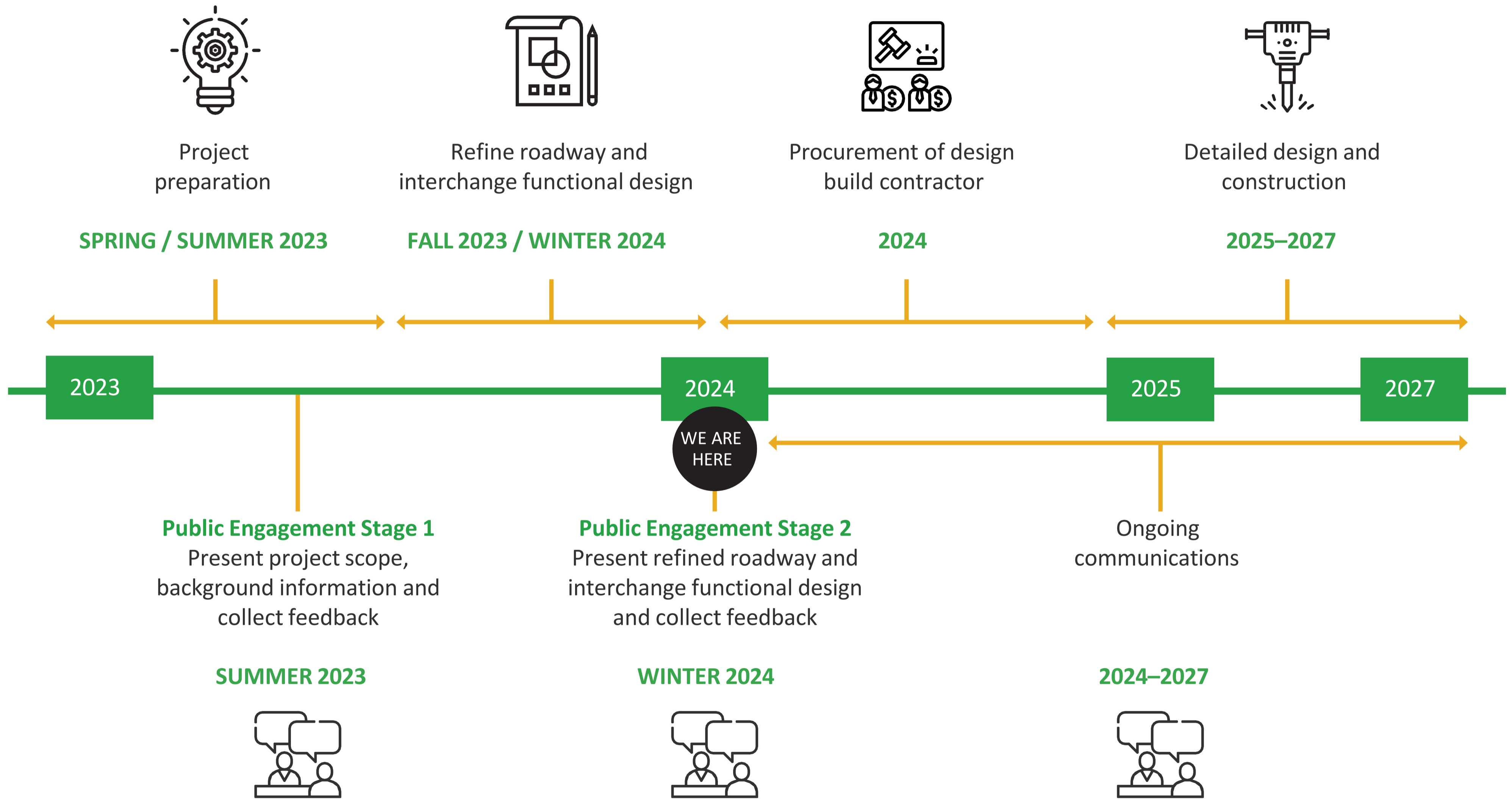
TITLE:
Overall Utilities Plan

DRAWING:
1





Next Steps



Thank you

for participating in the engagement process for the design and construction of the interchange at PTH 100 and PTH 3.

For additional information, please contact:

Lauren Lange, Engagement Lead

E: lauren.lange@wsp.com

T: 204-259-1919