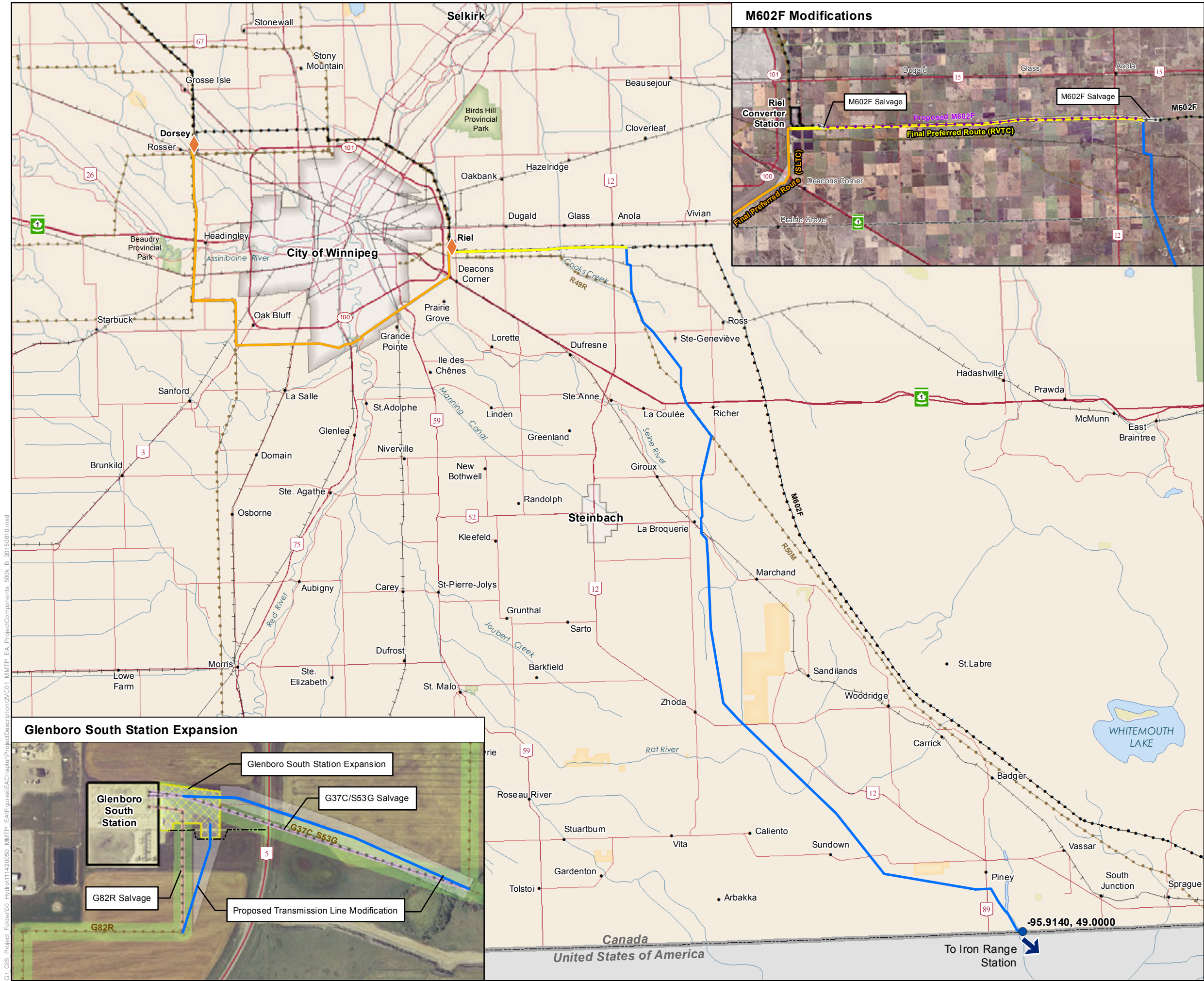




Manitoba-Minnesota Transmission Project

Project Infrastructure

- ◆ Converter Station (Existing)
- Border Crossing
- Final Preferred Route (Southern Loop Transmission Corridor - SLTC)
- Final Preferred Route (Riel-Vivian Transmission Corridor - RVTC)
- Final Preferred Route (New Right of Way)
- M602F Modification (Salvage)
- M602F Modification (New)
- G37C Salvage
- G82R Salvage
- Existing/New Glenboro South Station Access
- New Glenboro South Station Access
- Existing ROW
- Station Expansion
- Project Development Area (PDA)

