# Birtle Transmission Project

Construction Access Management Plan Mapbook

June 08, 2020

Final 1.0

Prepared by:

Licensing and Environmental Assessment Department

Manitoba Hydro



Document Owner: Licensing and Environmental Assessment Department Transmission Planning and Design Division Transmission Business Unit

Manitoba Hydro

## Version Final 1.0 List of Revisions - BTP Access Management Plan Mapbook

Number	Nature of Revision	Map/Table #	Revised By	Date
Final 1.0	Updated approaches, access routes and fences.	Maps 1-29	Manitoba Hydro	20200608

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<b>.</b>	Coor Data Date Vers	rdina So Cre ion:	ate Sys urce: M eated: J Final 1.	tem: U B Hyd une 08 0	TM Zoi ro, Pro 3, 2020
Manitoba Hydro	0		62.5 I	1	25 I
•				Me	etres
				1:5,	000

Zone 14N NAD83 ProvMB, NRCAN 20	Land Base ← Transmission Line
	<ul> <li>Highway</li> <li>Major Road</li> </ul>
	— Local Road
250	-+ Railway (Operational)
	⊢ Railway (Discontinued)
S	Parcel Fabric
	Rural Municipality
)	Community Pasture

= Right of Way Birtle South Station

\* Tower locations subject to final design

× - Load Restriction ----- Bypass Trail

X - Restricted Access

Points of Access

Field Access

=== New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

\* Some road names have not been verified, use with discretion

### Approaches/Fences

Fence
 Proposed Permanent Approach
 Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



	Coordinate System: UTM Zone 14 Data Source: MB Hydro, ProvMB Date Created: June 08, 2020 Version: Final 1.0
Manitoba Hydro	0 62.5 125
	1:5,000



= Right of Way

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Birtle South Station
* Tower locations subject to final design
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#### Points of Access Existing Gravel Road

\* Some road names have not been verified, use with discretion

Existing Gravel/Dirt Road Field Access --- New Trail X - Restricted Access × - Load Restriction ----- Bypass Trail

## Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



	Coordinate System: UTM Zone 14N N/ Data Source: MB Hydro, Prov/MB, NR/ Date Created: June 08, 2020 Version: Final 1.0					
Manitoba Hydro	0 62.5 125					
	Metres					
	1:5,000					

AD83		
CAN	<ul> <li>Transmission Line</li> </ul>	
	— Highway	
	— Major Road	
050	— Local Road	
250	🕂 Railway (Operational)	
	+ Railway (Discontinued)	
	Parcel Fabric	
	🗔 Rural Municipality	
	Community Pasture	

