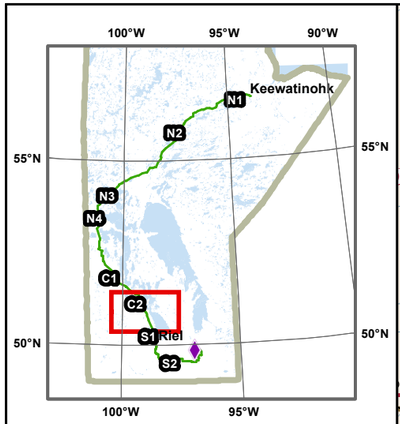


Bipole III Transmission Project

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, Stantec, ProvMB, NRCAN
Date Created: November 15, 2016

0 10 20 Kilometres
0 5 10 Miles

N

1:500,000

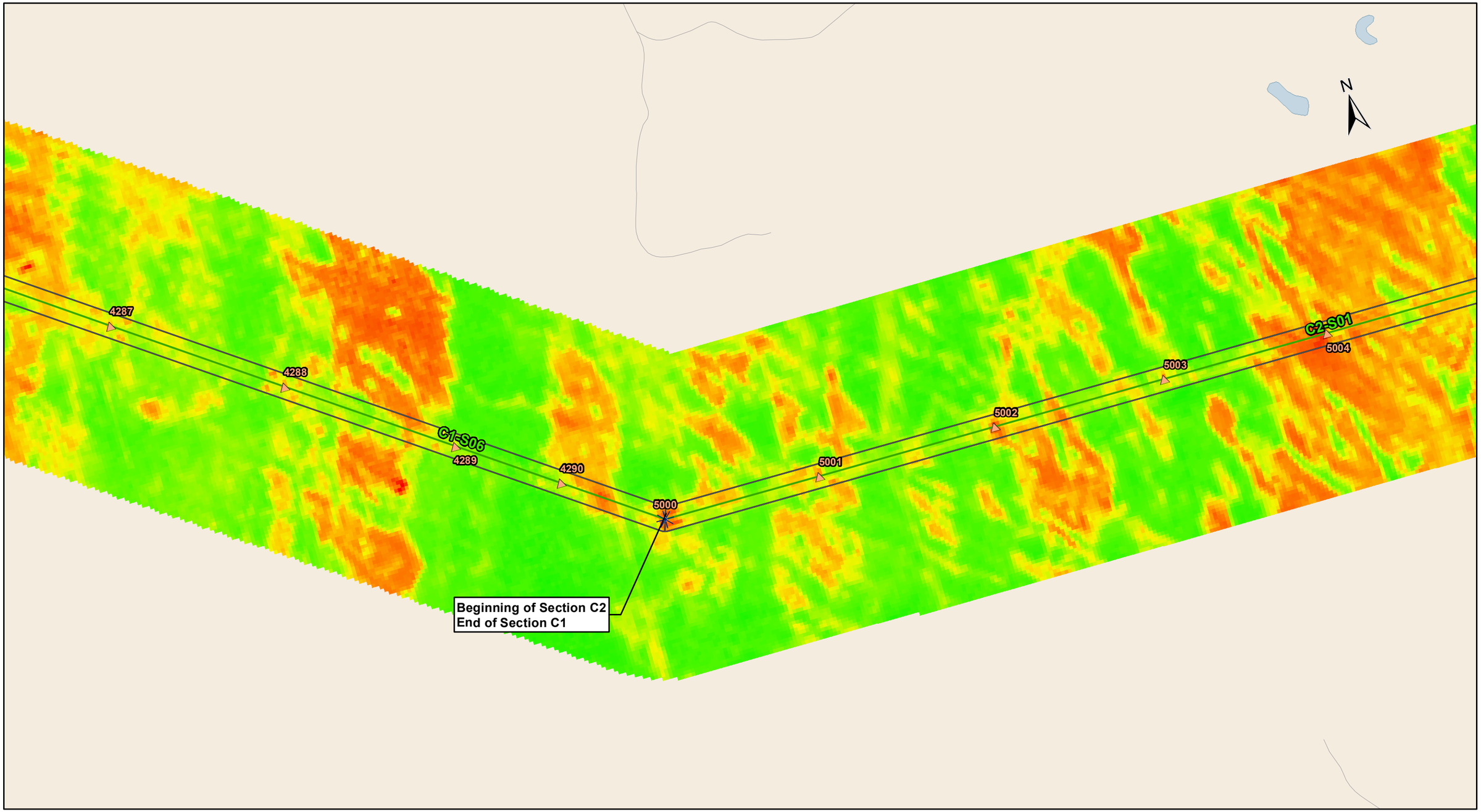
Legend

- Final Preferred Route
- Section C2
- Transmission Line
- Map Index Grid (1:10,000)
- First Nation
- Wildlife Management Area
- Provincial Park

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Bipole III Transmission Project
Normalized Difference Vegetation Index (NDVI)
Section C2 - Key Map Index

Map 4-300



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

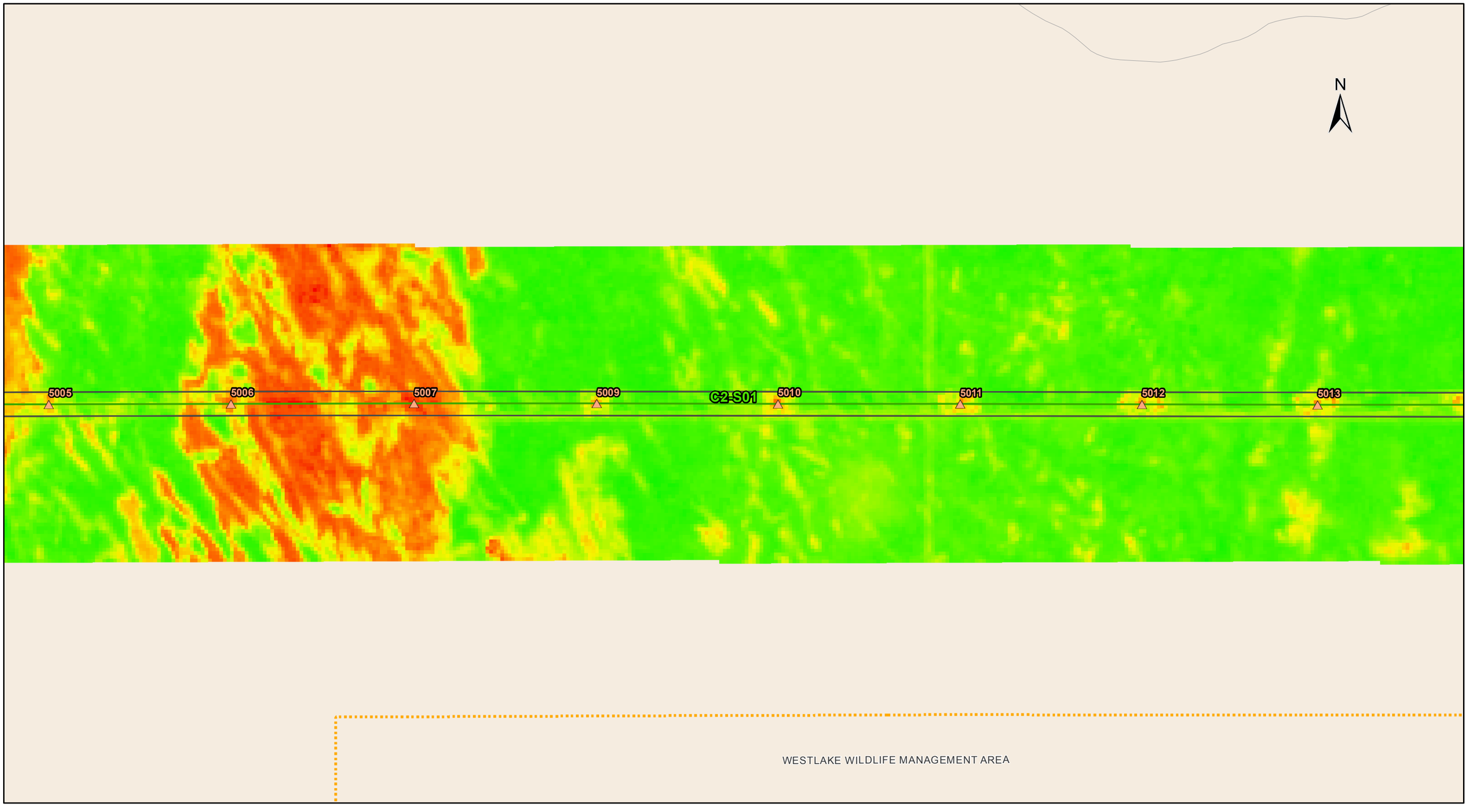
Landbase
- Local Road / Cart Track
- Waterbodies

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-1



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

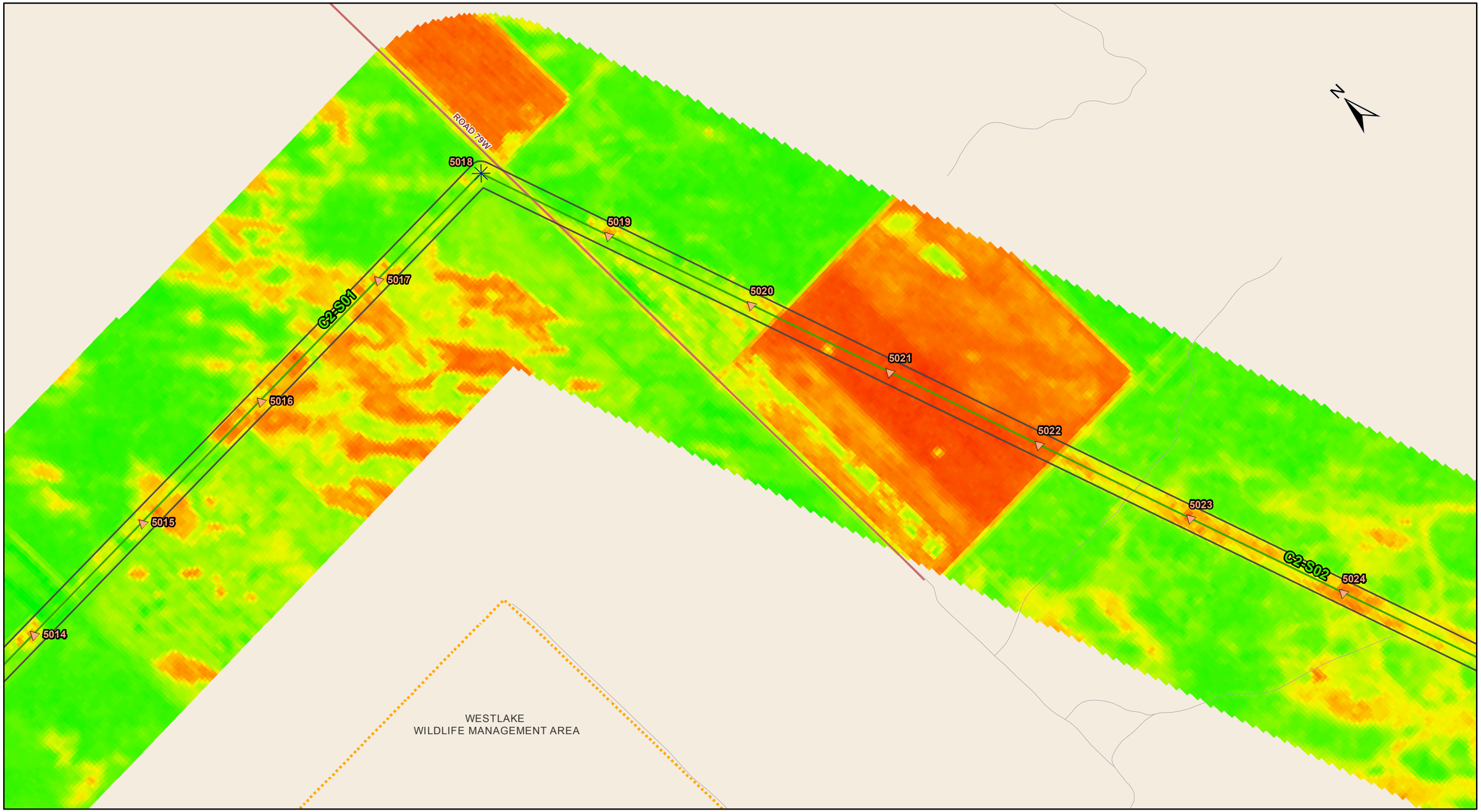
Landbase
- Local Road / Cart
- Wildlife Management Area

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-2



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers

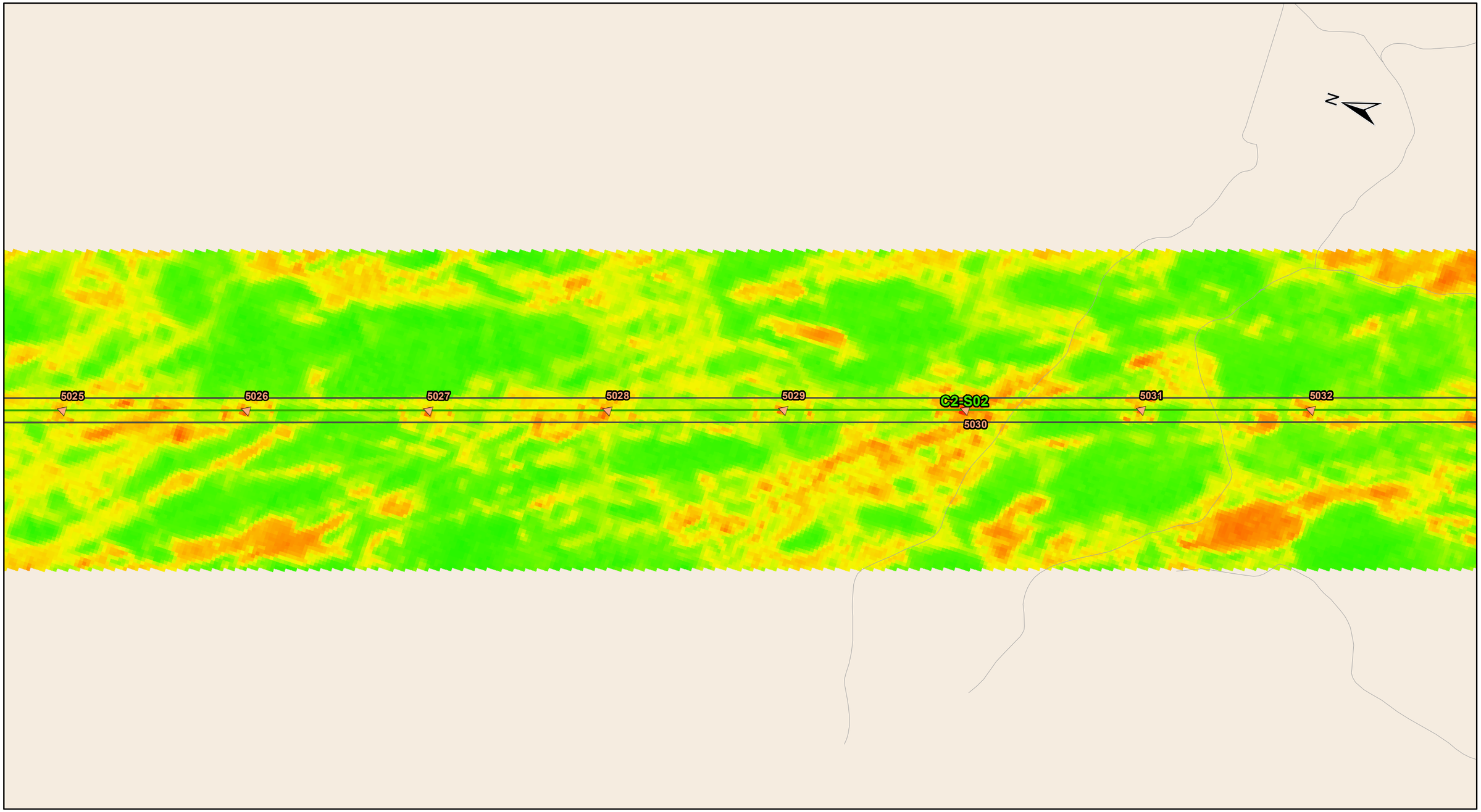
Landbase
- Major Road
- Local Road / Cart Track
- Wildlife Management Area

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-3



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

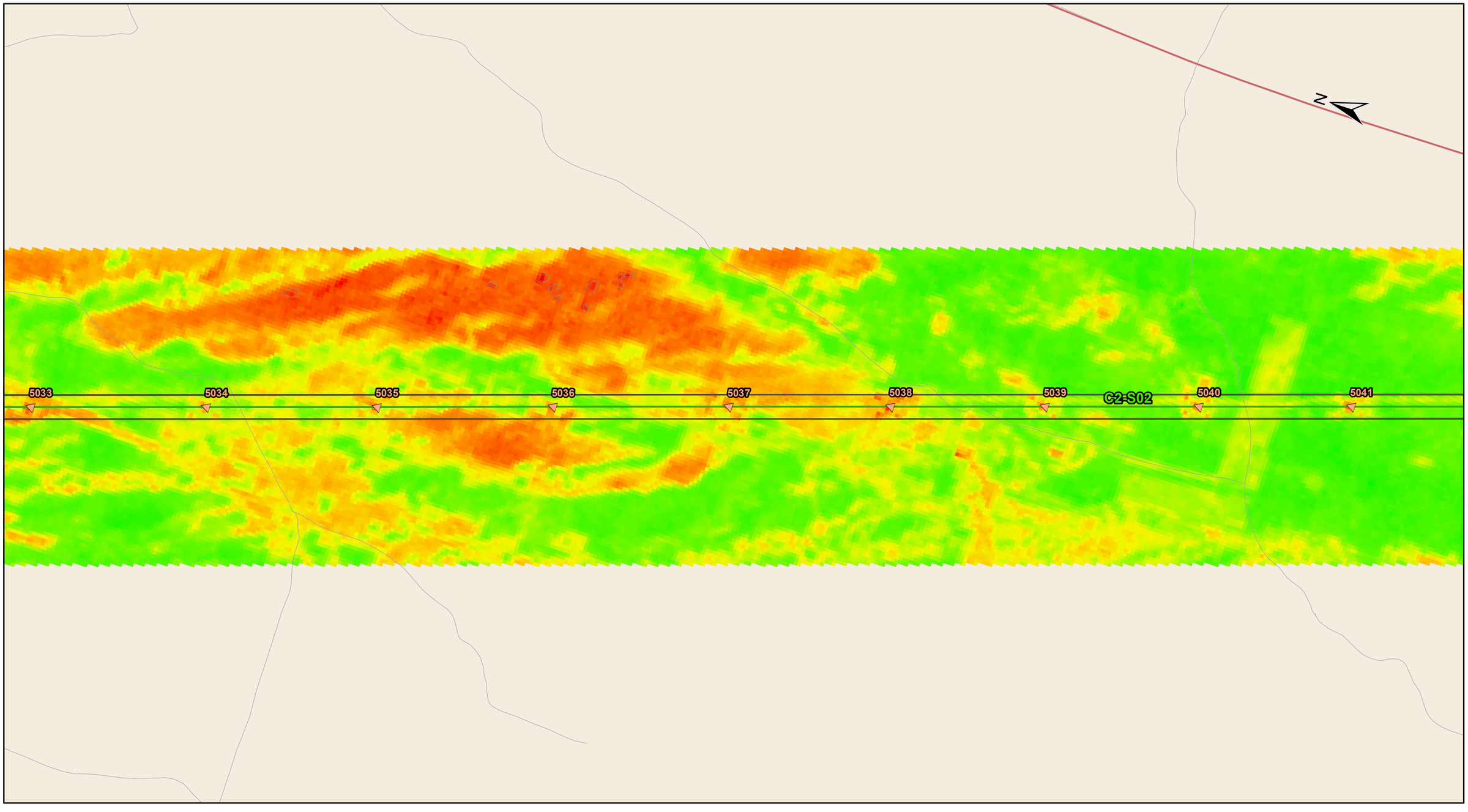
Landbase
- Local Road / Cart Track

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-4



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

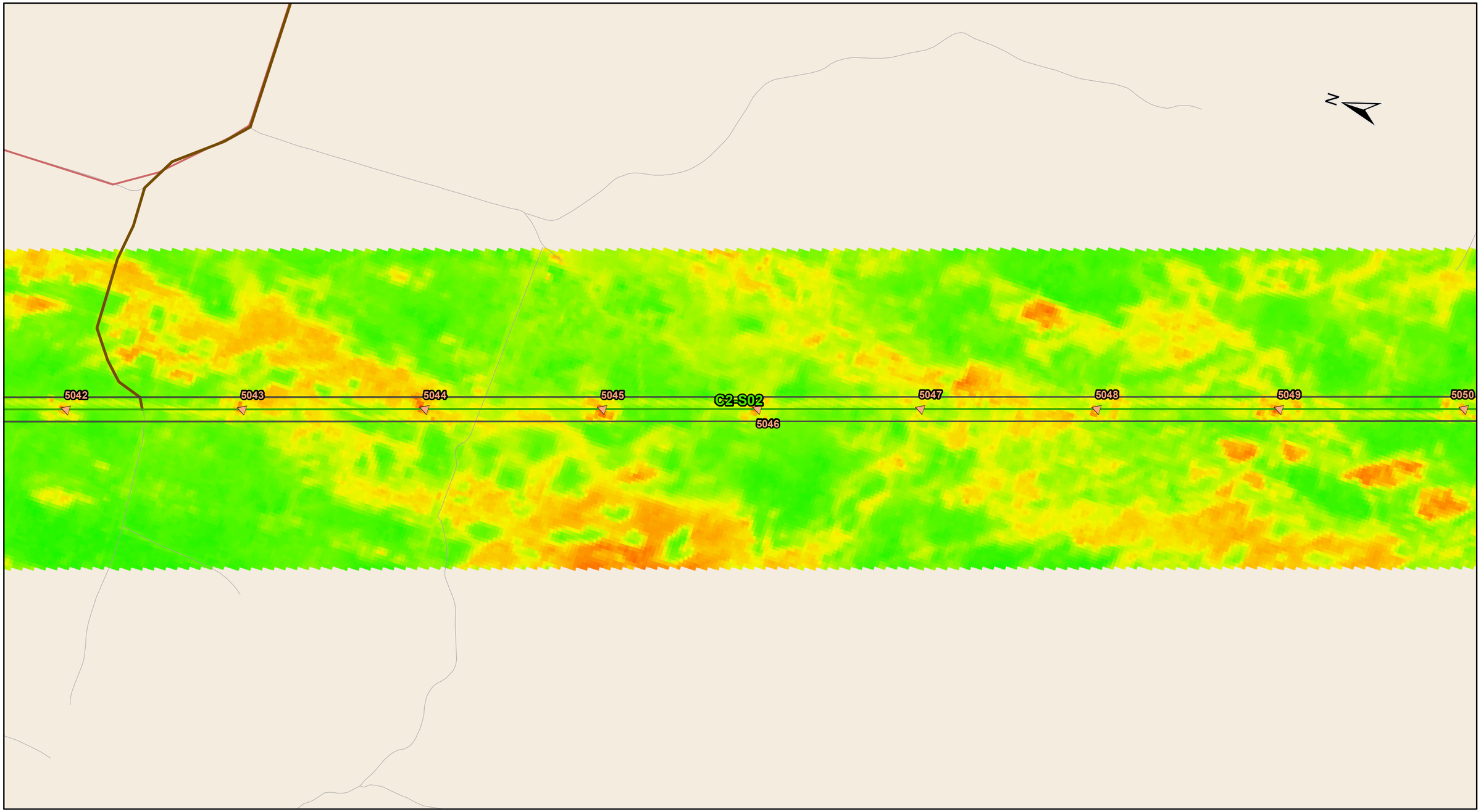
Landbase
- Major Road
- Local Road / Cart Track
- Waterbodies

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-5



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access

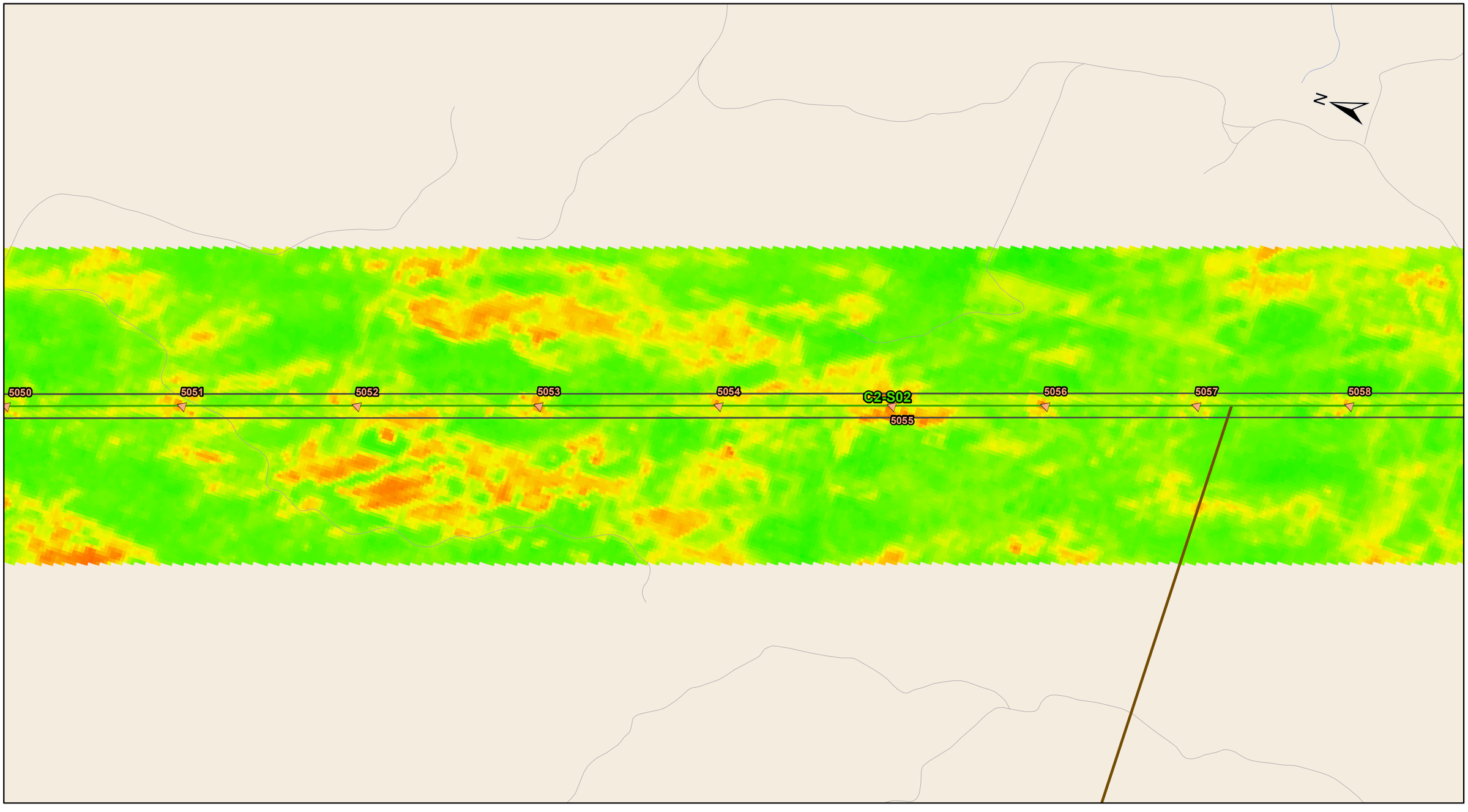
Landbase
- Major Road
- Local Road / Cart Track

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-6



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

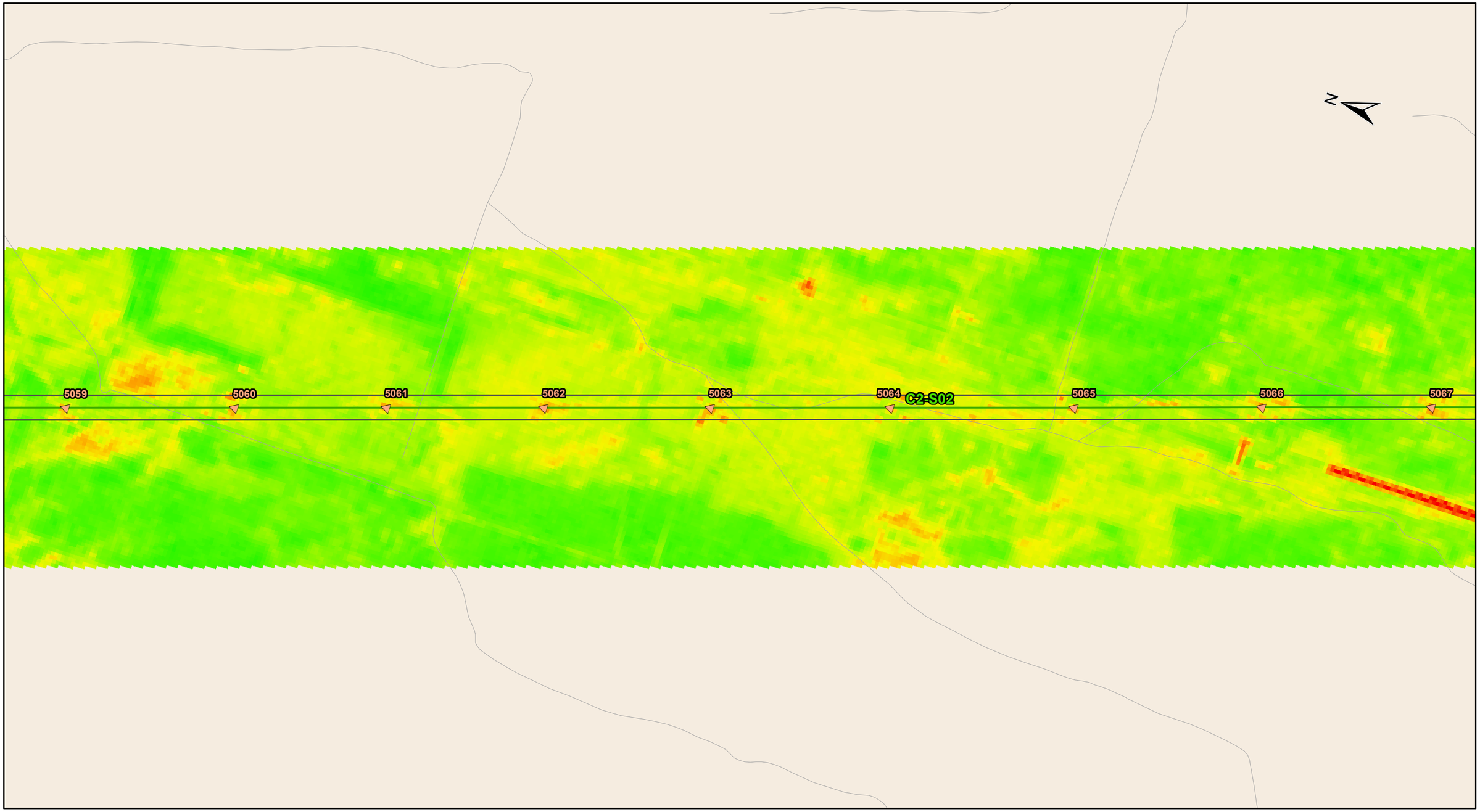
Landbase
- Local Road / Cart Track
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-7



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

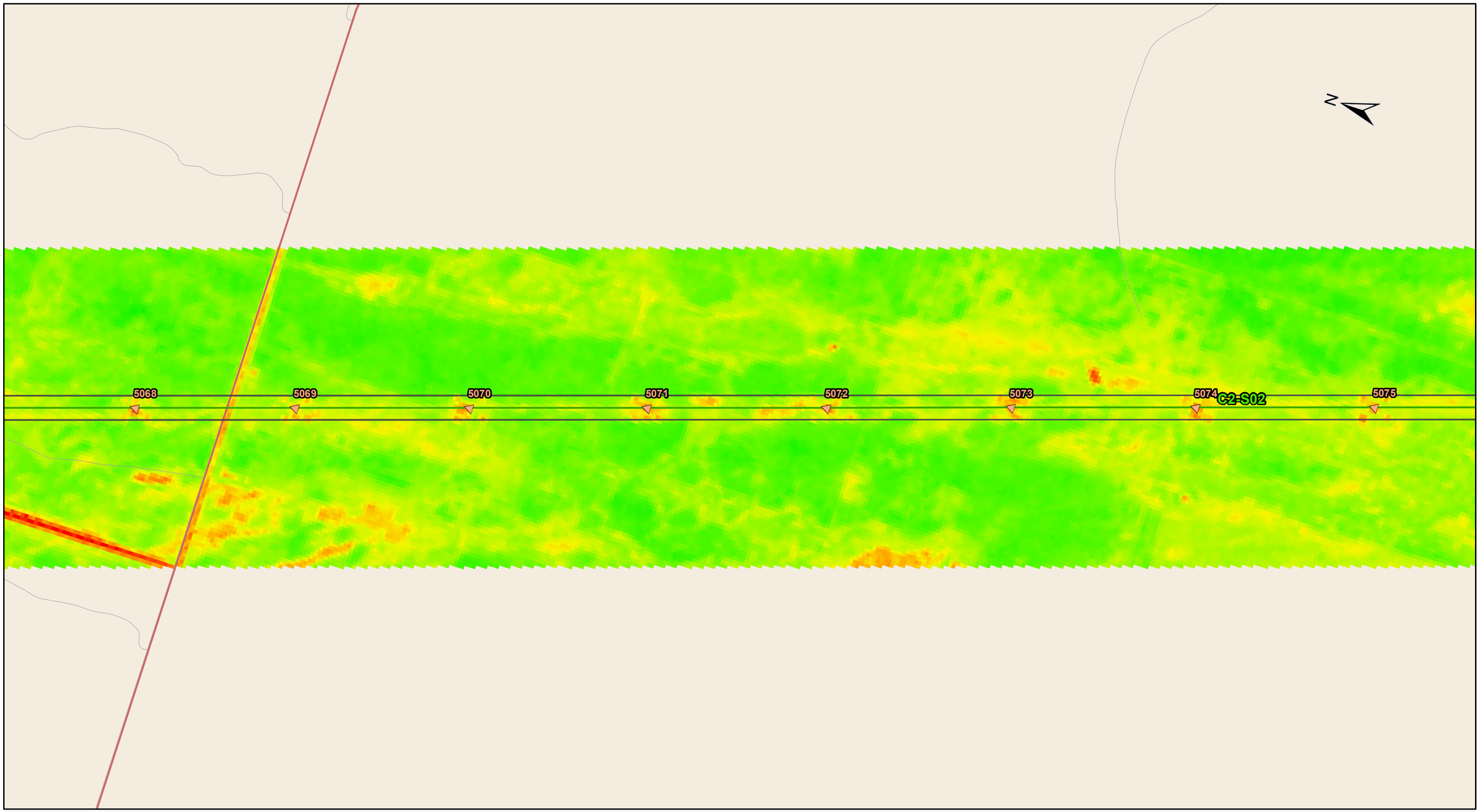
Landbase
- Local Road / Cart Track

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-8



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI

Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

Landbase

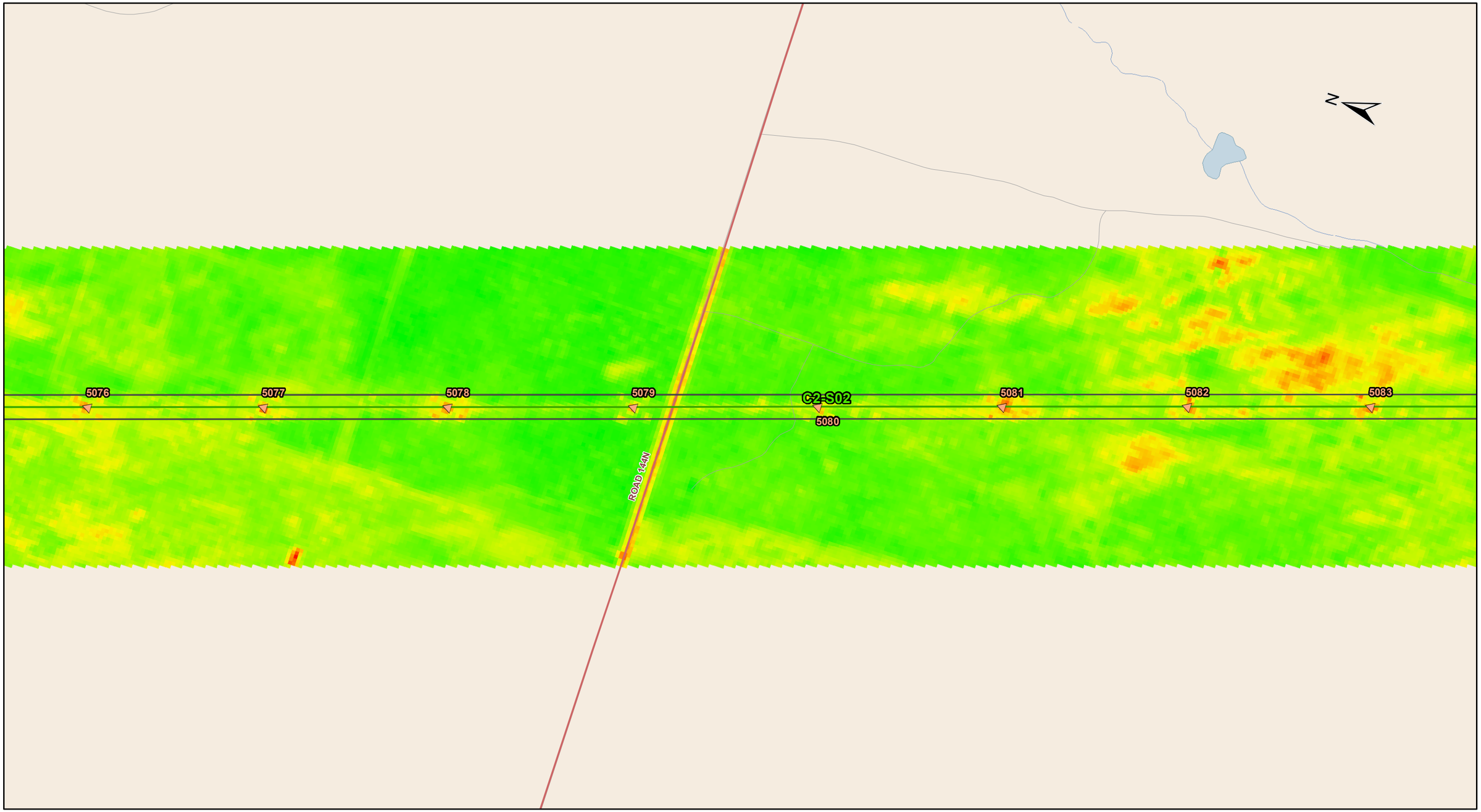
- Major Road
- Local Road / Cart Track

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-9



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

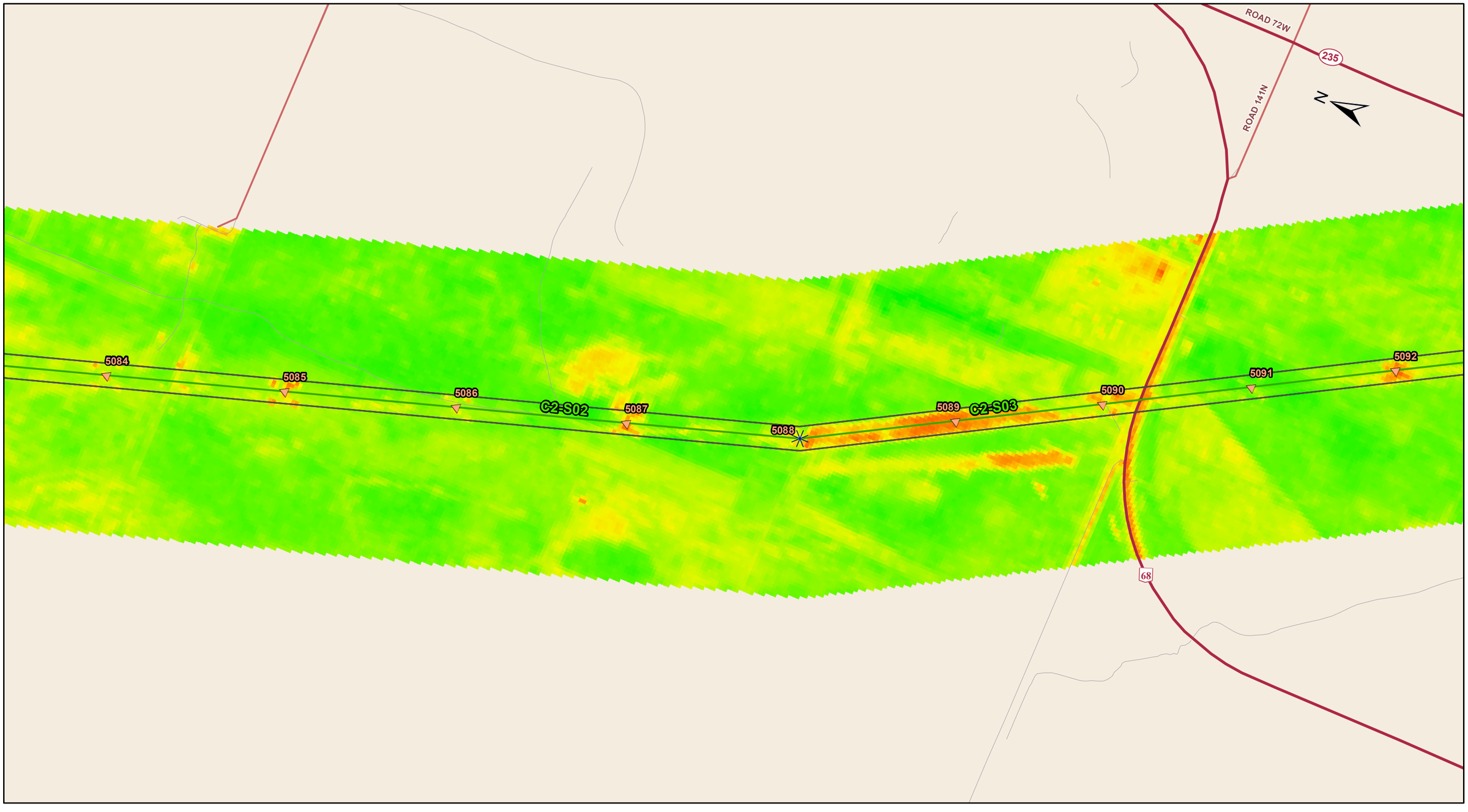
Landbase
- Major Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-10



