

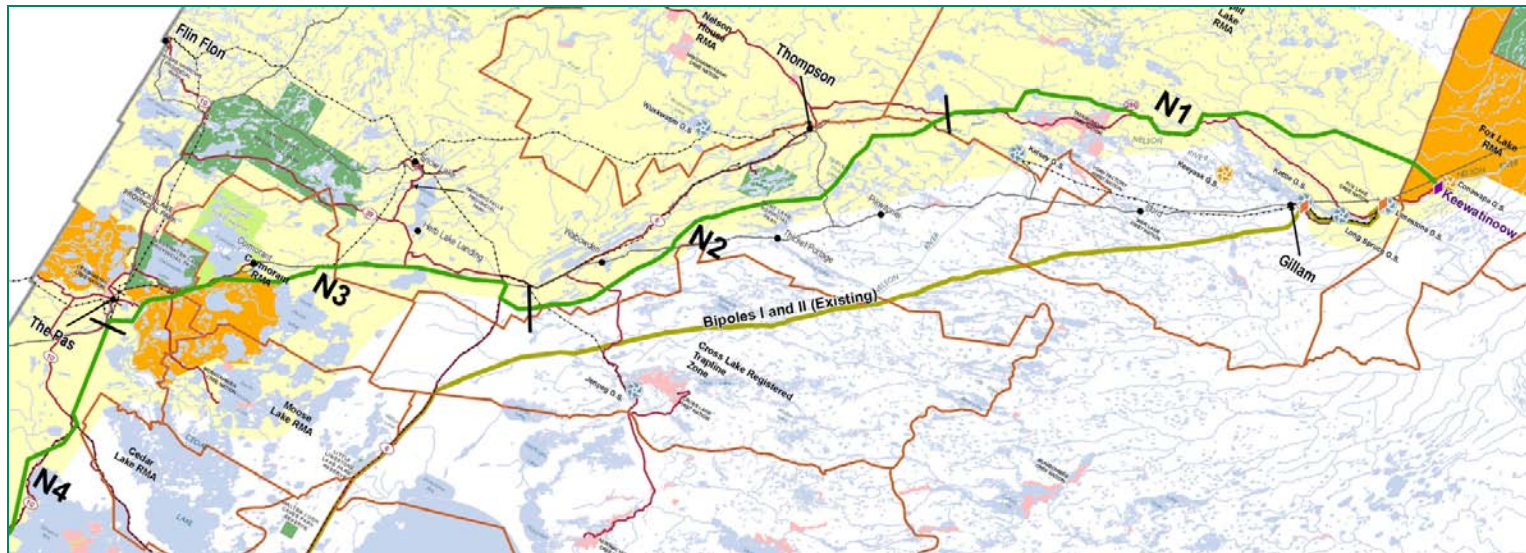
Bipole III Transmission Project

Clean Environment Commission
Public Hearings

Line Construction
Glenn Penner

Northern Construction

- Access Trails
- Clearing Right of Way
- Construction of Transmission Line



Access Trails



Access – Ice Crossings



Access – Ice Crossings



Clearing - Equipment



Clearing - Equipment



Clearing - Equipment



Clearing



Clearing - ESS



Clearing – ESS



Clearing - ROW



Clearing - ROW



Clearing ROW



Construction - Foundations



Construction - Foundations



Construction – Tower Assembly



Construction – Tower Erection



Mobile Camps



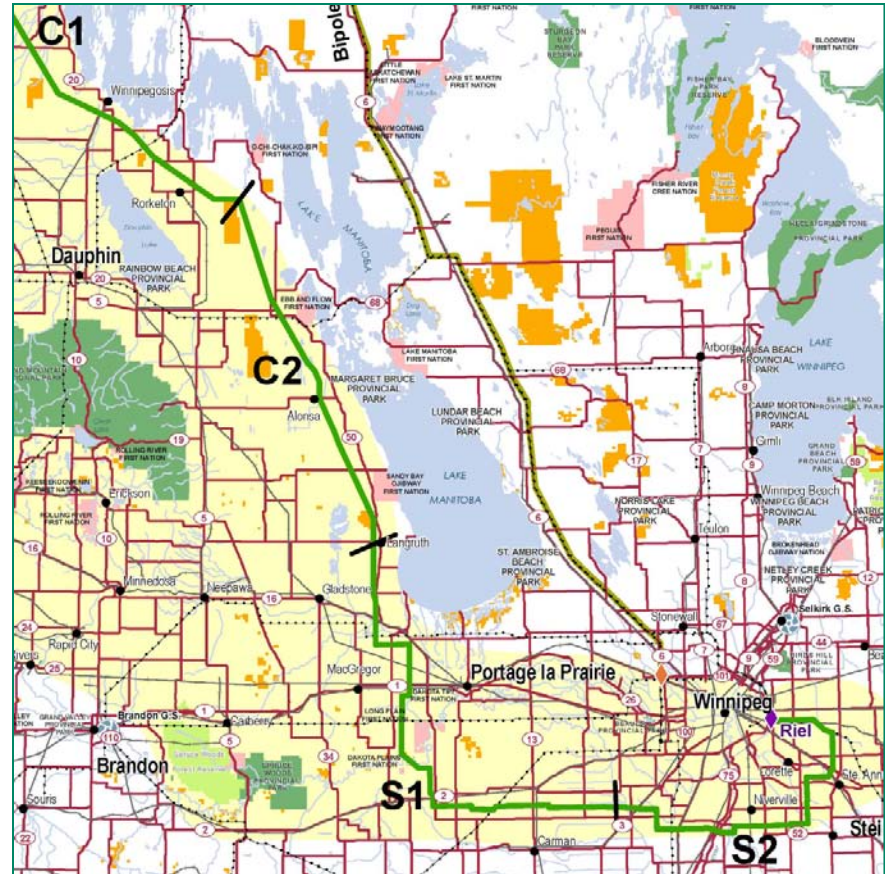
Mobile Camps



Southern Construction

3 Stages of Construction

- Foundations
- Towers
- Conductor



Construction - Foundations



Construction - Foundations



Construction-Tower Assembly



Construction – Tower Erection



Construction - Stringing



Contracting Strategies

- Transmission Line: 8 Construction Sections
 - 4 - Northern ~ 200 km per section
 - 2 - Central ~ 150 km per section
 - 2 - Southern ~ 150 per section
- Clearing and Construction separate contracts

Contracting Strategies

- Negotiate clearing contracts with First Nation Communities
- Tendered Contracts – Hiring Preferences
- Equipment Operator Apprenticeship Opportunities

Business Opportunities

- Various potential business opportunities exist for local companies:
 - Fuel supply
 - Accommodations
 - Food services/catering
 - Trucking
 - Equipment rental

Safety and Health

- Workplace Safety and Health
- Contractor Safety Management Programs
- Bipole III Safety Officer

Environment

- Environment Act Licence
- Construction Environmental Protection Plan
- Contractor Environmental Management Programs
- Environmental Officer / Inspector

Thank you