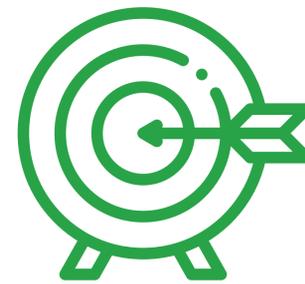


PTH 3 Functional Design Study

Phase 1 Engagement

May 2023





Purpose

To **develop a functional design and access management plan for twinning PTH 3 from Road 7E to the Winnipeg City Limit at Brady Road**. The plan will consider options for two main corridor alignments: (1) the existing alignment to connect directly to McGillivray Boulevard and (2) a realignment to connect directly with Abinojii Mikanah (Bishop Grandin Boulevard).

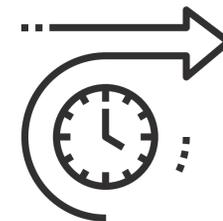
The **intent** of Phase 1 Engagement is to:



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



Identify constraints to consider when developing the roadway and intersection designs and access management.

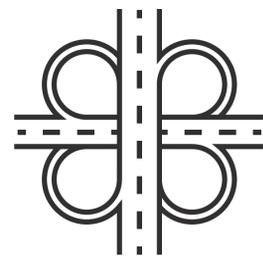


Develop an understanding of **future development plans** that should be considered in the study.



Offer an opportunity to provide input to and ask **questions** of the design team.

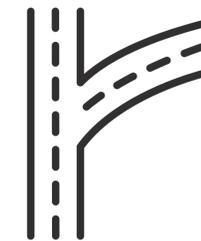
WSP Canada Inc. (WSP), a planning and engineering firm, was engaged by the Manitoba government to develop a design for the twinning of PTH 3.



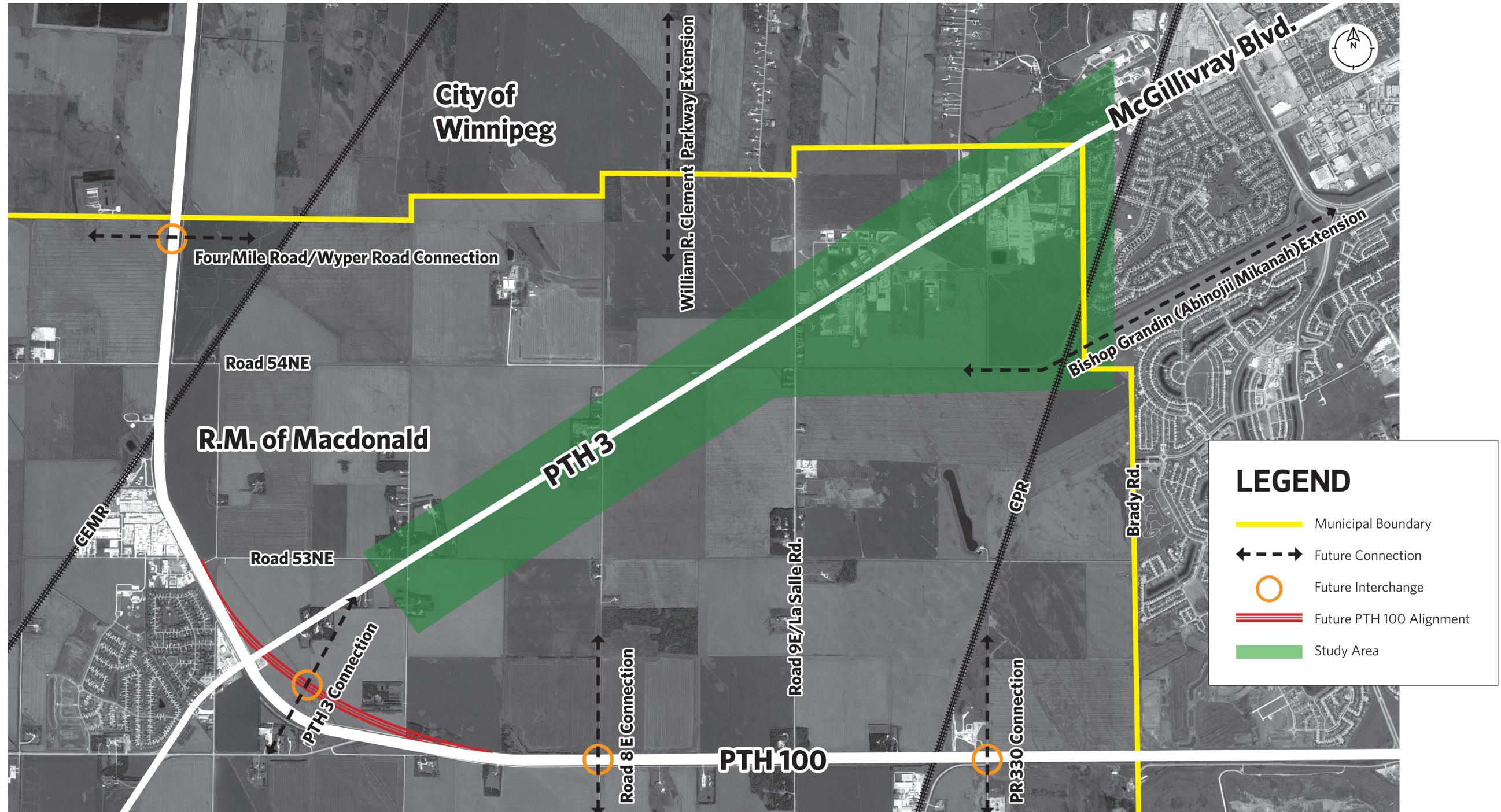
Conceptual alignments of the **William R. Clement Parkway, Road 8E and PR 330 extensions and connections to PTH 3** will be developed.