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers
- Proposed Access

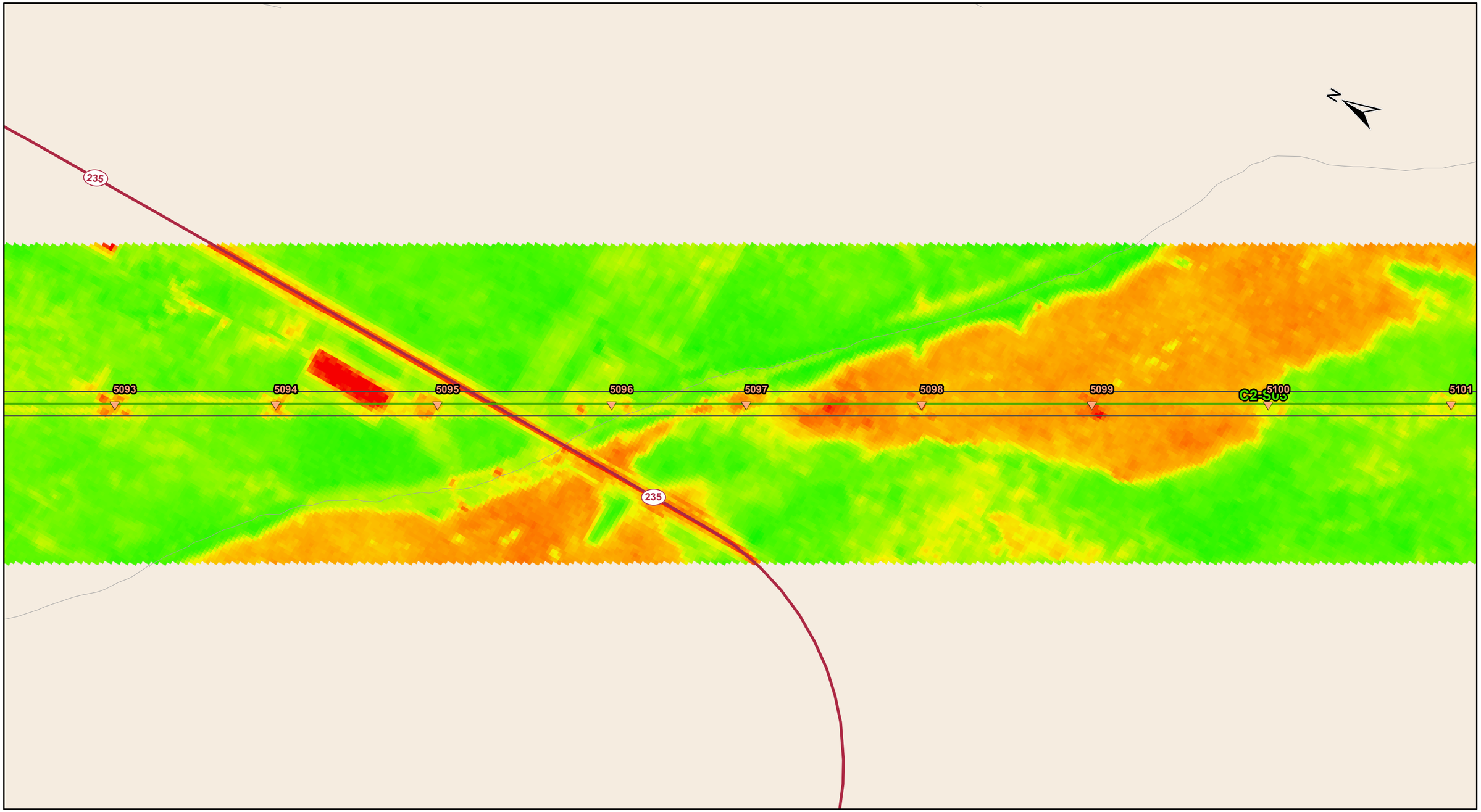
Landbase
- Highway
- Major Road
- Local Road / Cart Track
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-11



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

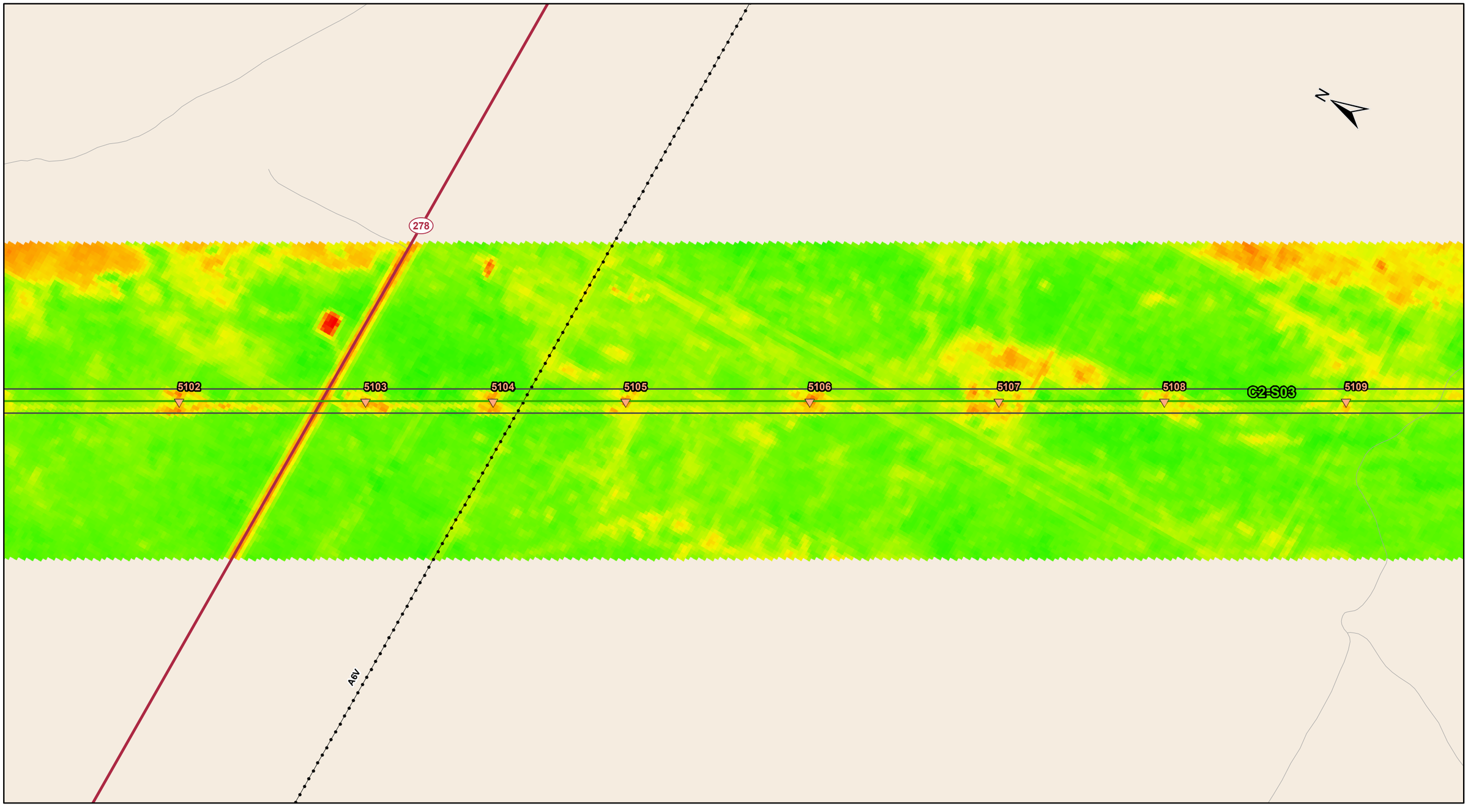
Landbase
- Highway
- Local Road / Cart Track

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-12



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Transmission Line
- Proposed Access Route

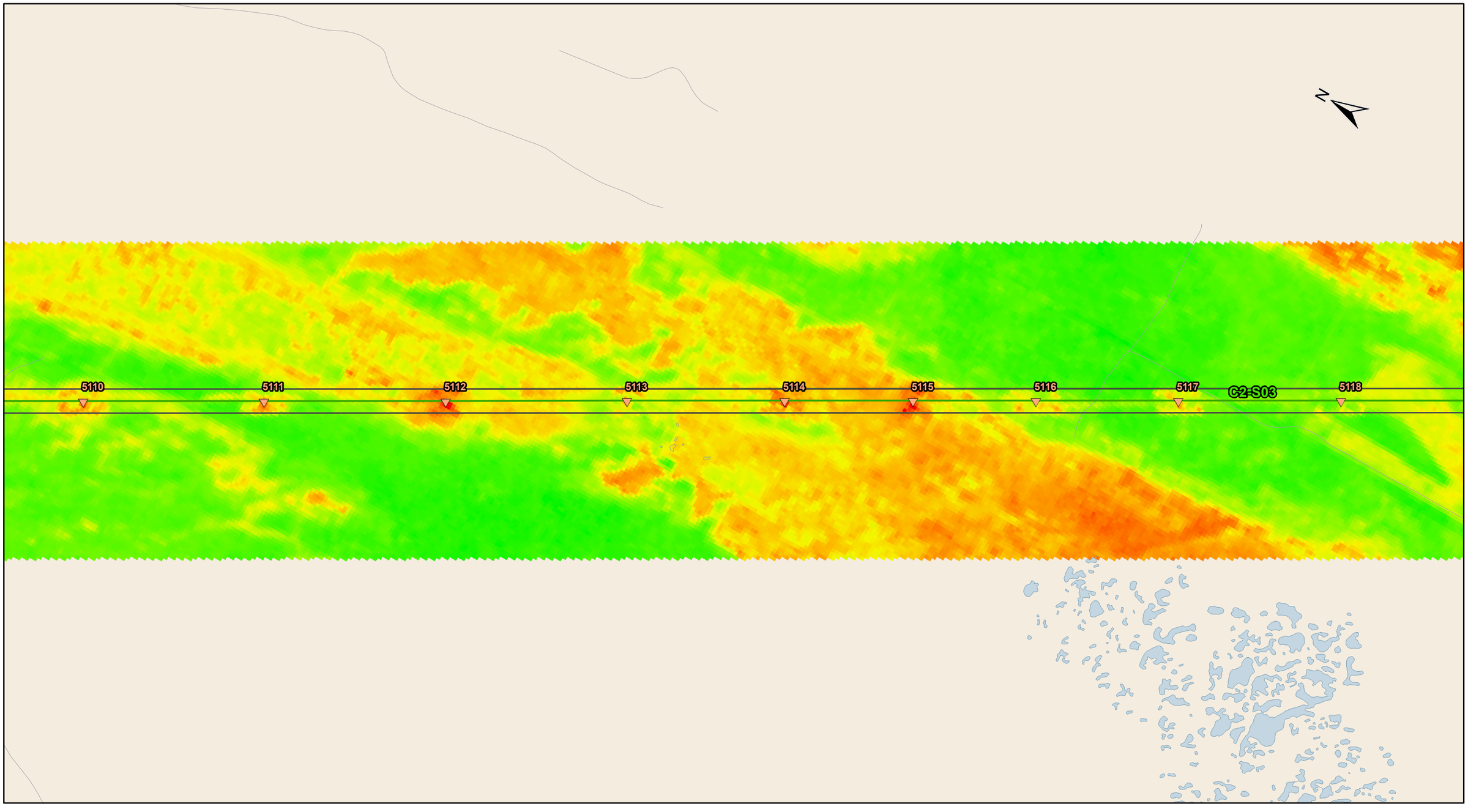
Landbase
- Highway
- Local Road / Cart Track
- Transmission Line

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-13



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

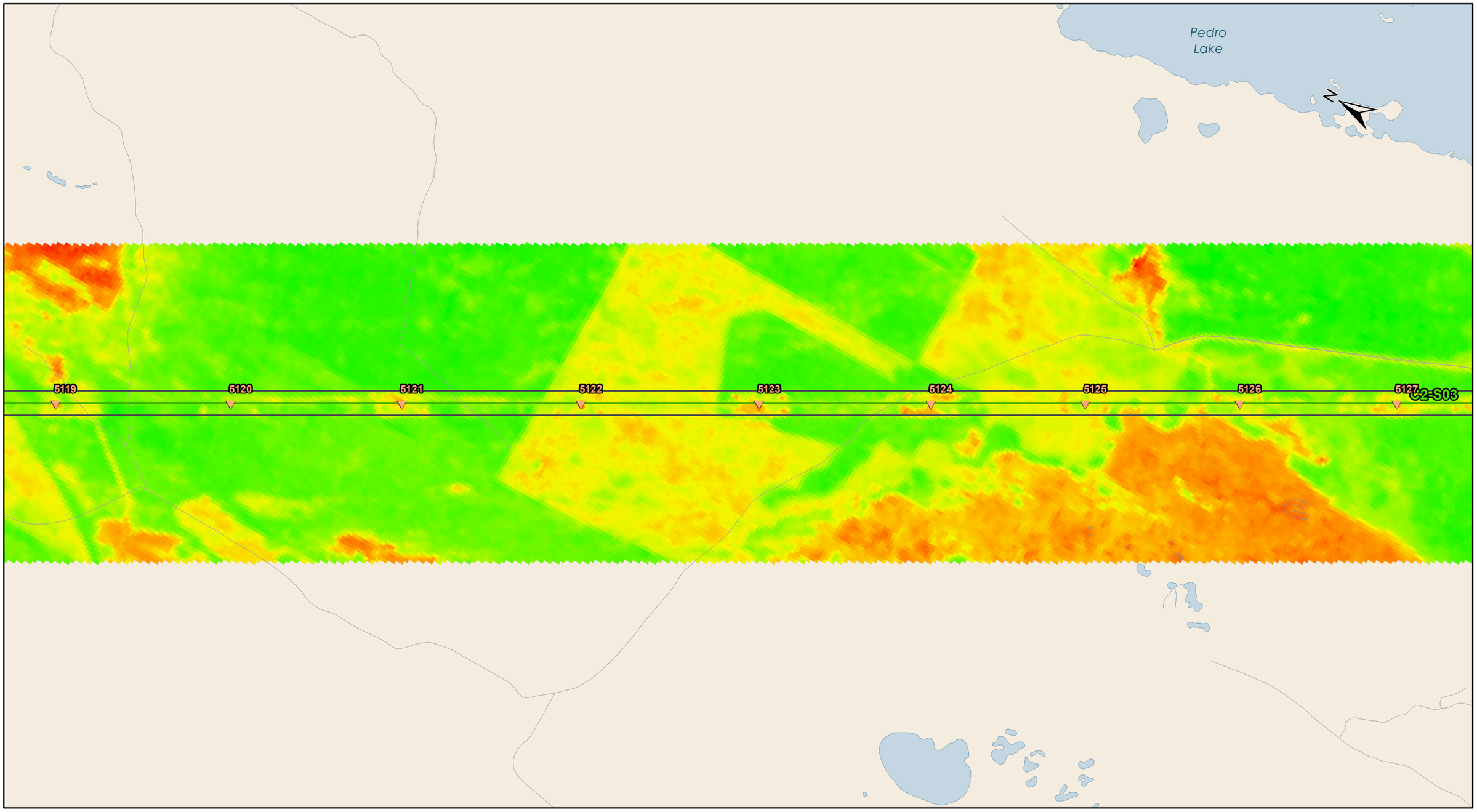
Landbase
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-14



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

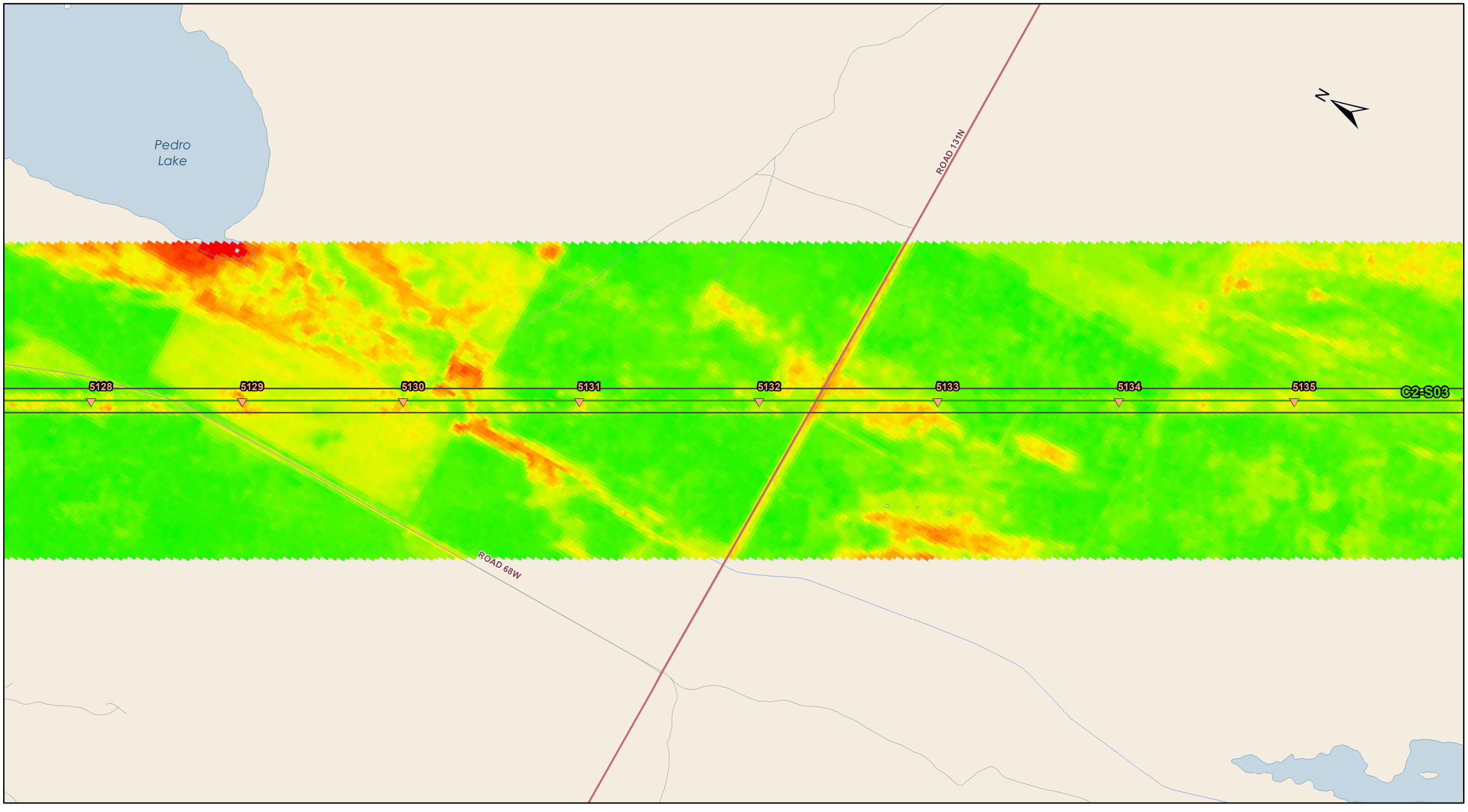
Landbase
- Local Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-15



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

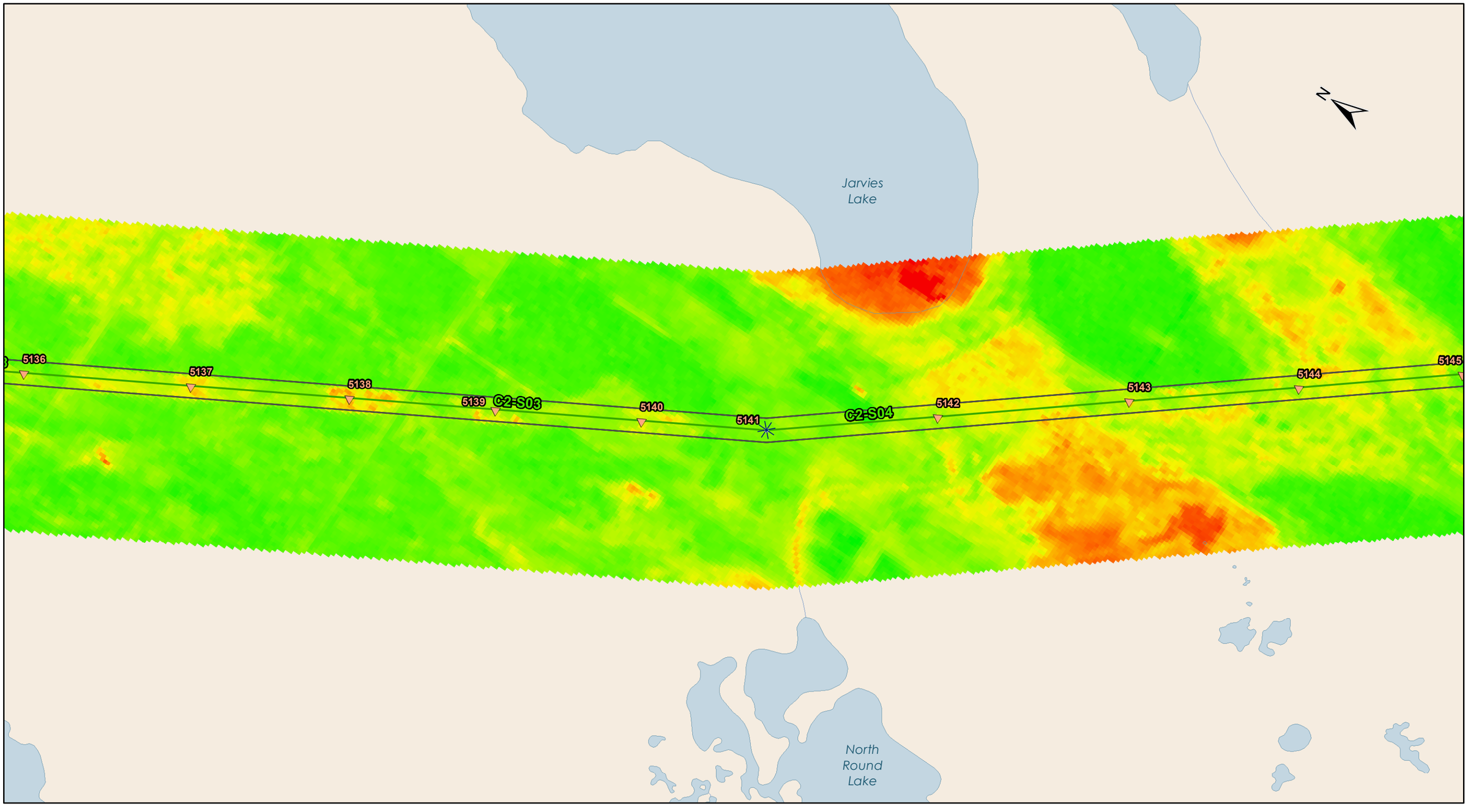
Landbase
- Major Road
- Local Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-16



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers

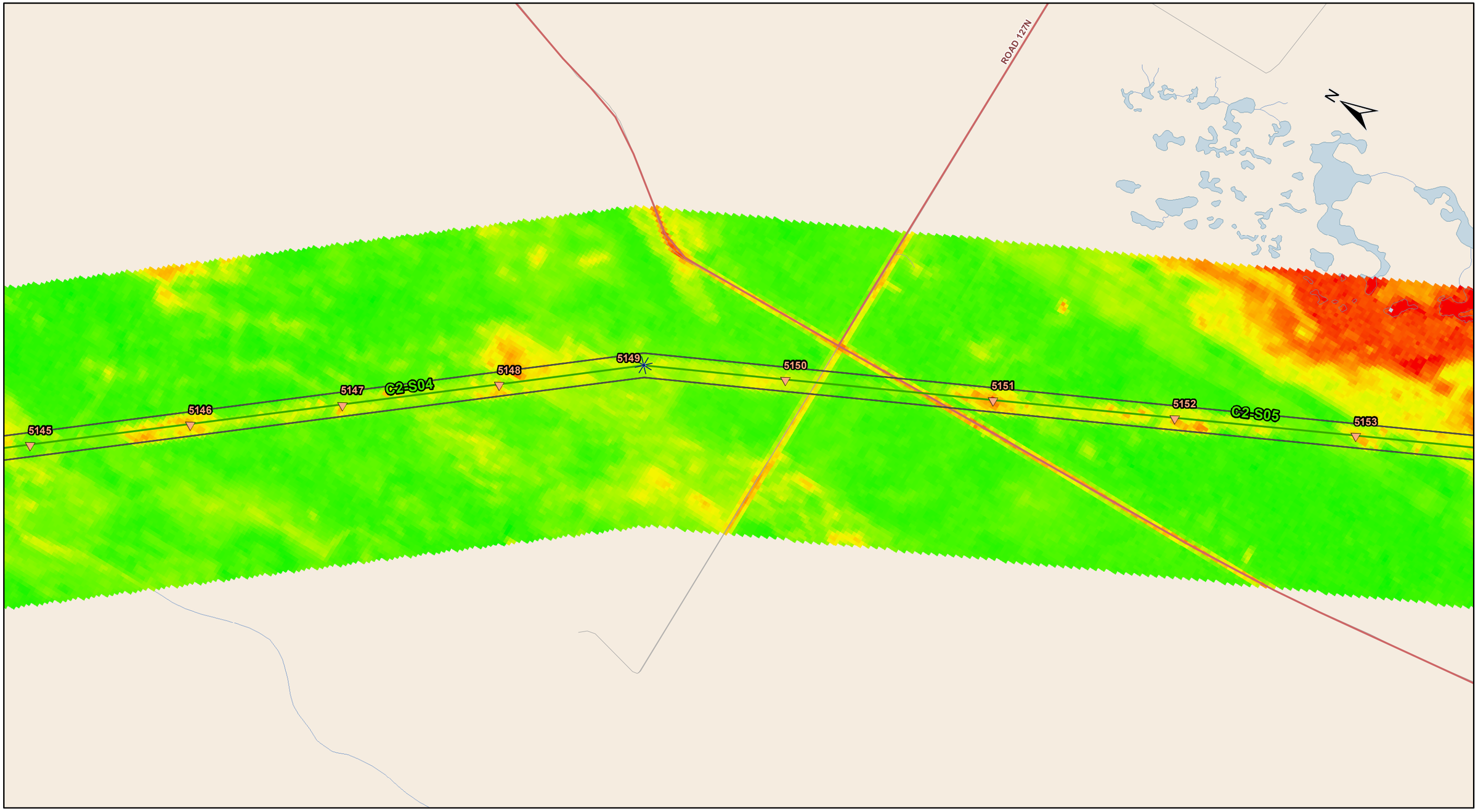
Landbase
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-17



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

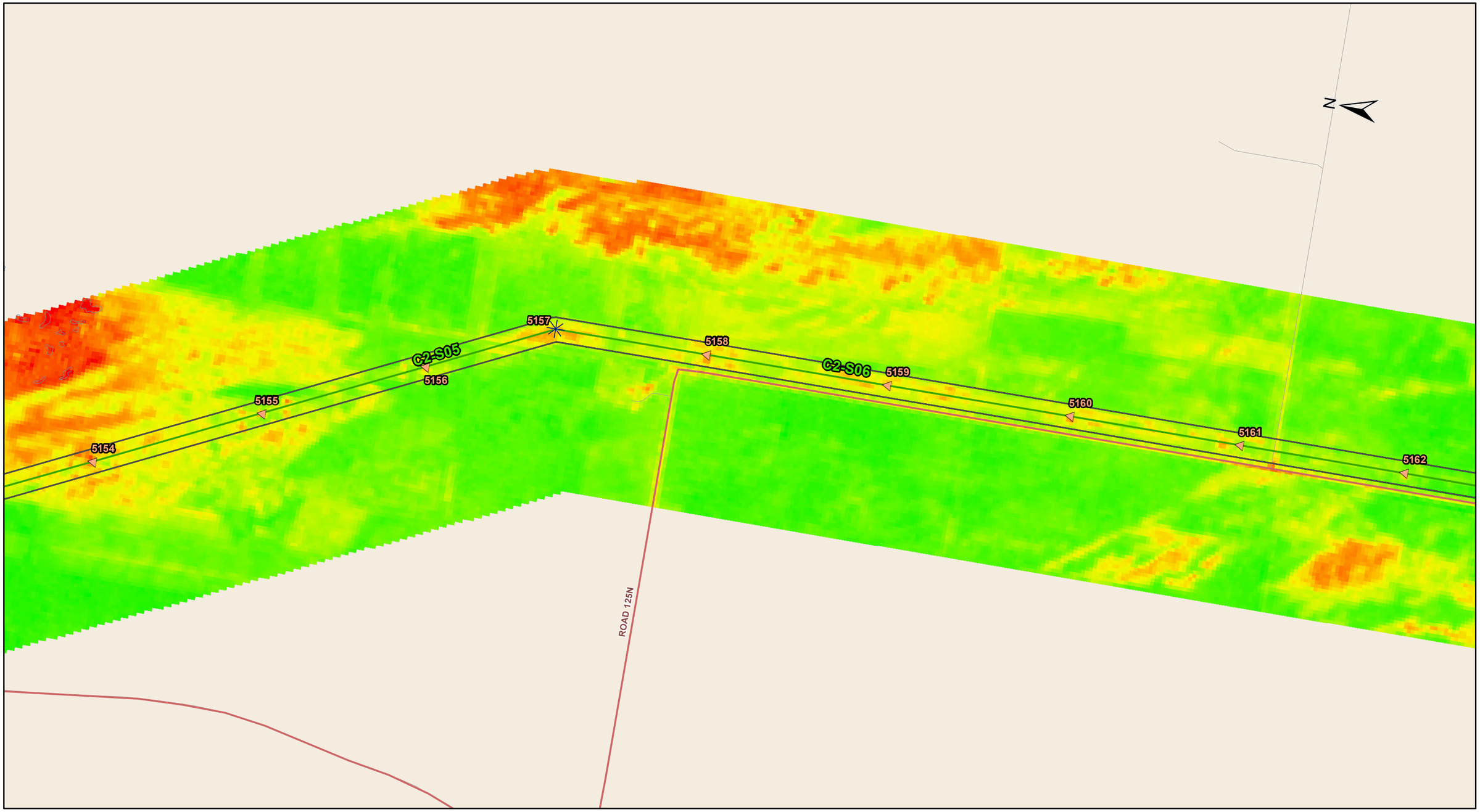
Landbase
- Major Road
- Local Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-18



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

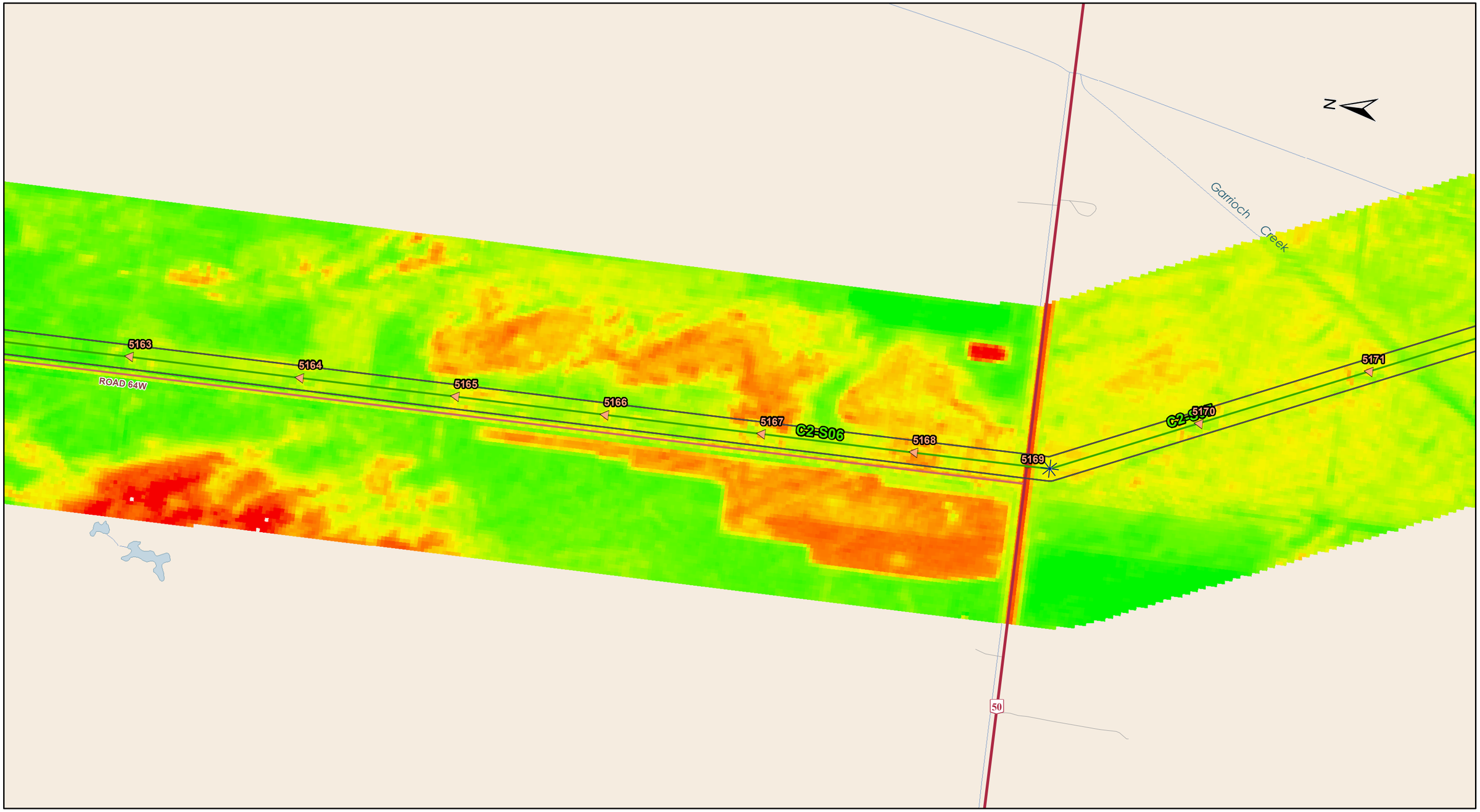
Landbase
- Major Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-19



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)
- Proposed Access Route

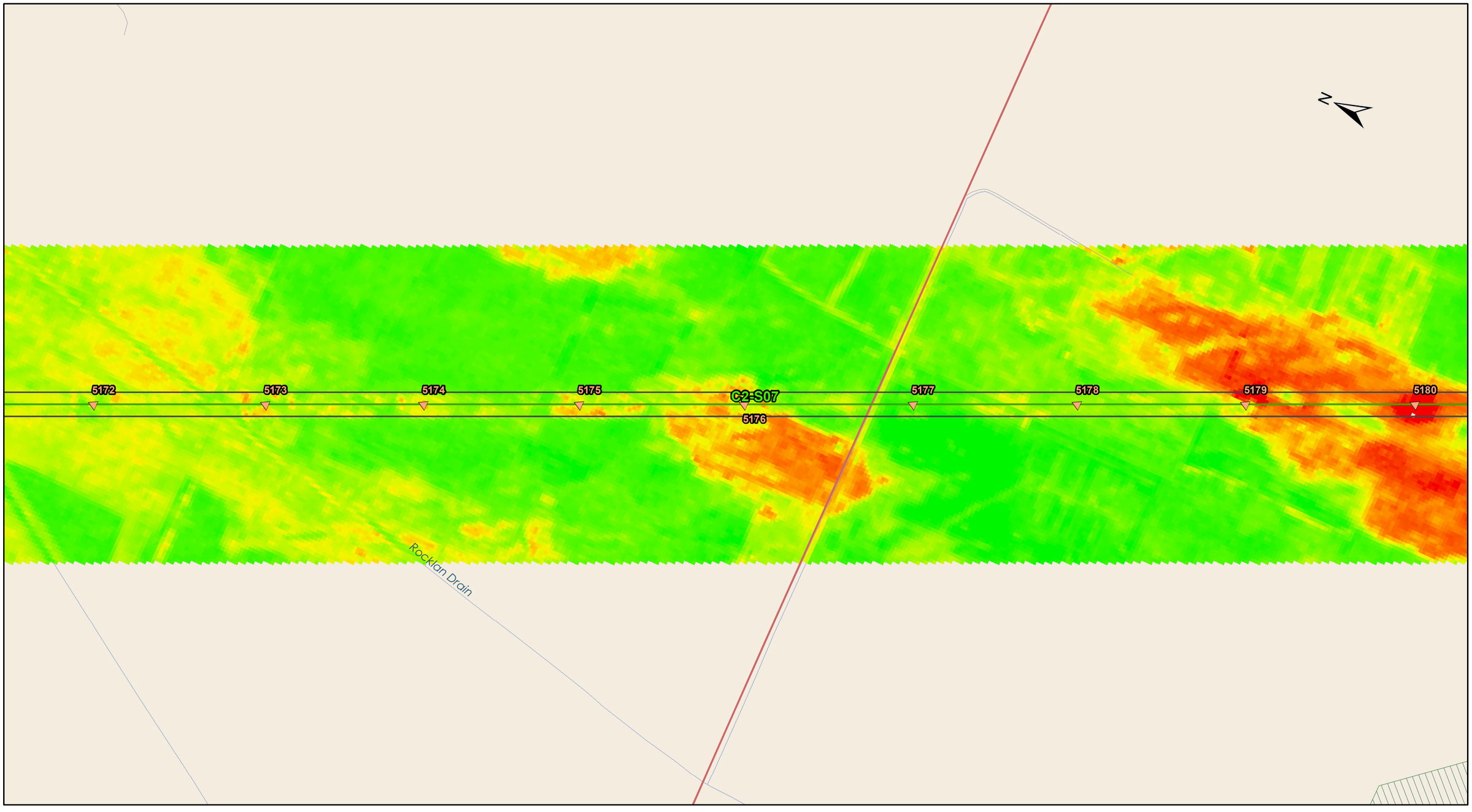
Landbase
- Highway
- Major Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-20



