

### Bipole III Transmission Project

#### Project Infrastructure

- Final Preferred Route
- Converter Station Site
- AC Collector Lines
- Ground Electrode Line
- Ground Electrode Site
- Construction Power (KN36)
- Manitoba Hydro and Contractor Work Area Site
- Construction Power Site
- Construction Camp Site
- Local Study Area

#### Infrastructure

- Converter Station
- Generating Station
- Transmission Line

#### Access

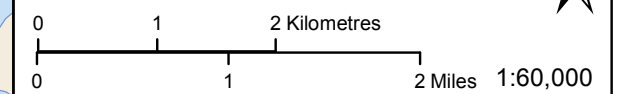
- 12 Proposed Access Route
- 12RT Proposed Access Point\*
- 12 Abandoned Rail crossing
- 12 Rail crossing
- 12 Transmission Line Crossing
- 12 Major Stream Crossing

\* R=Access point along existing highway  
T= Access point along Bipole III Final Preferred Route

#### Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Rural Municipality

Coordinate System: UTM Zone 14N NAD83  
Data Source: MBHydro, Stantec, ProvMB  
Date Created: October 08, 2013



## Construction Access Opportunities Northern Infrastructure

File Location: G:\GIS\Project\_Folder\00\_Hydro\11465027\_BPIII\_SoilsTerrainArcMap\Access\_Management\BPIII\_EIS\_KeewatinooGSAccessManagementPlan\_B\_26K\_20131009.mxd

G:\GIS\_Project\_Folder\0221-Hydro\11255079\_BPIII\_Soils\DD\BPIII\AccessDatabaseTables\_2010412.mxd

PROPOSED ACCESS POINTS				
<i>ID</i>	<i>Easting</i>	<i>Northing</i>	<i>Comments</i>	<i>Access Type</i>
89R	448774	6281736	Access point 89 along Conawapa Road	Road
89T	448632	6281801	Access point 89 along Conawapa Road	ROW
90R	448127	6279302	Access point 90 along Conawapa Road	Road
90T	447812	6279451	Access point 90 along Conawapa Road	ROW
91RT	442668	6271754	Access to Conawapa Road	Road/ROW

PROPOSED ACCESS ROUTES						
<i>ID</i>			<i>Description</i>	<i>Rationale</i>	<i>Issues</i>	<i>Access Length</i>
89			Access route from Conawapa Road to start of Construction Power Line (KN36)	Existing Access		150m to Conawapa Road
90			Within footprint of proposed Keewatinoow Converter Station	Existing Access		350m to Conawapa Road

### Bipole III Transmission Project

#### Project Infrastructure

- AC Collector Lines
- Construction Power (KN36)
- Construction Camp
- Start-Up Camp
- Henday Storage
- Limestone Stores Area
- MH & Contractor Work Area

#### Infrastructure

- Converter Station
- Generating Station
- Bipole I and II
- Transmission Line

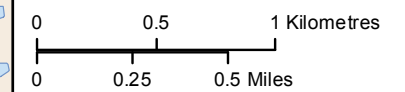
#### Access

- Proposed Access Route
  - Proposed Access Point\*
  - Abandoned Rail crossing
  - Rail crossing
  - Transmission Line Crossing
  - Major Stream Crossing
- \* R=Access point along existing highway  
T= Access point along Bipole III Final Preferred Route

#### Landbase

- Community
- City / Town
- First Nation
- National/Provincial Park
- Rural Municipality

Coordinate System: UTM Zone 14N NAD83  
Data Source: MBHydro, Stantec, ProvMB  
Date Created: October 08, 2013



## Construction Access Opportunities Northern Infrastructure

File Location: G:\GIS\_Projects\Folder05\_Hydro\1145927\_BP\11\_Soils\_Terrain\ArcMap\Access\_Management\BIP\11\_EIS\_LimestoneGS\AccessManagementPlan\_B\_29K\_20120606.mxd

G:\GIS\_Project\_Folder\0221-Hydro\11255079\_BPIII\_Soils\DD\BPIII\AccessDatabaseTables\_2010412\_1.mxd

PROPOSED ACCESS POINTS				
ID	Easting	Northing	Comments	Access Type
92R	430226	6264514	Access point 92 along PR 290 to KN36 and AC Collectors	Road
92aT	429915	6264469	Access point 92 to KN36 from PR 290	ROW
92bT	429630	6264331	Access point 92 to AC Collectors from PR 290	ROW
93RT	429986	6263896	Access point 93 to KN36 along PR 290	Road/ROW
94RT	429786	6263431	Access point 94 to AC Collectors along PR 290	Road/ROW
95RT	429385	6263192	Access point 95 to L61K along PR 290	Road/ROW
96RT	442668	6271754	Access point 96 to L61K along PR 290	Road/ROW

PROPOSED ACCESS ROUTES				
ID	Description	Rationale	Issues	Access Length
92a	Access route from PR 290 to Construction Power Line (KN36)	Access along borrow pit road		370m to PR 290
92b	Access route from PR 290 to AC Collector Lines	Access along borrow pit road		680m to PR 290

### Bipole III Transmission Project

#### Project Infrastructure

AC Collector Lines

#### Infrastructure

Generating Station

Bipole I and II

Transmission Line

#### Access

12 Proposed Access Route

12RT Proposed Access Point\*

12 Abandoned Rail crossing

12 Rail crossing

12 Transmission Line Crossing

12 Major Stream Crossing

\* R=Access point along existing highway

T= Access point along Bipole III Final Preferred Route

#### Landbase

Community

City / Town

First Nation

National/Provincial Park

Rural Municipality



Coordinate System: UTM Zone 14N NAD83

Data Source: MBHydro, Stantec, ProvMB

Date Created: October 08, 2013

0 0.5 1 Kilometres

0 0.25 0.5 Miles



### Construction Access Opportunities Northern Infrastructure

G:\GIS\_Project\_Folder\0221-Hydro\11255079\_BPIII\_Soils\DD\BPIII\AccessDatabaseTables\_2010412\_1.mxd

PROPOSED ACCESS POINTS				
<i>ID</i>	<i>Easting</i>	<i>Northing</i>	<i>Comments</i>	<i>Access Type</i>
97R	415269	6250361	Access point 97 along PR 280 to L61K	Road
97T	416469	6249688	Access point 97 along L61K to PR 280	ROW
98RT	415806	6250916	Access point 98 along Long Spruce Road and L61K	Road/ROW

PROPOSED ACCESS ROUTES						
<i>ID</i>			<i>Description</i>	<i>Rationale</i>	<i>Issues</i>	<i>Access Length</i>
97			Access route from PR 280 to L61K	Existing Access		1.6km to PR 280