Infrastructure

- Existing 500kV Transmission Line
- Existing 230kV Transmission Line

Landbase

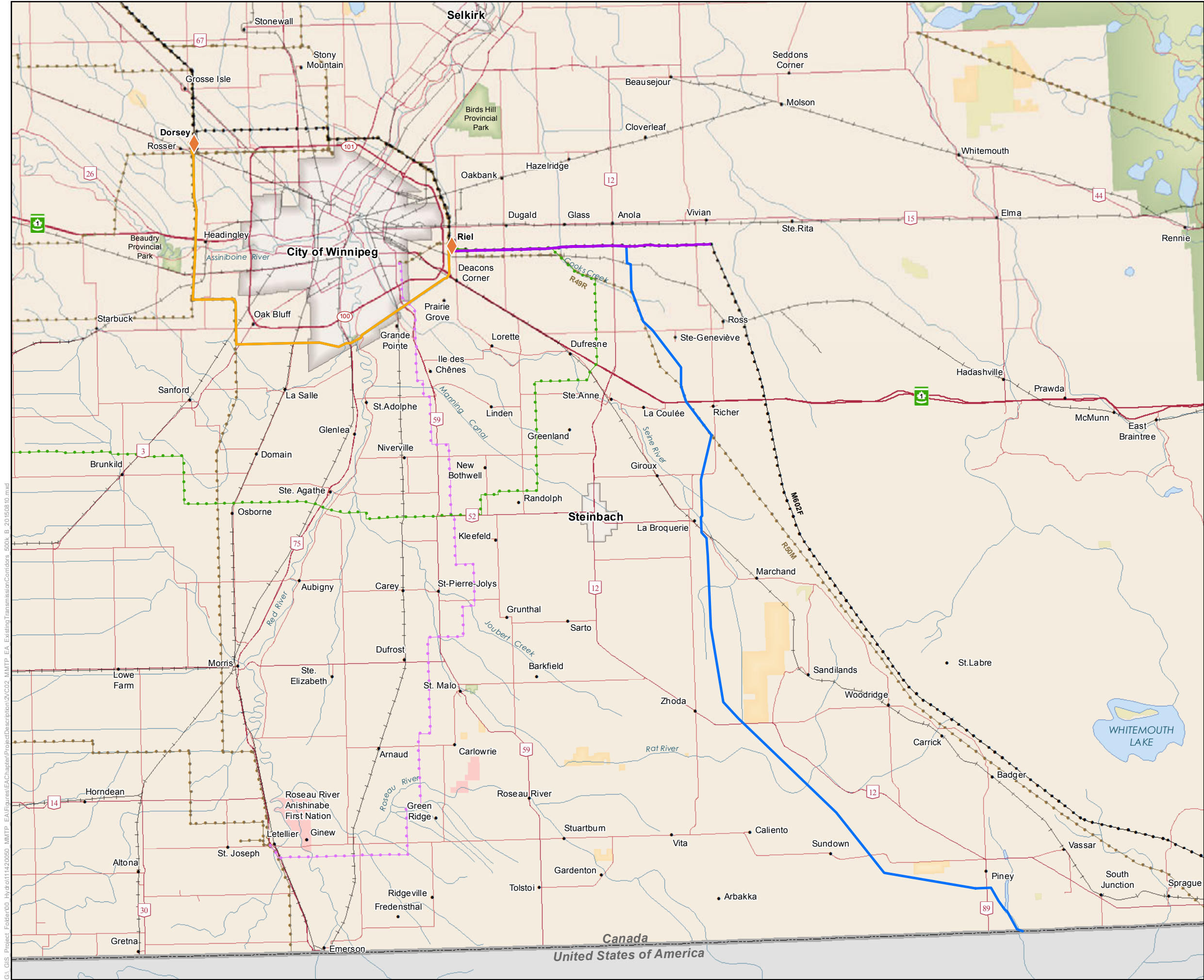
- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- Provincial Park