Birtle South Station

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* Tower locations subject to final design
```

#### X - Restricted Access × - Load Restriction ----- Bypass Trail

Points of Access

Field Access

--- New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

\* Some road names have not been verified, use with discretion

## Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



Manitoba	Coordinate System: U Data Source: MB Hyd Date Created: June 08 Version: Final 1.0			
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	1:5,			

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		Me	tres		-		
		1:5,0	00				

#### Land Base •• Transmission Line Highway Major Road --- Local Road

-+ Railway (Operational) ⊢⊢ Railway (Discontinued)
 □ Parcel Fabric

# Rural Municipality Community Pasture

#### Tower Location 💥 Angle Tower Location

Project Infrastructure

= Right of Way Birtle South Station

\* Tower locations subject to final design

## \* Some road names have not been verified, use with discretion

Points of Access

#### Existing Gravel Road Existing Gravel/Dirt Road Field Access === New Trail X - Restricted Access × - Load Restriction ----- Bypass Trail

### Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



- Major Road

- Local Road

Parcel Fabric

-+ Railway (Operational)

Rural Municipality
Community Pasture

--+ Railway (Discontinued)

250

Birtle South Station

\* Tower locations subject to final design

= Right of Way

Manitoba Hydro

0

62.5

125

Metres

1:5,000

 Existing Gravel/Dirt Road	0	Proposed Permanent Approach
 Field Access	0	Proposed Temporary Approach

--- New Trail

X - Restricted Access

\* Some road names have not been verified, use with discretion

× - Load Restriction

----- Bypass Trail

## Birtle Transmission Project **Construction Access Opportunities**



	Coordinate System: UTM Zone 14 Data Source: MB Hydro, ProvMB, Date Created: June 08, 2020 Version: Final 1.0	
Manitoba Hydro	0 62.5 125	1
	Metres	
	1:5,000	

em: UTM Zone 14N NAD83	Land Base
Hydro, ProvMB, NRCAN	<ul> <li>Transmission Line</li> </ul>
ne 08, 2020	— Highway
	— Major Road
405 050	— Local Road
125 250	🕂 Railway (Operational
	+ Railway (Discontinue
Metres	Parcel Fabric
1:5,000	🗔 Rural Municipality
1.5,000	Community Pasture

#### nd Base Transmission Line

Highway Major Road Local Road

Railway (Operational) Railway (Discontinued) Parcel Fabric

#### Tower Location 💥 Angle Tower Location

= Right of Way

Project Infrastructure

Birtle South Station \* Tower locations subject to final design

#### Points of Access Existing Gravel Road

\* Some road names have not been verified, use with discretion

Existing Gravel/Dirt Road Field Access === New Trail X - Restricted Access × - Load Restriction ----- Bypass Trail

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



Manitoba Hydro	Hydro, ProvMB, NRCAN ne 08, 2020	Land Base     Transmission Line     Highway     Major Road     Local Road     Railway (Operational)     Parcel Fabric     Rural Municipality     Community Pasture	Project Infrastructure ▲ Tower Location ★ Angle Tower Location ← Final Preferred Route ← Right of Way ■ Birtle South Station *Tower locations subject to final design	Points of Access Existing Gravel Road Existing Gravel/Dirt Ro Field Access New Trail Factor Access Load Restriction Bypass Trail Some road names have not been verified, use with discretion
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- Approaches/Fences

   Fence

   Proposed Permanent Approach

   Proposed Temporary Approach

## Birtle Transmission Project Construction Access Opportunities



Manitoba Hydro	Coordinate System: UTM Zone 14N NAE Data Source: MB Hydro, ProvMB, NRC/ Date Created: June 08, 2020 Version: Draft	
	0 62.5 125	
	Metres	
	1:5,000	

AD83	Land Base
CAN	<ul> <li>Transmission Line</li> </ul>
	- Highway
	— Major Road
250 	— Local Road
	🕂 Railway (Operational)
	+ Railway (Discontinued)
	Parcel Fabric
	🗔 Rural Municipality
	Community Pasture

Angle Tower Location
 Final Preferred Route
 Right of Way