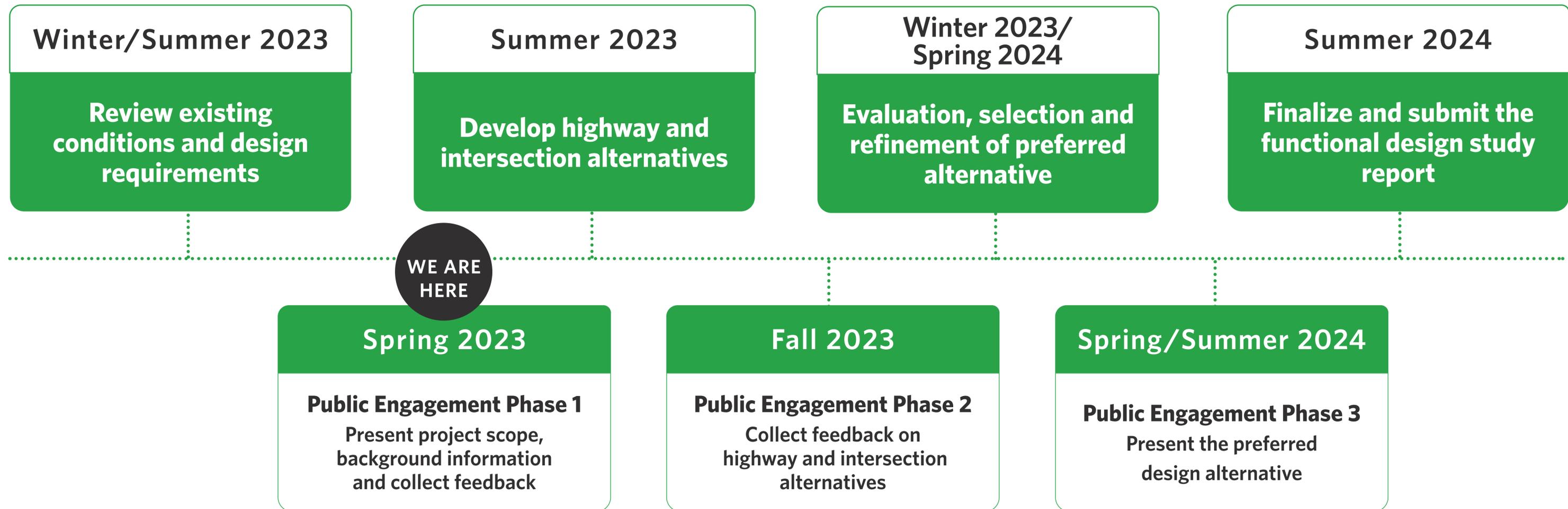


The study will **update a 2006 twinning and access management plan.**



The study will also **guide intersection improvements and land use planning and development.**