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: August 19, 2015

0 5 10 Kilometres
0 5 10 Miles

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Project Components



Manitoba-Minnesota Transmission Project

Project Infrastructure

- Converter Station (Existing)
- Southern Loop Transmission Corridor (SLTC)
- Riel-Vivian Transmission Corridor (RVTC)
- Final Preferred Route (New Right-of-way)

Infrastructure

- Existing 500kV Transmission Line
- Existing 230kV Transmission Line
- Bipole III Transmission Line (Approved)
- St. Vital Transmission Complex (Planned)

Landbase

- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- Provincial Park

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: August 17, 2015

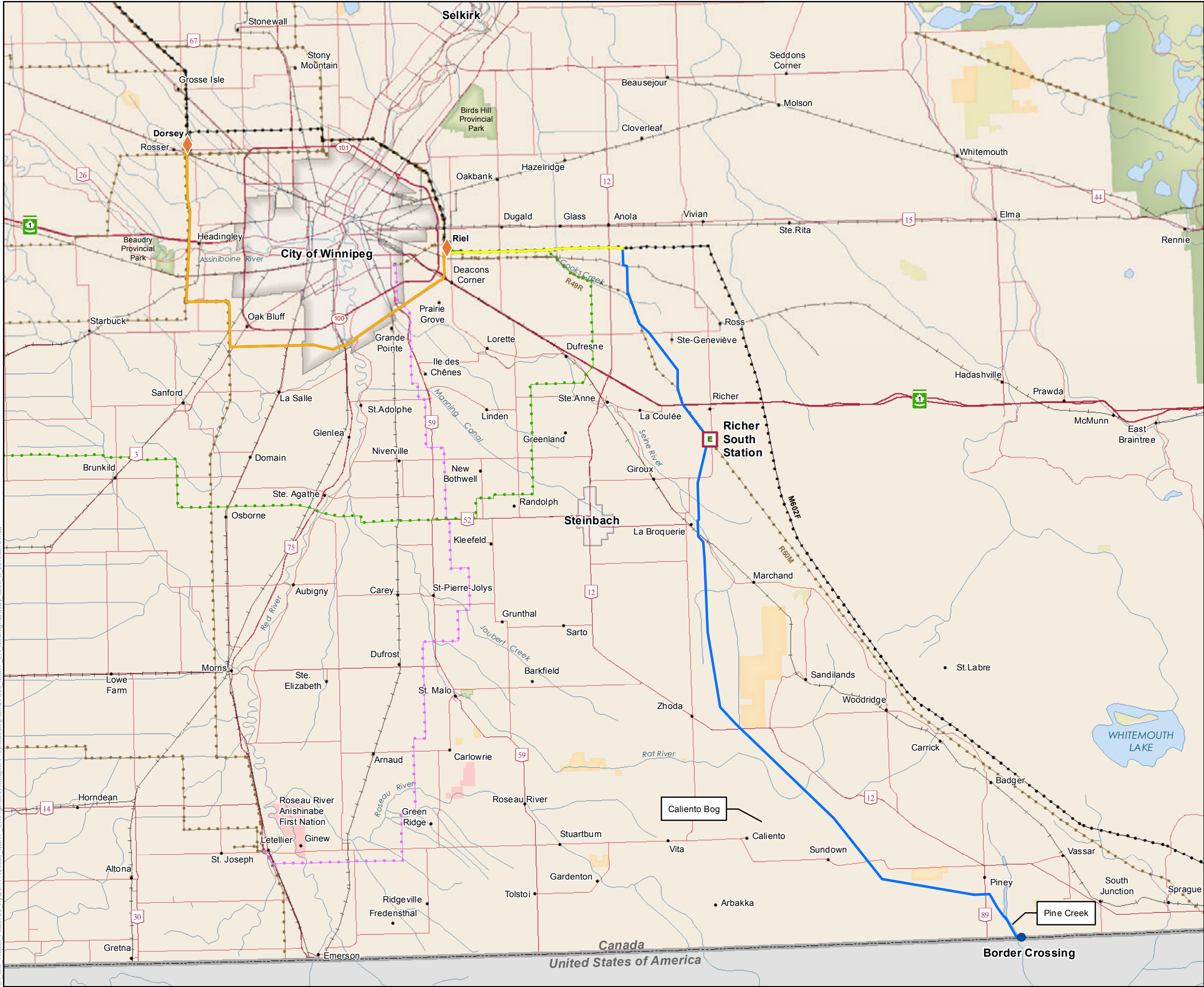
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Existing Transmission Corridors