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

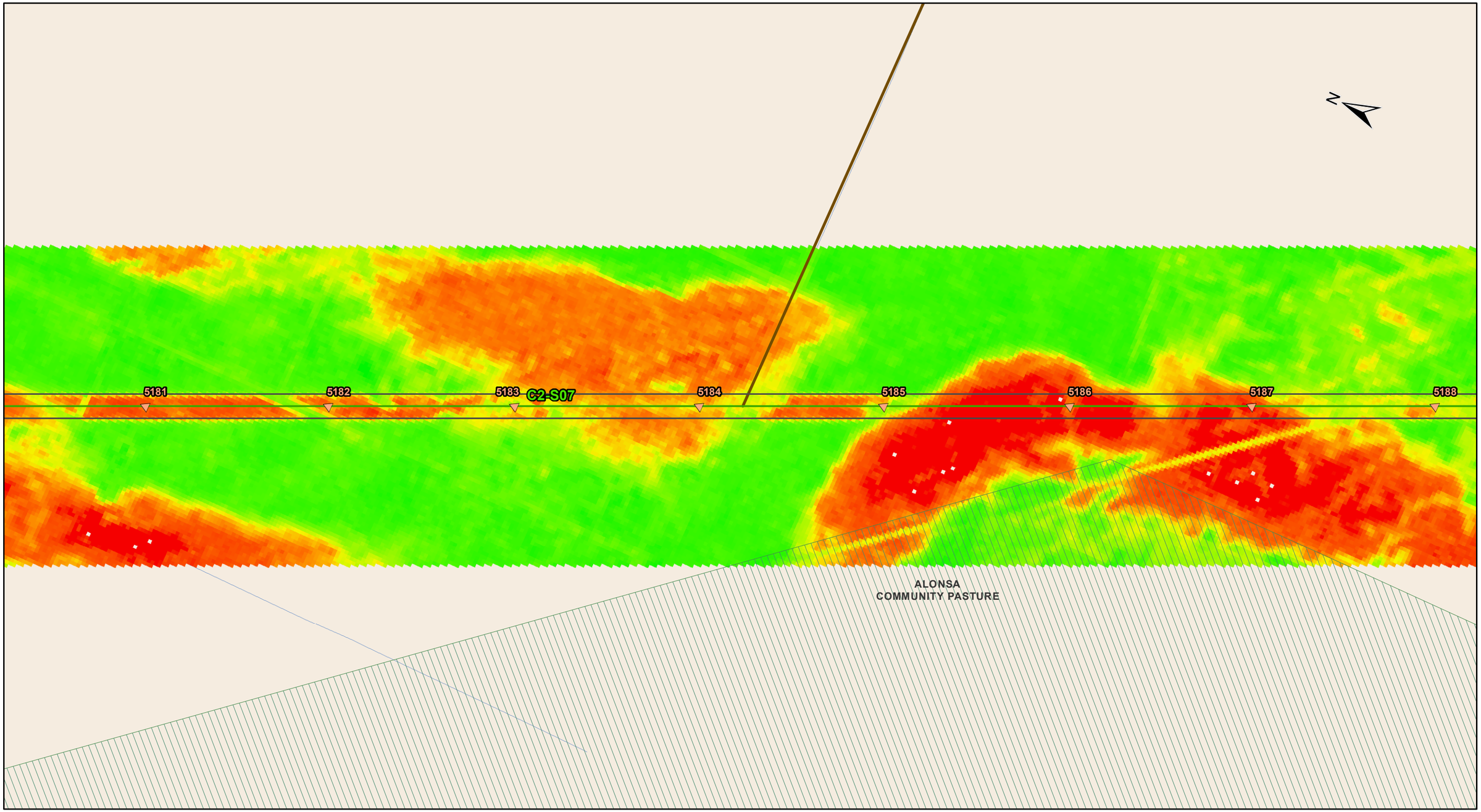
Landbase
- Major Road
- Local Road / Cart Track
- Community Pasture
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-21



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access

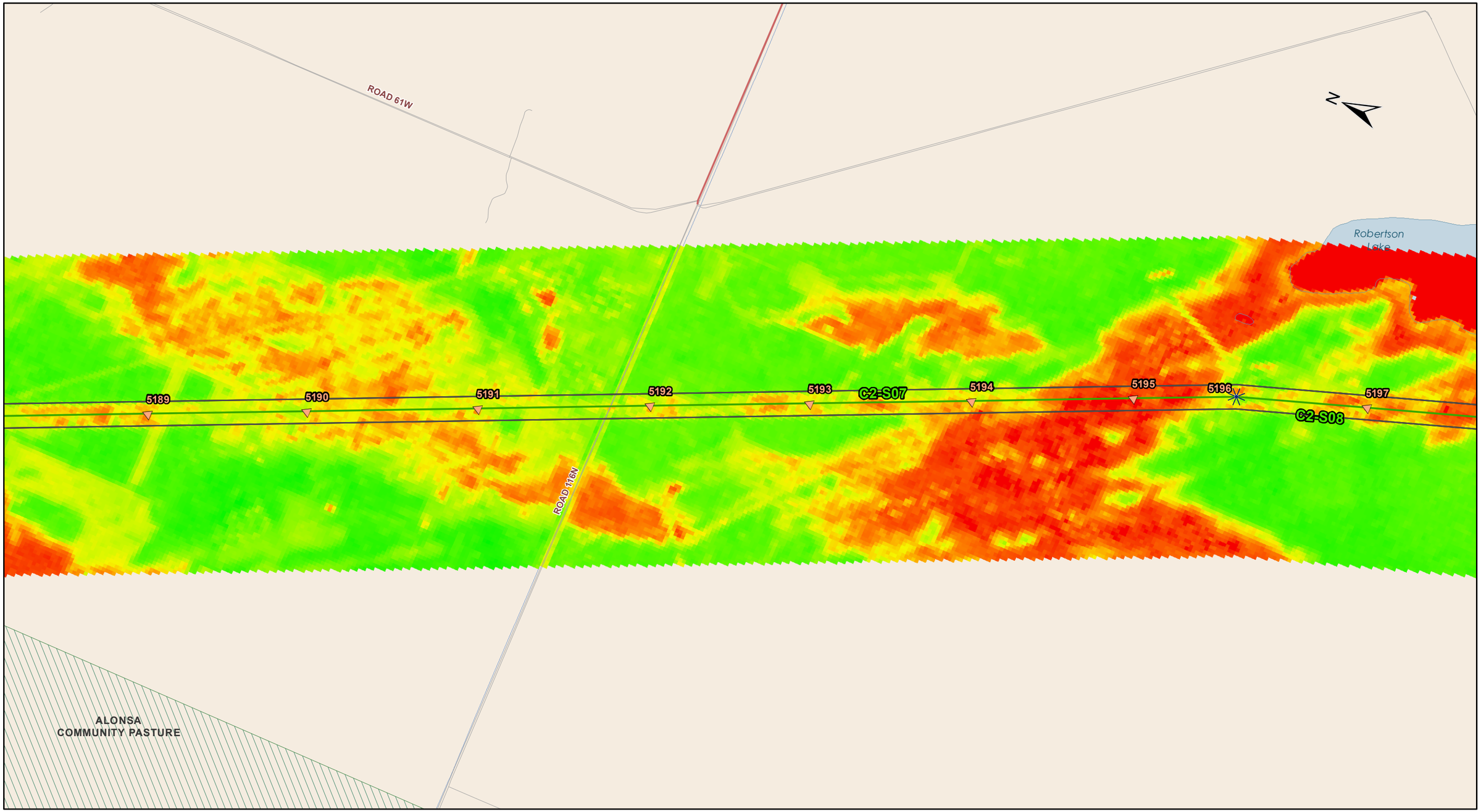
Landbase
- Community Pasture
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-22



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

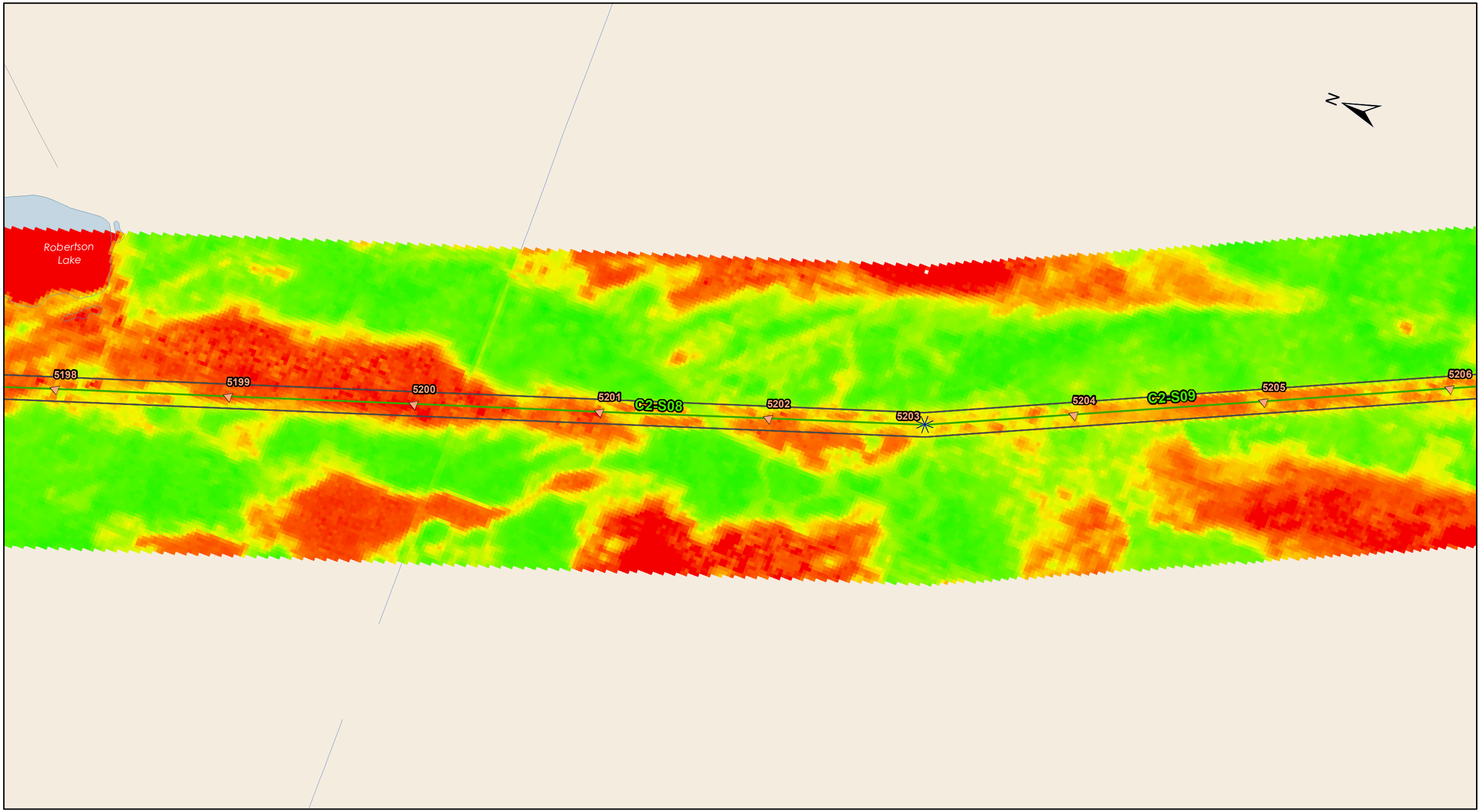
Landbase
- Major Road
- Local Road
- Local Road / Cart Track
- Community Pasture
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-23



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI

Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers

Landbase

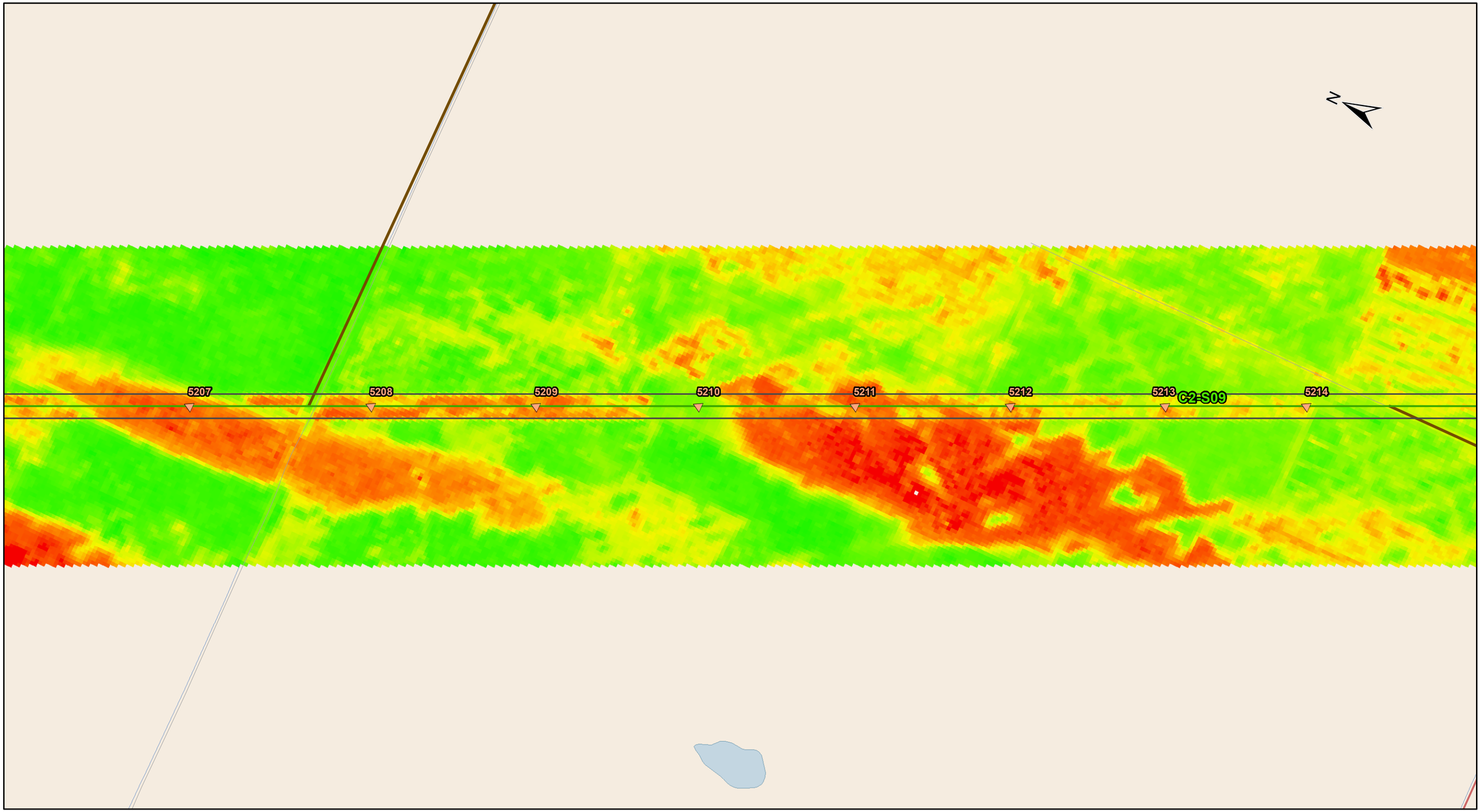
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-24



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access

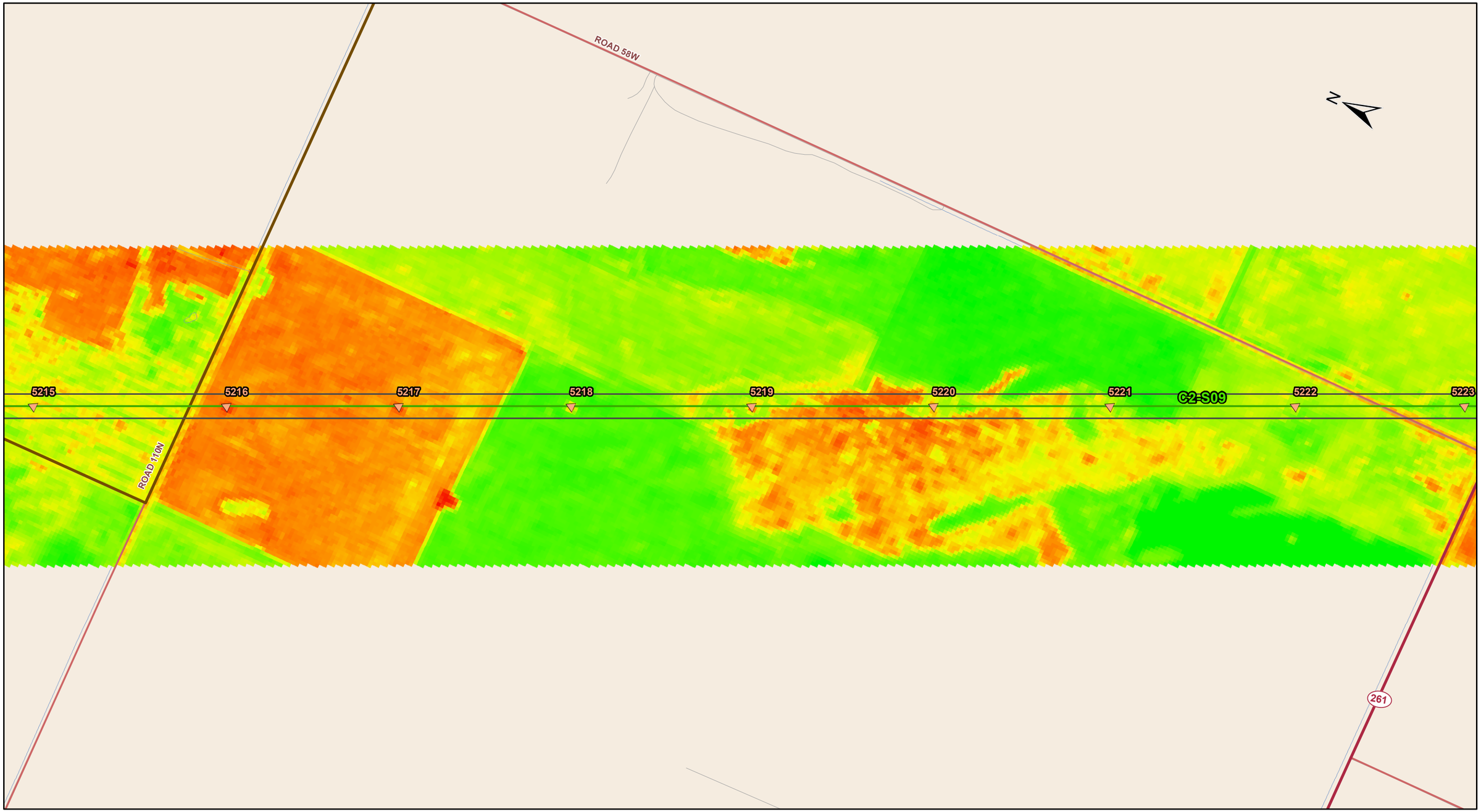
Landbase
- Major Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-25



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI

Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

Landbase

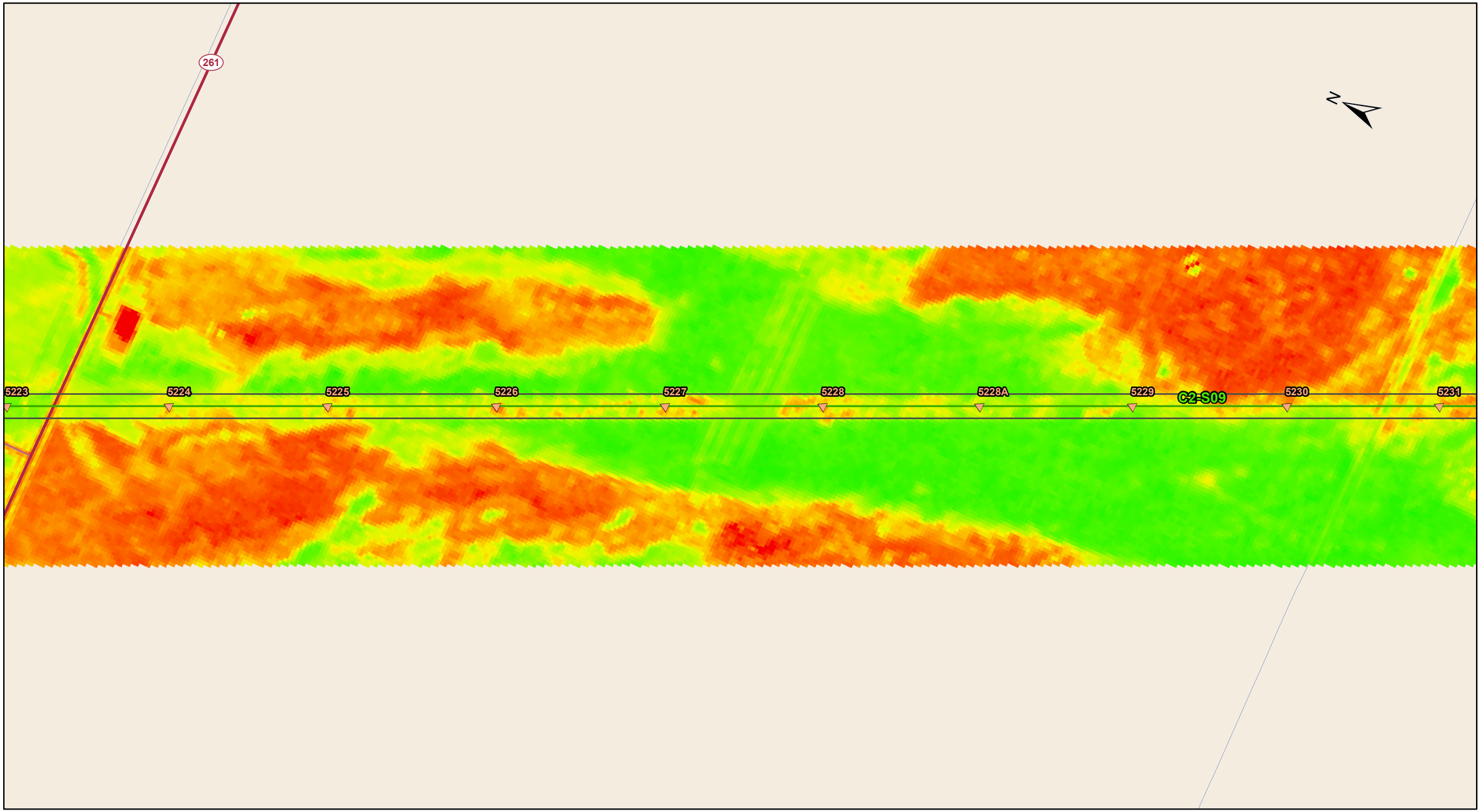
- Highway
- Major Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-26



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

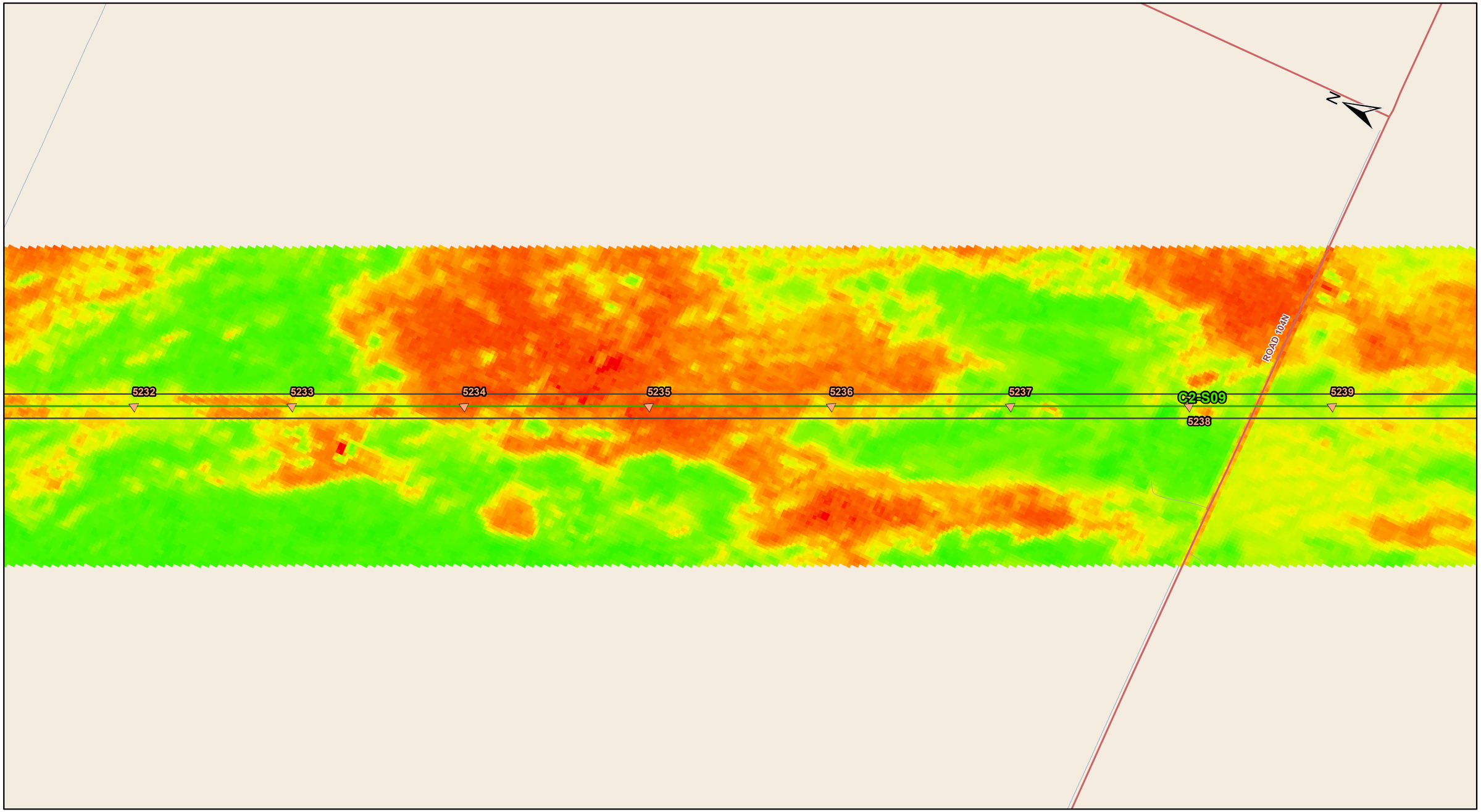
Landbase
- Highway
- Major Road
- Local Road / Cart Track
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map-4-300-27



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI

Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

Landbase

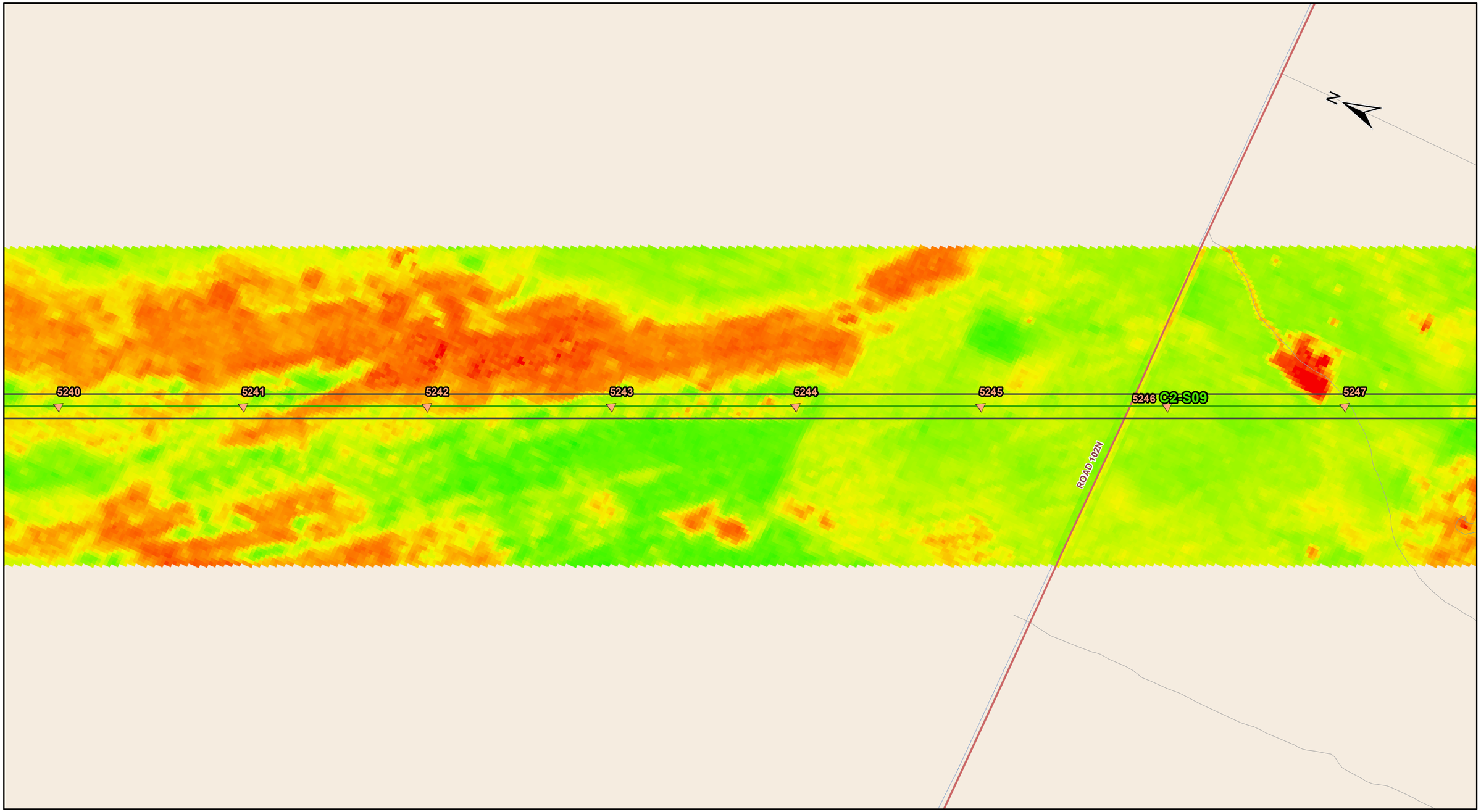
- Major Road
- Local Road / Cart Track
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-28



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

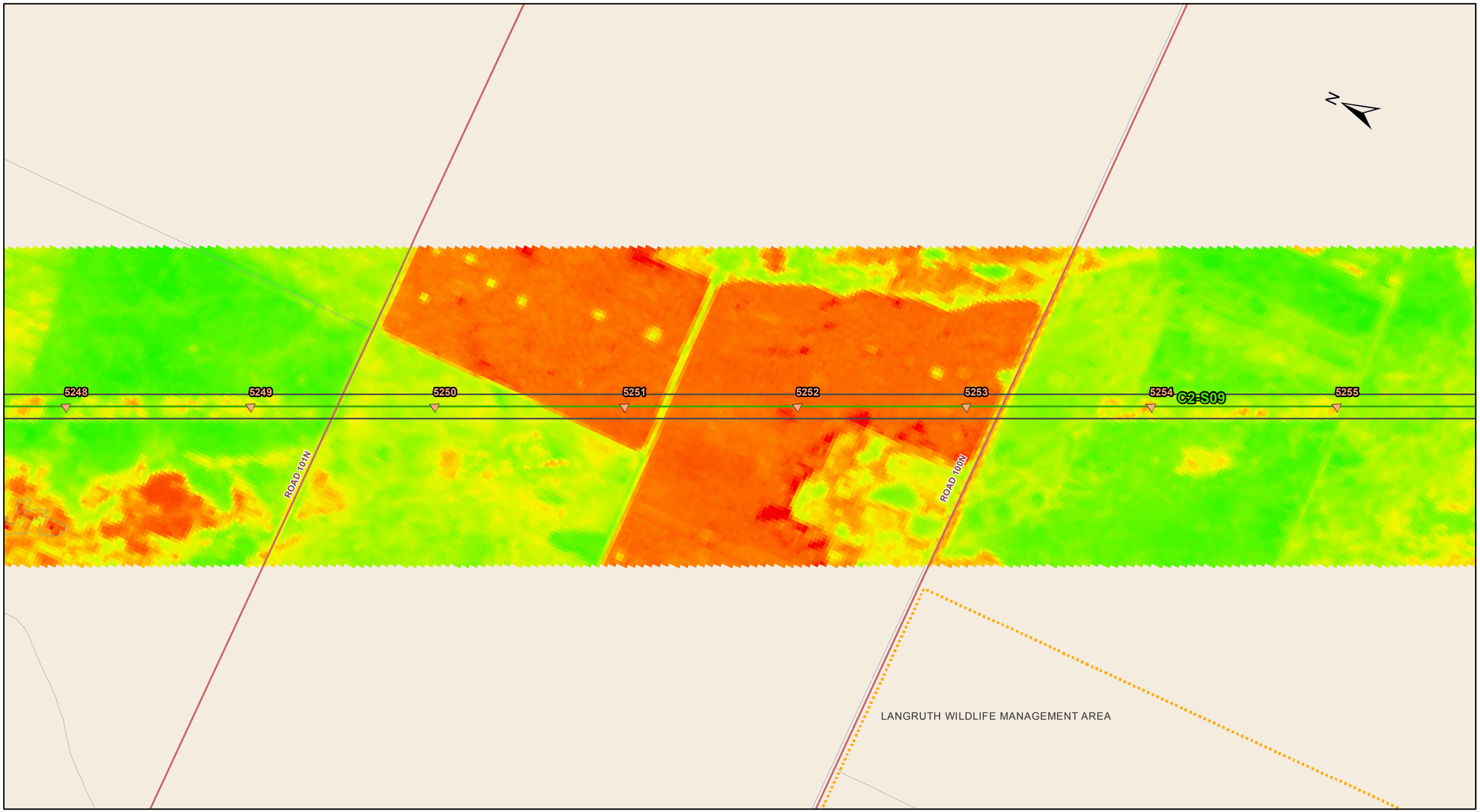
Landbase
- Major Road
- Local Road / Cart Track
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map-4-300-29



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

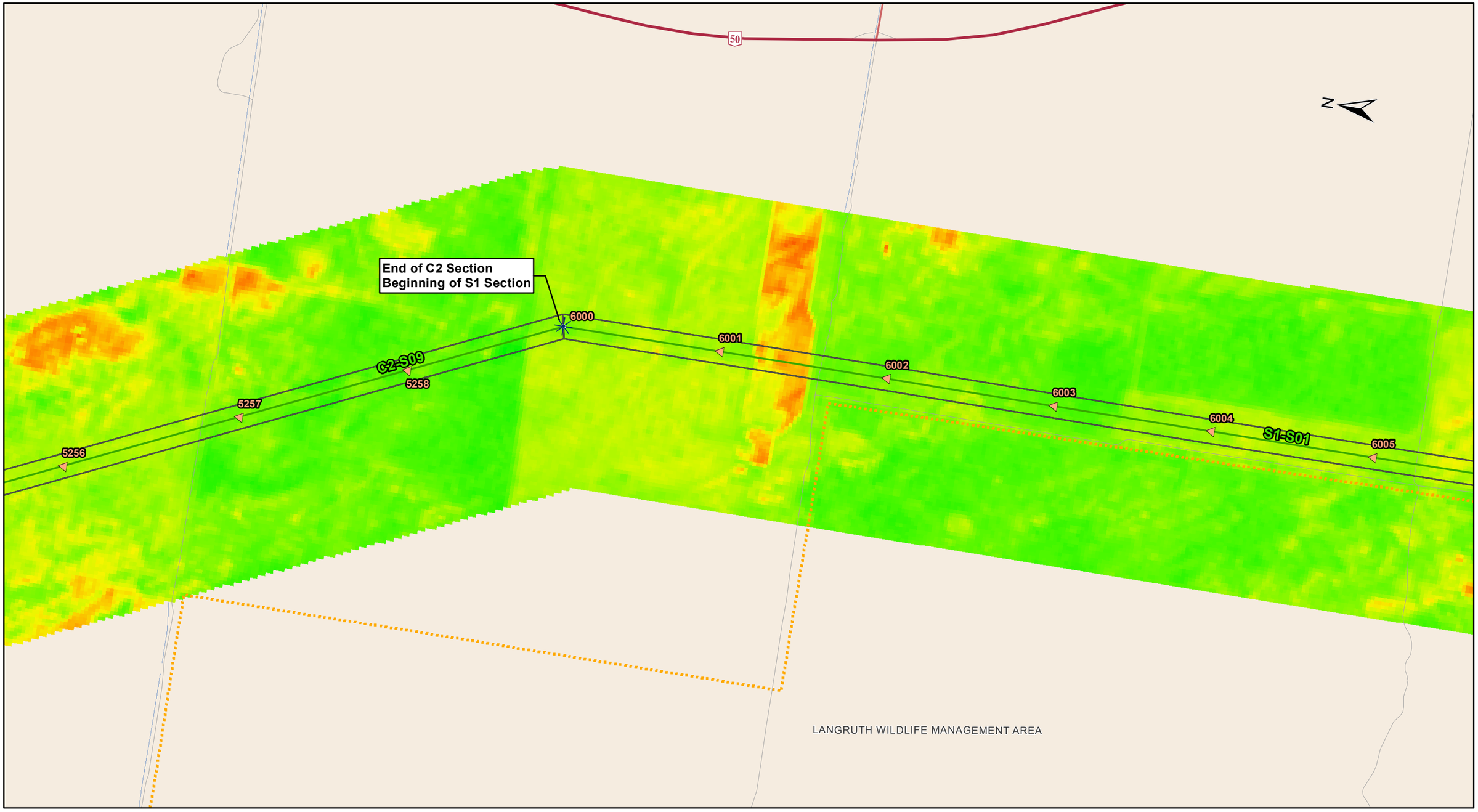
Landbase
- Major Road
- Local Road / Cart Track
- Wildlife Management Area
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-30



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers

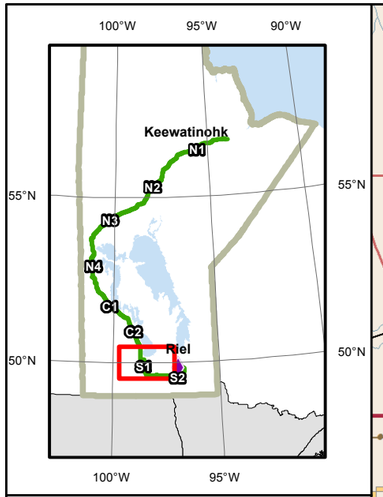
Landbase
- Highway
- Major Road
- Local Road / Cart Track
- Wildlife Management Area
- Watercourse

Bipole III Transmission Project

Section C2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map-4-300-31



Bipole III Transmission Project

LAKE MANITOBA

Tenby
Plumas
Langruth
Jackfish Lake
Seagull Lake
Chandler Lake
LANGRUTH WMA
Arden
Keyes
GLADSTONE
Whitemud River
Woodside
Helston
Mayfield
Westbourne
Oakland
Delta Beach
Big Lake
DELTA MARSH WMA
St. Ambroise
LAKE FRANCIS WMA
Lake Francis
St. Laurent
Lake Francis
St. Marks
Woodlands
Teulon
Gunton
Balmoral
Argyle
Stonewall
STONEWALL
Warren
Grosse Isle
Stony Mountain
WHITEMUD WATERSHED WMA
Katrime
Edrans
Macdonald
Poplar Point
High Bluff
PORTAGE LA PRAIRIE
1A
St. Eustache
Brookdale
Wellwood
Ingelow
Gregg
Firdale
MacGregor
Begot
Austin
Dakota Tipi FIRST NATION
Dakota Tipi
Southport
Newton
Oakville
Fortier
Poplar
Elie
Dacotah
Headingley
BEAUDRY PROVINCIAL PARK
St. François Xavier
ASSINIBOINE RIVER
SETON PROVINCIAL PARK
Pine Creek
Sidney
CARBERRY
Edwin
Rossendale
Dakota Plains
Long Plain
LONG PLAIN FIRST NATION
DAKOTA PLAINS FIRST NATION
PORTAGE SANDHILLS WMA
Springstein
Starbuck
Oak Bluff
Sprucewoods
Shilo
Pratt
Lavenham
SWAN LAKE FIRST NATION
Spruce Woods Forest Reserve
SPRUCE WOODS PROVINCIAL PARK
CRIDDLE/VANE HOMESTEAD PROVINCIAL PARK
INDIAN GARDENS 8
Fannystelle
Curtoss
Elm Creek
Haywood
St. Claude
Rathwell
Treherne
Holland
Cypress River
Glenboro
Treesbank
Wawanesa
Stockton
Sanford
La Salle River
La Salle
Domain
Brunkild
Ste. Agathe
Osborne
CITY OF WINNIPEG
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, Stantec, ProvMB, NRCAN
Date Created: November 15, 2016