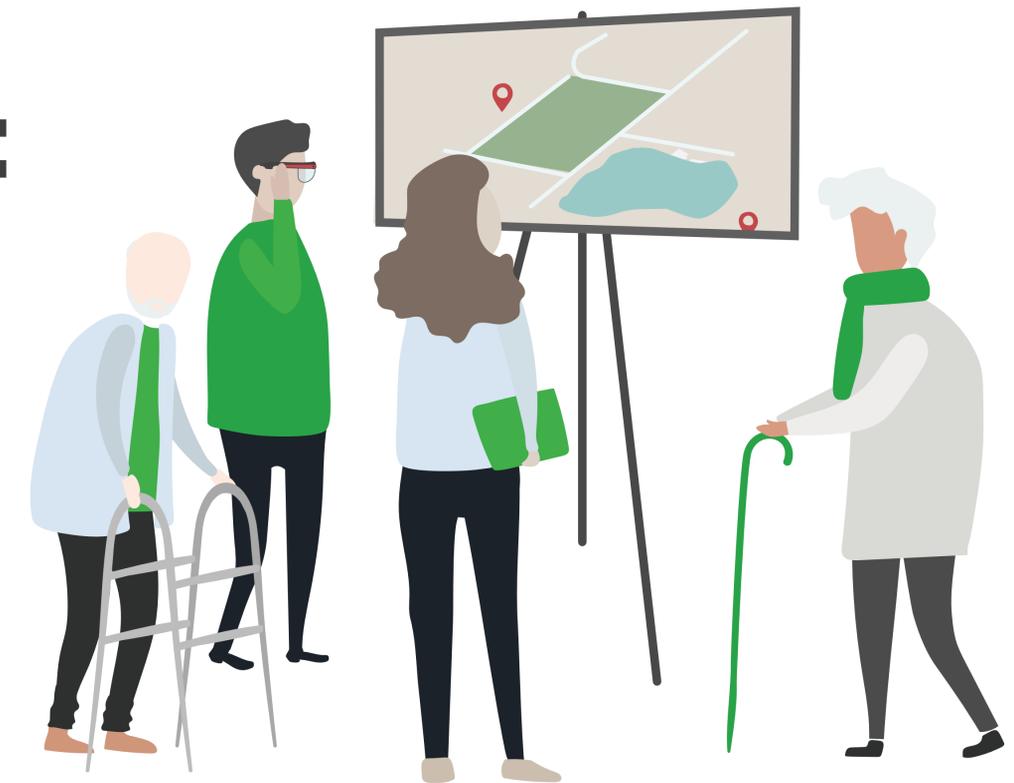


The functional design study will take approximately one-and-a-half years to complete.

A functional design study 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. Functional designs are informed by both technical studies and public input and feedback throughout the process.

Public engagement will consist of:

- » A project webpage and online surveys
- » Group and individual stakeholder meetings
- » Use of EngageMB website to obtain input from the public in Phases 2 and 3
- » Project newsletters

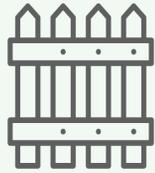


Phase 1 is focused on stakeholder meetings and the project website.

Feedback

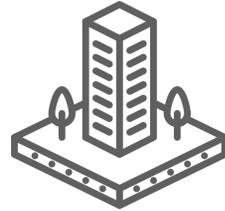
All comments and feedback will be summarized and presented to the project team.





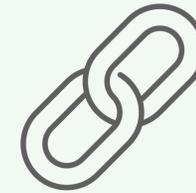
PROPERTY BOUNDARIES AND LAND OWNERSHIP

This information was collected
and reviewed for the study area



LAND DEVELOPMENT INFORMATION AND PLANS

Existing and proposed for the
two municipalities



EXISTING CONNECTIONS TO PTH 3

Including location and type



ROADWAY CONDITIONS

Inventory of existing roads
in the study area, including
an assessment of pavement
condition



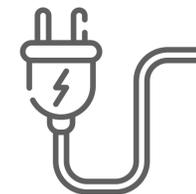
TRANSPORTATION PLANS

City of Winnipeg, R.M. of
Macdonald and the Capital
Region



PEDESTRIAN AND CYCLING FACILITIES

Available current activity data
and planned facilities that may
influence activity in the future



EXISTING AND PLANNED UTILITIES

Underground and above
ground utility crossings, and
any running along the highway



EXISTING ACCESS PERMITS

Review permit conditions
against field conditions



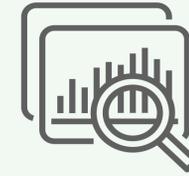
LAND DRAINAGE

Existing facilities, areas of concern, and flood protection information



PROPOSED DESIGN CRITERIA

Roadways, structures, active transportation, and drainage criteria will be prepared



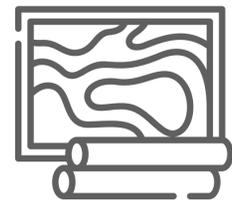
TRAFFIC DATA - EXISTING AND PROJECTED DATA