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Manitoba-Minnesota Transmission Project

Project Infrastructure

- ◆ Converter Station (Existing)
- Border Crossing
- Final Preferred Route (Southern Loop Transmission Corridor - SLTC)
- Final Preferred Route (Riel-Vivian Transmission Corridor - RVT)
- Final Preferred Route (New Right-of-way)

Infrastructure

- Electrical Station
- Existing 500kV Transmission Line
- Existing 230kV Transmission Line
- Bipole III Transmission Line (Approved)
- St. Vital Transmission Complex (Planned)

Landbase

- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- Provincial Park

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: August 17, 2015

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New Right-of-Way

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Manitoba-Minnesota
Transmission Project

Project Infrastructure

- Final Preferred Route (Southern Loop Transmission Corridor - SLTC)
- Dorsey Converter Station
- Project Development Area (PDA)

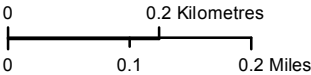
Infrastructure

- Existing 500kV Transmission Line
- Existing 230kV Transmission Line

Landbase

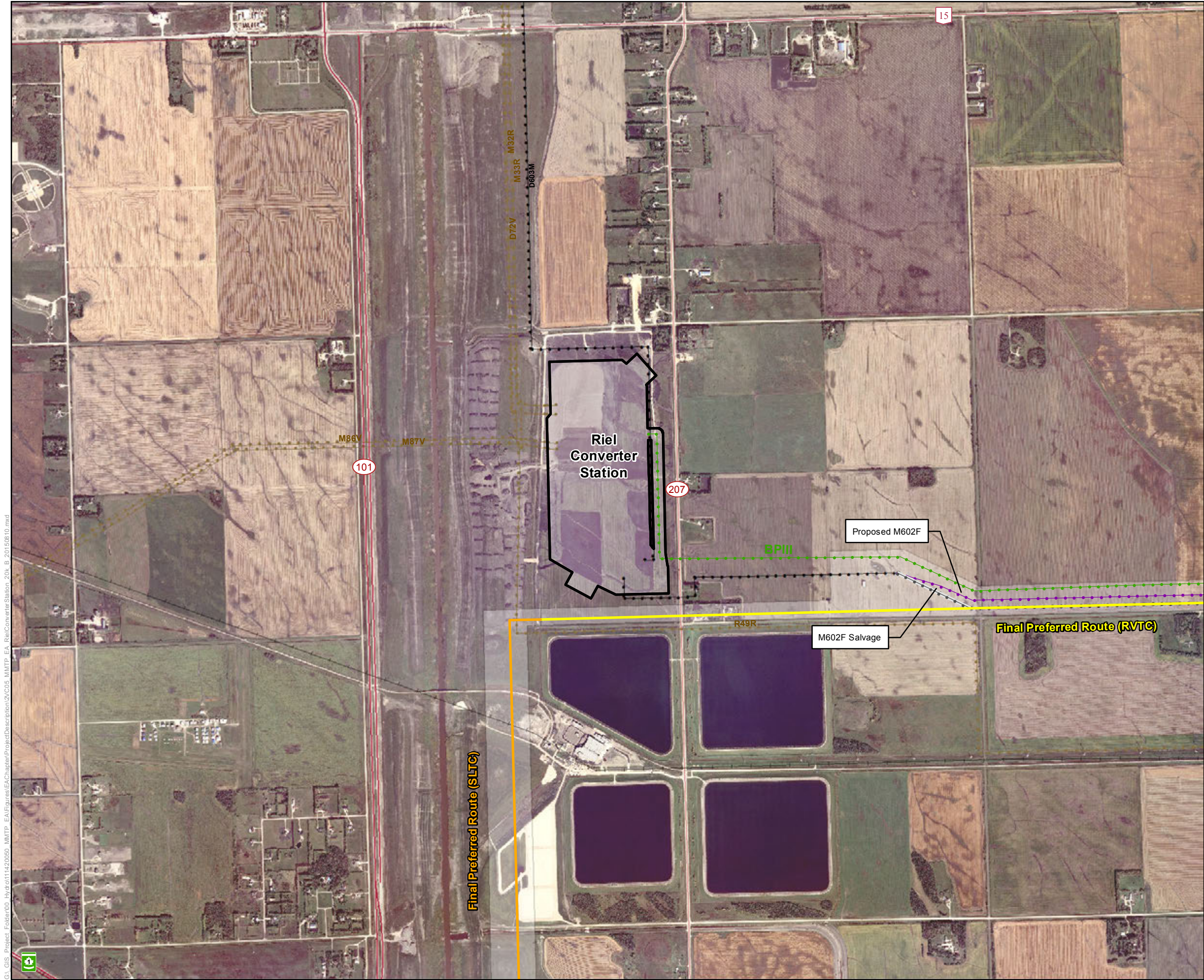
- Railway
- Provincial Road

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: August 17, 2015



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Manitoba-Minnesota
Transmission Project

Project Infrastructure

- Final Preferred Route (Southern Loop Transmission Corridor - SLTC)
- Final Preferred Route (Riel-Vivian Transmission Corridor - RVTC)
- M602F Modification (Salvage)
- M602F Modification (New)
- Project Development Area (PDA)

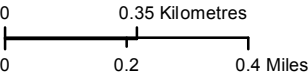
Infrastructure

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

Landbase

- Railway
- Trans Canada
- Provincial Highway
- Provincial Road

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: August 17, 2015



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Riel Converter Station

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Manitoba-Minnesota Transmission Project

Project Infrastructure

— G82R and G37C/S53G Transmission Line Re-alignments

G82R and G37C/S53G Transmission Line Salvage

— G37C Salvage

— G82R Salvage

Re-alignment Tower Locations

⊗ Existing Tower Location

⊗ New Tower Location

⊗ Existing Tower Location (Salvage)

Access Modifications

--- Existing/New Glenboro Station Access

--- New Glenboro Station Access

Expansion

⊞ Glenboro South Station Expansion

□ Project Development Area (PDA)