0 10 20 Kilometres
0 5 10 Miles

N

1:450,000

Legend

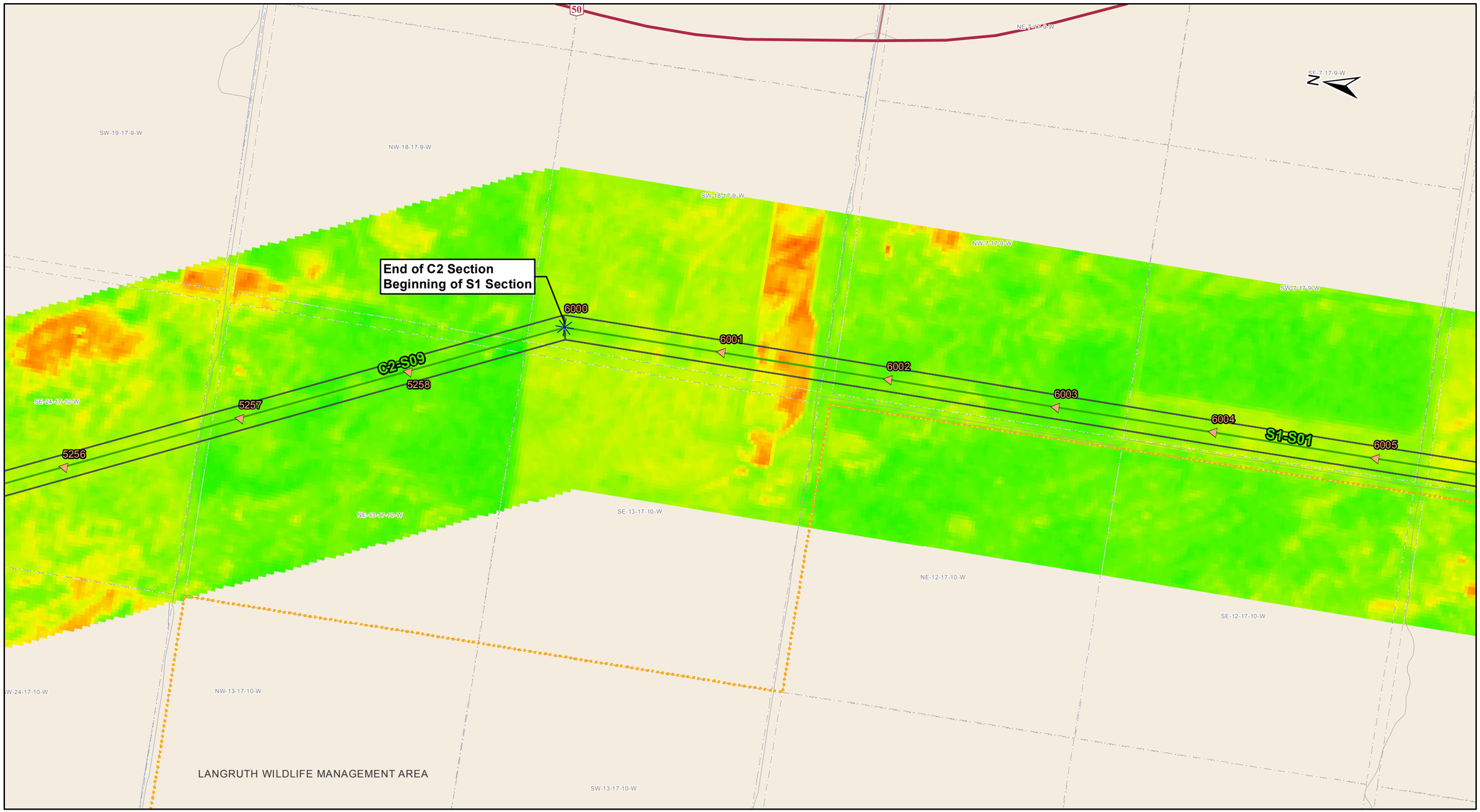
- Map Index Grid (1:10,000)
- Final Preferred Route
- S1
- Transmission Line
- First Nation
- National/Provincial Park
- Provincial Forest
- Wildlife Management Area

Bipole III Transmission Project
Normalized Difference Vegetation Index (NDVI)

Section S1 - Key Map Index

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Map 4-400



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

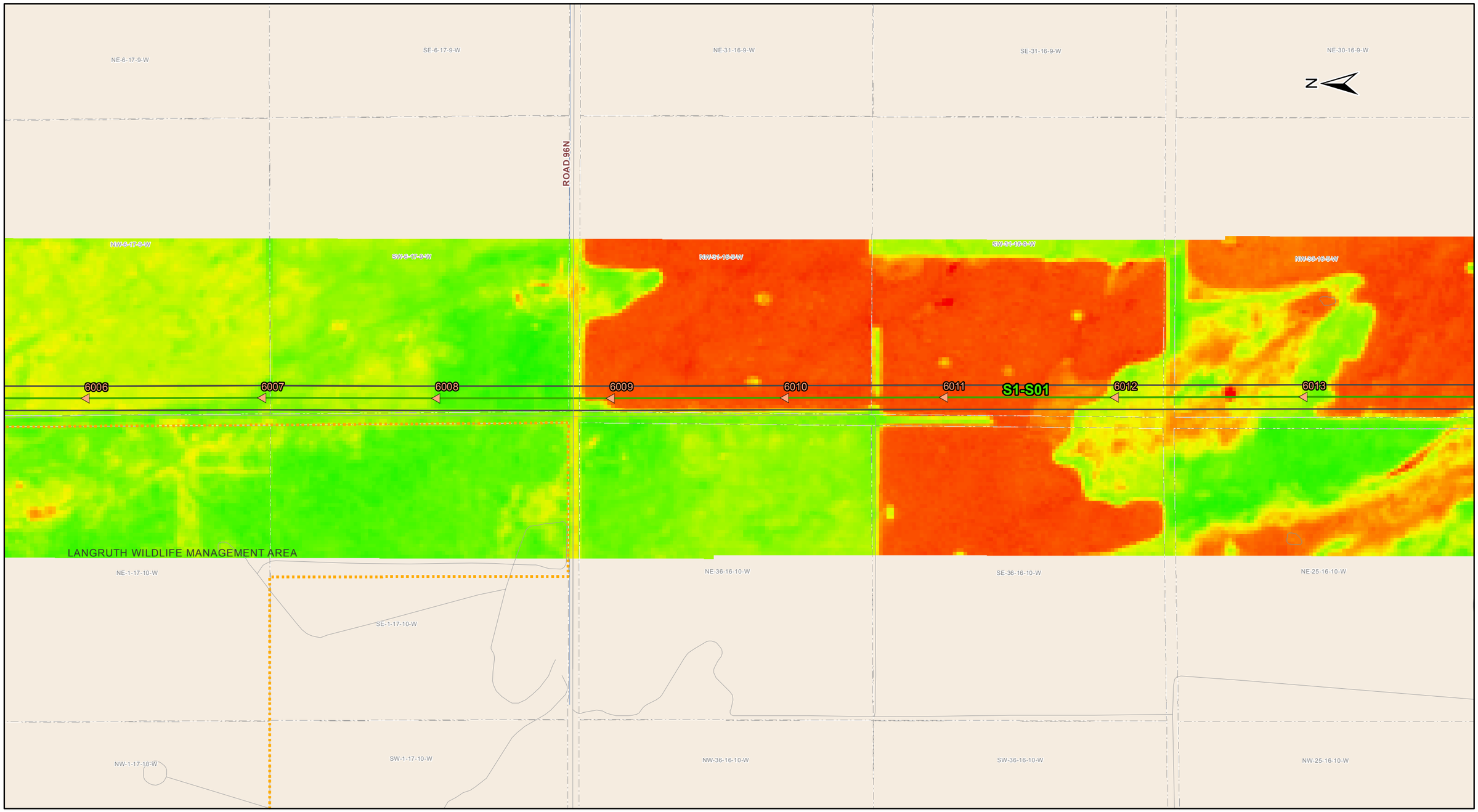
Landbase
- Highway
- Major Road
- Local Road
- Wildlife Management Area
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-1



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

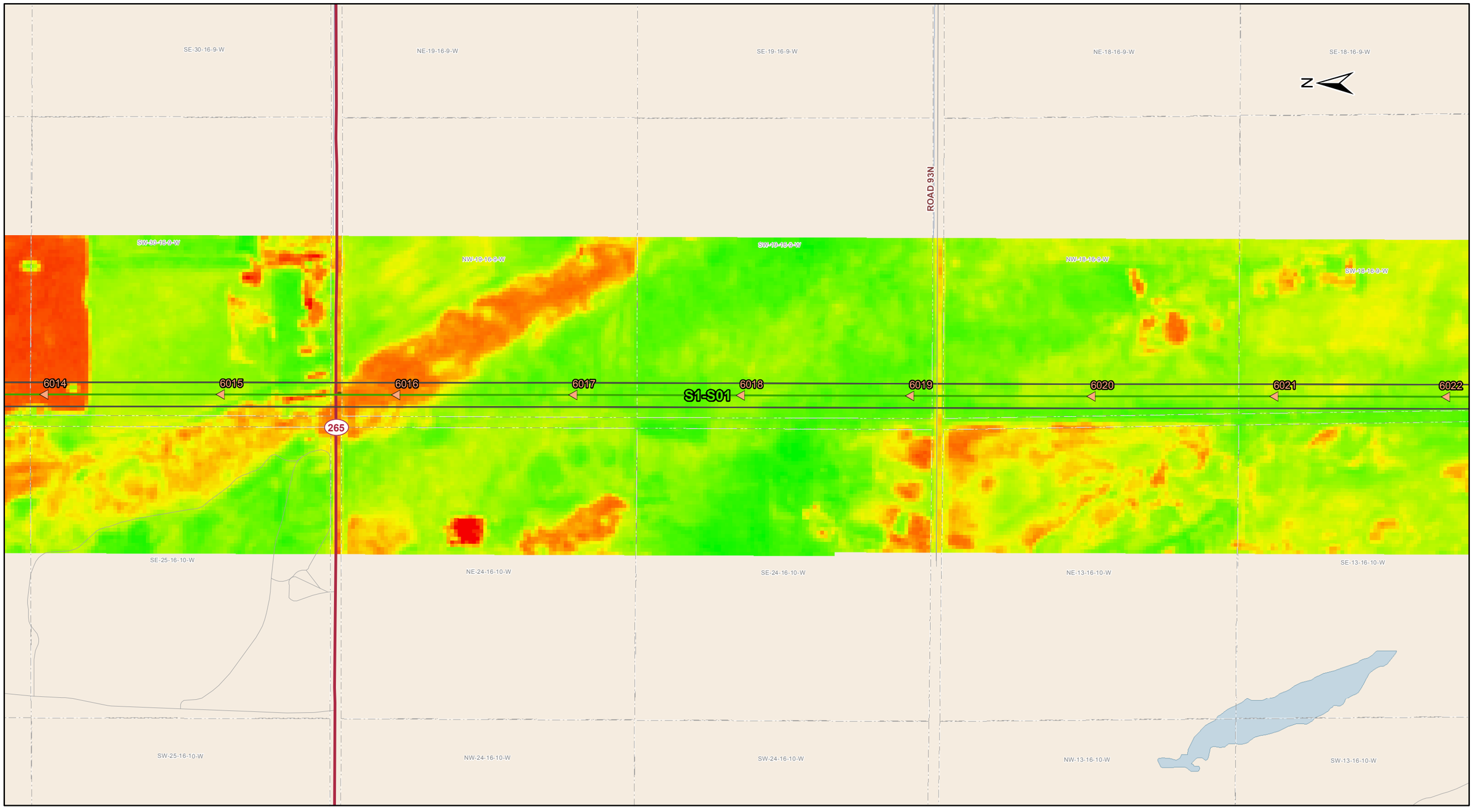
Landbase
- Local Road
- Wildlife Management Area
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map 4-400-2



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

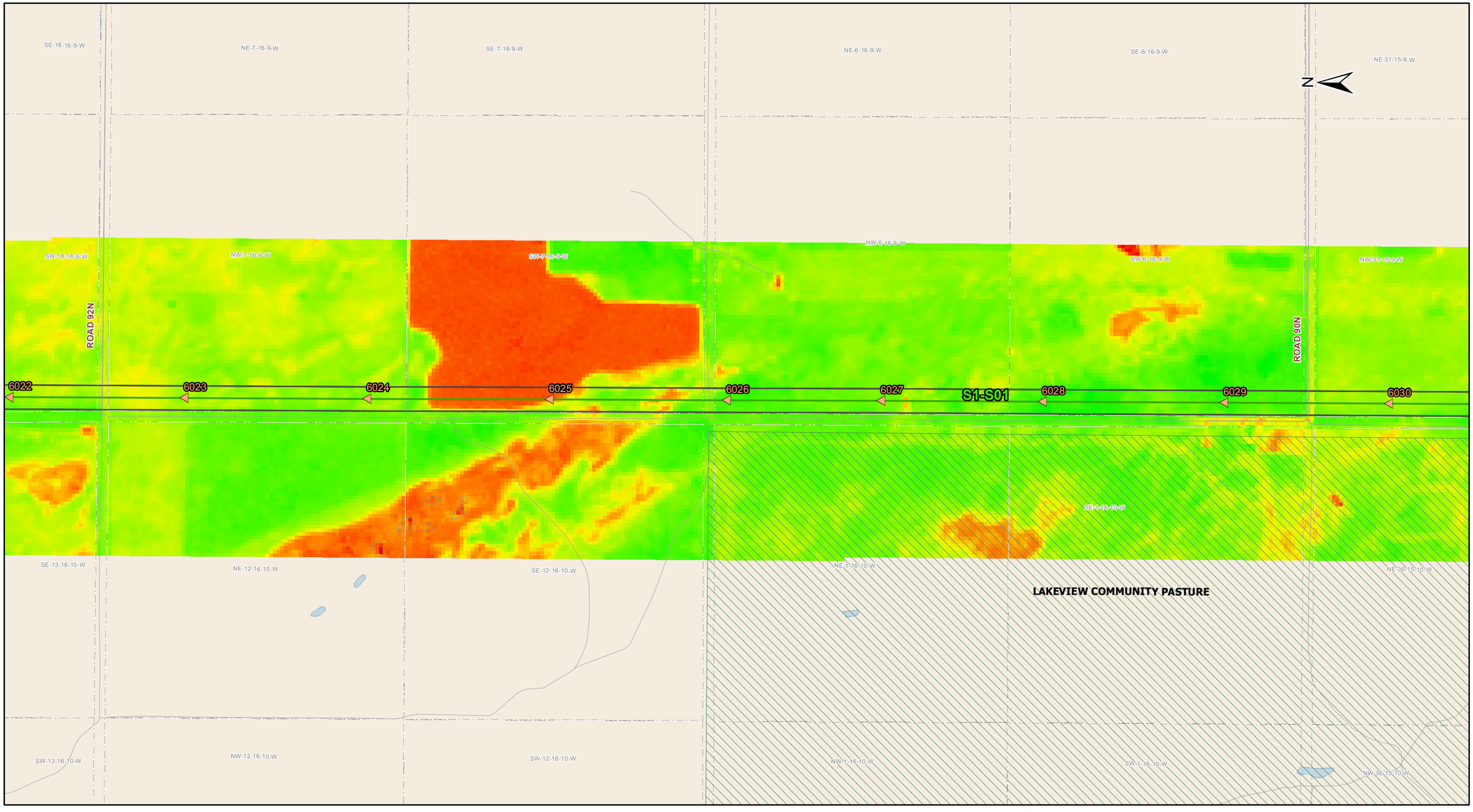
Landbase
- Highway
- Local Road
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map 4-400-3



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

Landbase

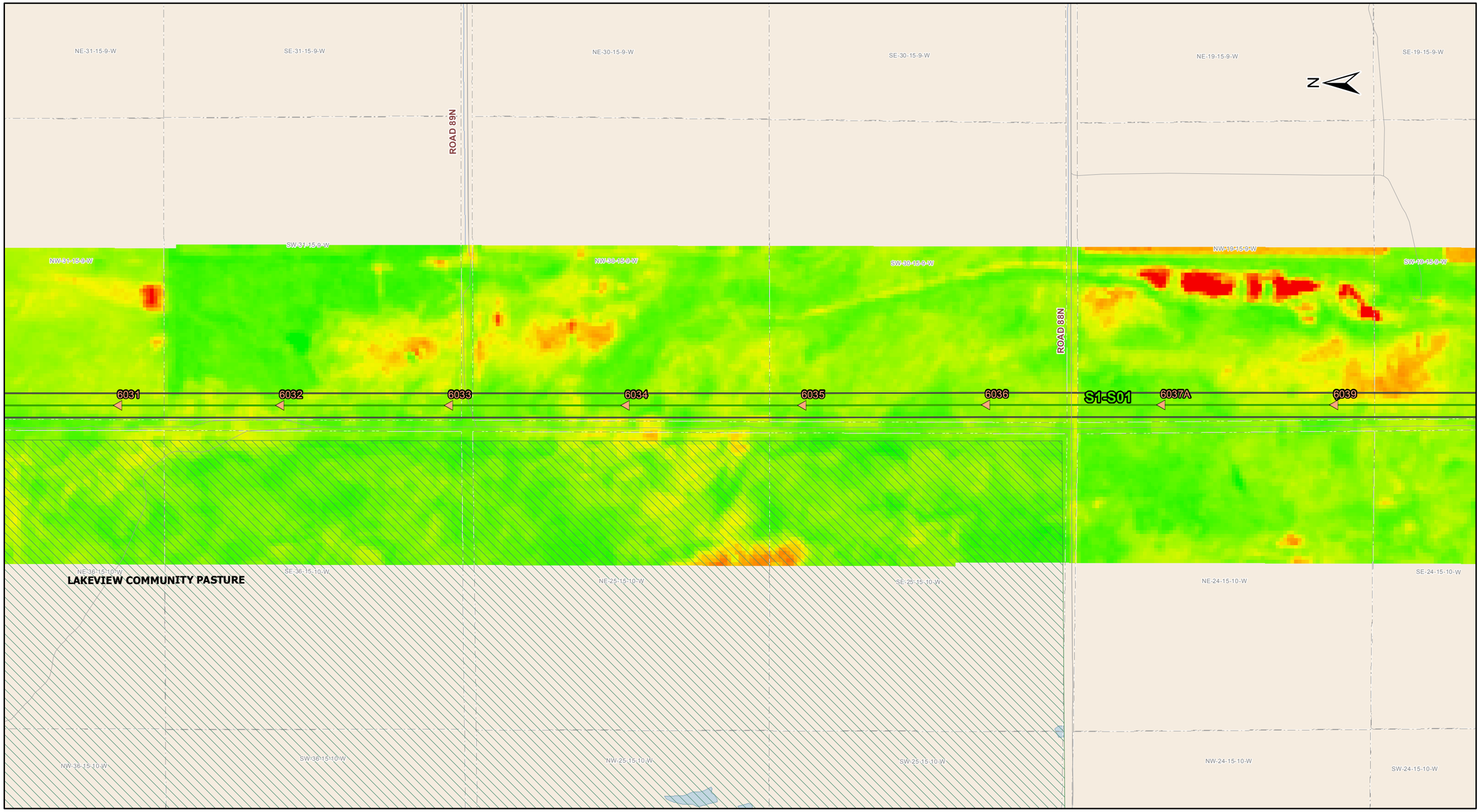
- Local Road
- Community Pasture
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map 4-400-4



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

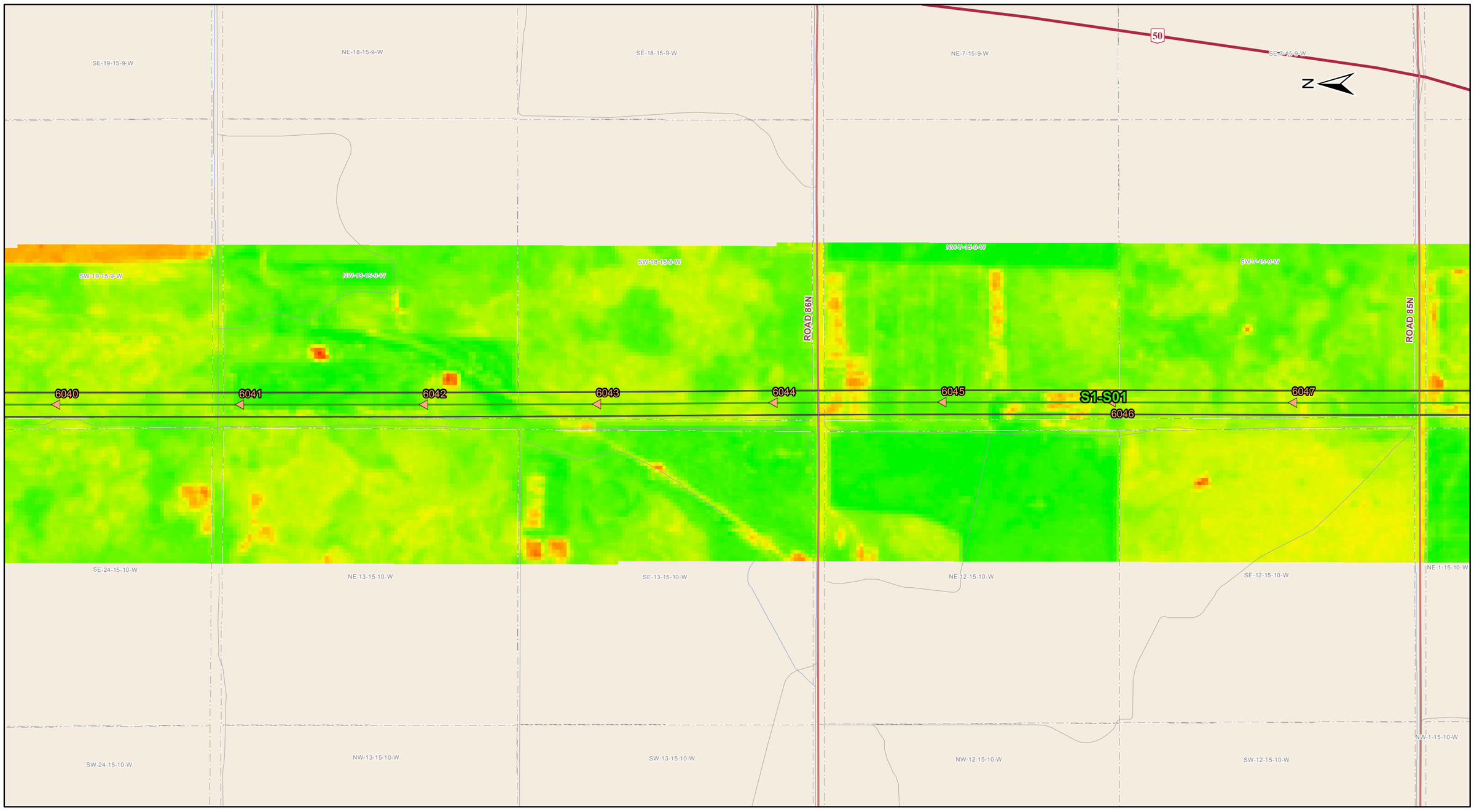
Landbase
- Local Road
- Community Pasture
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map 4-400-5



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

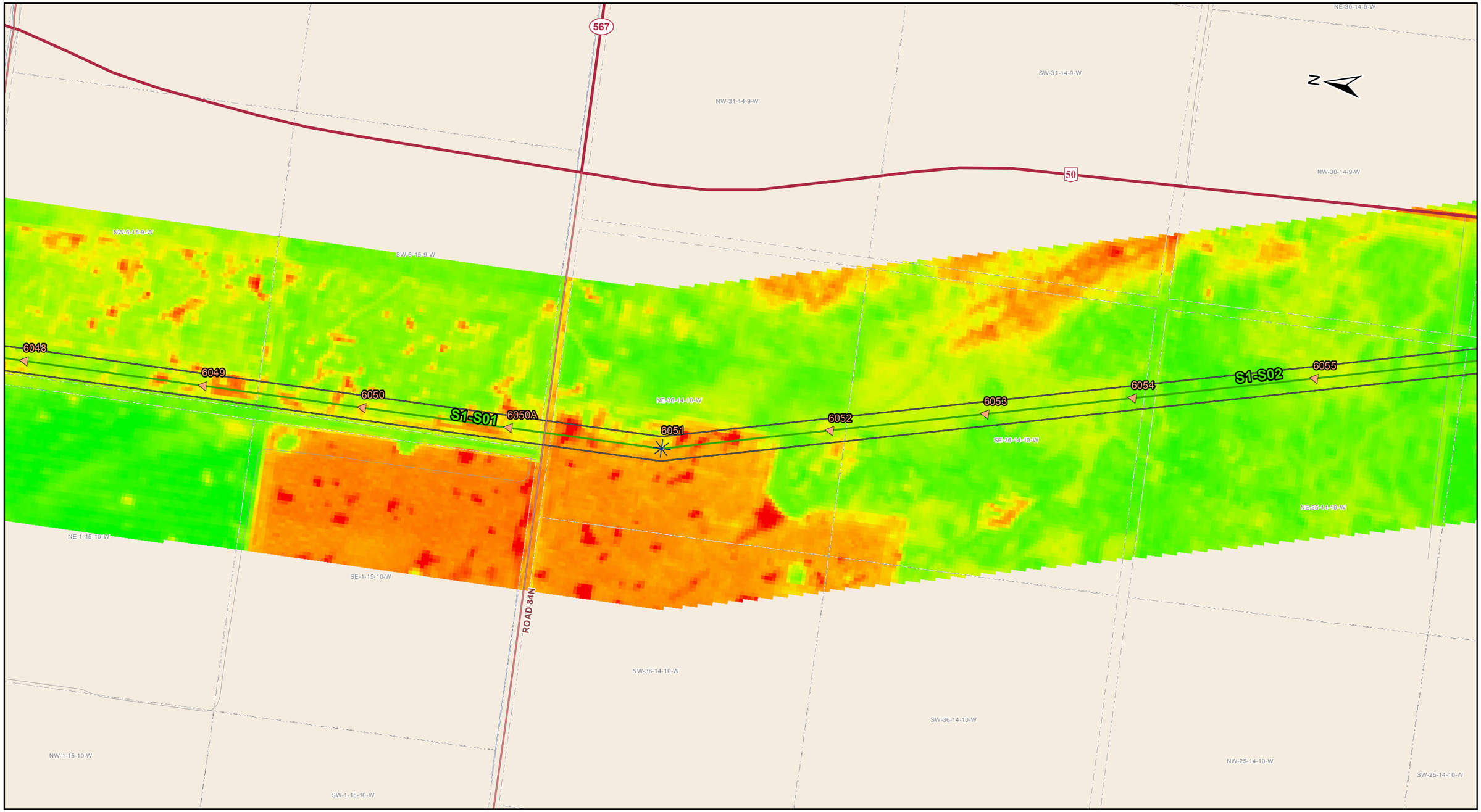
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-6



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

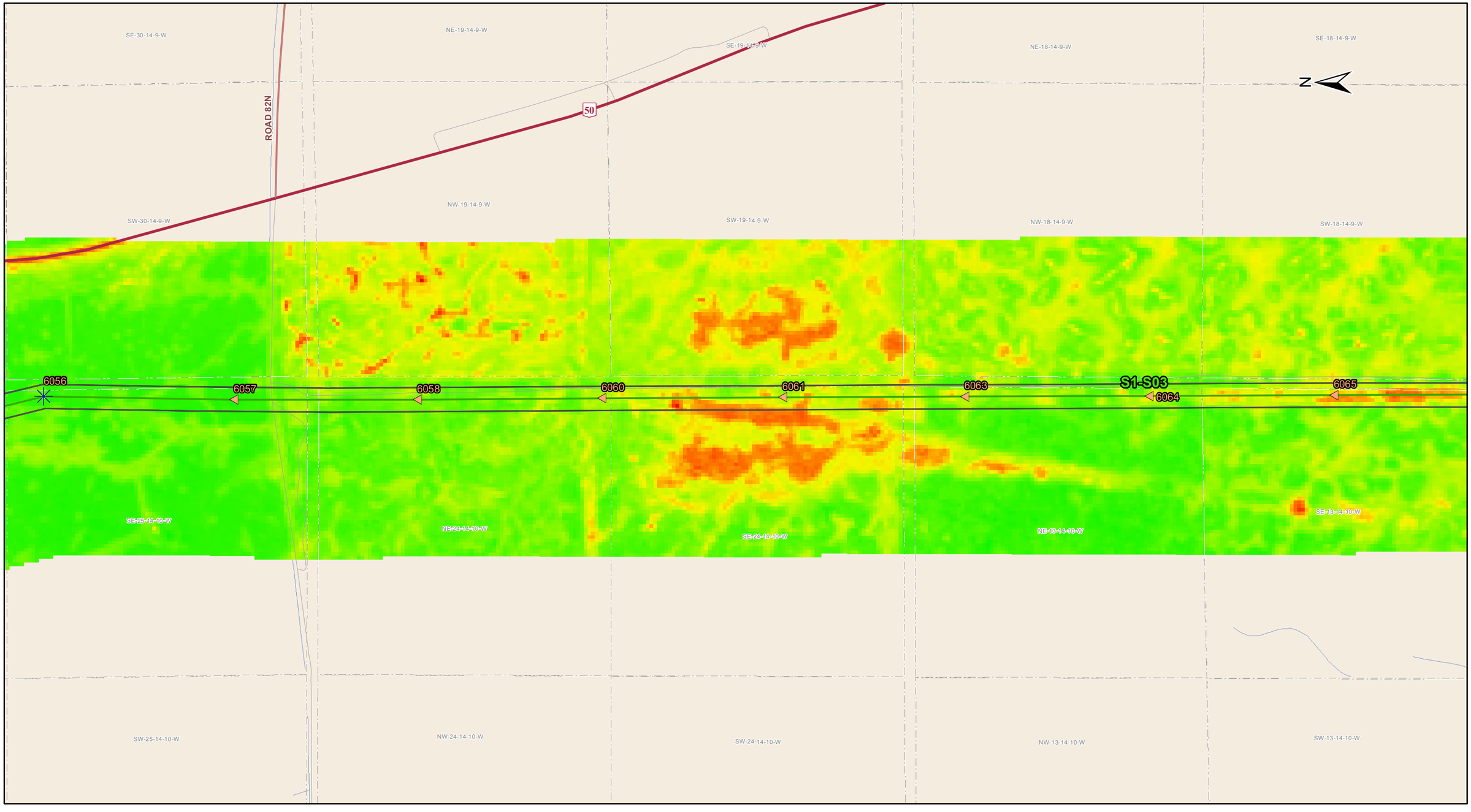
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-7



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

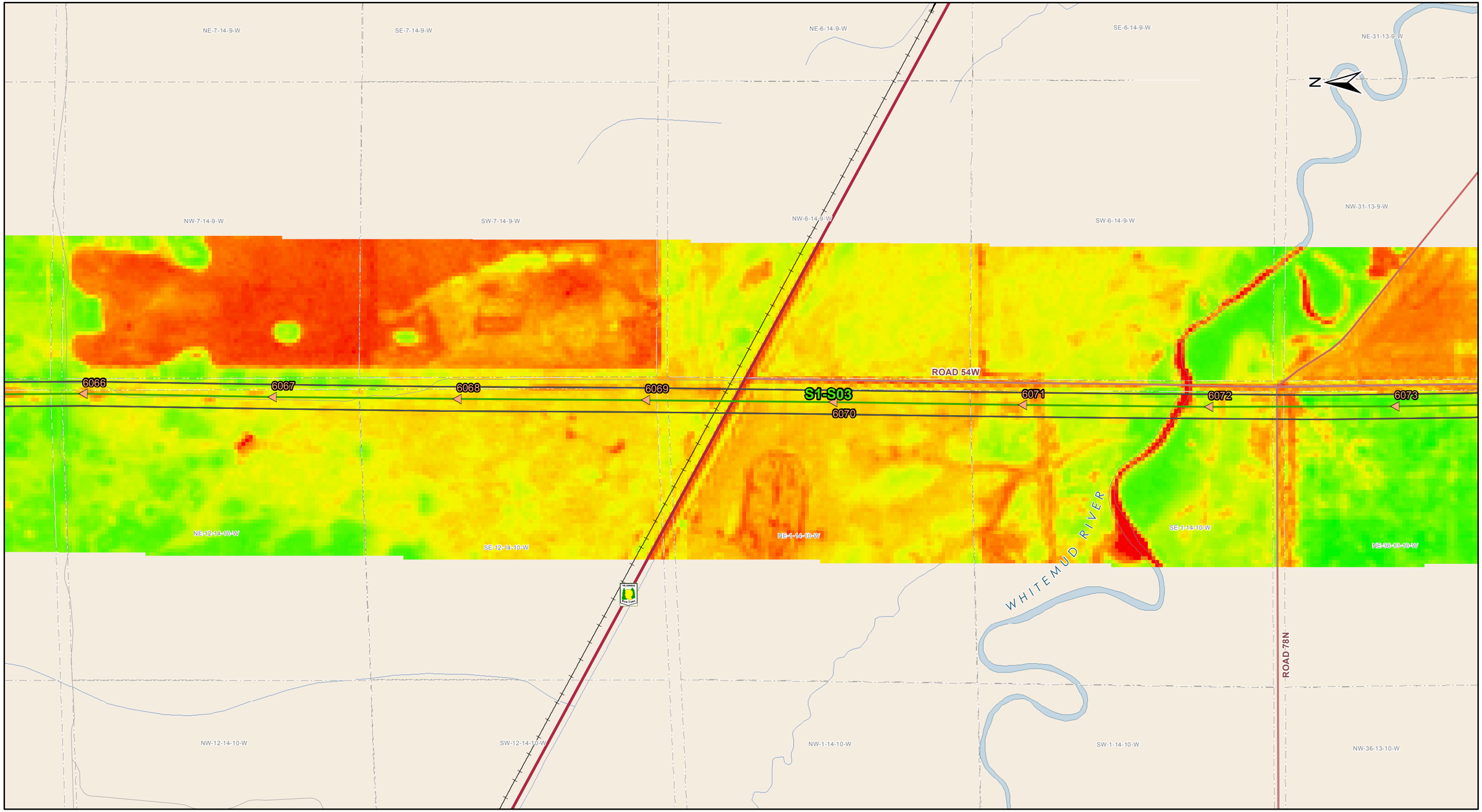
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-8



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

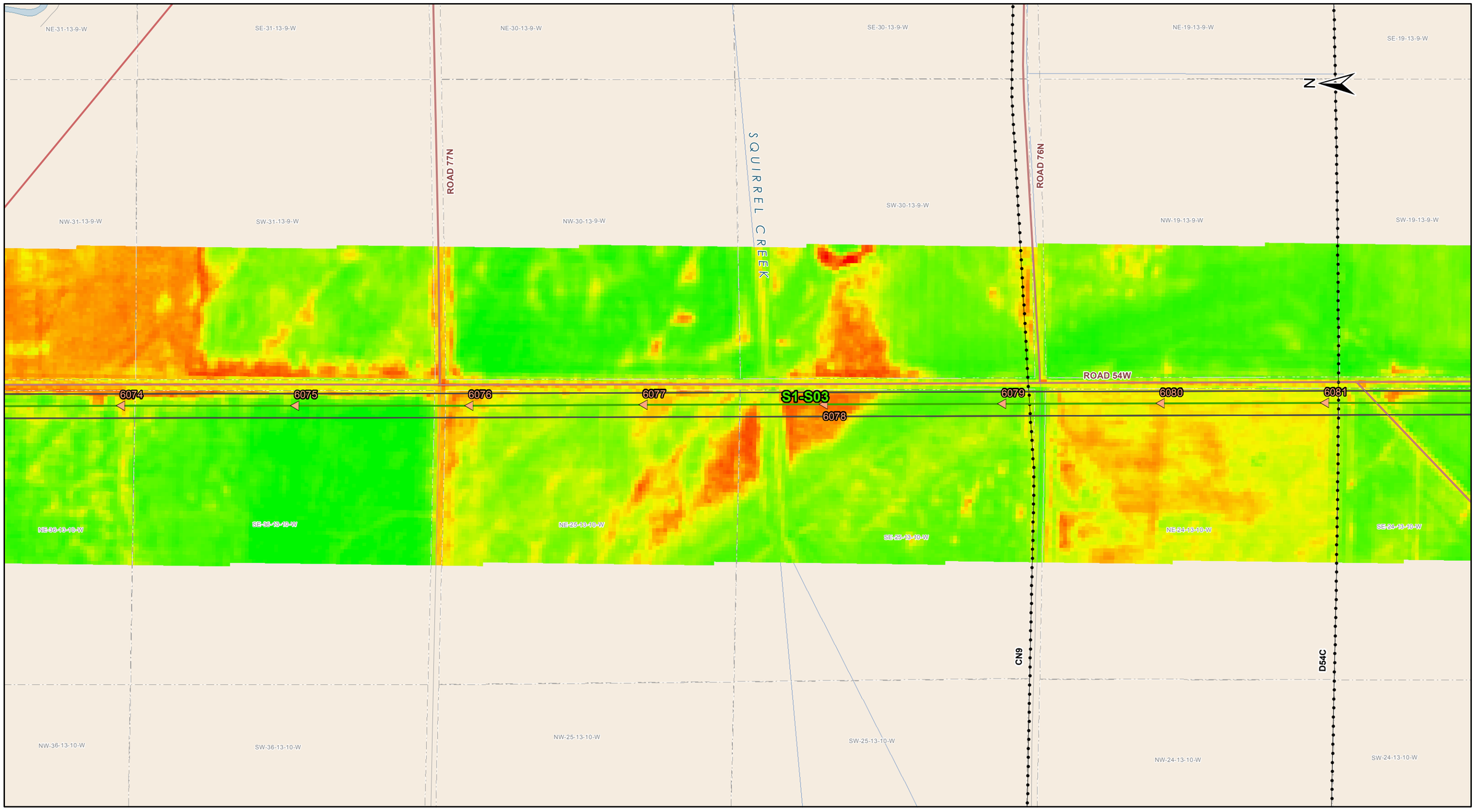
Landbase
- Highway
- Major Road
- Local Road
- Railway (Operational)
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-9



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

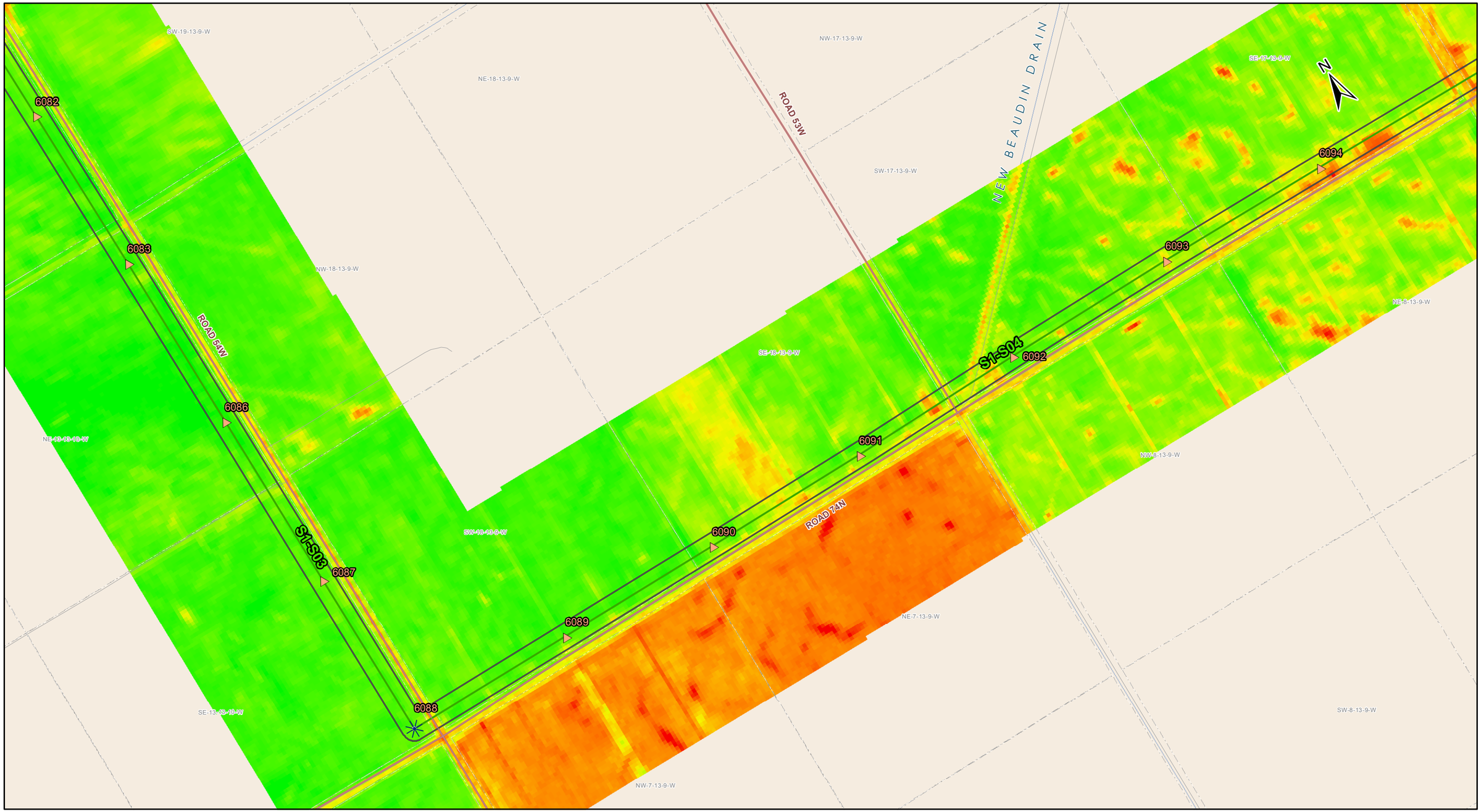
Landbase
- Major Road
- Local Road
- Transmission Line
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-10



