

Manitoba Infrastructure Strategic Investment Categories

Online public and industry
stakeholder engagement
Summer 2021



Purpose of Online Engagement

To ask the public and industry stakeholders for feedback on the strategic investment categories to provide the foundation for an infrastructure strategy and short-term infrastructure investment planning.

- This engagement
 - Presents the proposed strategic investment categories and examples
 - Gathers public and industry stakeholder input



Background

- Manitoba Infrastructure capital programs and plans include various types of projects:
 - highway infrastructure such as roads, bridges, culverts, traffic signals/signage
 - water related infrastructure such as drains, dams, bridges, culverts, low level crossings, and flood protection infrastructure (dikes, diversion and floodway channels and pump stations)
 - transportation general assets such as weigh scales and ferries
 - northern airports



- Over the next 10 years, Manitoba will be recognized as a national transportation hub, linking east to west, north to south and enabling strong economic activity within and across our borders to:
 - enhance transportation mobility and connectivity;
 - ensure safety and reliability across the highway network;
 - enable industry expansion that leverages Manitoba's diverse economy; and
 - build climate resiliency.



Why are strategic investment categories needed?

- Strategic investment categories provide:
 - The foundation for an infrastructure strategy (i.e. Routes: Trade & Commerce, International Trade Hub) and short-term infrastructure investment planning.
 - Consistency in the planning and prioritization of projects based on what is important to Manitobans.

Proposed Strategic Investment Categories

Renewal	Safety & Climate Resiliency
Economic Development	Connectivity & Innovation

Renewal

Projects can include replacement, major and minor treatments of existing infrastructure assets such as bridges, culverts, highways, dams, drains, northern airports, and ferries. For example:

- Replacement/reconstruction of existing infrastructure at the end of its service life to current standards
- Major treatments to extend service life of an asset such as pavement, bridge deck, runway and dam rehabilitation
- Minor treatments to extend the life of an infrastructure asset such as highway surface treatments, bridge and dam repairs, drain clean-outs

Economic Development

Projects can include investments in infrastructure that support economic growth. For example:

- Upgrades to Routes: Trade & Commerce
- International Trade Hub (Perimeter Highway, PTH 1, PTH 75)
- Upgrades to remove spring loading restrictions from highways and structures
- Operational improvements to border crossings

Safety & Climate Resiliency

Projects to improve safety and to withstand the impact of changes to the climate over time including severe weather events. For example:

- Intersection improvements (roundabouts, turning lanes, signals and signage, illumination)
- Interchanges (cloverleaf, overpass structures)
- Water control and flood related infrastructure (bridges, dams, channels, alternate flood routes, community ring dikes for flood and drought resiliency)
- Roadside hazard protection (guardrail, flattening slopes, clear zones alongside highways)
- Safety improvements (dams, northern airports, railway crossings, pedestrian/cyclist crossings)

Connectivity & Innovation

Projects that ensure Manitobans are connected to essential services and routes and plan for future needs and emerging technology. For example:

- Highway twinning projects
- New all weather roads in remote areas of Manitoba currently served by winter roads
- Innovation (intelligent transportation systems, connected autonomous vehicles)
- New remote sensing or monitoring systems (bridges, water infrastructure)
- Water level and flow monitoring, weather monitoring and flood forecasting technologies

What's next

- Provide your feedback on the *Strategic Investment Categories* through an online questionnaire on the EngageMB website
- Results from the online public and industry stakeholder engagement will be posted on the EngageMB website

We will:

- Review public and industry stakeholder input
- Develop investment guidelines and project prioritization processes for each proposed investment category
- Consider the input received to develop an infrastructure strategy and short-term infrastructure investment planning



Thank You!