Infrastructure

— Existing 230kV Transmission Line

— Existing ROW

Landbase

• Community

— Railway

— Provincial Highway

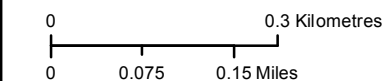
— Provincial Road

□ Rural Municipality

Coordinate System: UTM Zone 14N NAD83

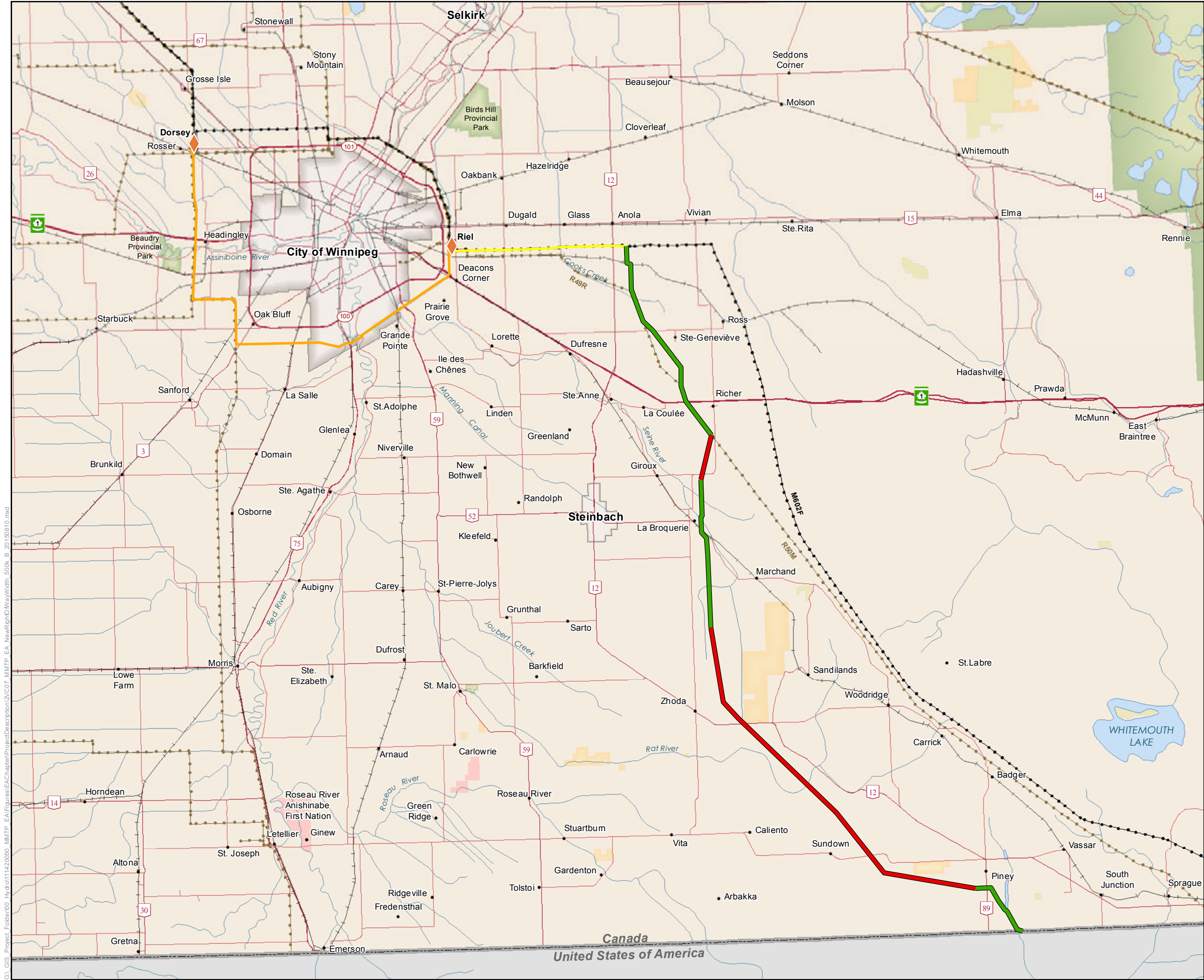
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Date Created: August 17, 2015



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Glenboro South Station



Manitoba-Minnesota Transmission Project

Project Infrastructure

- ◆ Converter Station (Existing)
- Final Preferred Route (Southern Loop Transmission Corridor - SLTC)
- Final Preferred Route (Riel-Vivian Transmission Corridor - RVTC)
- Final Preferred Route (New Right-of-way - 100m wide)
- Final Preferred Route (New Right-of-way - 80m wide)

Infrastructure

- Existing 500kV Transmission Line
- Existing 230kV Transmission Line

Landbase

- Community
- Railway
- Trans Canada
- Provincial Highway
- Provincial Road
- City
- First Nation Lands
- Ecological Reserve
- Wildlife Management Area
- Provincial Park

Coordinate System: UTM Zone 14N NAD83
Data Source: MBHydro, ProvMB, NRCAN
Date Created: August 17, 2015

0 5 10 Kilometres
0 5 10 Miles



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New Right-of-Way Width