```
Birtle South Station
* Tower locations subject to final design
```

Project Infrastructure

Tower Location

#### Points of Access Existing Gravel Road

Existing Gravel/Dirt Road
 Existing Gravel/Dirt Road
 Field Access
 New Trail
 X = Restricted Access
 X = Load Restriction

## Approaches/Fences

- Proposed Permanent Approach
   Proposed Temporary Approach
- Load Restriction
   Bypass Trail
- \* Some road names have not been verified, use with discretion

## Birtle Transmission Project Construction Access Opportunities



Coordinate System: UT Data Source: MB Hydro Date Created: June 08, Version: Final 1.0		
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5.0		

em: UTM Zone 14N NAD83	Land Base
B Hydro, ProvMB, NRCAN	●● Transmi
une 08, 2020	- Highway
0	- Major R
4.0-5	— Local Ro
125 25	0 -+ Railway
	⊢ Railway
Metres	Parcel F
1.5 000	🗔 Rural M
1:5,000	🔽 Commu







Railway (Discontinued)
 Parcel Fabric

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Rural MunicipalityCommunity Pasture
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#### Tower Location 💥 Angle Tower Location

Project Infrastructure

- = Right of Way
- Birtle South Station \* Tower locations subject to final design

#### Points of Access Existing Gravel Road

Existing Gravel/Dirt Road Field Access === New Trail X - Restricted Access

#### Approaches/Fences F Fence

Proposed Permanent Approach
 Proposed Temporary Approach

## × - Load Restriction

- ----- Bypass Trail
- \* Some road names have not been verified, use with discretion

## Birtle Transmission Project **Construction Access Opportunities**



<b>A</b> Manifestra	Coordinate System: UTM Data Source: MB Hydro, Date Created: June 08, 2 Version: Final 1.0		
Manitoba Hydro	0 62.5 125 L I I I Metro 1:5,00		



# •• Transmission Line

-+ Railway (Operational)

#### = Right of Way Birtle South Station \* Tower locations subject to final design

Project Infrastructure

💥 Angle Tower Location

Tower Location

#### \* Some road names have not been verified, use with discretion

Points of Access

Field Access

----- Bypass Trail

--- New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach
- X Restricted Access × - Load Restriction

## Birtle Transmission Project **Construction Access Opportunities**



A Manitoba Hydro	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0		
	0 62.5 125 25 Metres 1:5,000		

Land Base		
•••	Transmission Line	
_	Highway	
_	Major Road	
	Local Road	
-+	Railway (Operationa	

250





Parcel Fabric

## Rural MunicipalityCommunity Pasture

#### Tower Location 💥 Angle Tower Location

Project Infrastructure

= Right of Way

Birtle South Station \* Tower locations subject to final design

#### Points of Access Existing Gravel Road

\* Some road names have not been verified, use with discretion

Existing Gravel/Dirt Road Field Access === New Trail X - Restricted Access × - Load Restriction

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach
- ----- Bypass Trail

## Birtle Transmission Project **Construction Access Opportunities**



Manitoba       Data Source: MB         Date Created: Jun       Version: Final 1.0         0       62.5	ne 08, 2020	Base       Project Infrastructure         ransmission Line       ▲ Tower Location         lighway       ▲ Angle Tower Location         tajor Road       ➡ Final Preferred Route         ocal Road       ➡ Right of Way         tailway (Operational)       ➡ Birtle South Station         tailway (Discontinued)       ➡ Birtle South Station         tarcel Fabric       * Tower locations subject to final design         tural Municipality       Community Pasture	Points of Access Existing Gravel Road Existing Gravel/Dirt Road Field Access New Trail Restricted Access Load Restriction Bypass Trail Some road names have not been verified, use with discretion	Approaches/Fences (F) Fence O Proposed Permanent Approach O Proposed Temporary Approach
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## Birtle Transmission Project Construction Access Opportunities



	Coordinate System: UTM Zo Data Source: MB Hydro, Pr Date Created: June 08, 2020 Version: Final 1.0		
Manitoba Hydro	0	62.5	125 I
			Metres
			1:5,000

M Zone 14N NAD83 , ProvMB, NRCAN 2020 5 250	Land Base ← Transmission Line Highway Major Road Local Road ← Railway (Operational
	⊢ Railway (Discontinue
es	Parcel Fabric
00	Rural Municipality

# ransmission Line

Railway (Operational) Railway (Discontinued)

#### = Right of Way Birtle South Station \* Tower locations subject to final design

Project Infrastructure

💥 Angle Tower Location

Tower Location