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

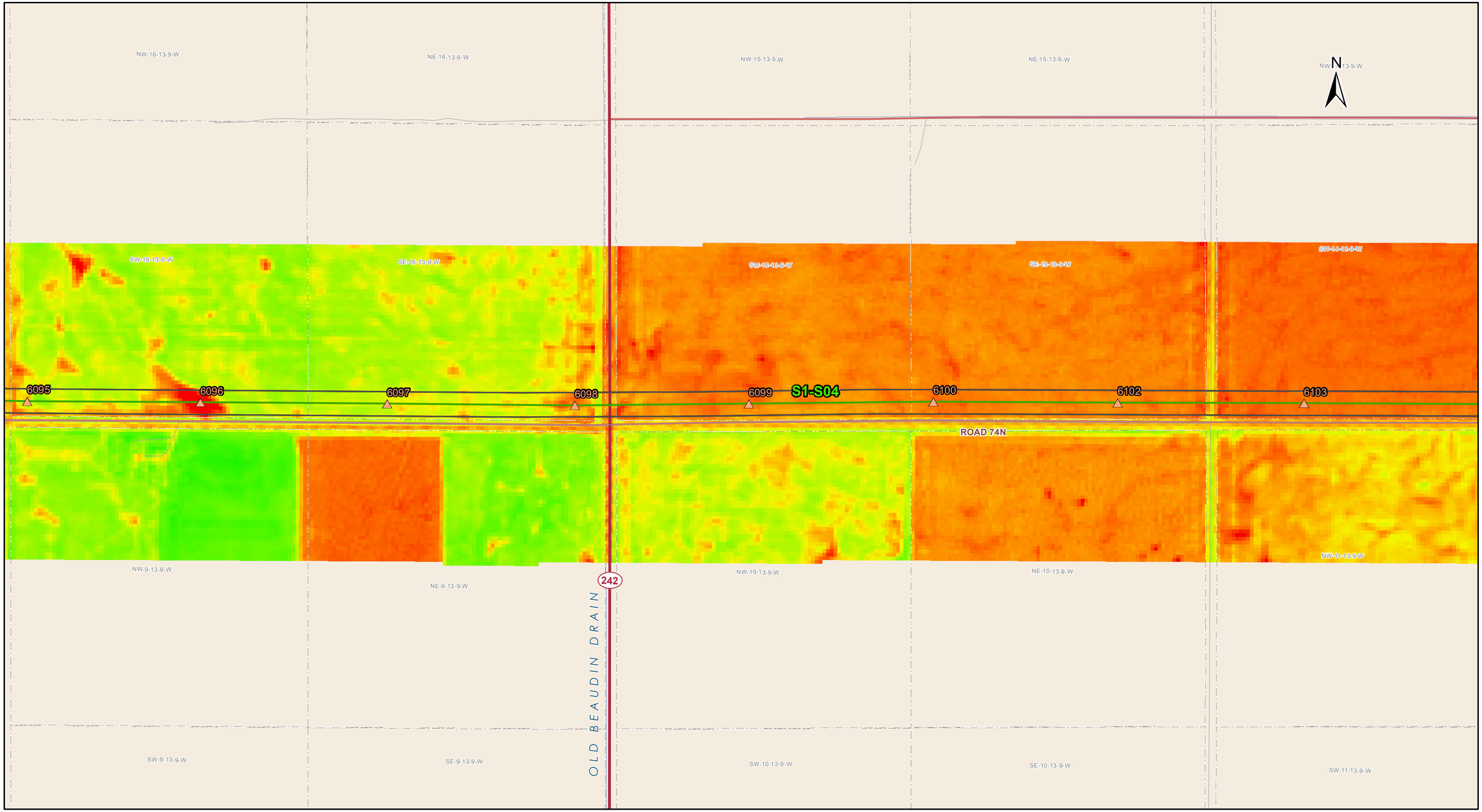
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-11



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

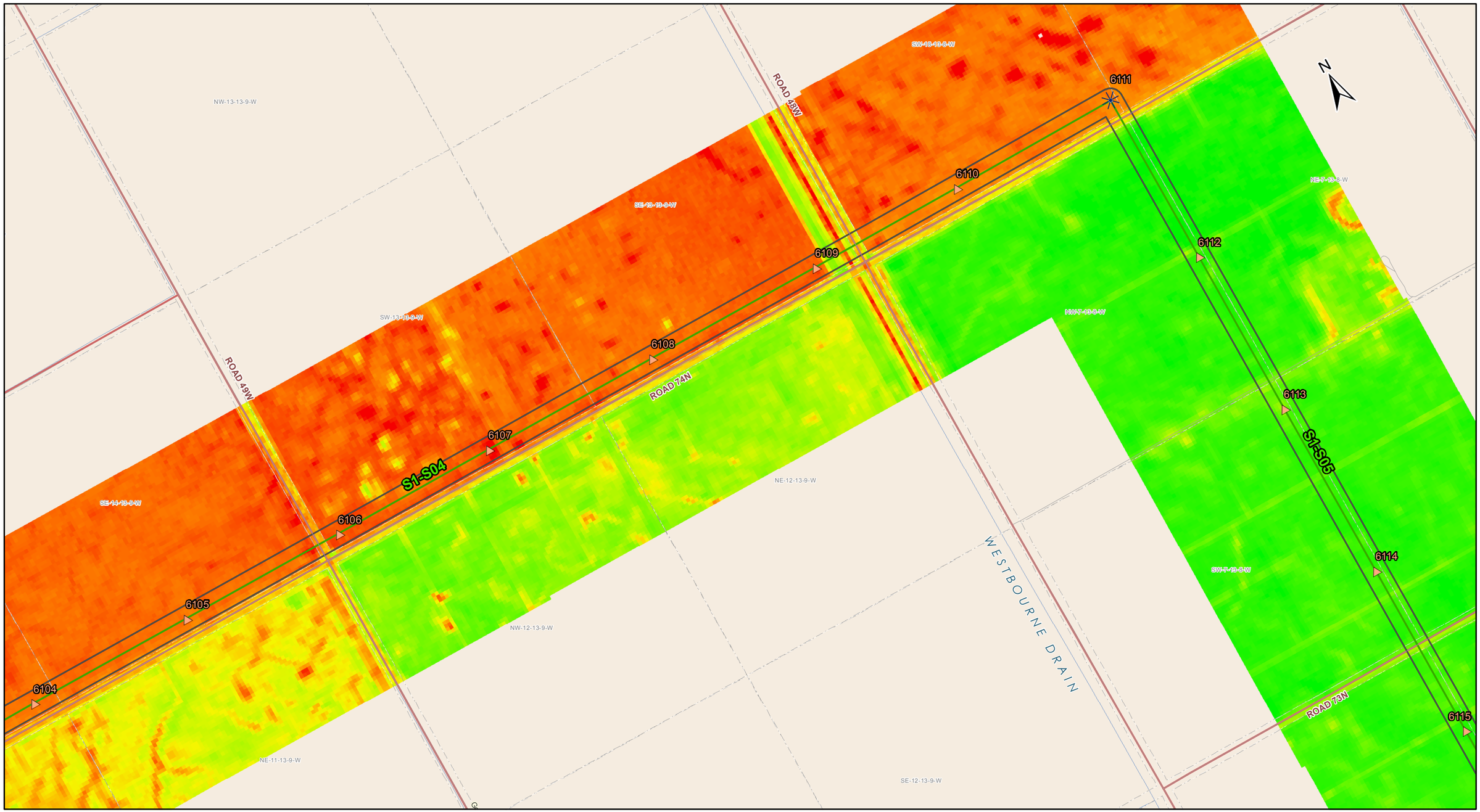
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-12



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

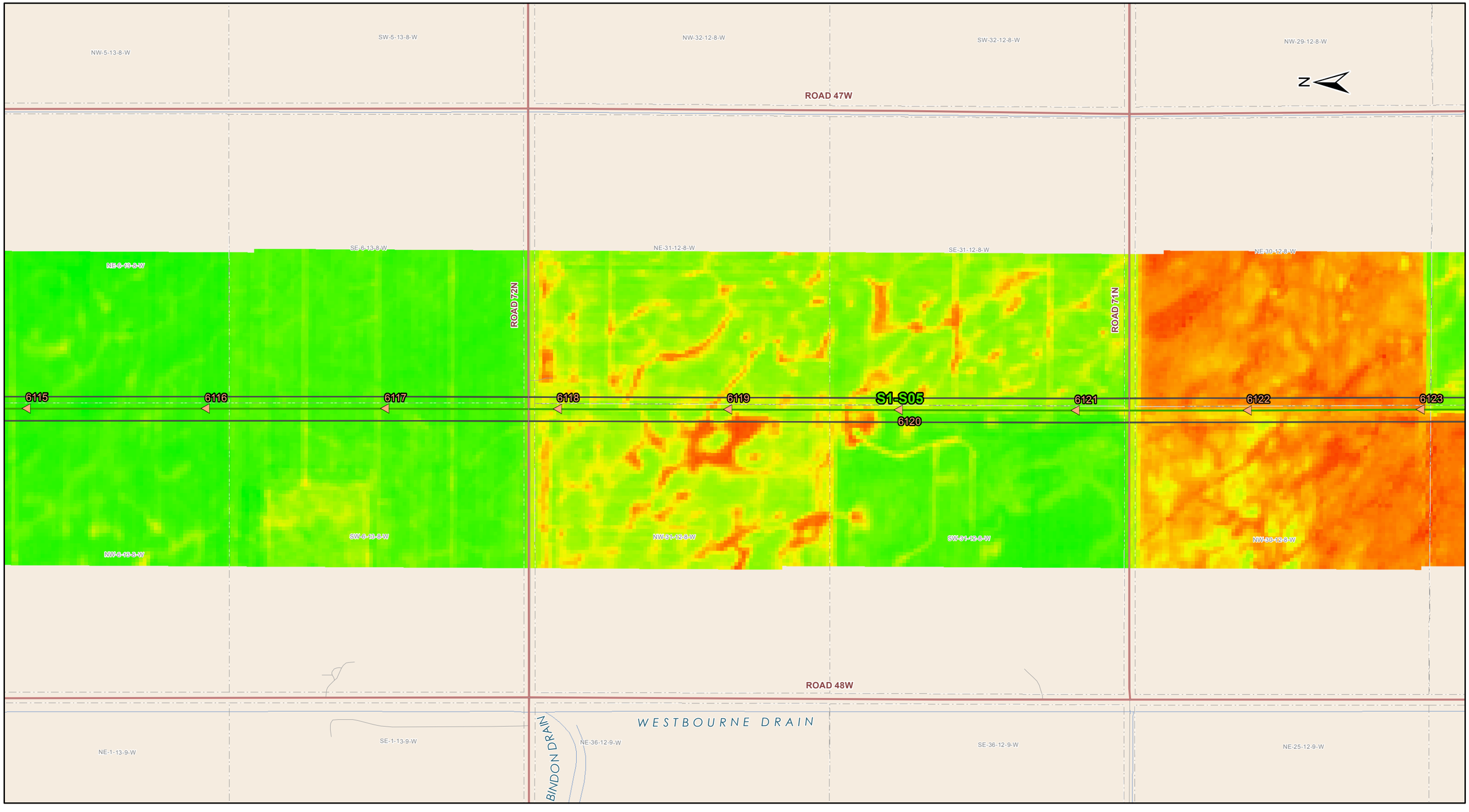
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map 4-400-13



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

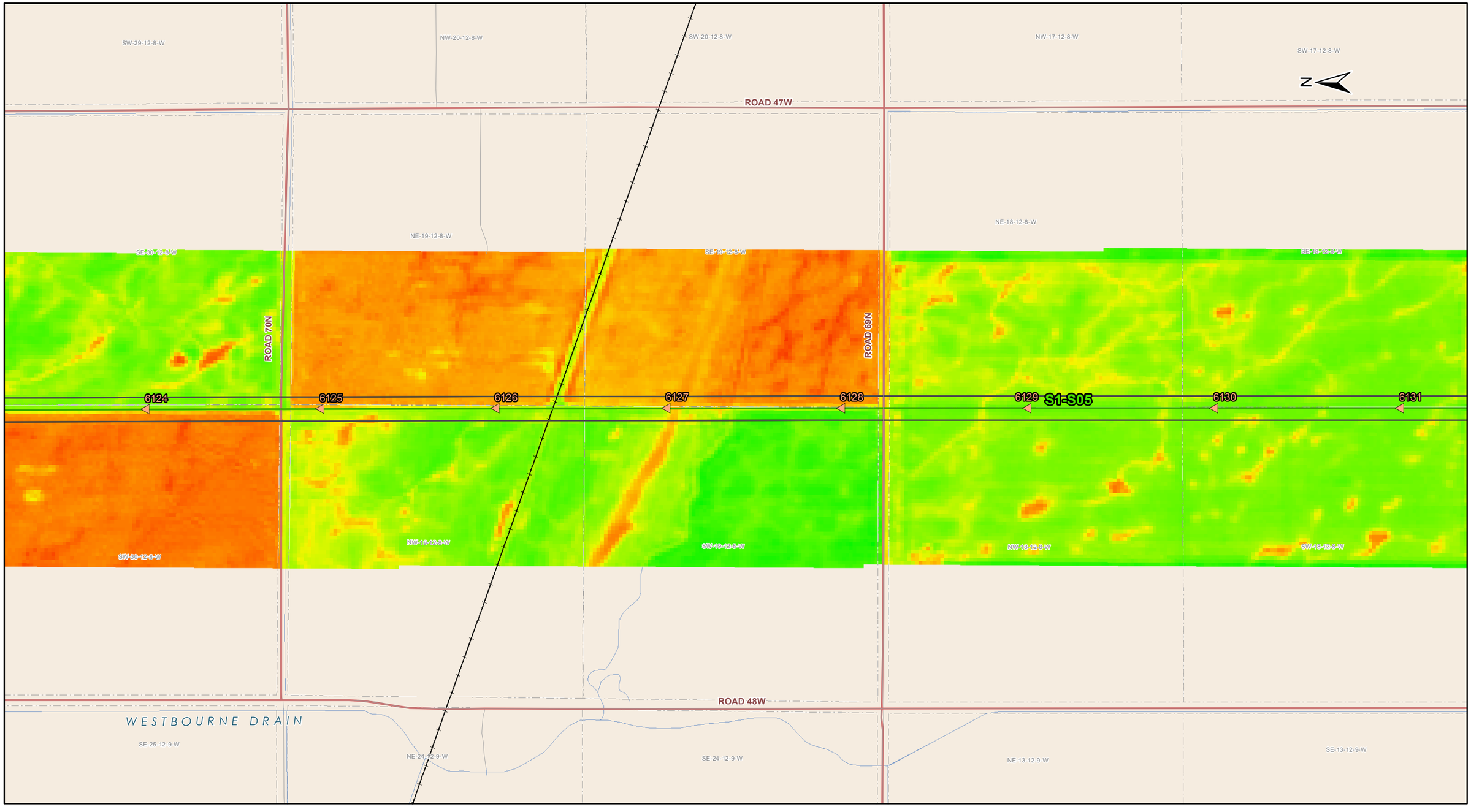
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-14



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

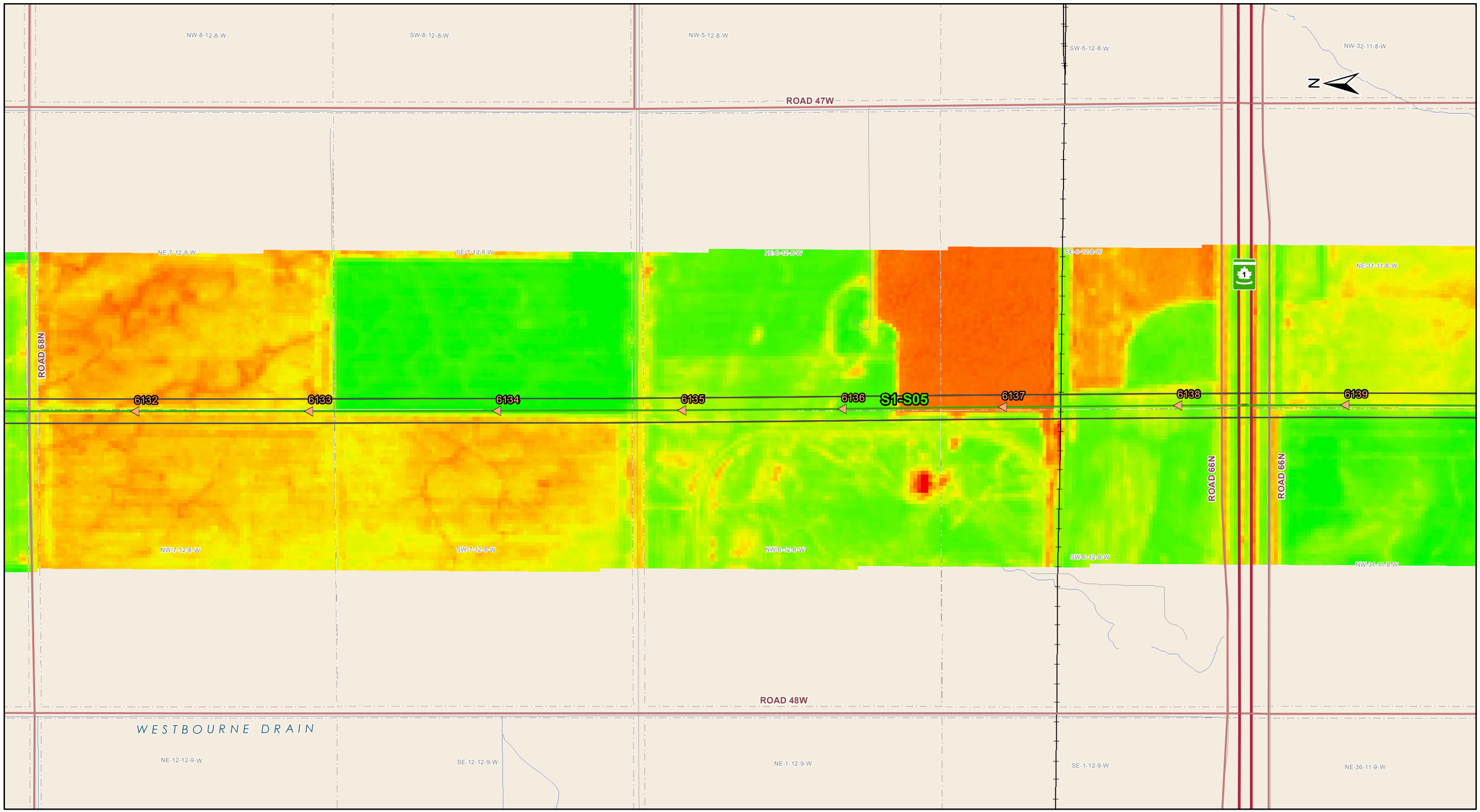
Landbase
- Major Road
- Local Road
- Railway (Operational)
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-15



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

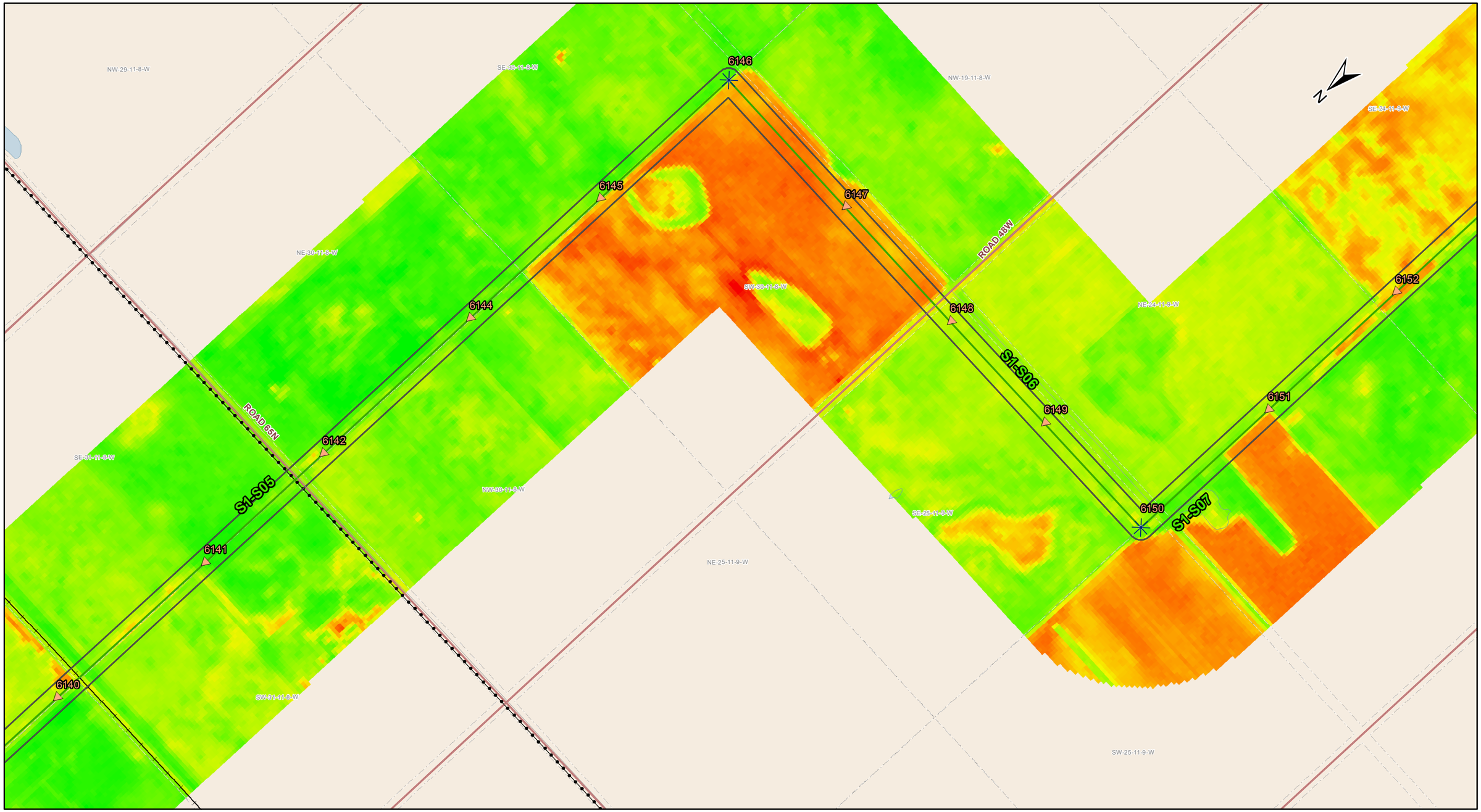
Landbase
- Highway
- Major Road
- Local Road
- Railway (Operational)
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-16



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

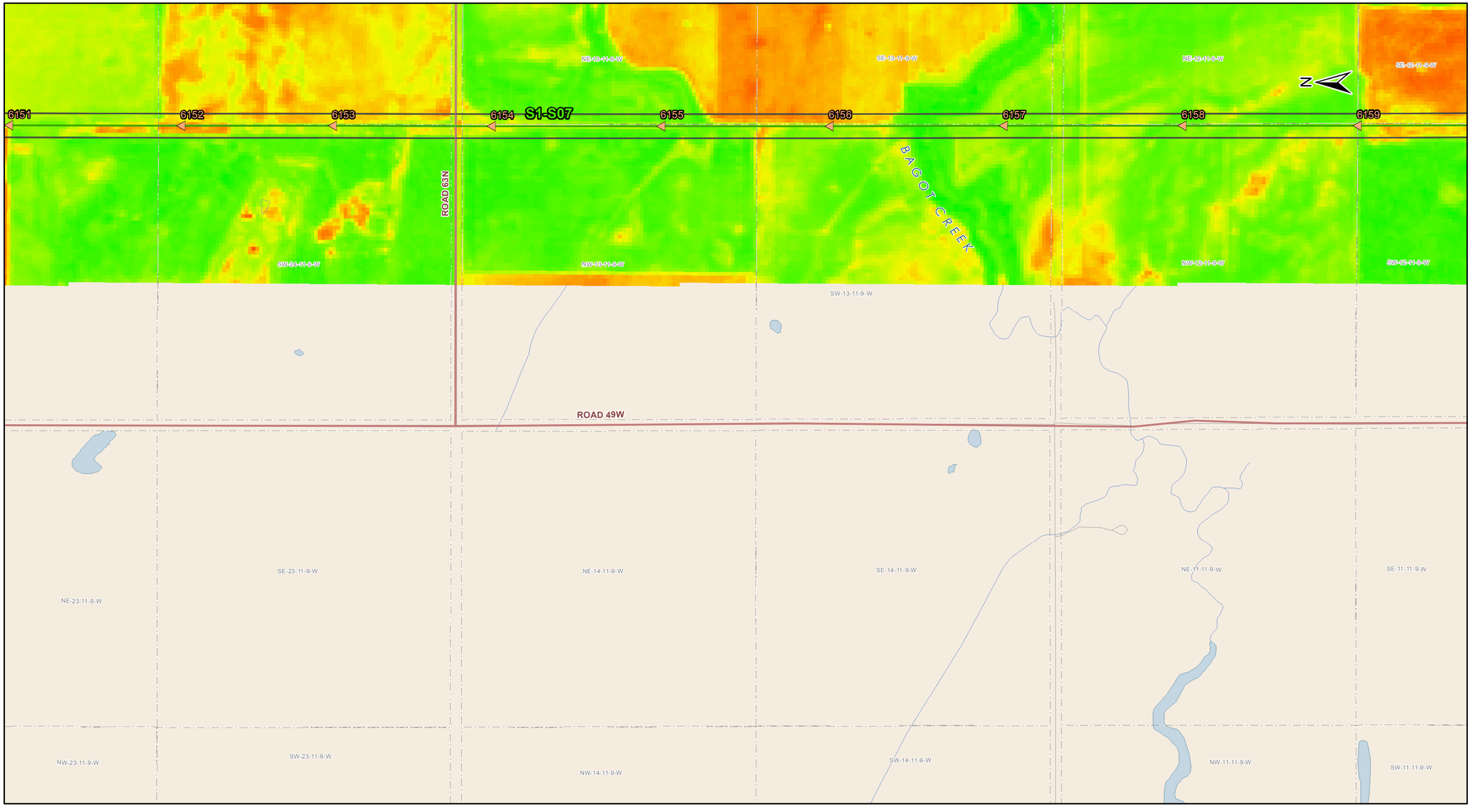
Landbase
- Major Road
- Local Road
- Railway (Operational)
- Transmission Line
- Land Parcel Fabric
- Waterbodies

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-17



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI

Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

Landbase

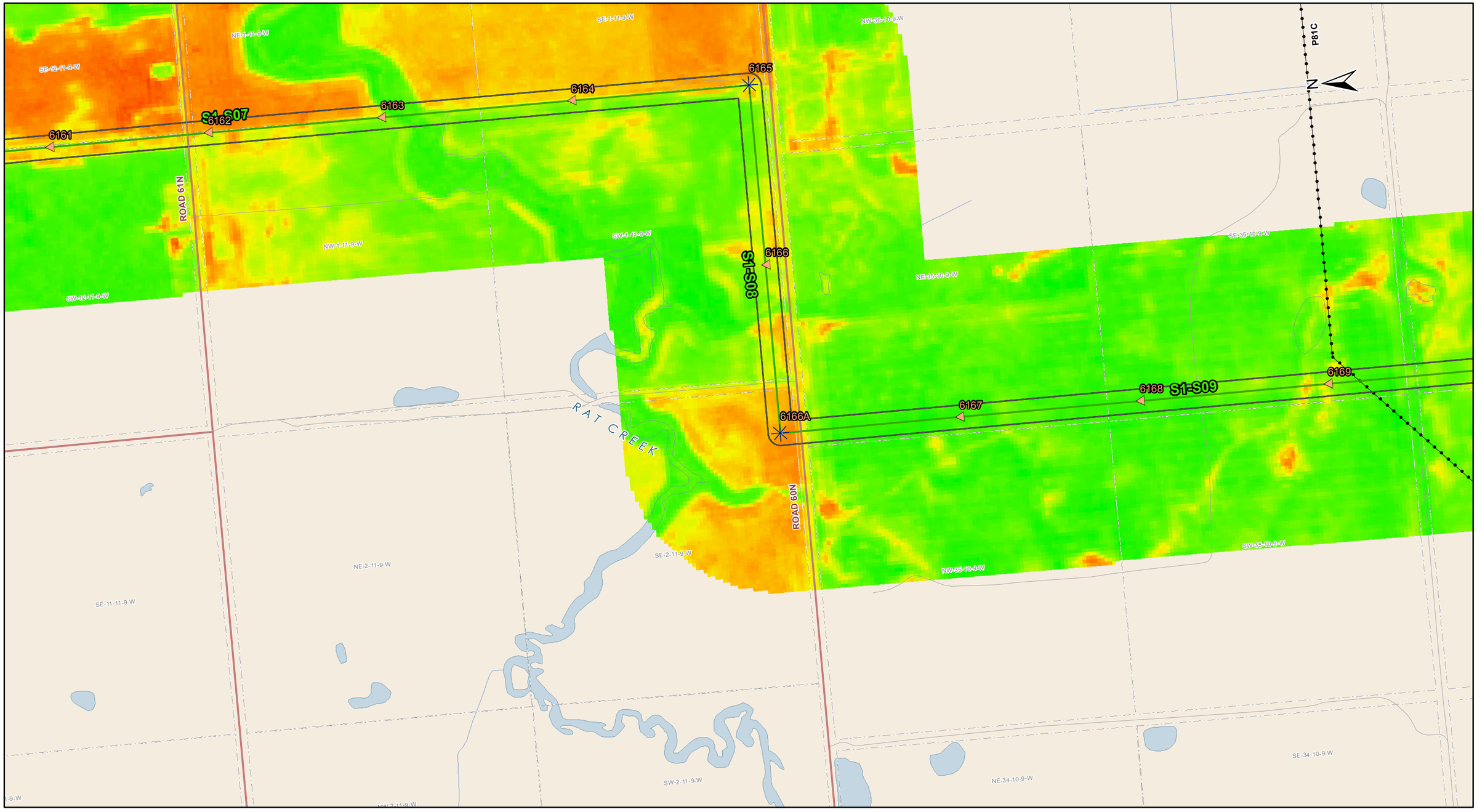
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-18



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

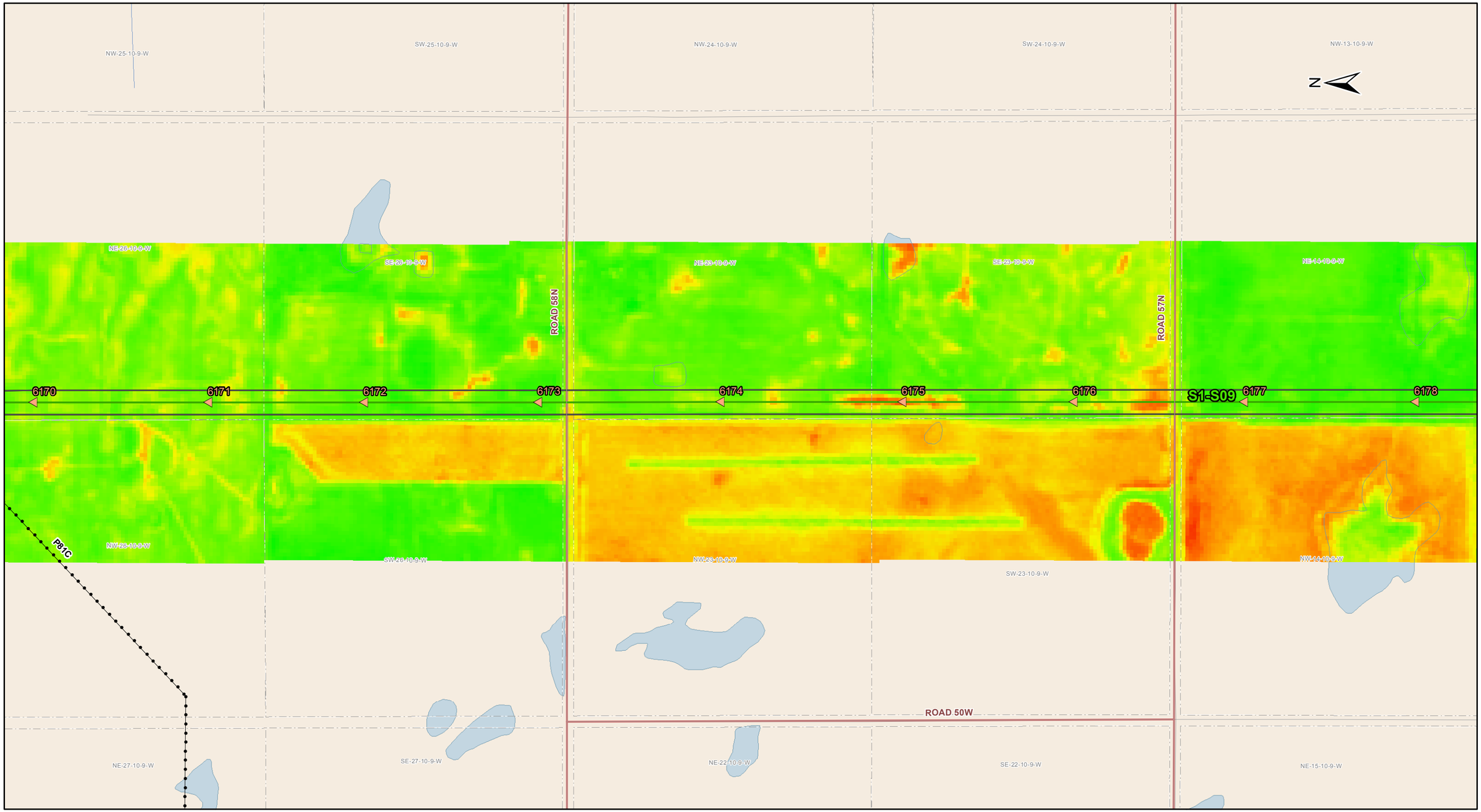
Landbase
- Major Road
- Local Road
- Transmission Line
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-19



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

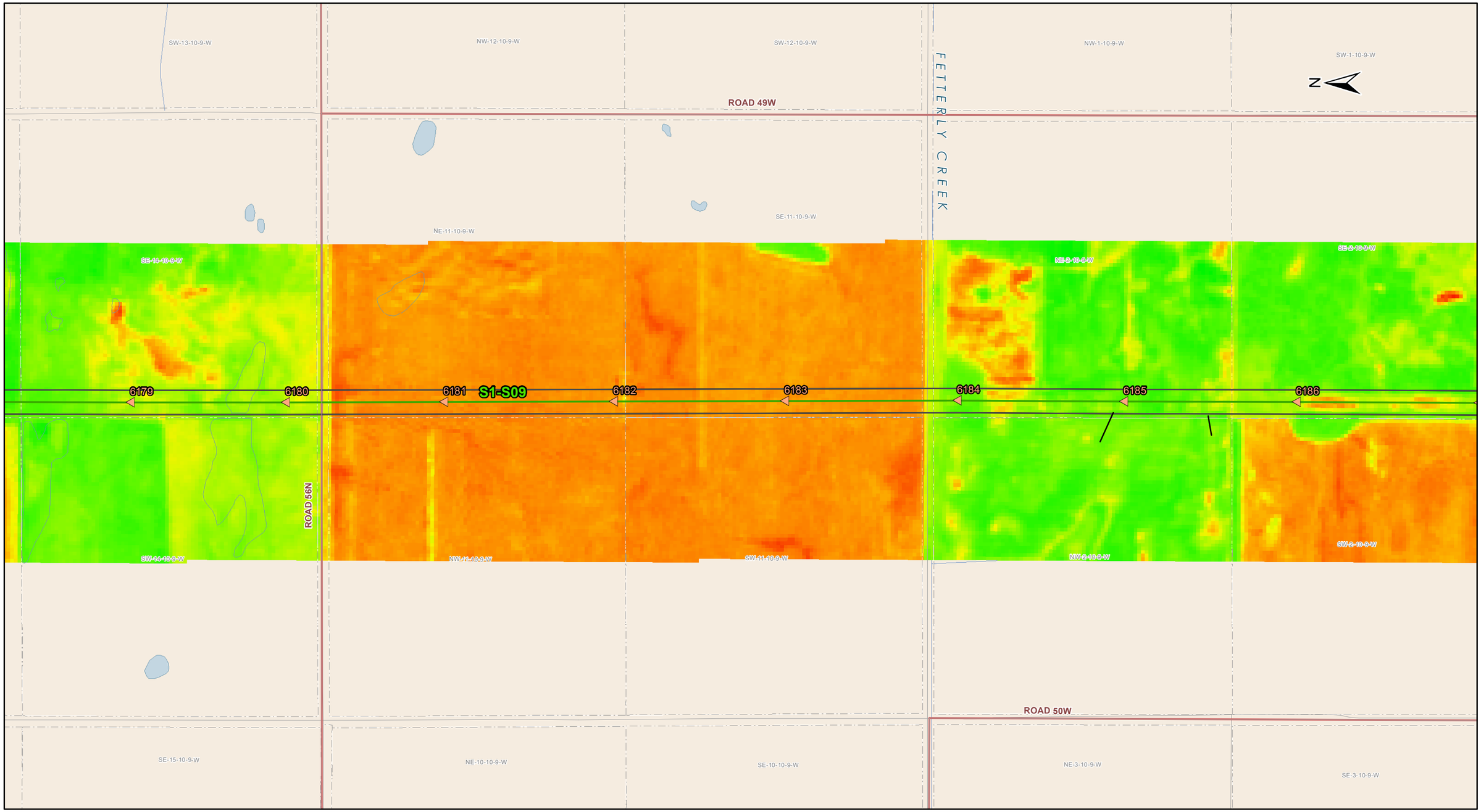
Landbase
- Major Road
- Local Road
- Transmission Line
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-20



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

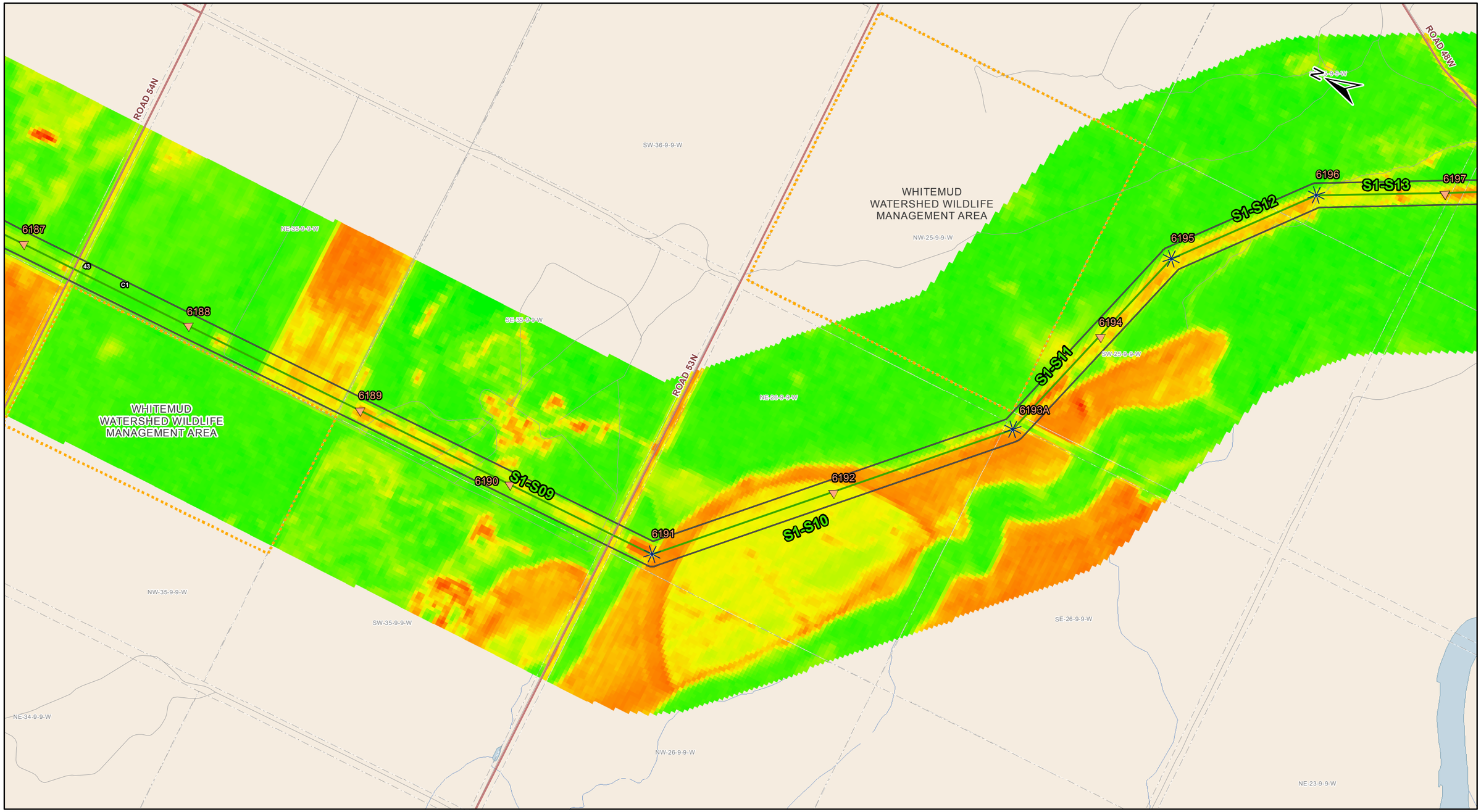
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-21