Forecasts will be prepared for 20 years into the future



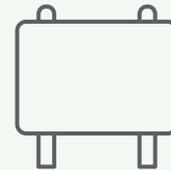
COLLISION HISTORY

Develop collision rates by intersection and roadway segments



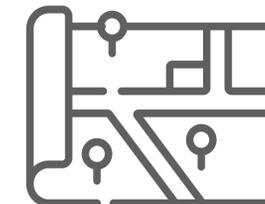
TOPOGRAPHIC STUDIES

Confirm Lidar information such as top of rail, location of utilities, roads and miscellaneous structures



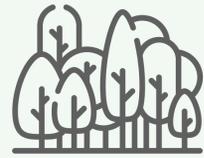
EXISTING PERMANENT GUIDE SIGNING

Review of existing conditions and supports



AVAILABLE RELEVANT REPORTS FOR THE STUDY AREA

A number of past studies undertaken at various locations along the study area



ENVIRONMENTAL CONSIDERATIONS

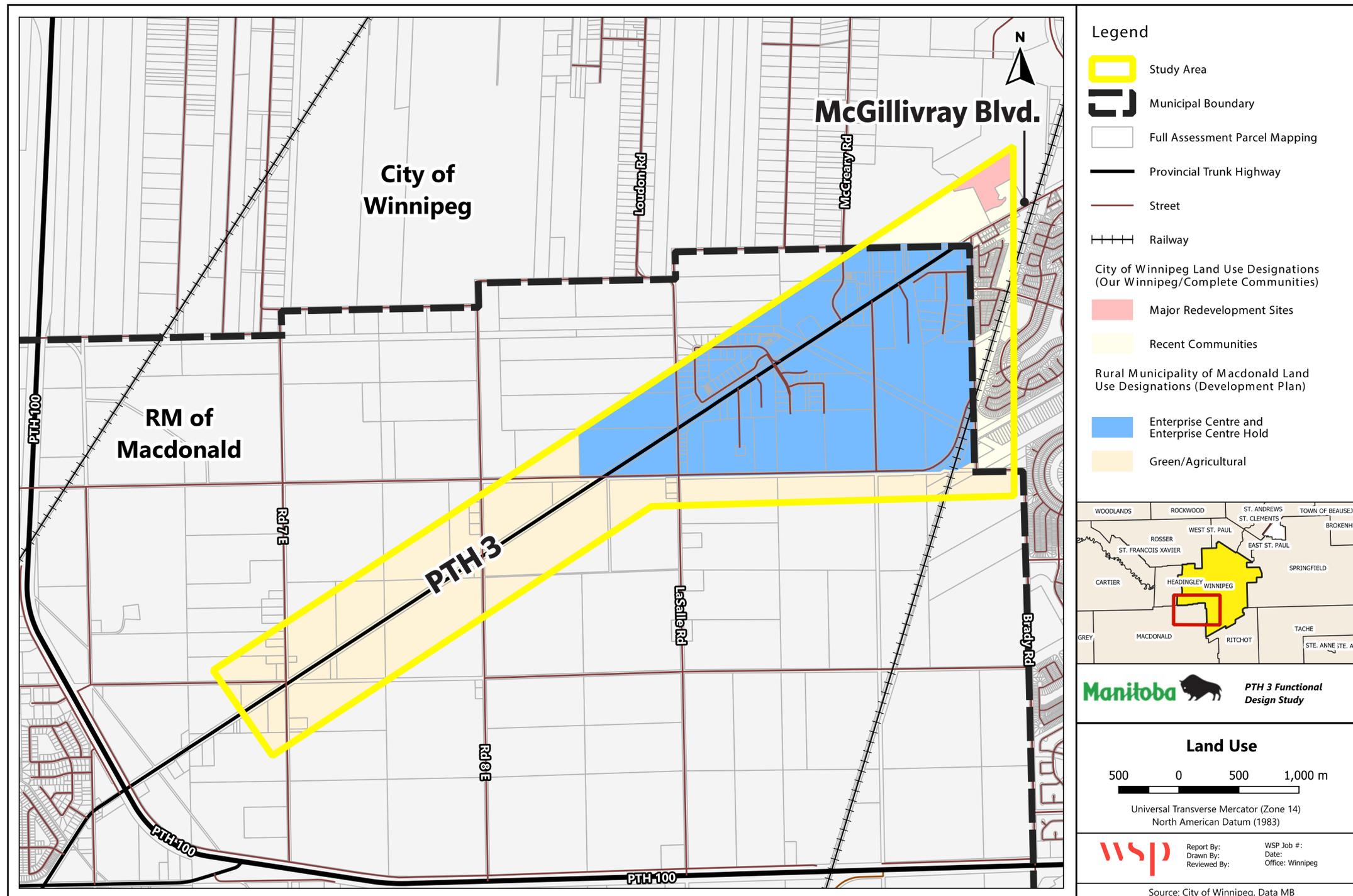
Related legislation, noise considerations, vegetation, wildlife, species of conservation concern, heritage resources, aquatic systems, parks and protected areas, and designated flood areas