### \* Some road names have not been verified, use with discretion

X - Restricted Access

× - Load Restriction

----- Bypass Trail

Points of Access

Field Access

=== New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



<b>.</b>	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0
Manitoba Hydro	
3	Metres
	1:5,000

	Land Base		
	Transmission Line		
	_	Highway	
		Major Road	
		Local Road	
250	-+	Railway (Operational)	
	+	Railway (Discontinued)	
	Parcel Fabric		
	Rural Municipality		
	Community Pasture		

Birtle South Station

#### \* Tower locations subject to final design

× - Load Restriction ----- Bypass Trail \* Some road names have not been verified, use with discretion

X - Restricted Access

Points of Access

Field Access

=== New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

### Approaches/Fences

- Fence
   Proposed Permanent Approach

   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0						
Manitoba Hydro	0 	62.5	125 I Metres	1 1	25 		
	1:5,000						

Lan	Land Base				
•••	Transmission Line				
_	Highway				
—	Major Road				
	Local Road				
-+	Railway (Operational)				
+	Railway (Discontinued)				
	Parcel Fabric				
	Rural Municipality				
	Community Pasture				

250

#### Project Infrastructure Tower Location 💥 Angle Tower Location

= Right of Way Birtle South Station

#### \* Tower locations subject to final design

\* Some road names have not been verified, use with discretion

Points of Access

Existing Gravel Road

Existing Gravel/Dirt Road

## Approaches/Fences

- Fence
   Proposed Permanent Approach

   Proposed Temporary Approach
- Field Access === New Trail X - Restricted Access × - Load Restriction
  - ----- Bypass Trail

## Birtle Transmission Project **Construction Access Opportunities**



	Data Date	linate System Source: MB H Created: June on: Final 1.0	Чy
Manitoba Hydro	0 L	62.5	Ν
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Metres									
1:5,000									



Rural Municipality Community Pasture

# Project Infrastructure ▲ Tower Location ★ Angle Tower Location

Final Preferred Route
 Right of Way
 Birtle South Station

### \* Tower locations subject to final design

- Bypass Trail
  - \* Some road names have not been verified, use with discretion

Points of Access

Field Access

--- New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

## Approaches/Fences

- Proposed Permanent Approach
   Proposed Temporary Approach
- × Restricted Access
   × Load Restriction
   Bypass Trail

## Birtle Transmission Project Construction Access Opportunities



A Manitoba Hydro	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0 0 62.5 125 250  Metres 1:5,000	Land Base → Transmission Line → Highway → Major Road → Local Road → Railway (Operational) → Railway (Discontinued) → Parcel Fabric ↓ Rural Municipality ↓ Community Pasture	Project Infrastructure         ▲       Tower Location         ★       Angle Tower Location         ➡       Final Preferred Route         ➡       Right of Way         ➡       Birtle South Station         *Tower locations subject to final design	Points of Access Existing Gravel Road Existing Gravel/Dirt Road Field Access New Trail Restricted Access Load Restriction Bypass Trail * Some road names have not been verified, use with discretion
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 Approaches/Fences

 Fence

 Proposed Permanent Approach

 Proposed Temporary Approach

## Birtle Transmission Project Construction Access Opportunities



<b>1</b>	Data Date	a So e Cre	urce: M	tem: UT B Hydro une 08,∄ 0
Manitoba Hydro	0		62.5	12
				Met
				1:5,0

TM Zone 14N NAD83	Land Base
ro, ProvMB, NRCAN	<ul> <li>Transmission Line</li> </ul>
3, 2020	— Highway
	— Major Road
05 050	— Local Road
25 250	-+ Railway (Operation
	⊢ Railway (Discontin
etres	Parcel Fabric
000	🗔 Rural Municipality
500	Community Pastur

# Project Infrastructure

- + Railway (Operational)
- Railway (Discontinued)
   Parcel Fabric

## Rural MunicipalityCommunity Pasture

#### Tower Location 💥 Angle Tower Location

- = Right of Way
  - Birtle South Station \* Tower locations subject to final design

## ----- Bypass Trail

Points of Access

Field Access

=== New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

\* Some road names have not been verified, use with discretion

## Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach
- X Restricted Access × - Load Restriction

## Birtle Transmission Project **Construction Access Opportunities**



Manitoba Hydro	Coordinate System: UTM Data Source: MB Hydro, Date Created: June 08, 2 Version: Final 1.0				
	0 62.5 125				
	1:5,000				