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

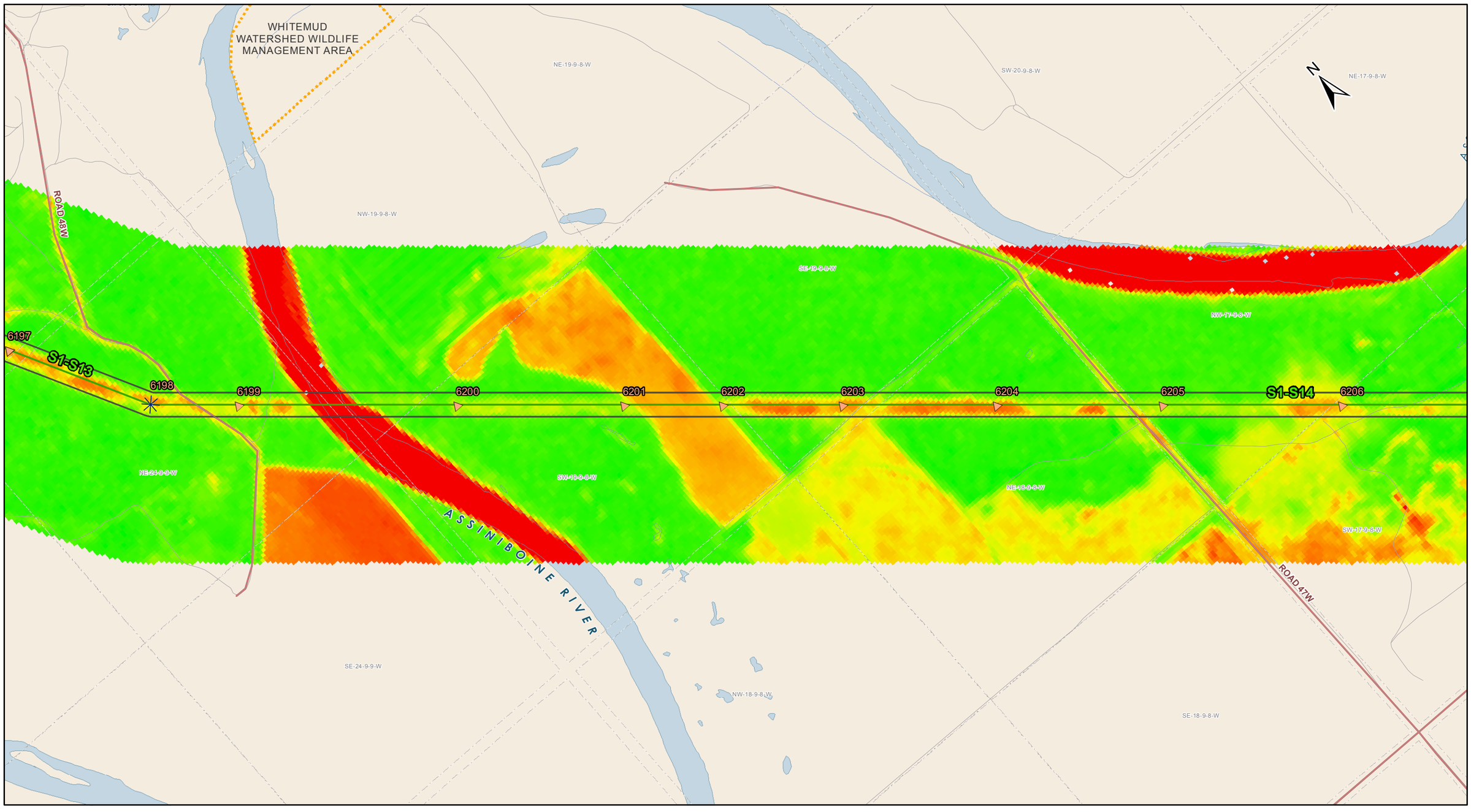
Landbase
- Major Road
- Local Road
- Wildlife Management Area
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-22



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

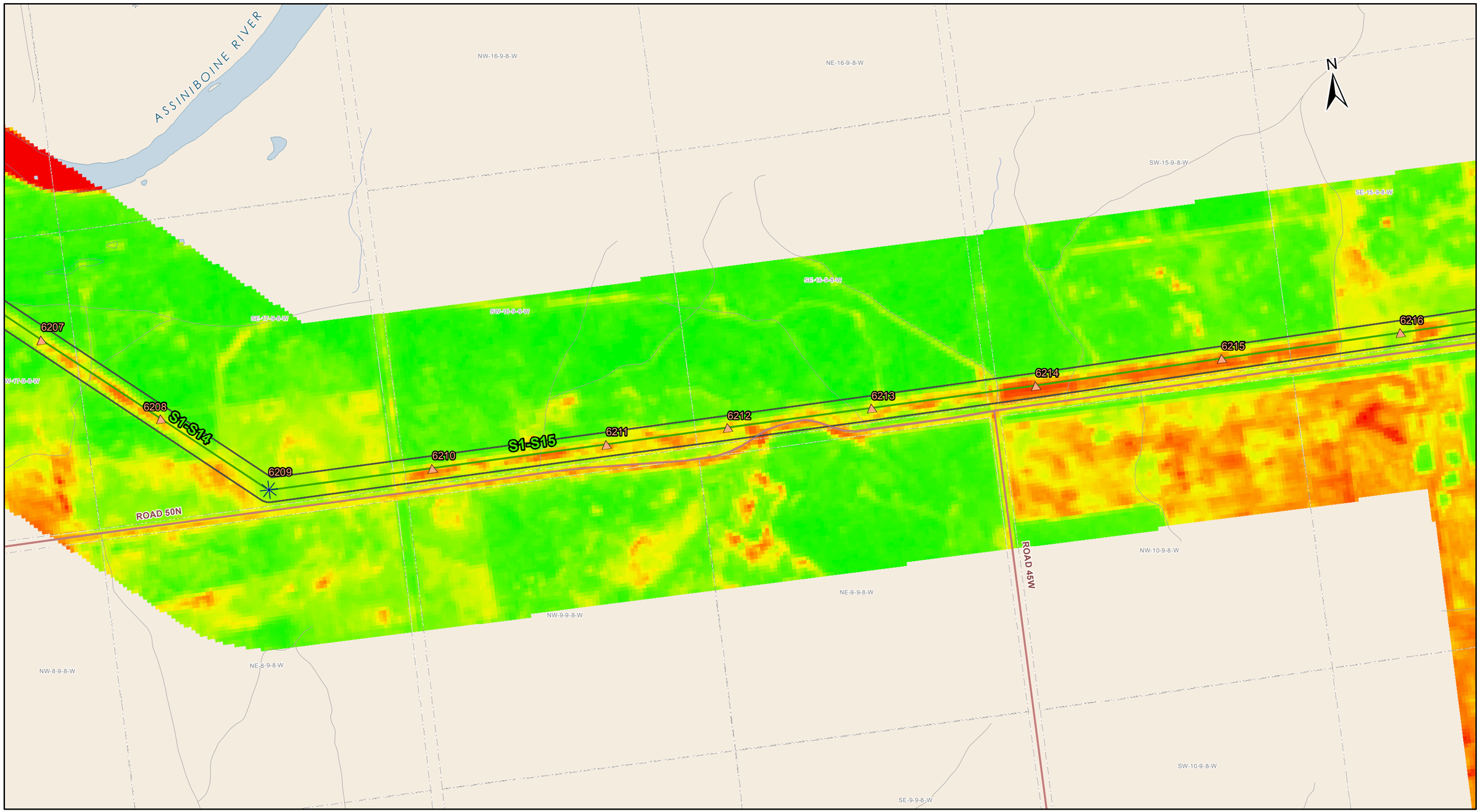
Landbase
- Major Road
- Local Road
- Wildlife Management Area
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-23



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

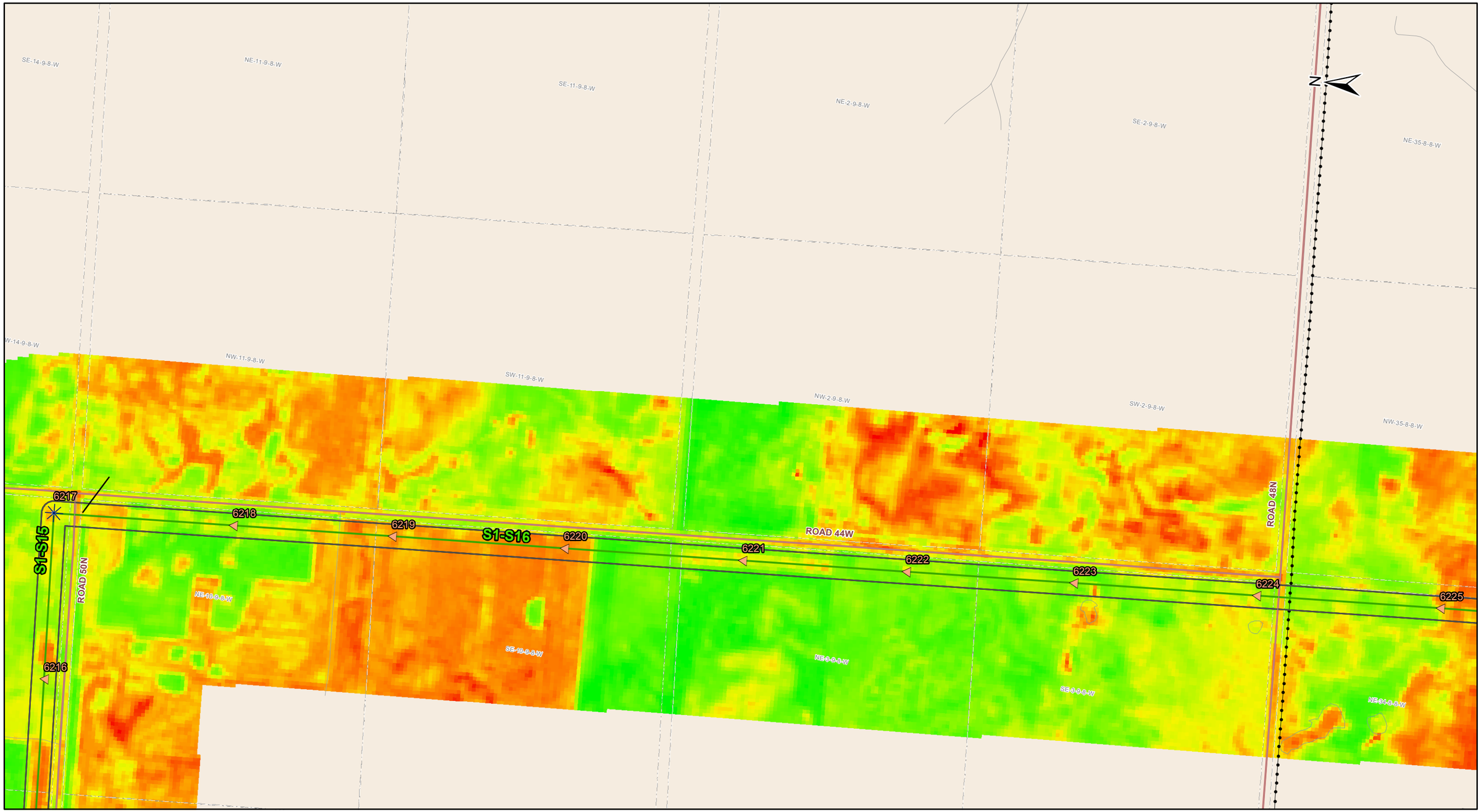
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-24



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

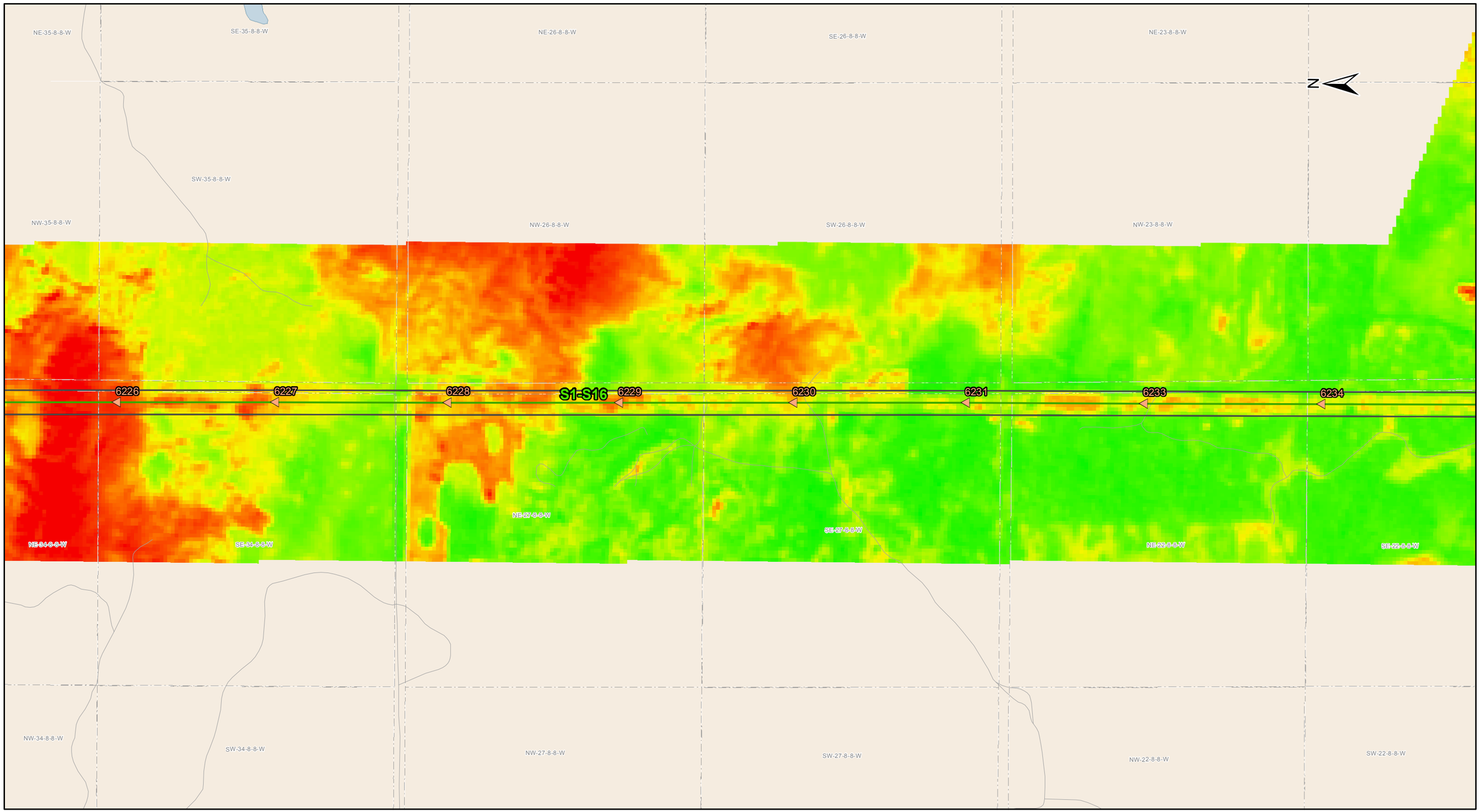
Landbase
- Major Road
- Local Road
- Transmission Line
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-25



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

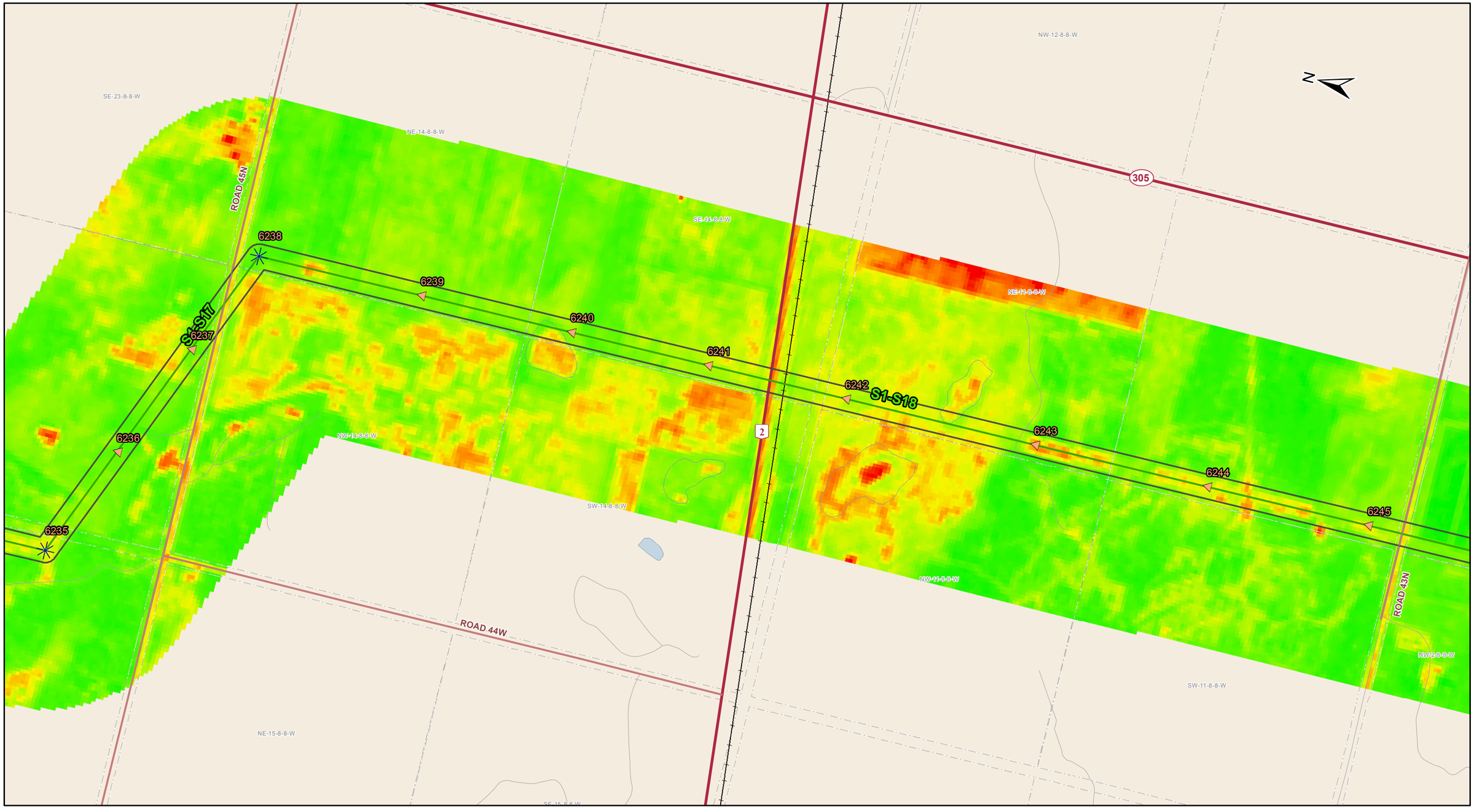
Landbase
- Local Road
- Land Parcel Fabric
- Waterbodies

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-26



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)
- Proposed Access Route

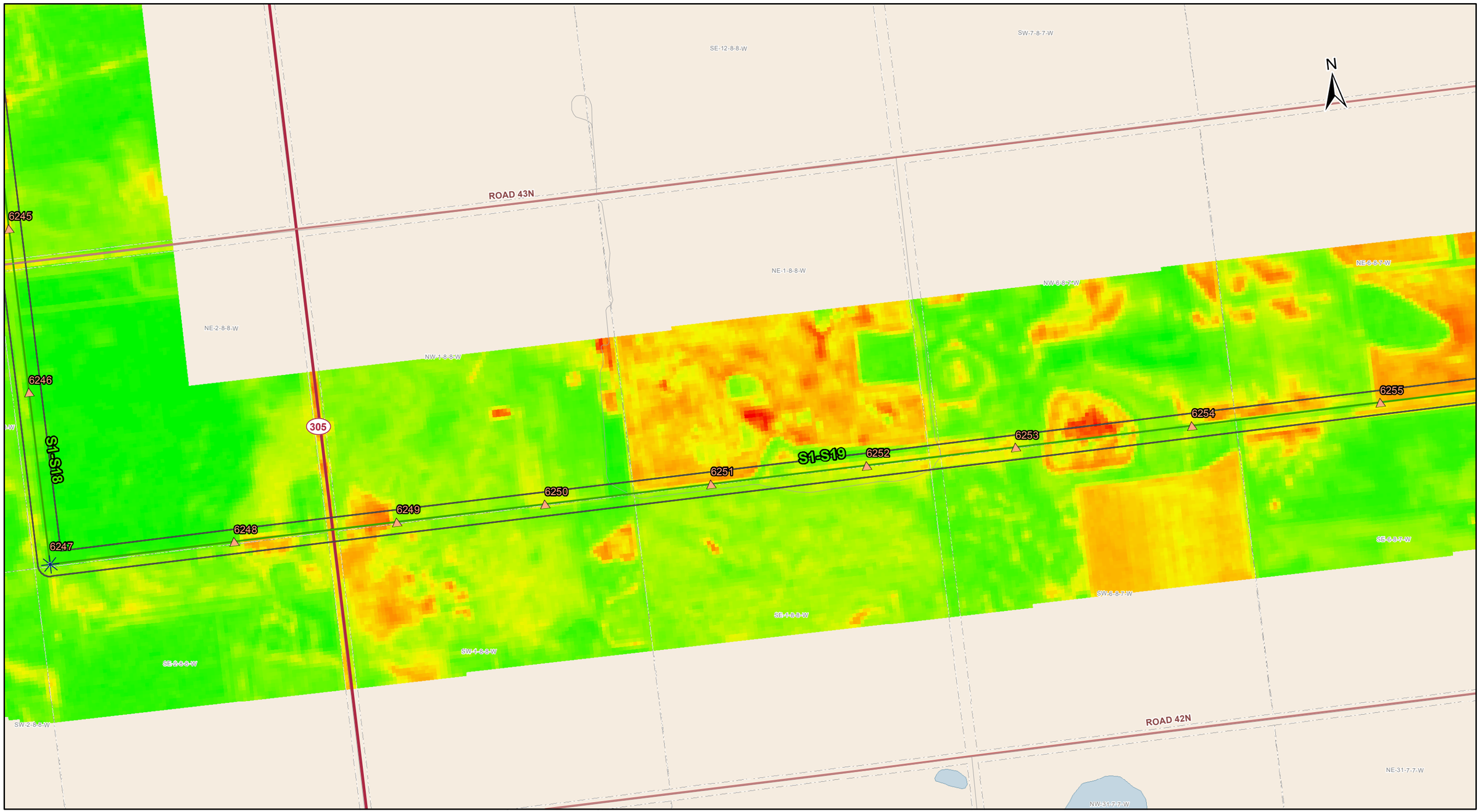
Landbase
- Highway
- Major Road
- Local Road
- Railway (Operational)
- Land Parcel Fabric
- Waterbodies

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-27



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)
- Proposed Access Route

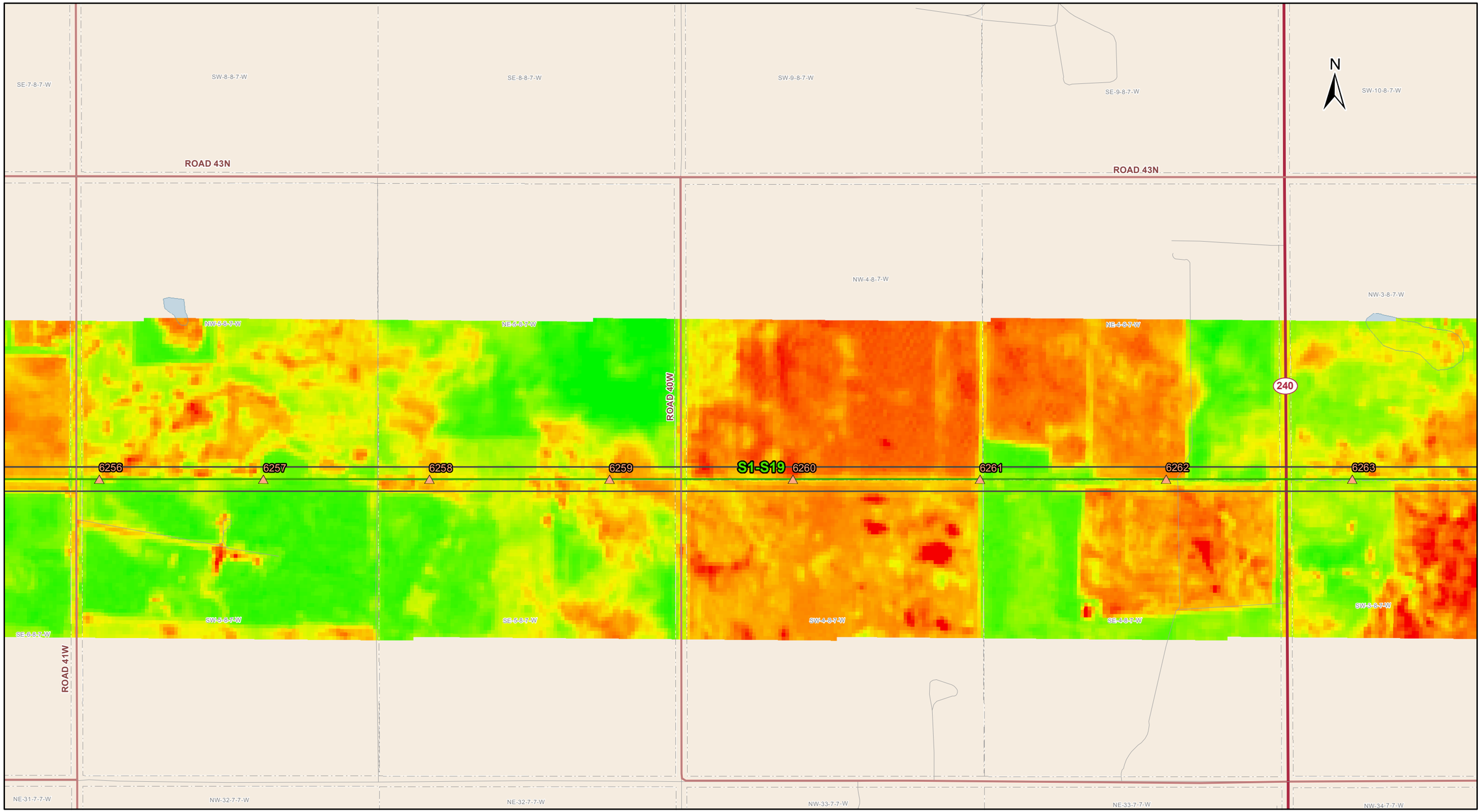
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-28



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

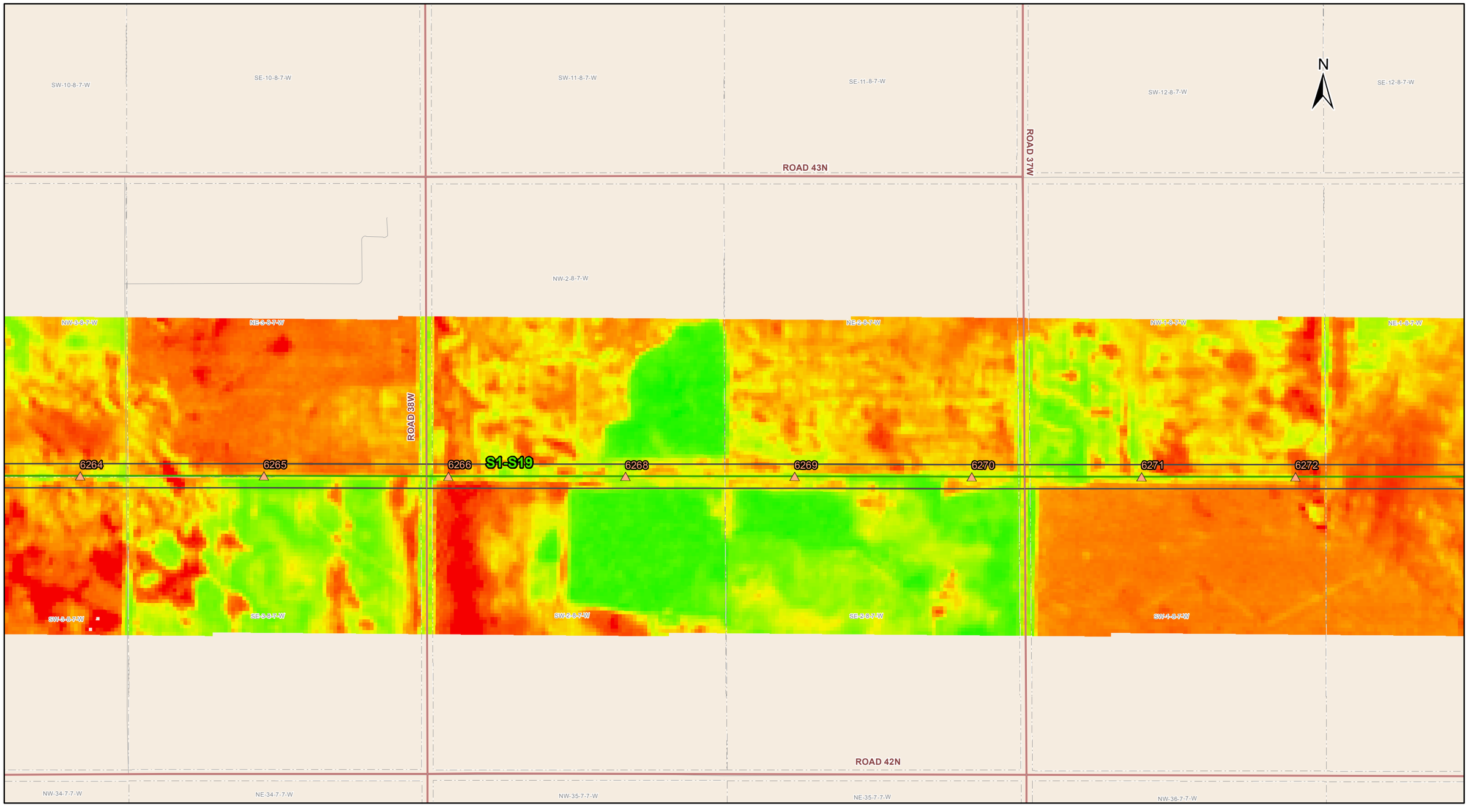
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-29



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI

Summer 2016

High : 1

Low : -1

Project Infrastructure

- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

Landbase

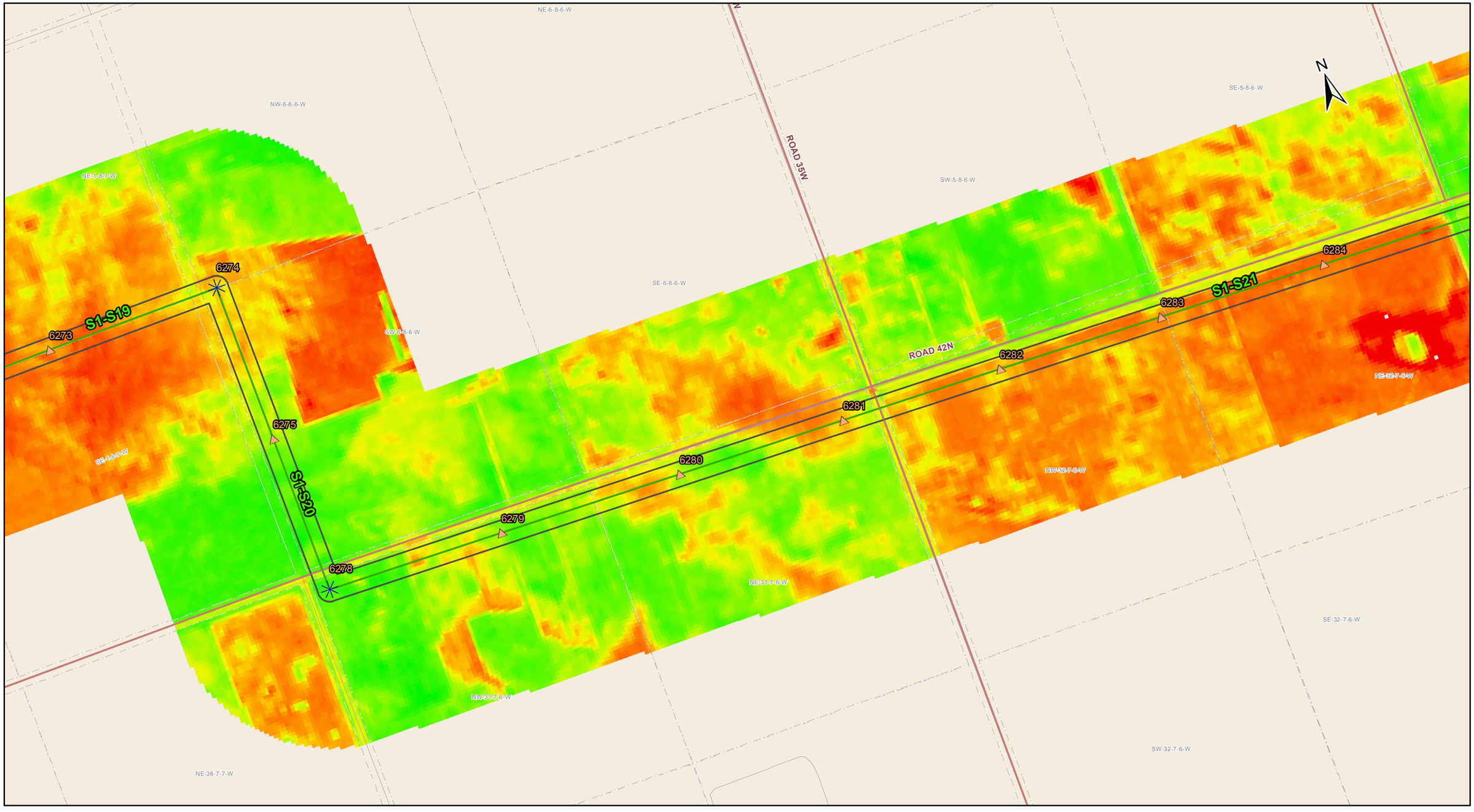
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-30



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

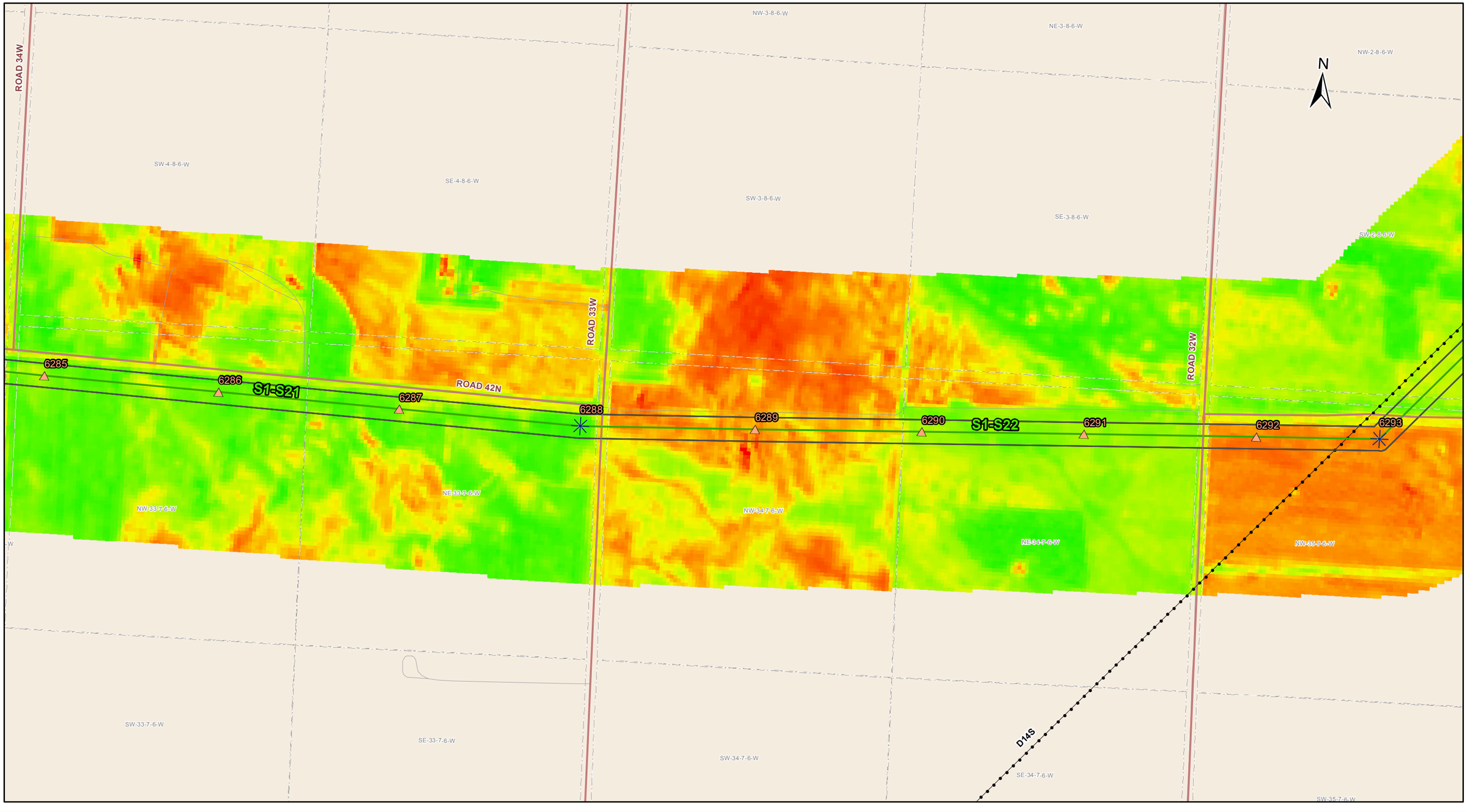
Landbase
- Major Road
- Local Road
- Land Parcel Fabric

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-31



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

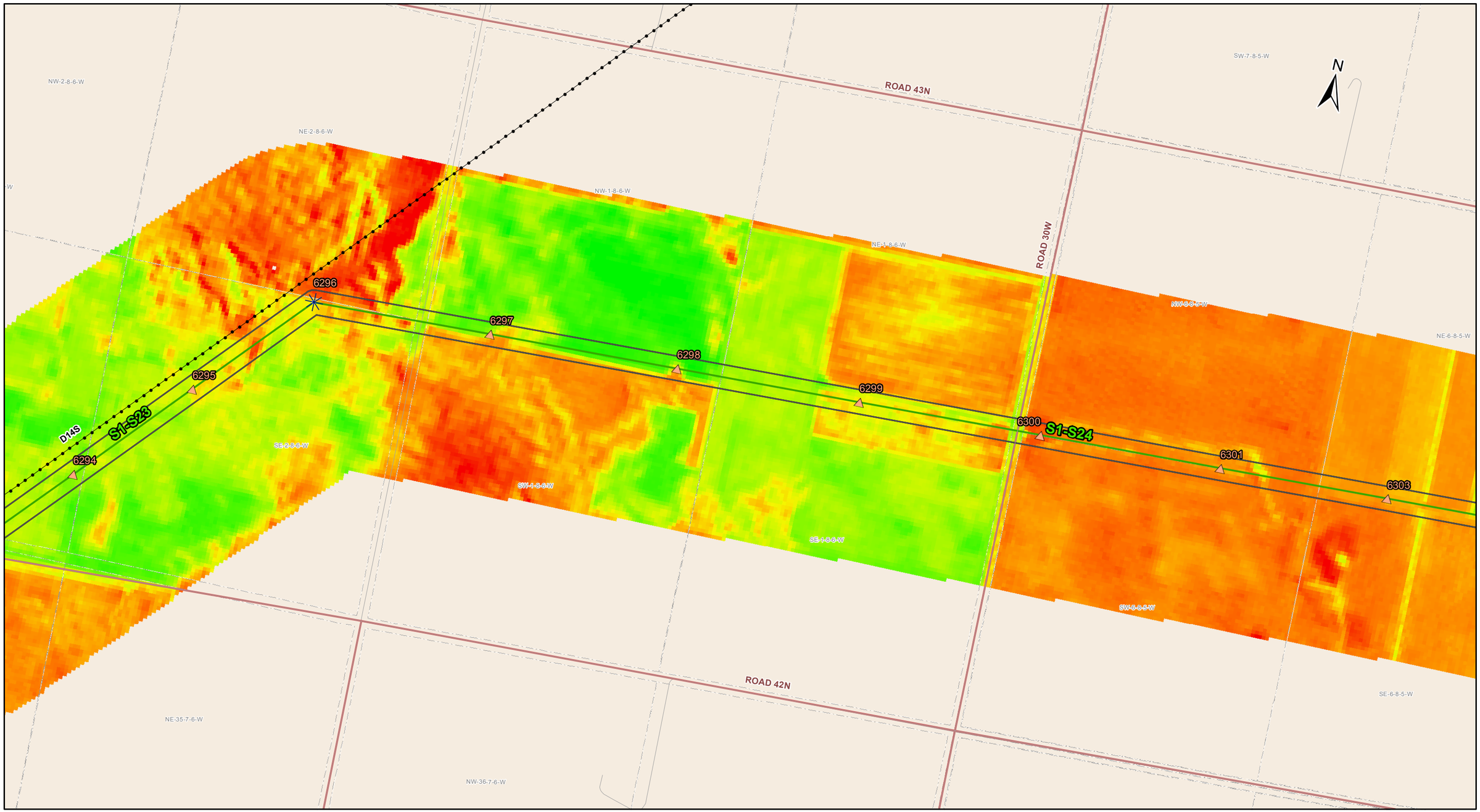
Landbase
- Major Road
- Local Road
- Transmission Line
- Land Parcel Fabric