ACCESSIBILITY CONSIDERATIONS

for emergency vehicles





The project team will design and evaluate roadway and intersection alternatives based on the following criteria:



Engineering and Transportation

CRITERIA

- Safety
- Geometry
- Utilities
- Ease of construction and staging
- Traffic operations



Community/Social Economic Impacts

CRITERIA

- Minimize land acquisition/severance
- Impact on businesses
- Impact on access
- Pedestrian/cycling accommodation



Cost Factors

CRITERIA

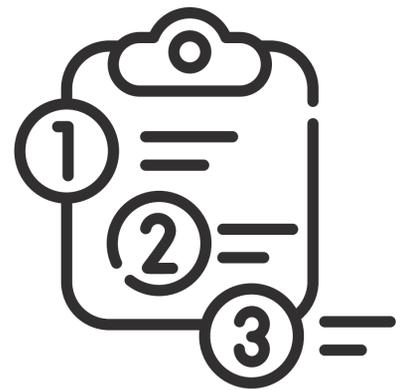
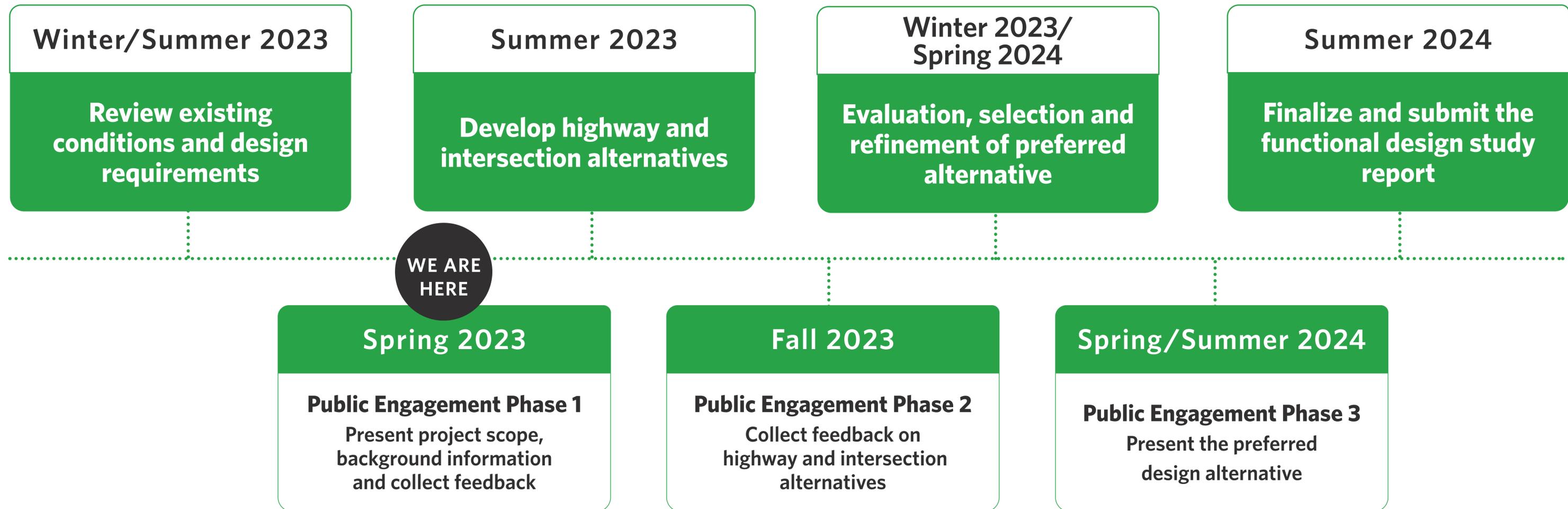
- Cost of construction
- Right-of-way acquisition cost



Environmental Impacts

CRITERIA

- Noise impacts
- Natural environment
- Habitat impact
- Heritage resources impact



After completion of Phase 1 Engagement, the project team will finalize the existing conditions review and begin developing highway and intersection alternatives.

Phase 2 Engagement will include presentation of highway alignment and intersection alternatives for PTH 3.

Thank you

Thanks for participating in Phase 1 Engagement for the
PTH 3 Functional Design Study.

For additional information, please contact:

Lauren Lange, Engagement Lead
E: lauren.lange@wsp.com
T: 204-259-1919