M Zone 14N NAD83 , ProvMB, NRCAN 2020 5 250  es 00	Land Base Transmission Line Highway Major Road Local Road Railway (Operational ⊢ Railway (Discontinue Parcel Fabric Rural Municipality
00	Community Pasture

ansmission Line ghway ajor Road cal Road ailway (Operational) ailway (Discontinued)

#### Tower Location

- 💥 Angle Tower Location
- = Right of Way Birtle South Station

Project Infrastructure

\* Tower locations subject to final design

#### Field Access --- New Trail

\* Some road names have not been verified, use with discretion

Existing Gravel Road

Existing Gravel/Dirt Road

Points of Access

- X Restricted Access × - Load Restriction
- ----- Bypass Trail

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



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Manitoba Hydro	0	62	2.5	12
				Met
				1:5,0

n: UTM Zone 14N NAD83 Hydro, ProvMB, NRCAN ie 08, 2020	Land ⊷
125 250	+
Metres	
:5,000	







Railway (Discontinued) Parcel Fabric

Rural Municipality Community Pasture

#### Tower Location 💥 Angle Tower Location

Project Infrastructure

= Right of Way

Birtle South Station \* Tower locations subject to final design

#### Points of Access Existing Gravel Road

\* Some road names have not been verified, use with discretion

Existing Gravel/Dirt Road Field Access --- New Trail X - Restricted Access × - Load Restriction Bypass Trail

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



Manitoba Hydro	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0 0 62.5 125 250 Metres 1:5,000	Land Base ← Transmission Line Highway Major Road Local Road ← Railway (Operationa + Railway (Discontinu Parcel Fabric Rural Municipality Community Pasture
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an	and Base				
٠	Transmission Line				
-	Highway				
_	Major Road				
	Local Road				
+	Railway (Operational)				
÷	Railway (Discontinued)				
	Parcel Fabric				
	Rural Municipality				

= Right of Way Birtle South Station

#### \* Tower locations subject to final design

#### === New Trail X - Restricted Access × - Load Restriction ----- Bypass Trail

Points of Access

Field Access

Existing Gravel Road

Existing Gravel/Dirt Road

#### Approaches/Fences F Fence

Proposed Permanent Approach
 Proposed Temporary Approach

- - \* Some road names have not been verified, use with discretion

## Birtle Transmission Project **Construction Access Opportunities**



<b>.</b>	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0							
Manitoba Hydro	0		62.5		25 I			2
-				Me	tres			
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3	Land Base			
	••	Transmission Line		
	—	Highway		
		Major Road		
		Local Road		
250	-+	Railway (Operational)		
	+	Railway (Discontinued)		
		Parcel Fabric		
		Rural Municipality		
		Community Pasture		

Project Infrastructure Tower Location 💥 Angle Tower Location 

#### = Right of Way Birtle South Station

\* Tower locations subject to final design

× - Load Restriction ----- Bypass Trail \* Some road names have not been verified, use with discretion

X - Restricted Access

Points of Access

Field Access

=== New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

### Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



A Manitoba Hydro	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0 0 62.5 125 250 Metres 1:5,000	Land Base → Transmission Line → Highway → Major Road → Local Road → Railway (Operational) → Railway (Discontinued) → Parcel Fabric □ Rural Municipality ⊂ Community Pasture	Project Infrastructure ▲ Tower Location ★ Angle Tower Location ← Final Preferred Route ← Right of Way ■ Birtle South Station * Tower locations subject to final desig
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#### Points of Access Existing Gravel Road

\* Some road names have not been verified, use with discretion

Existing Gravel/Dirt Road Field Access
 New Trail X - Restricted Access × - Load Restriction ----- Bypass Trail

## Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



	Coordinate System: U Data Source: MB Hyd Date Created: June 08 Version: Final 1.0					
Manitoba Hydro	0 		62.5	 	1: Me	
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e System: UTM Zone 14N NAD83 ce: MB Hydro, ProvMB, NRCAN ted: June 08, 2020	La •
inal 1.0	_
62.5 125 250	
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#### and Base Transmission Line Highway Major Road

 Local Road + Railway (Operational)

Railway (Discontinued)
 Parcel Fabric

Rural Municipality

Community Pasture

#### Project Infrastructure Tower Location 💥 Angle Tower Location

= Right of Way

Birtle South Station \* Tower locations subject to final design

## Existing Gravel Road

Points of Access