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-32



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

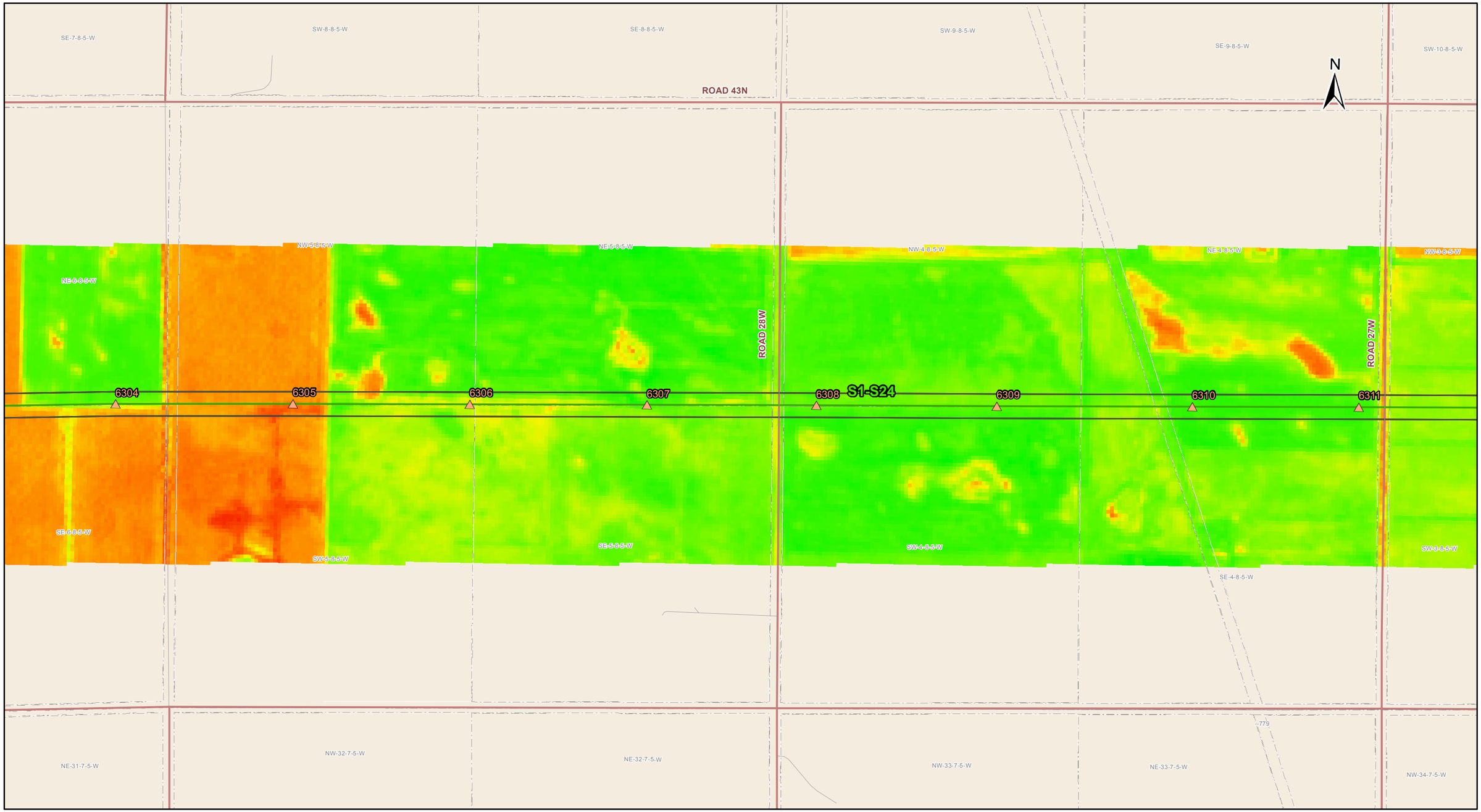
Landbase
- Major Road
- Local Road
- Transmission Line
- Land Parcel Fabric

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

DRAFT

Map 4-400-33



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

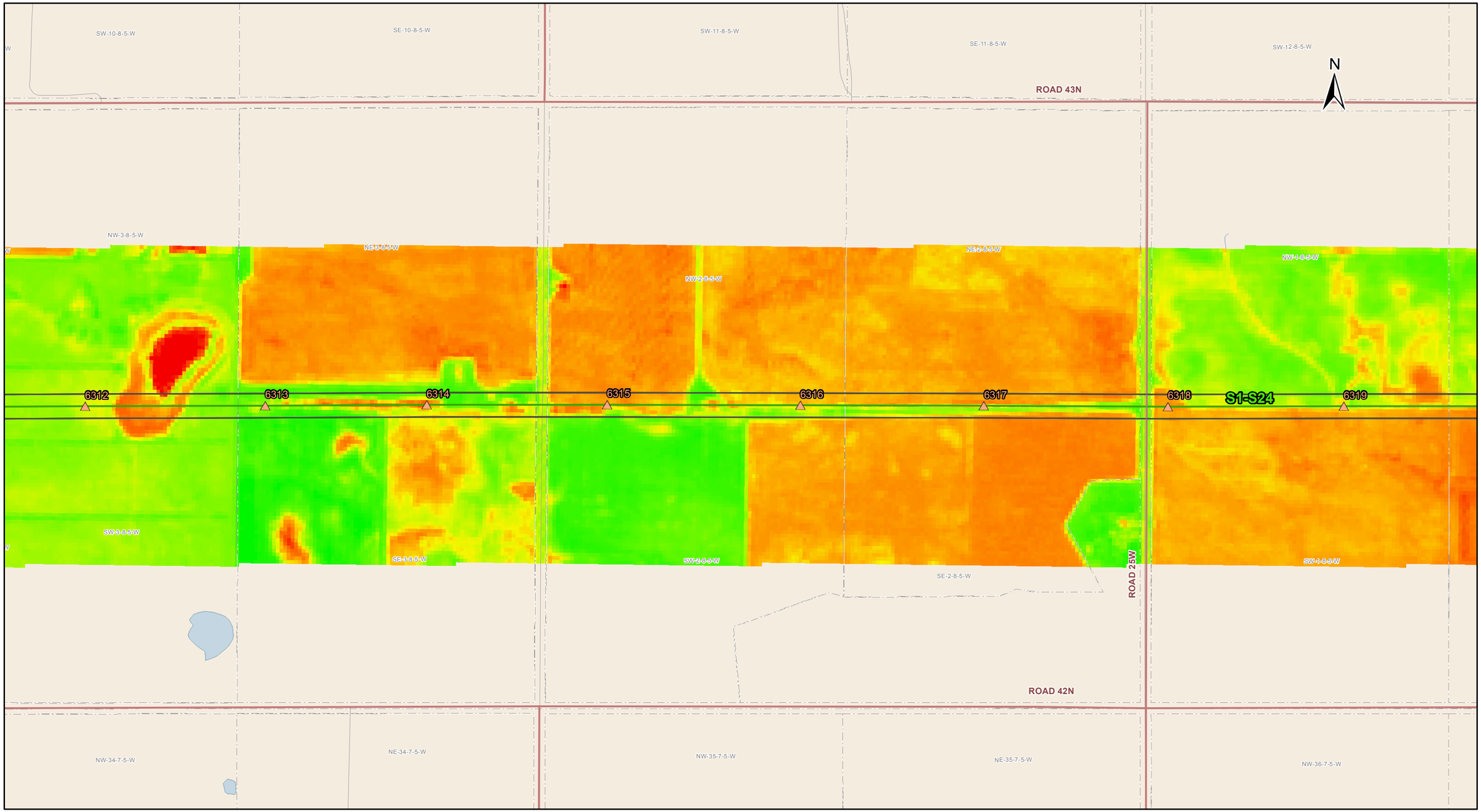
Landbase
- Major Road
- Local Road
- Land Parcel Fabric

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-34



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

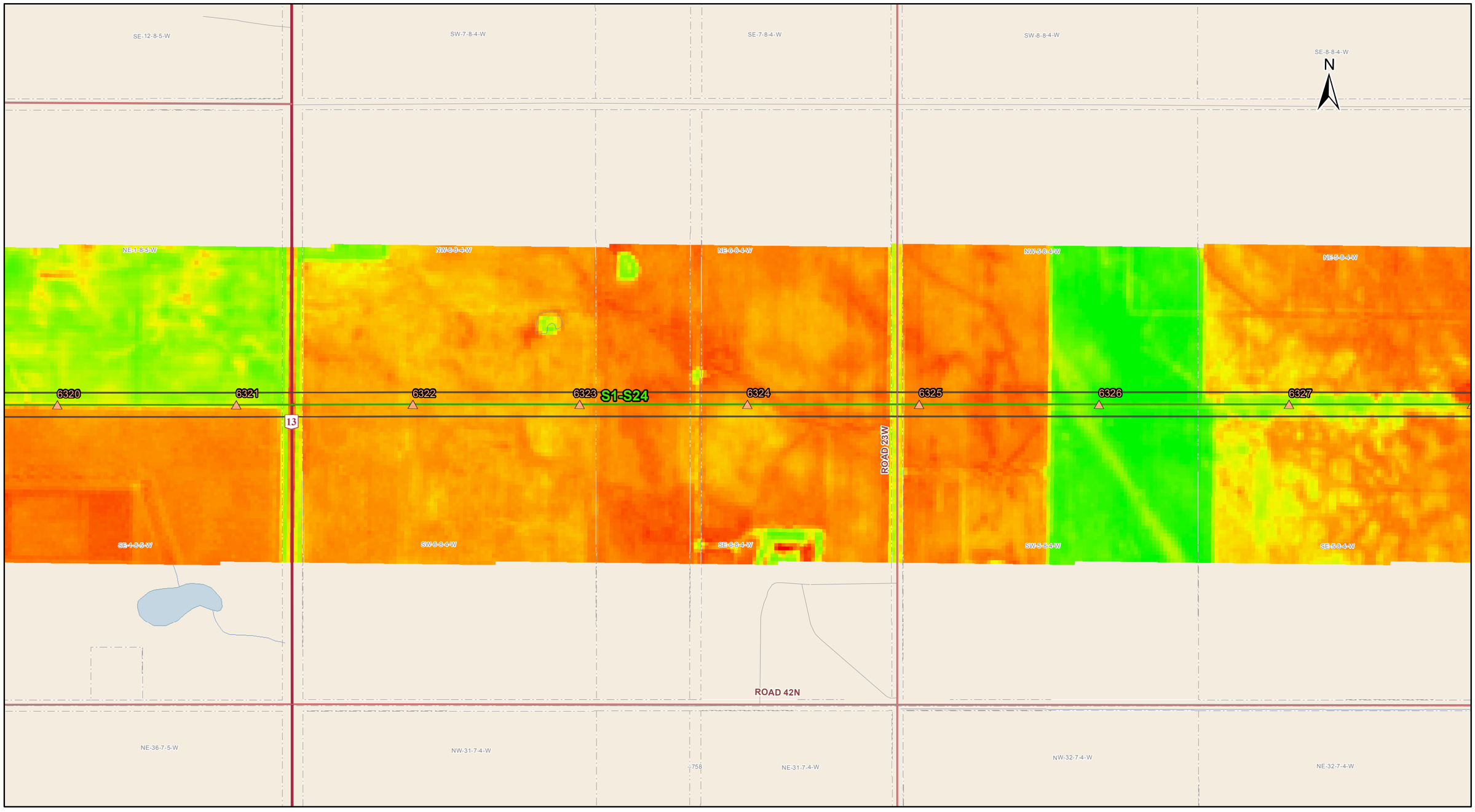
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-35



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres

1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

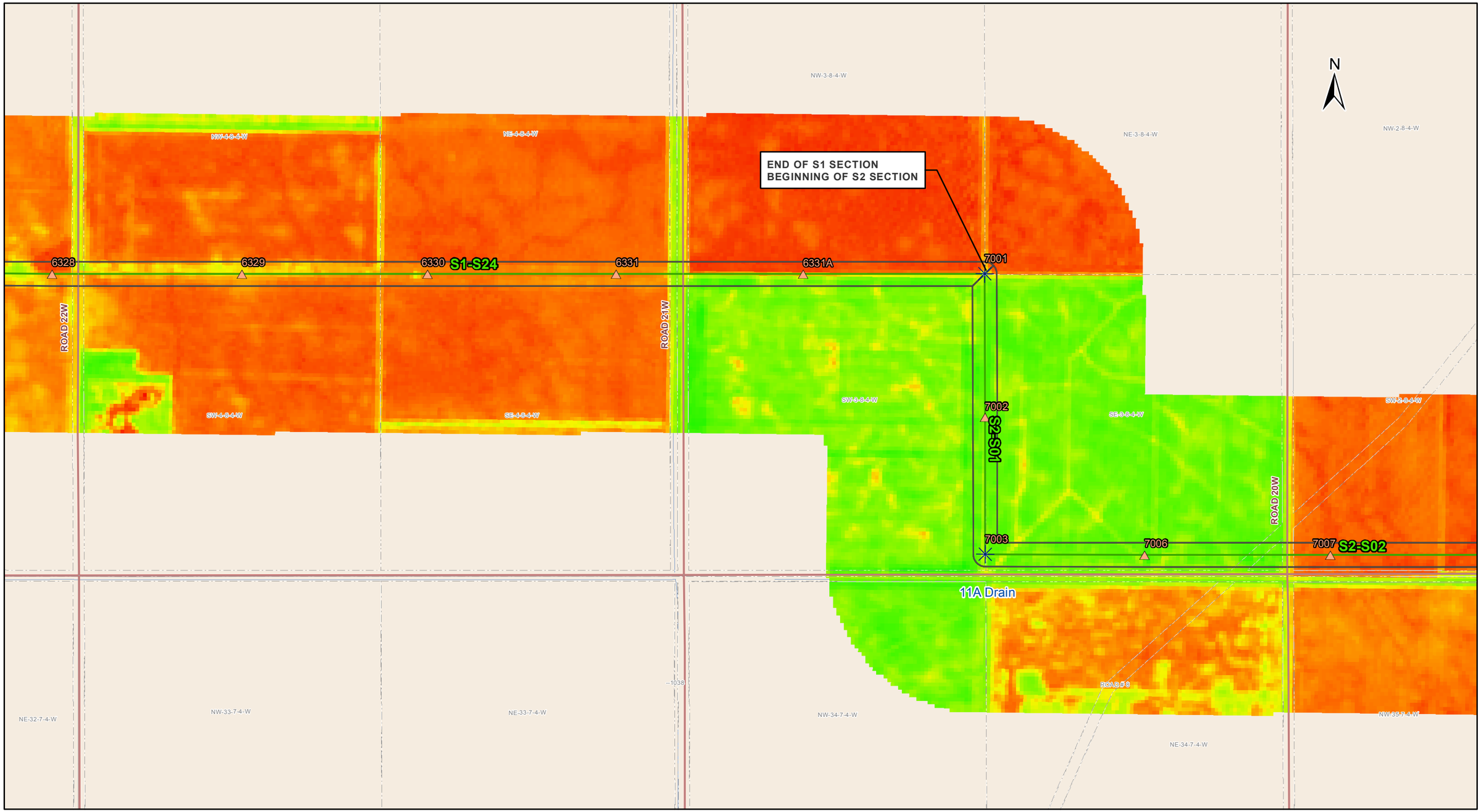
Landbase
- Highway
- Major Road
- Local Road
- Land Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-36



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 4, 2016

0 125 250 500
Metres
1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Towers (Preliminary)

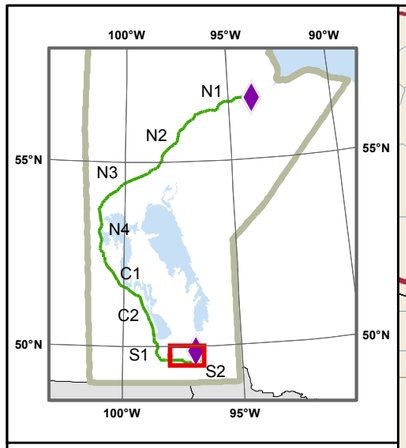
Landbase
- Major Road
- Local Road
- Land Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S1
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-400-37



Bipole III Transmission Project

St. Eustache
St. François Xavier
Elie
Dacotah
Headingley
BEAUDRY PROVINCIAL PARK
CITY OF WINNIPEG
Birds Hill
Hazelridge
Oakbank
Transcona
Anola
Dugald
Springstein
Oak Bluff
Starbuck
Grande Pointe
Floodway
Red River
Seine River
Lorette
Dufresne
Ile des Chênes
Fannystelle
Culross
Elm Creek
Sanford
La Salle River
La Salle
St. Adolphe
Linden
Landmark
Ste. Anne
STE. A
Greenland
Blumenort
Niverville
NIVERVILLE
New Bothwell
Domain
Ste. Agathe
Brunkild
Osborne
Randolph
Mitchell
Steinbach
STEINBAC
Kleefeld
Rat River
Otterburne
Homewood
Sperling
Carman
Boyne River
ASSINIBOINE River
RIVER
RED RIVER

306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, Stantec, ProvMB, NRCAN
Date Created: November 15, 2016

0 5 10 Kilometres
0 5 10 Miles
1:250,000

N

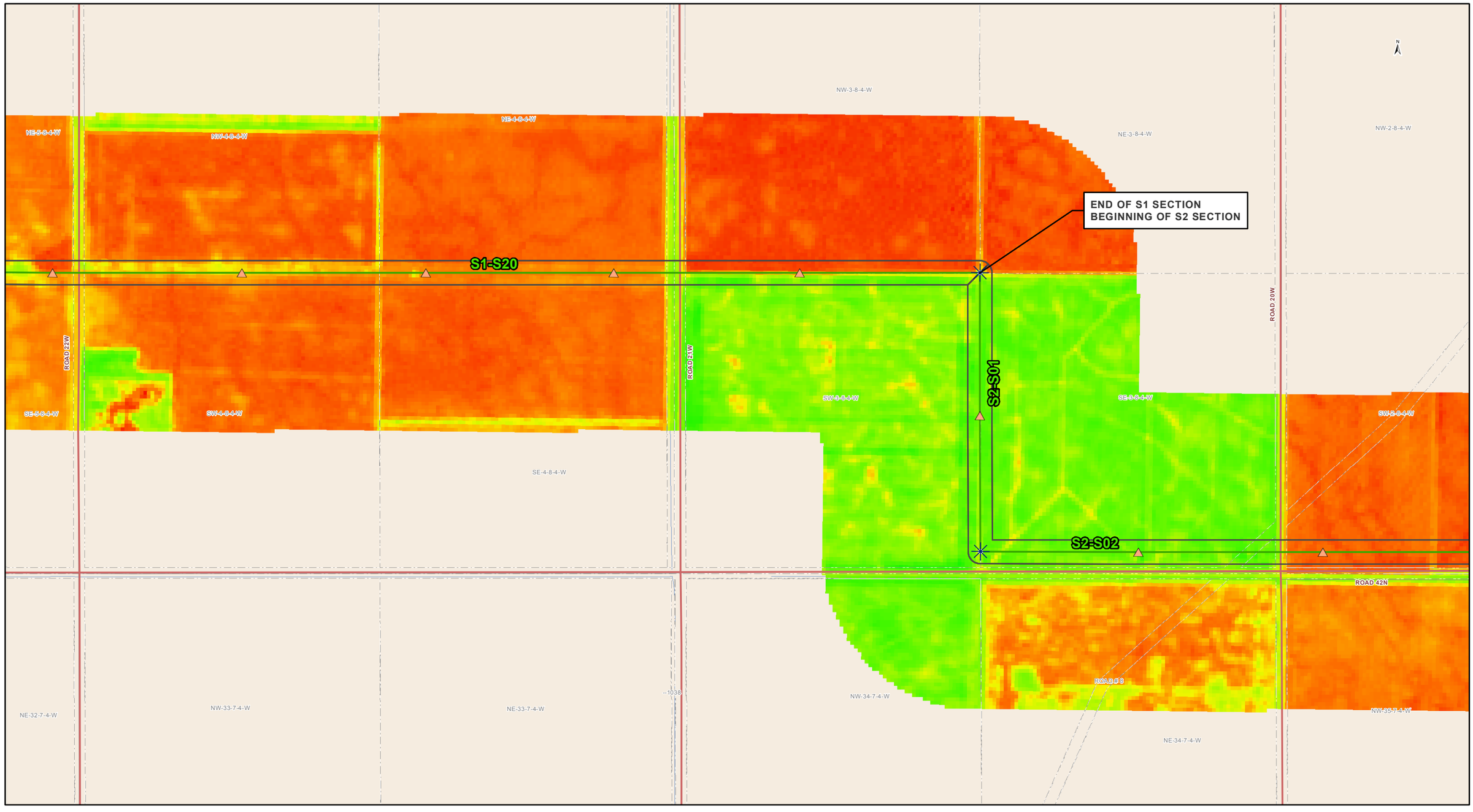
Legend

- Final Preferred Route
- S2
- Map Index Grid (1:10,000)
- Proposed Converter Station
- Transmission Line
- First Nation
- National/Provincial Park

Bipole III Transmission Project
Normalized Difference Vegetation Index (NDVI)
Section S2 - Key Map Index

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Map 4-500



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

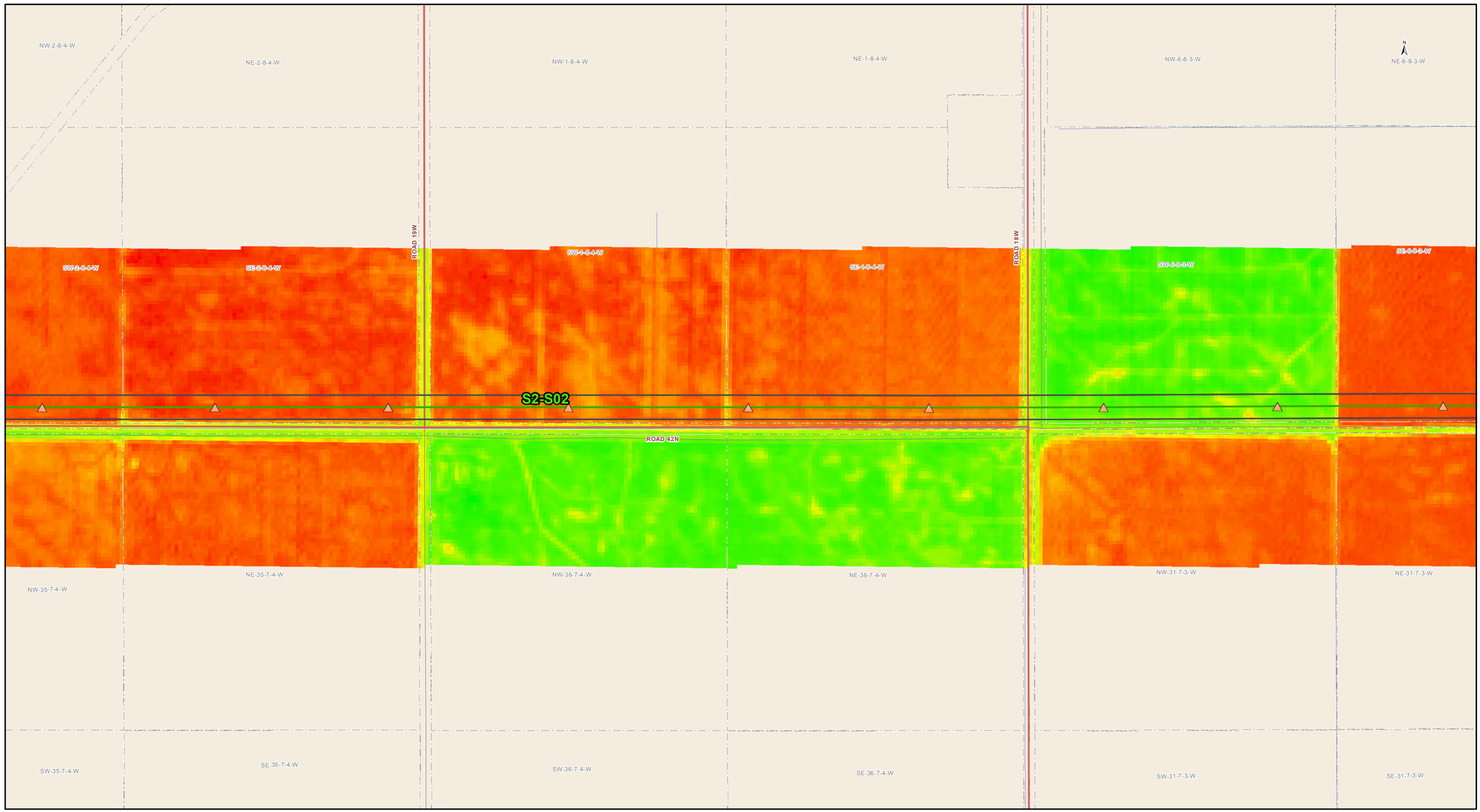
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-1



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

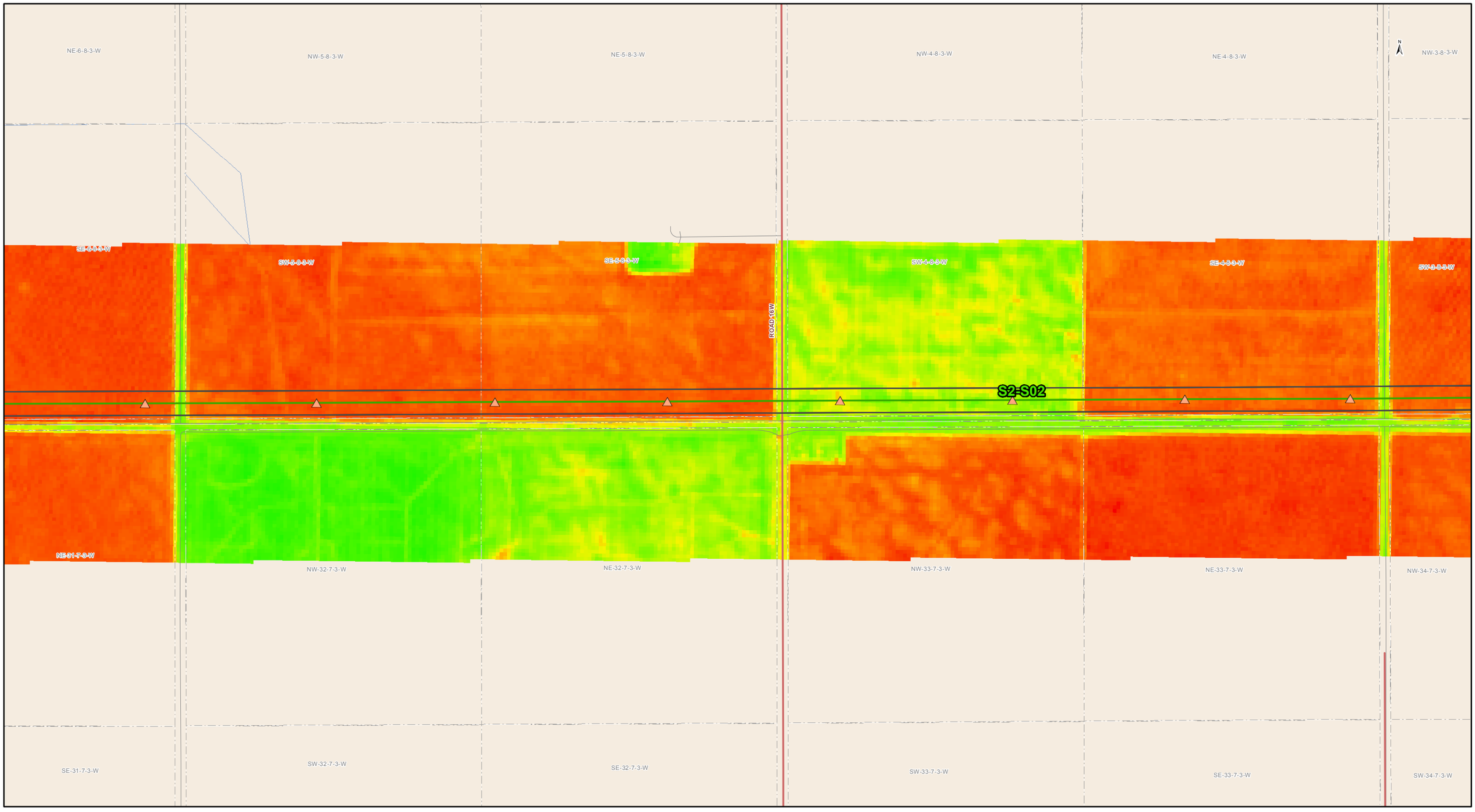
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-2



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

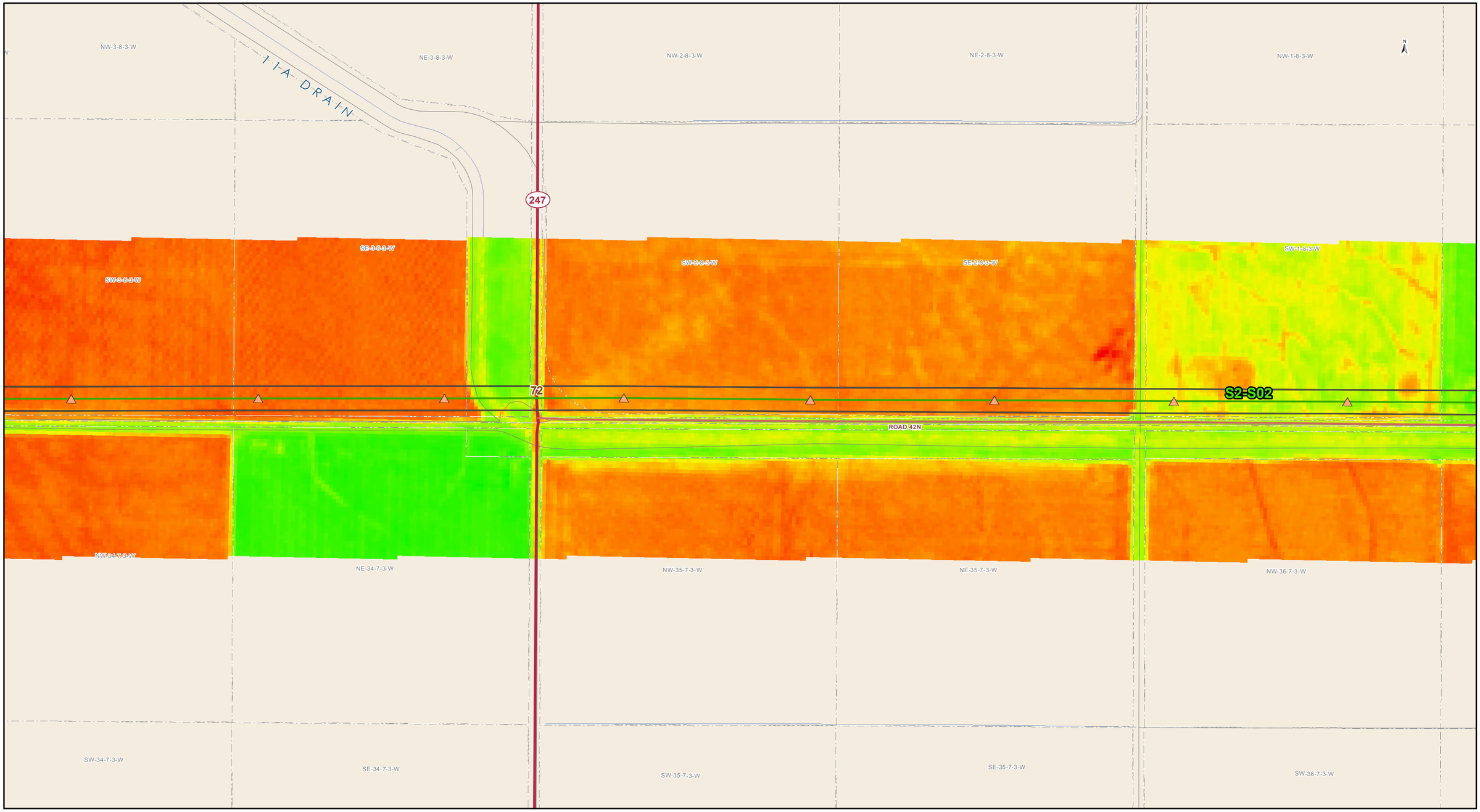
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-3



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

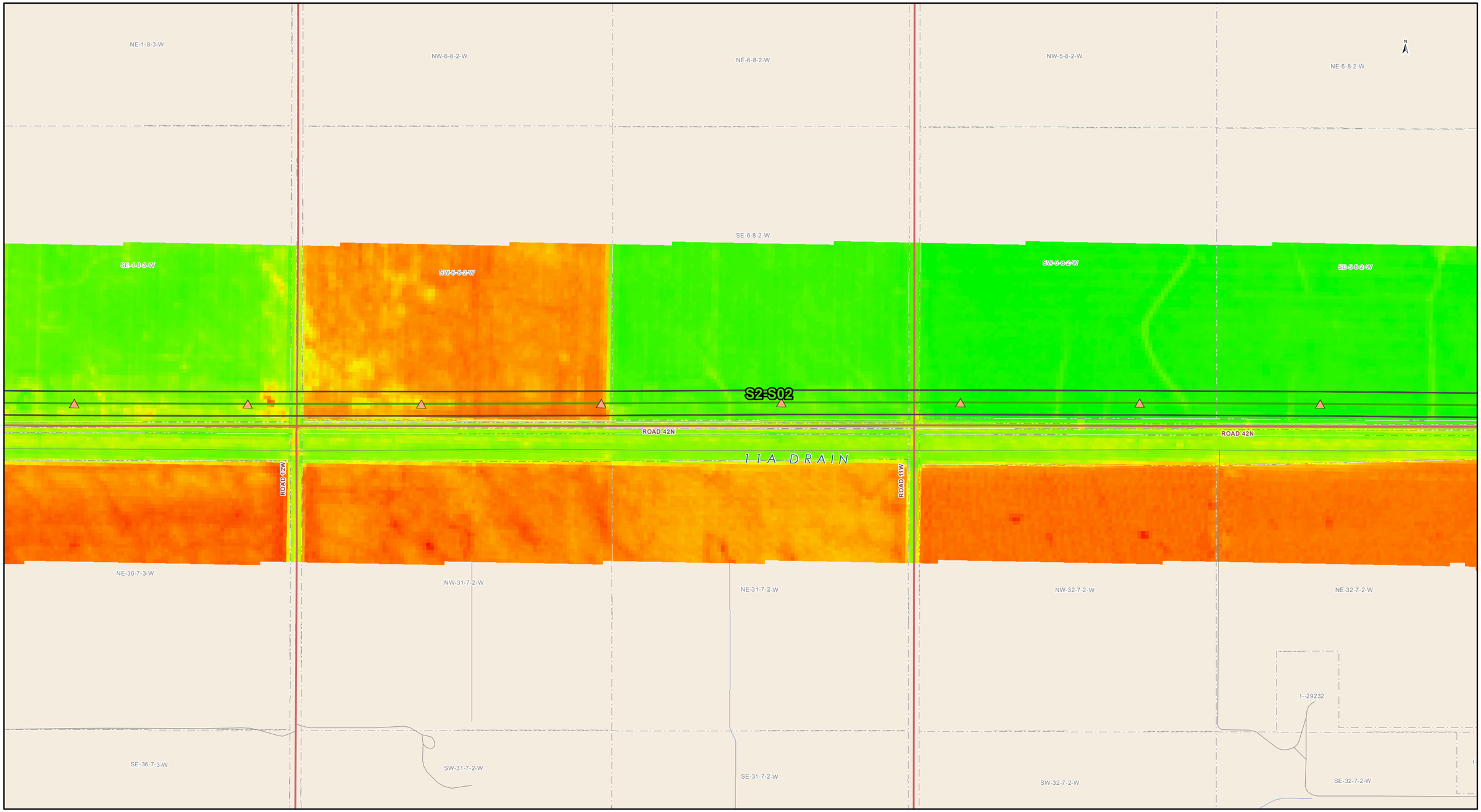
Landbase
- Highway
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-4



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

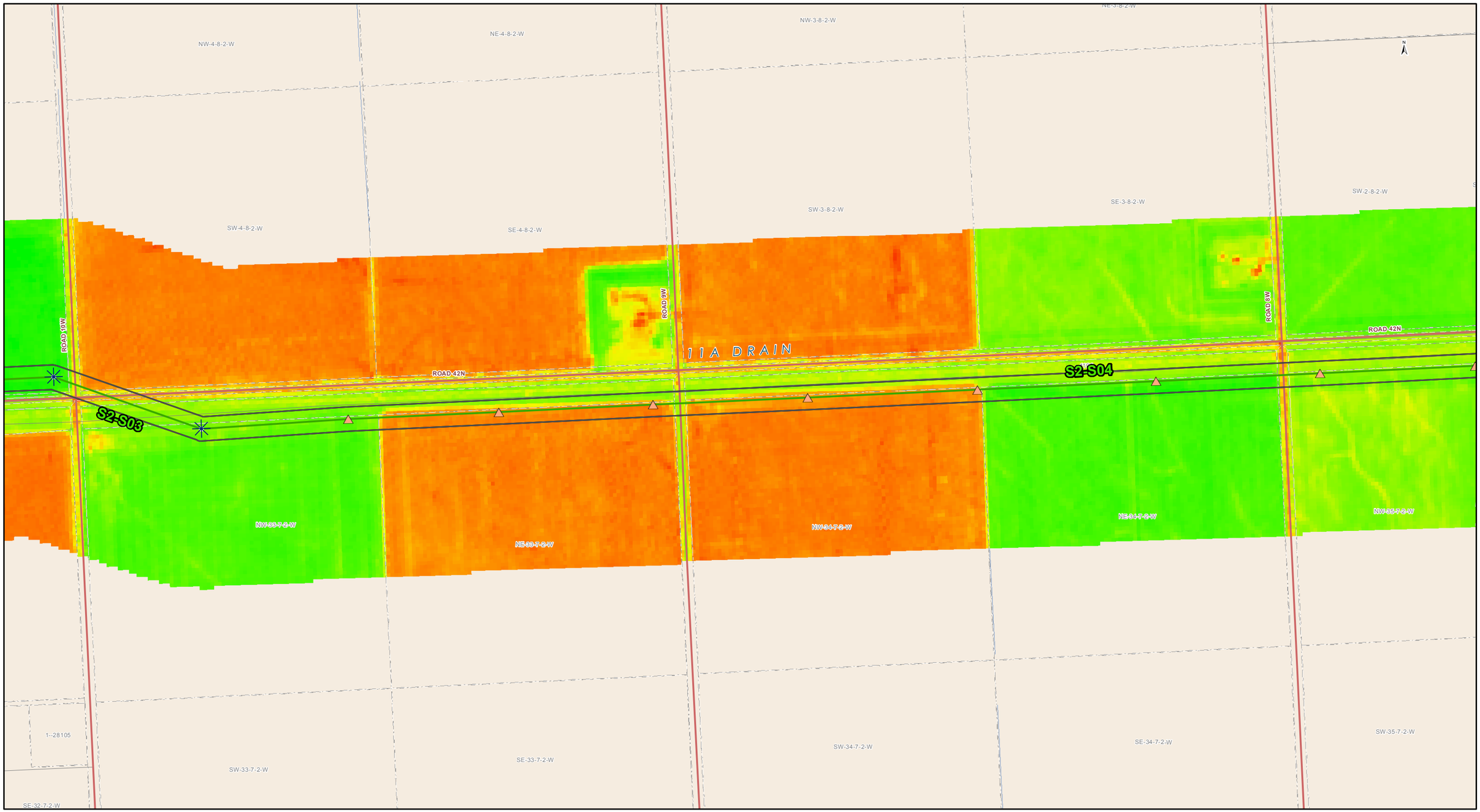
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-5



