Manitoba-Minnesota Transmission Project

Project Infrastructure

Electrical Station

Physical Activities and Resource Use

Transmission

Transmission Line (>115 kV)

Transportation

Road / Railway

Oil and Gas

Gas Line / Pipeline

Other

Manitoba Hydro Infrastructure

Commercial

Mine Site

Forestry / Mining Areas

Recreational

Campground / Snowmobile Shelter / Ski Center

Canoe Route / Trans Canada Trail / Snowmobile Trail

Recreational Area

Agriculture

Livestock Operation

Annual Cropland

Past and Present Physical Activities and Resource Use

Source:
1. Alberta Clipper Pipeline, 2012, Adapted from Enbridge Proposed Alberta Clipper Pipeline (Line 67)
2. Tending, 1984-2002, Manitoba Conservation and Water Stewardship
5. Quarry Withdrawals, 2013, Manitoba Conservation and Water Stewardship
6. Casual Quarry Permit, 2015, Manitoba Conservation and Water Stewardship
7. Livestock Operations, 2014, Stantec

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: July 23, 2015

Map 7-2

Glenboro South Station

Manitoba-Minnesota Transmission Project

Past and Present Physical Activities and Resource Use
Map 7-100-06

Project Infrastructure
- Final Preferred Route (Existing Transmission Corridor)
- Project Development Area (PDA)

Infrastructure
- St. Vital Transmission Complex (Proposed)
- Existing 115-230kV Transmission Line

Landbase
- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City / Town
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- National/Provincial Park
- Rural Municipality

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: July 23, 2015

Manitoba-Minnesota Transmission Project
Manitoba-Minnesota Transmission Project

Project Infrastructure
- Final Preferred Route (Existing Transmission Corridor)
- Project Development Area (PDA)

Infrastructure
- Existing 500 kV Transmission Line
- Existing 230kV Transmission Line
- Bipole III Transmission Line (Approved)
- Existing 115-230kV Transmission Line

Landbase
- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City / Town
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- National/Provincial Park
- Rural Municipality

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCan
Date Created: July 23, 2015

Project Development Area
Map 7-100-09
Manitoba-Minnesota Transmission Project

Project Infrastructure
- Final Preferred Route (New Right of Way)
- Project Development Area (PDA)

Landbase
- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City / Town
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- National/Provincial Park
- Rural Municipality

Coordinate System: UTM Zone 14N NAD83
Data Source: MB/Hydro, Pro/MB, NRCAN
Date Created: July 23, 2015

Project Development Area

Map 7-100-18
Manitoba-Minnesota Transmission Project

Project Infrastructure
- Final Preferred Route

Infrastructure
- Electrical Station

Physical Activities and Resource Use
- Agriculture
  - Livestock Operation
  - Annual Cropland
- Recreational
  - Campground / Snowmobile Shelter / Ski Center
  - Canoe Route / Trans Canada Trail / Snowmobile Trail
- Other
  - Manitoba Hydro Infrastructure

Transmission
- Transmission Line (>115 kV)

Transportation
- Road / Railway
- Oil and Gas
- Gas Line / Pipeline

Oil and Gas
- Residential
  - Residential Subdivision

Landbase
- Community
  - Trans Canada Highway
  - Provincial Highway
  - Provincial Road

Source:
1. Livestock Operations, 2014, Stantec
3. Residential Subdivisions, 2015, Adapted from Residential Subdivision Plan
5. Plantations, 1951-2011, Manitoba Conservation and Water Stewardship
6. Tidal Sales Plan, 2010-15, Manitoba Conservation and Water Stewardship
7. Quarry Withdrawals, 2013, Manitoba Conservation and Water Stewardship
8. Casual Quarry Permit, 2015, Manitoba Conservation and Water Stewardship

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProMB, NRCAN
Date Created: July 23, 2015

Past and Present Physical Activities and Resource Use
Reasonably Foreseeable Future Physical Activities

Project Infrastructure
- Converter Station (Existing)
- Final Preferred Route

Infrastructure
- Electrical Station

Physical Activities
- Transportation
  - Manitoba Infrastructure and Transportation Capital Project (2015-2020)
  - Future Interchange
- Infrastructure
  - Proposed New Bypass Area
  - Proposed Transmission Line
- Oil and Gas
  - Oil and Gas Line Upgrade
- Other
  - Wastewater Treatment Plant Upgrade / Airport Runway Exp.

Landbase
- Community
  - City / Town
- First Nation Lands
- Rural Municipality

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: July 23, 2015

Map 7-300-01