----- Bypass Trail

\* Some road names have not been verified, use with discretion

Field Access === New Trail X - Restricted Access × - Load Restriction

## Approaches/Fences

- Fence
   Proposed Permanent Approach
   Proposed Temporary Approach
- Existing Gravel/Dirt Road

## Birtle Transmission Project **Construction Access Opportunities**



	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0					
Manitoba Hydro	0 62.5 125 250 Metres 1:5,000					



= Right of Way Birtle South Station

#### \* Tower locations subject to final design

X - Restricted Access × - Load Restriction ----- Bypass Trail \* Some road names have not been verified, use with discretion

Points of Access

Field Access

--- New Trail

Existing Gravel Road

Existing Gravel/Dirt Road

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



<b>M</b> awitaha		∋ 14N NAD MB, NRCA			
Manitoba Hydro	0	62.5	125 1 1 1 Metres 1:5,000		250

Land Base				
•••	Transmission Line			
—	Highway			
—	Major Road			
	Local Road			
$\rightarrow$	Railway (Operational)			
$\cdot - +$	Railway (Discontinued)			
	Parcel Fabric			

Rural Municipality Community Pasture

# Project Infrastructure Tower Location Angle Tower Location

- Final Preferred Route
   Right of Way
- Birtle South Station
  \* Tower locations subject to final design

#### Points of Access Existing Gravel Road

----- Bypass Trail

\* Some road names have not been verified, use with discretion

Existing Gravel/Dirt Road
 Field Access
 New Trail
 Restricted Access
 Load Restriction

## Approaches/Fences

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project Construction Access Opportunities



Manitoba	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0 0 62.5 125 250	Land Base ← Transmission Line ← Highway ← Major Road ← Local Road ← Railway (Operational) ← ⊢ Railway (Discontinued)	Project Infrastructure         ▲         Tower Location         ★         Angle Tower Location         ➡         Final Preferred Route         ■         Right of Way         ■         Birtle South Station	Points of Access Existing Gravel Road Existing Gravel/Dirt Road Field Access New Trail X - Restricted Access X - Load Restriction	Approaches/Fences F Fence Proposed Permanent Approach Proposed Temporary Approach
	Metres	Parcel Fabric	* Tower locations subject to final design	Bypass Trail	
	1:5,000	Rural Municipality Community Pasture		* Some road names have not been verified, use with discretion	

## Birtle Transmission Project Construction Access Opportunities



Manitoba Hydro	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0 0 62.5 125 250 Metres 1:5,000	Land Base ← Transmission Line Highway Major Road Local Road ← Railway (Operations ← + Railway (Discontinu Parcel Fabric Rural Municipality Community Pasture
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n	d Base
•	Transmission Line
-	Highway
-	Major Road
_	Local Road
-	Railway (Operational)
-	Railway (Discontinued
	Parcel Fabric

💥 Angle Tower Location = Right of Way

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Birtle South Station
* Tower locations subject to final design
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Project Infrastructure

Tower Location

#### Points of Access

----- Bypass Trail

\* Some road names have not been verified, use with discretion

Existing Gravel Road Existing Gravel/Dirt Road Field Access === New Trail X - Restricted Access × - Load Restriction

#### Approaches/Fences F Fence

- Proposed Permanent Approach
   Proposed Temporary Approach

## Birtle Transmission Project **Construction Access Opportunities**



▲ Manitoba Hydro	Coordinate System: UTM Zone 14N NAD83 Data Source: MB Hydro, ProvMB, NRCAN Date Created: June 08, 2020 Version: Final 1.0 0 62.5 125 250  Metres 1:5,000	Land Base → Transmission Line → Highway → Major Road → Local Road → Railway (Operational) → Railway (Discontinued) □ Parcel Fabric □ Rural Municipality ⊂ Community Pasture	Project Infrastructure         ▲       Tower Location         ★       Angle Tower Location         ➡       Final Preferred Route         ➡       Right of Way         ➡       Birtle South Station         * Tower locations subject to final design	Points of Access Existing Gravel Road Existing Gravel/Dirt Road Field Access New Trail A Restricted Access Load Restriction Bypass Trail *Some road names have not been verified, use with discretion	Approaches/Fences © Fence O Proposed Permanent Approa O Proposed Temporary Approac
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## Birtle Transmission Project Construction Access Opportunities

Available in accessible formats upon request.