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

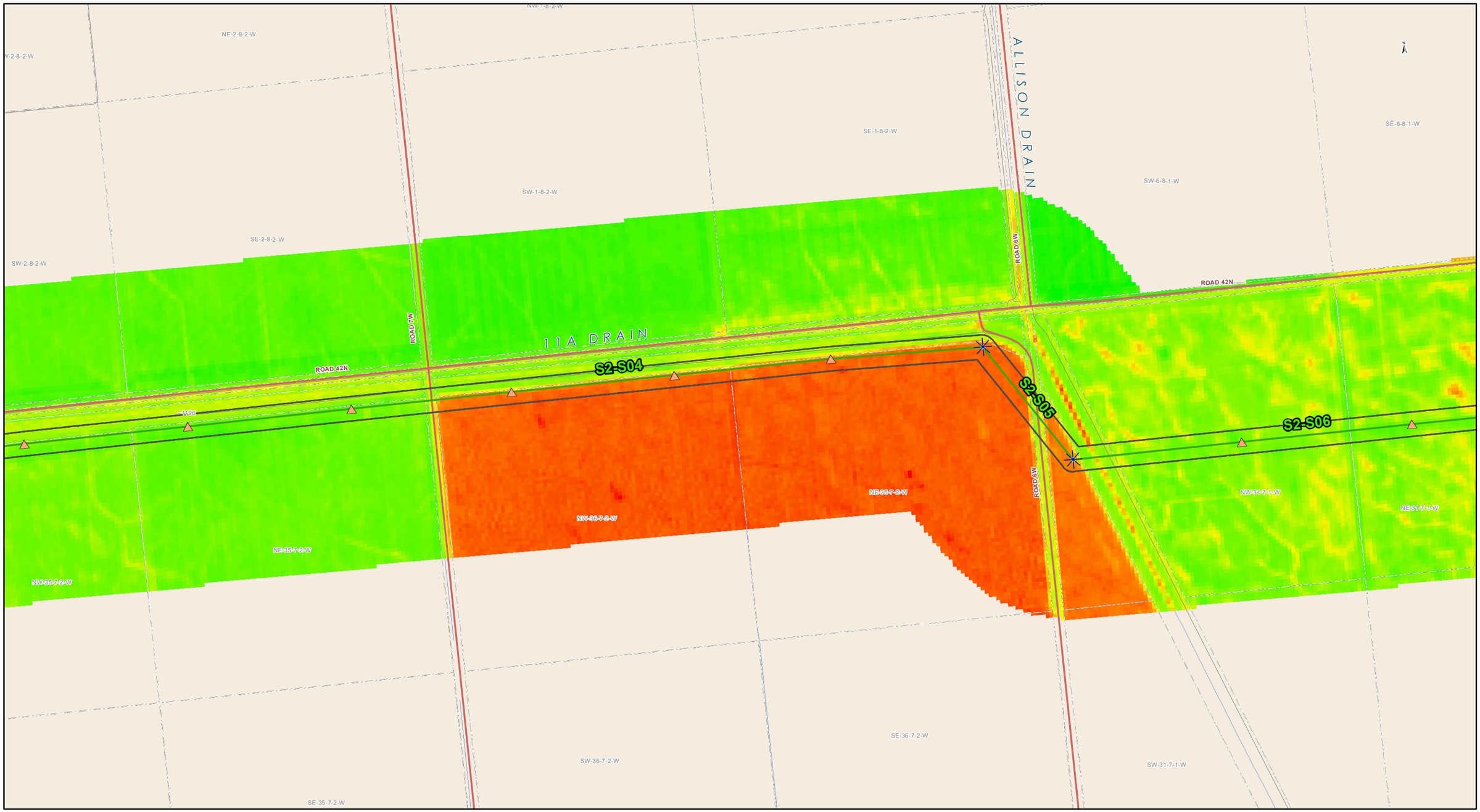
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-6



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

Landbase
- Major Road
- Parcel Fabric
- Watercourse

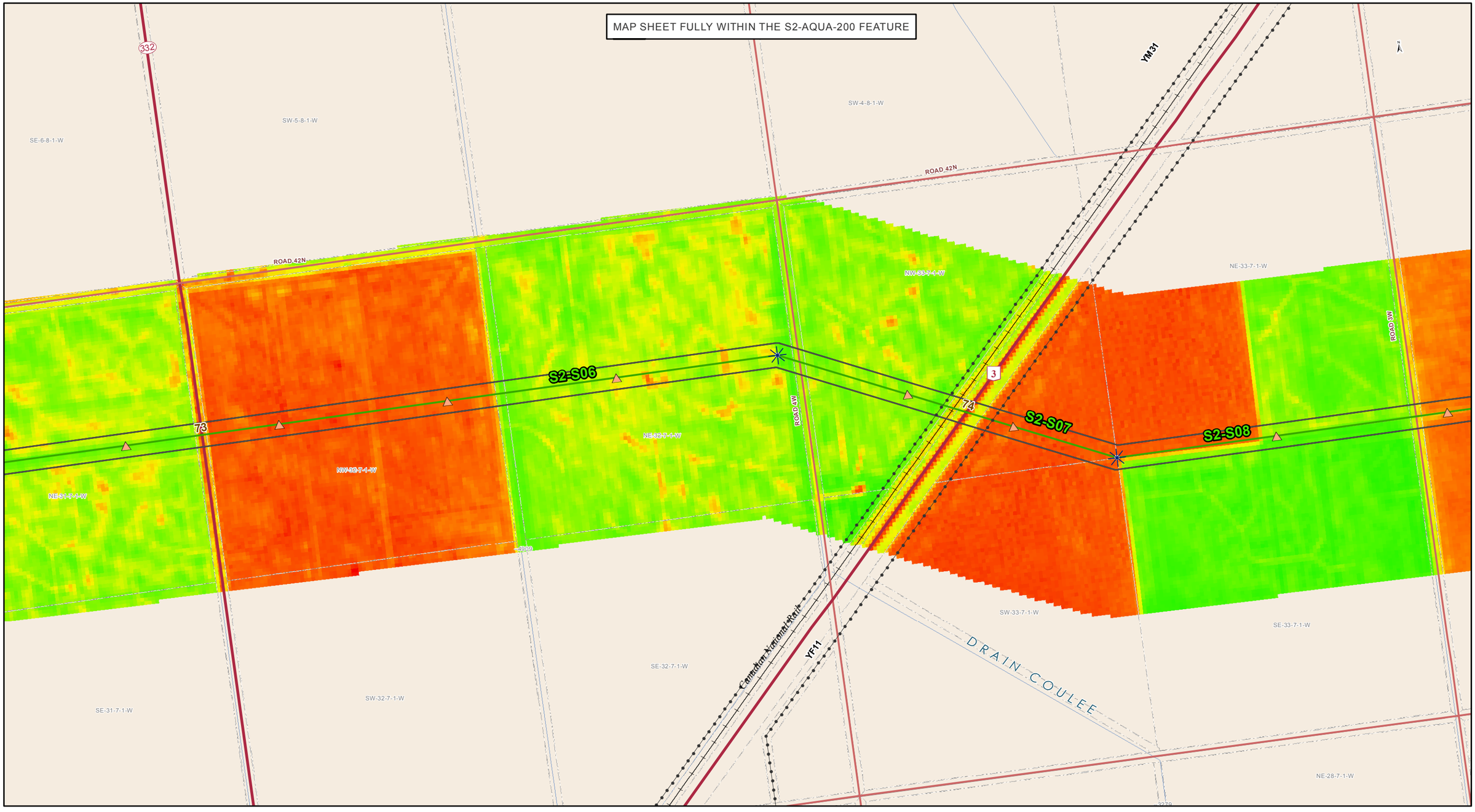
Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-7

MAP SHEET FULLY WITHIN THE S2-AQUA-200 FEATURE



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

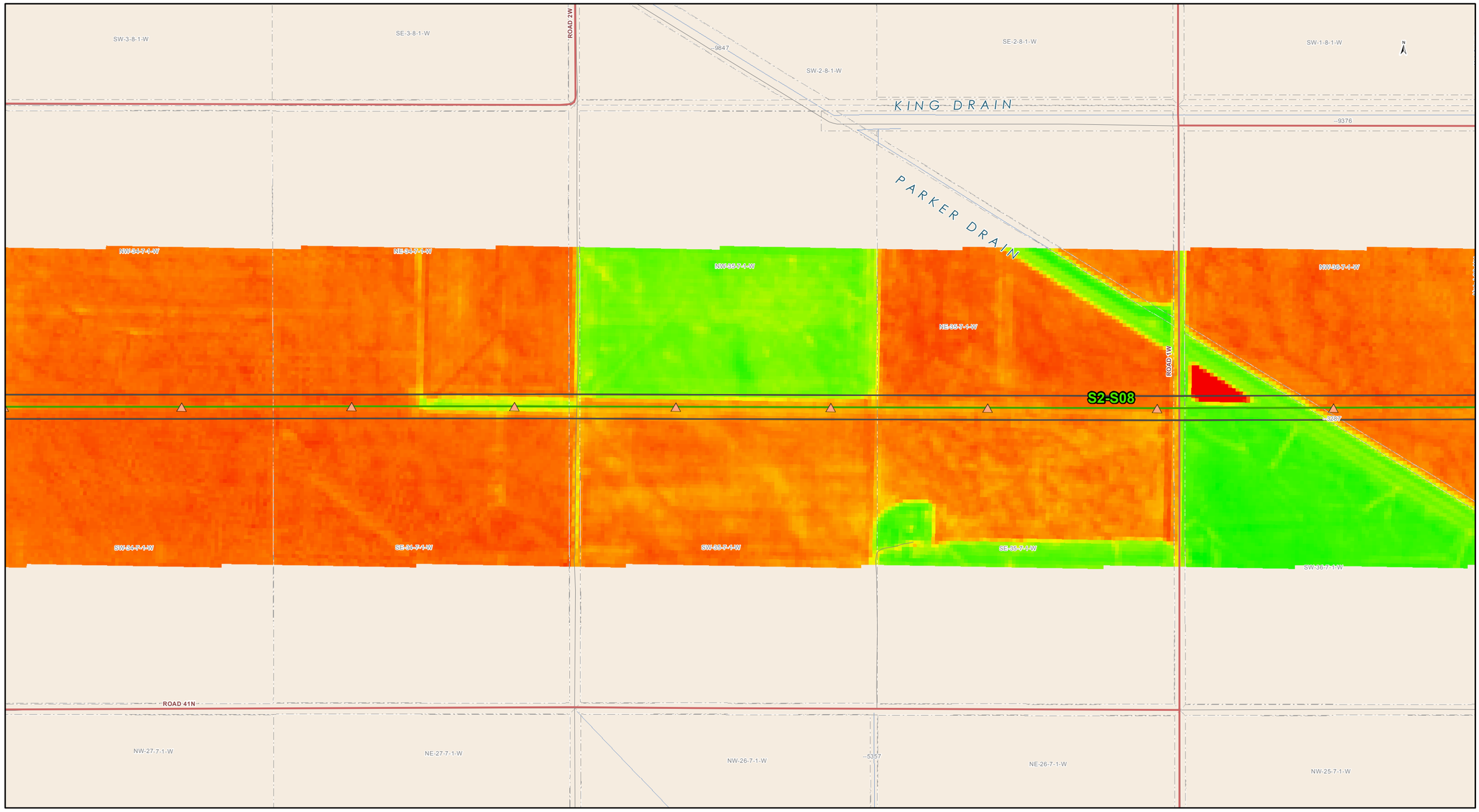
Landbase
- Highway
- Major Road
- Railway (Operational)
- Transmission Line
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-8



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

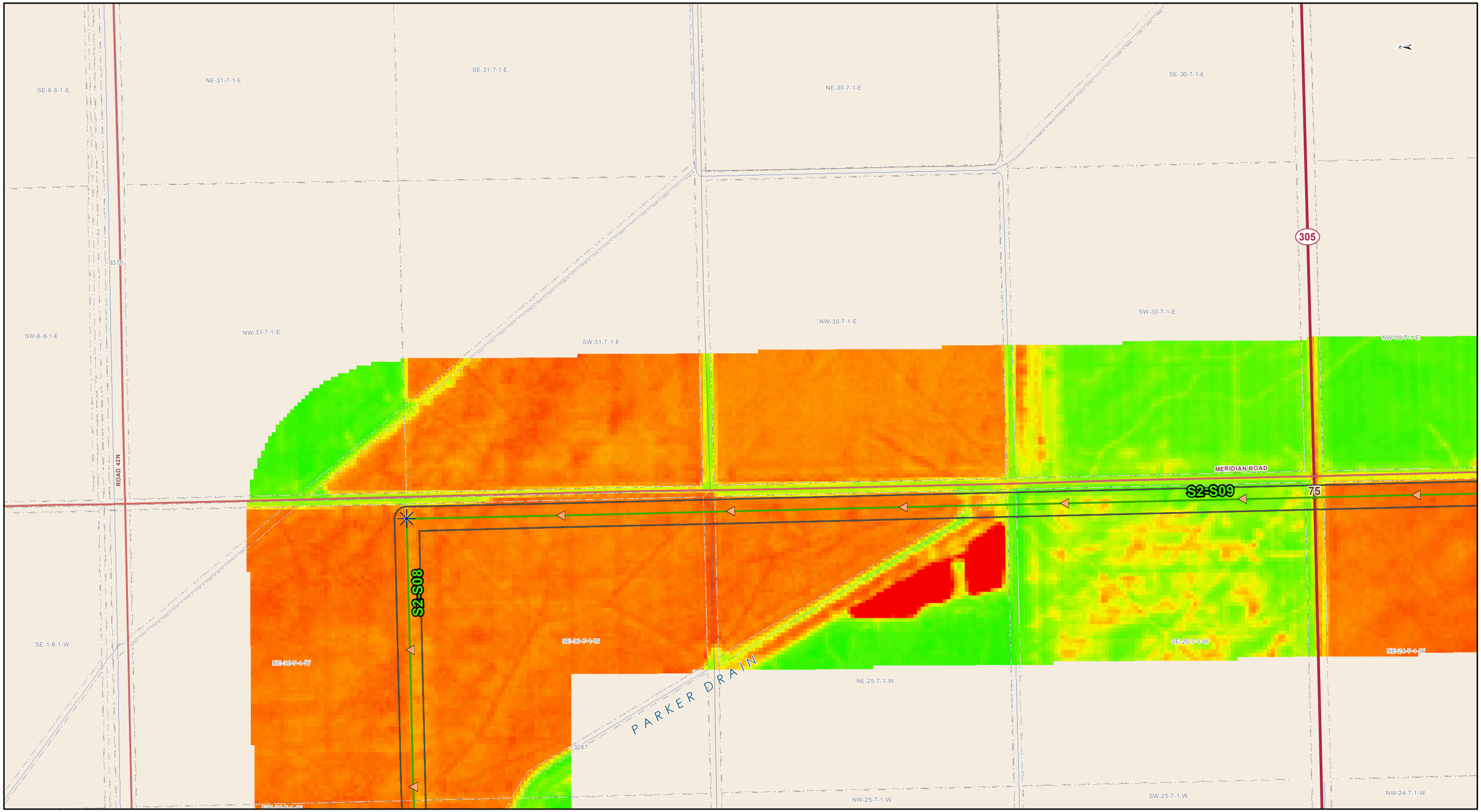
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-9



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

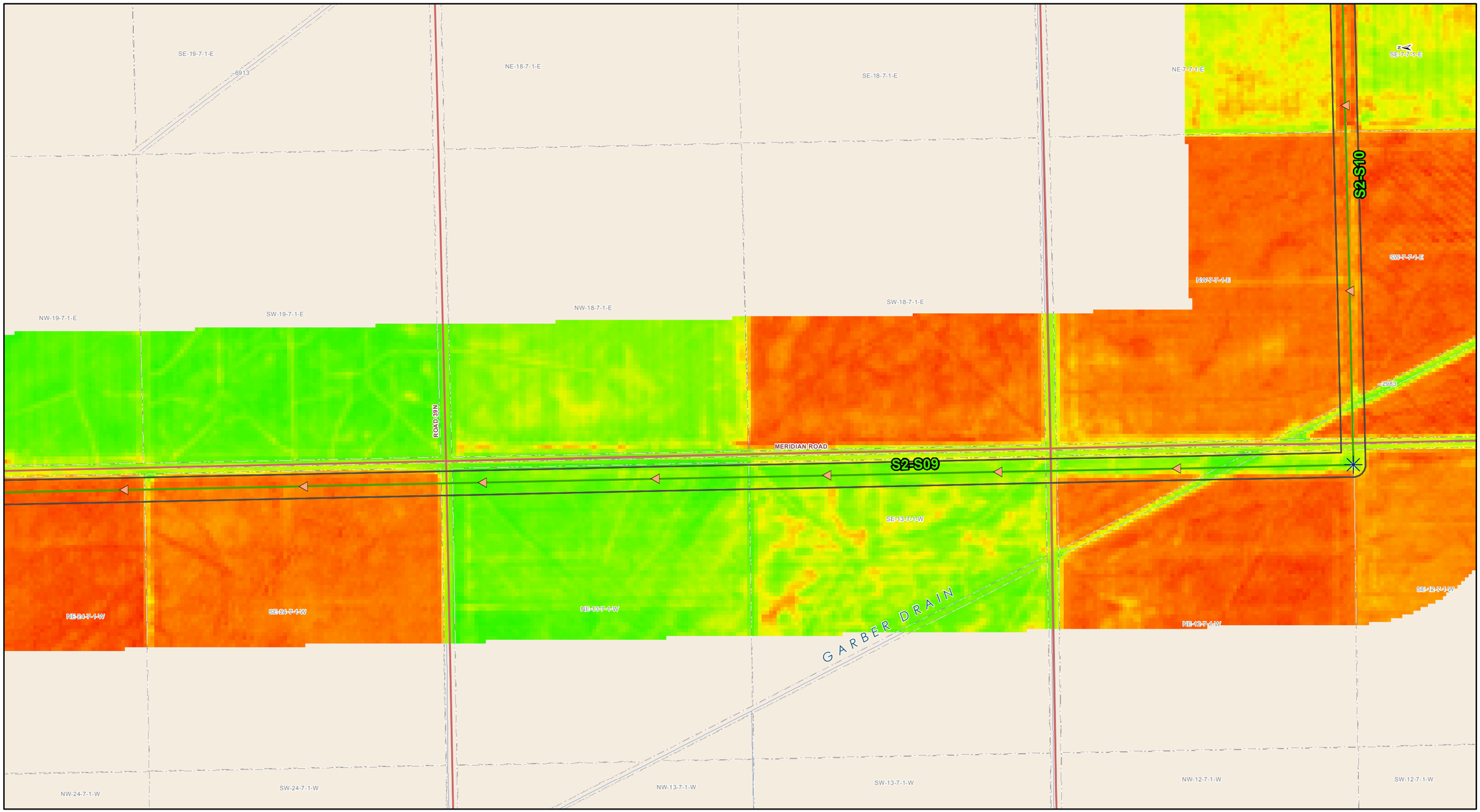
Landbase
- Highway
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-10



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

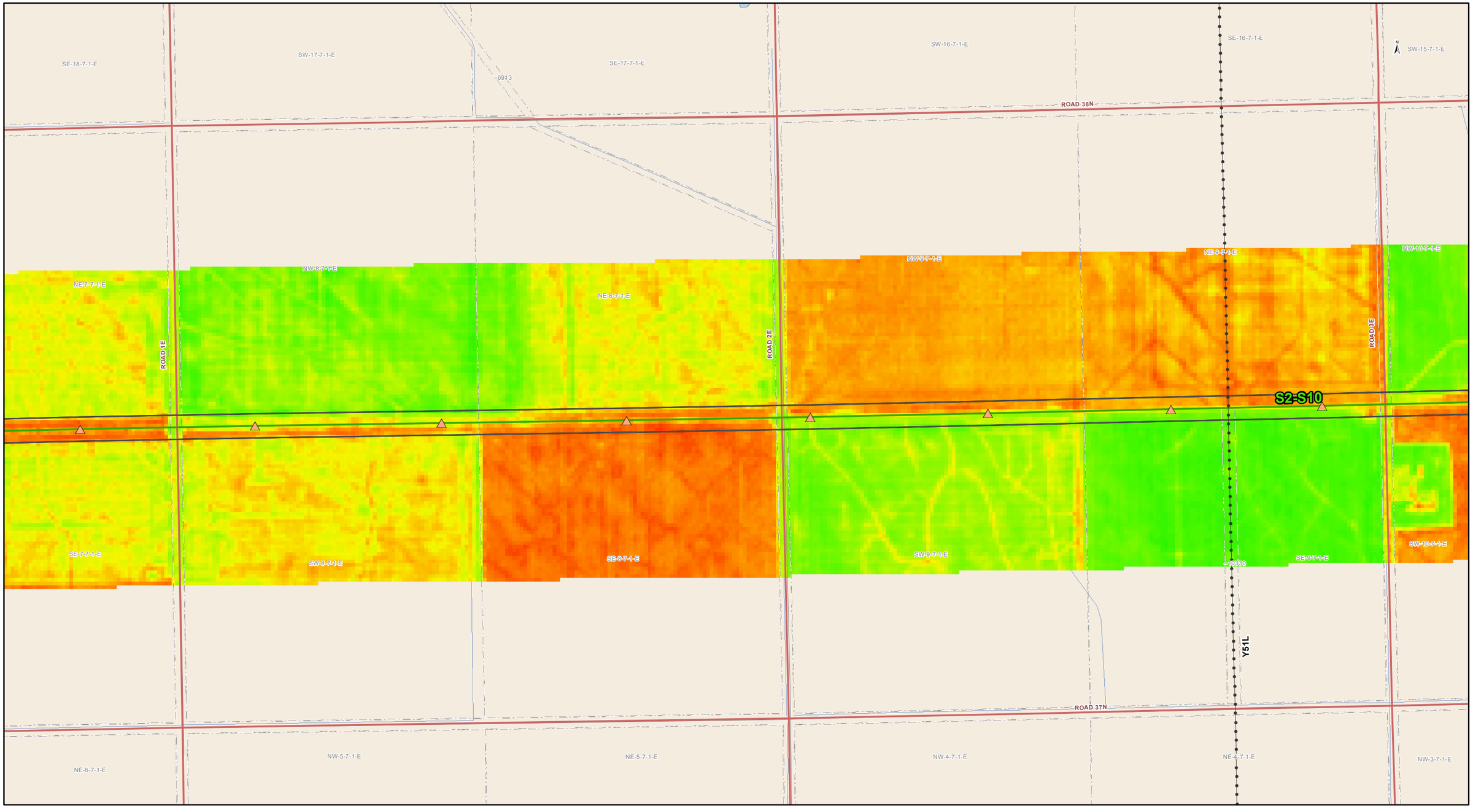
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-11



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

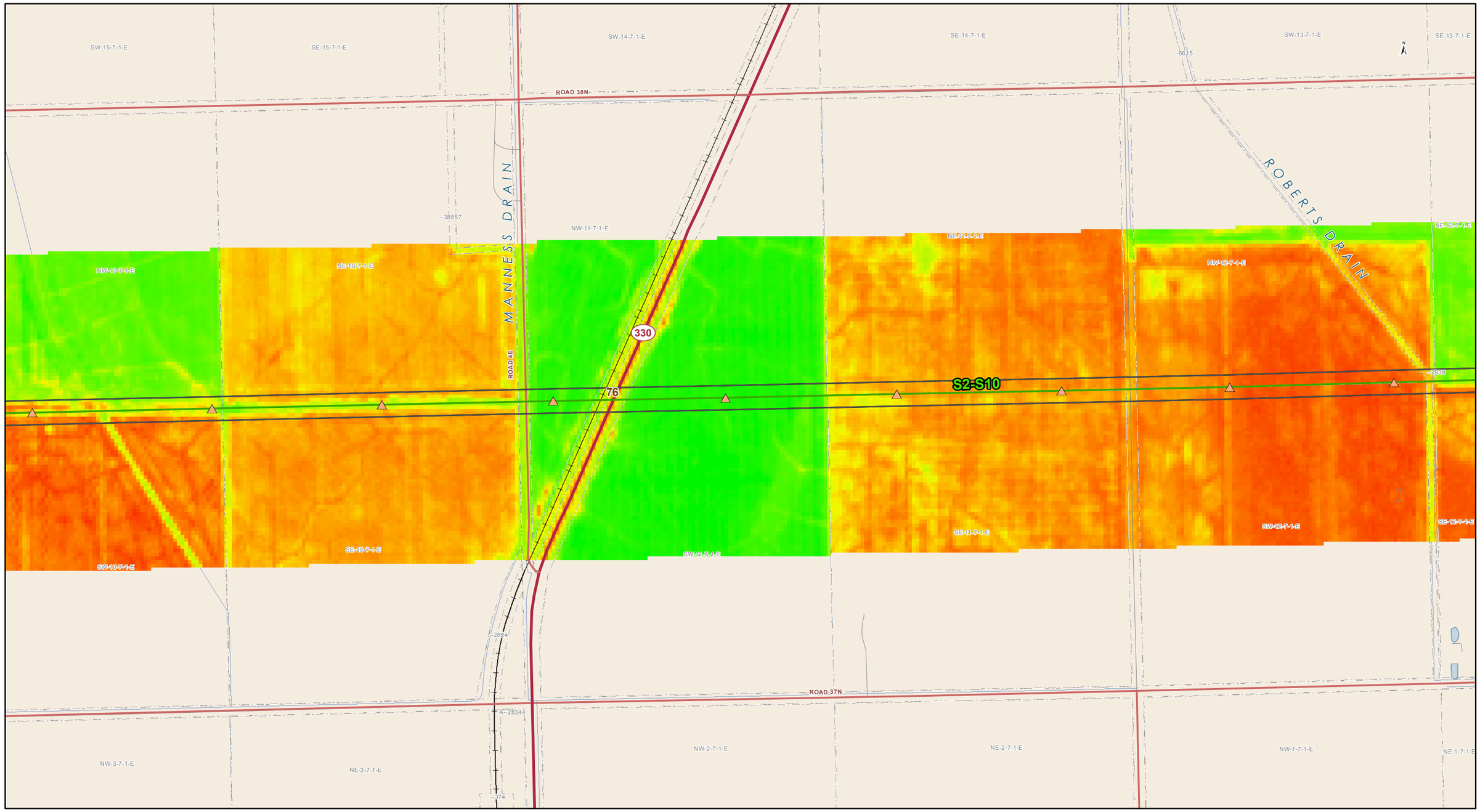
Landbase
- Major Road
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-12



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

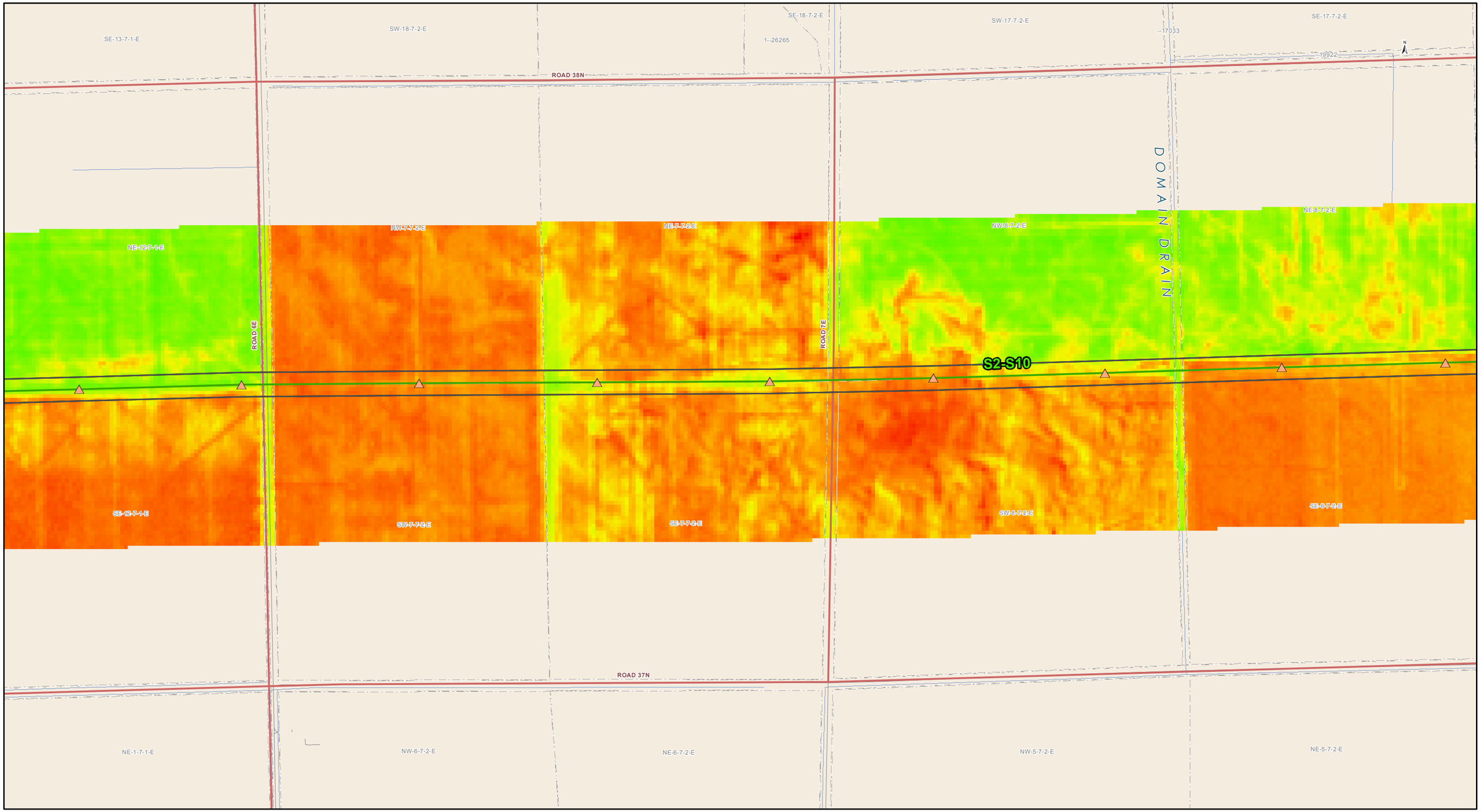
Landbase
- Highway
- Major Road
- Railway (Operational)
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-13



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

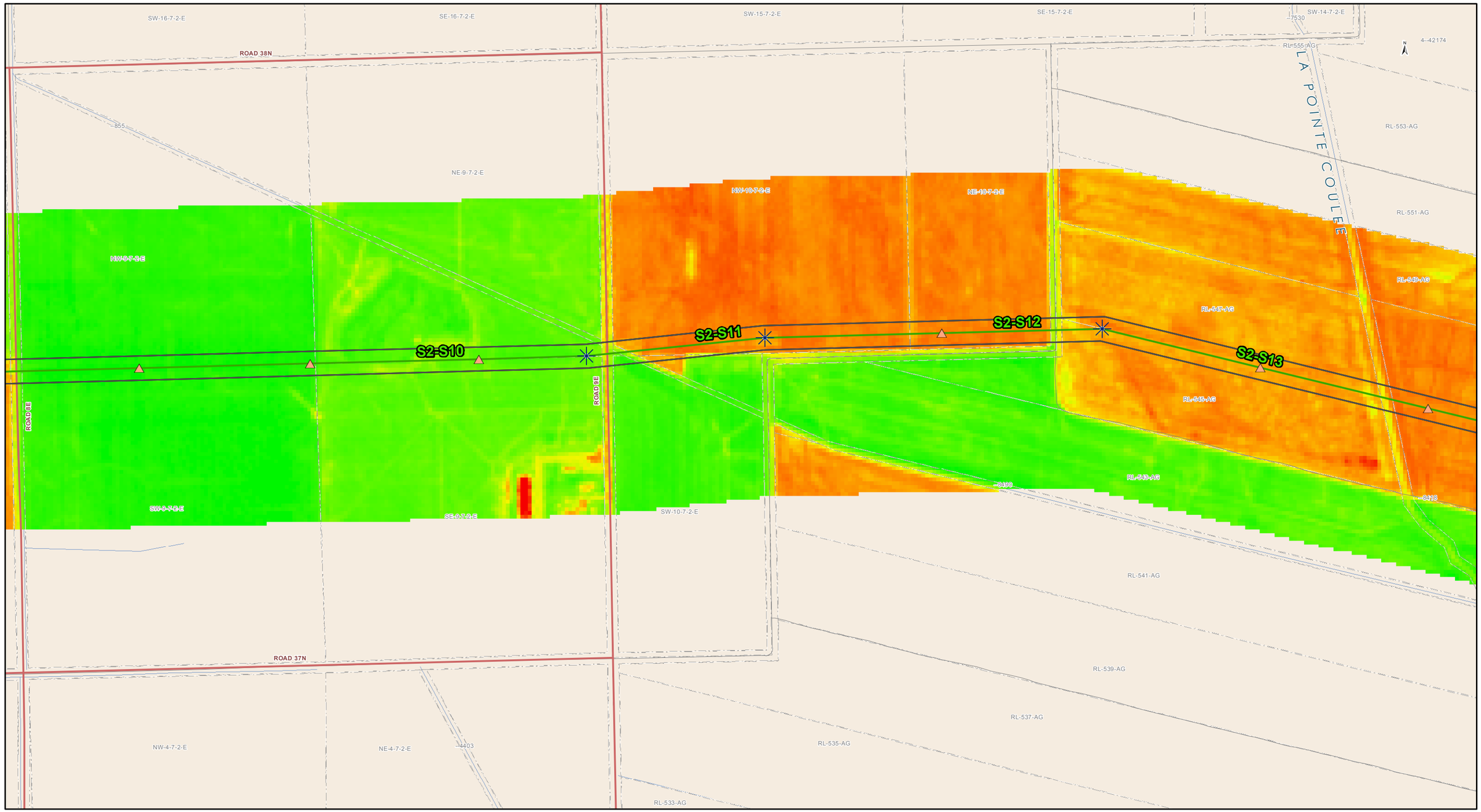
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-14



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-15



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

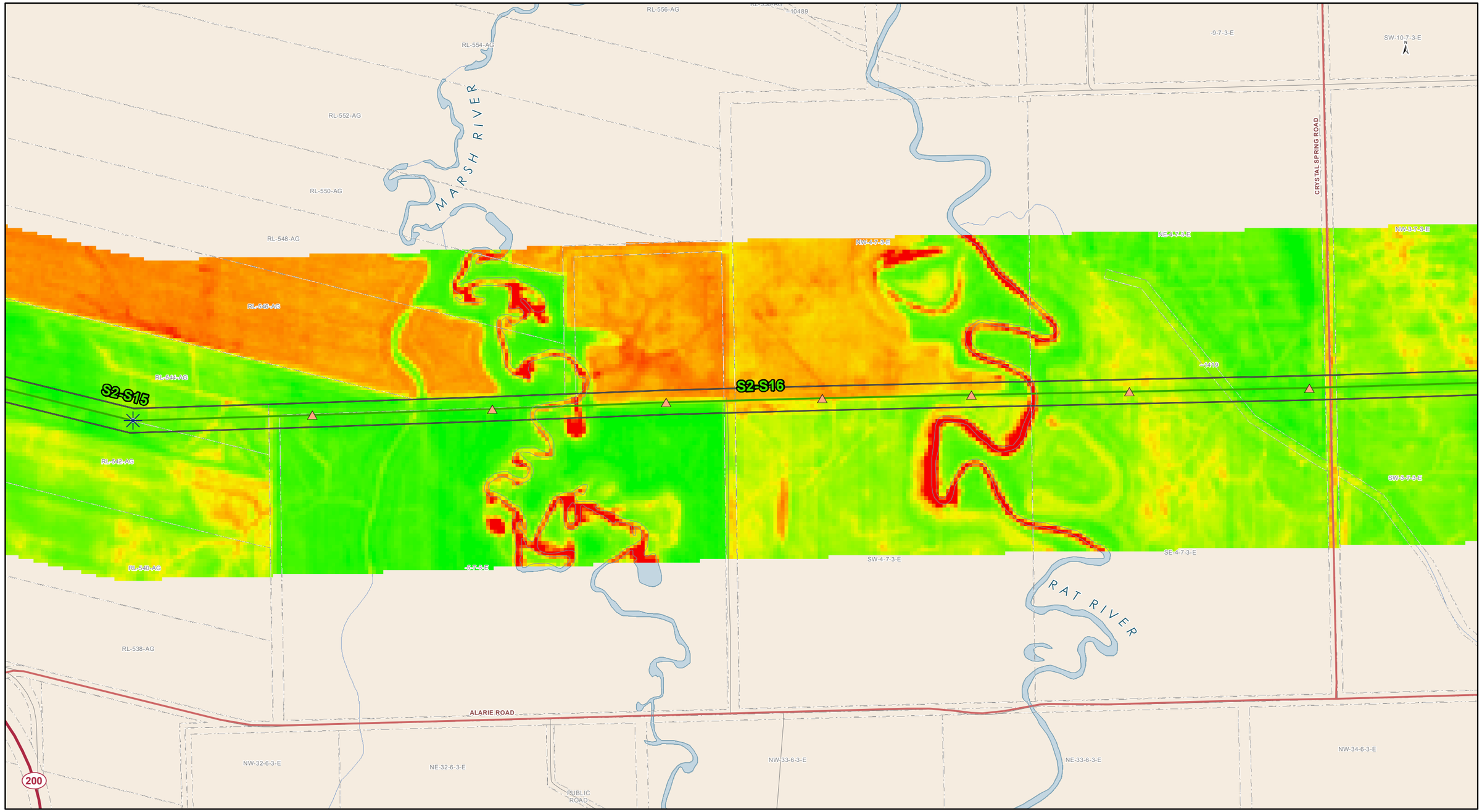
Landbase
- Highway
- Major Road
- Railway (Operational)
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-16



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

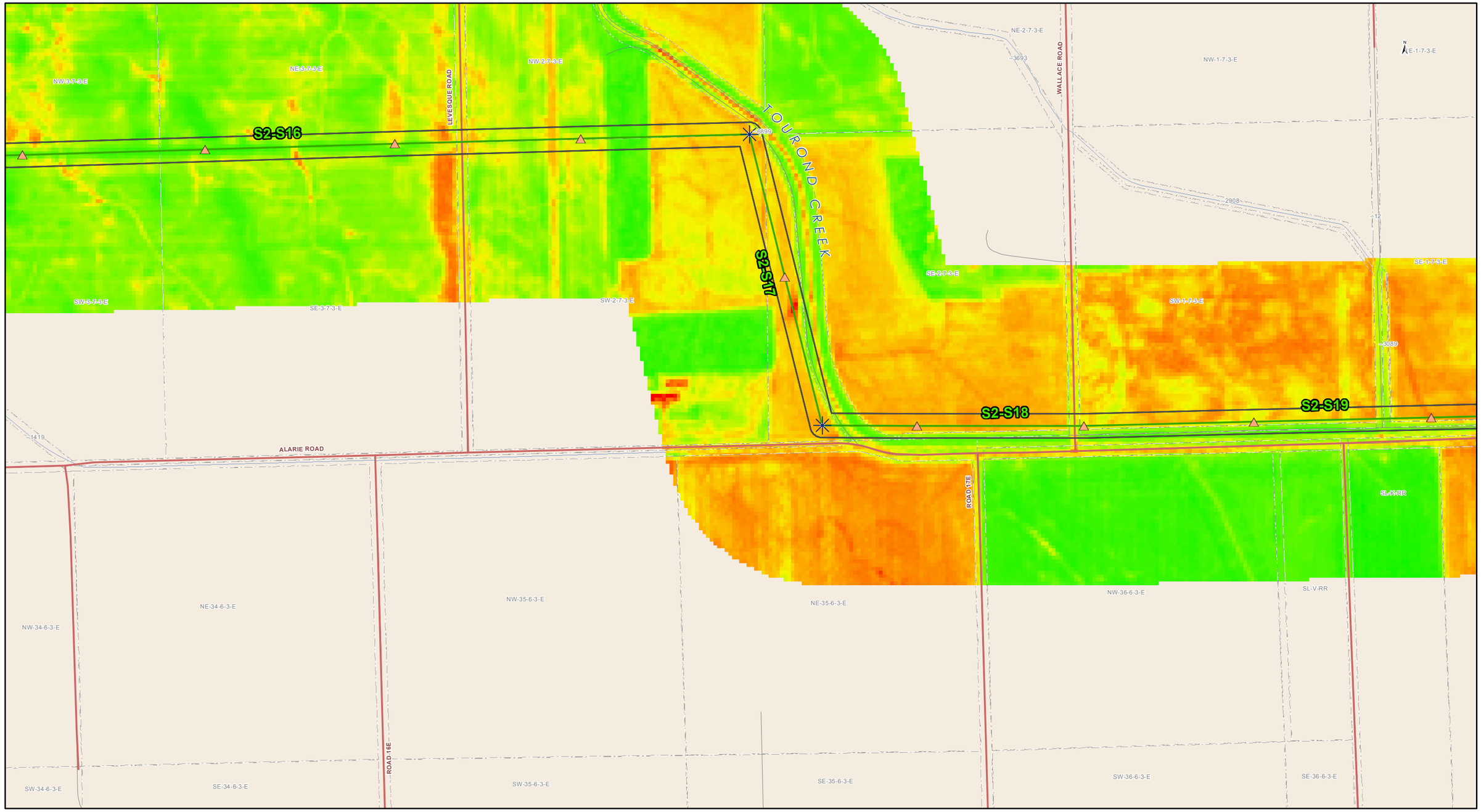
Landbase
- Highway
- Major Road
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-17



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

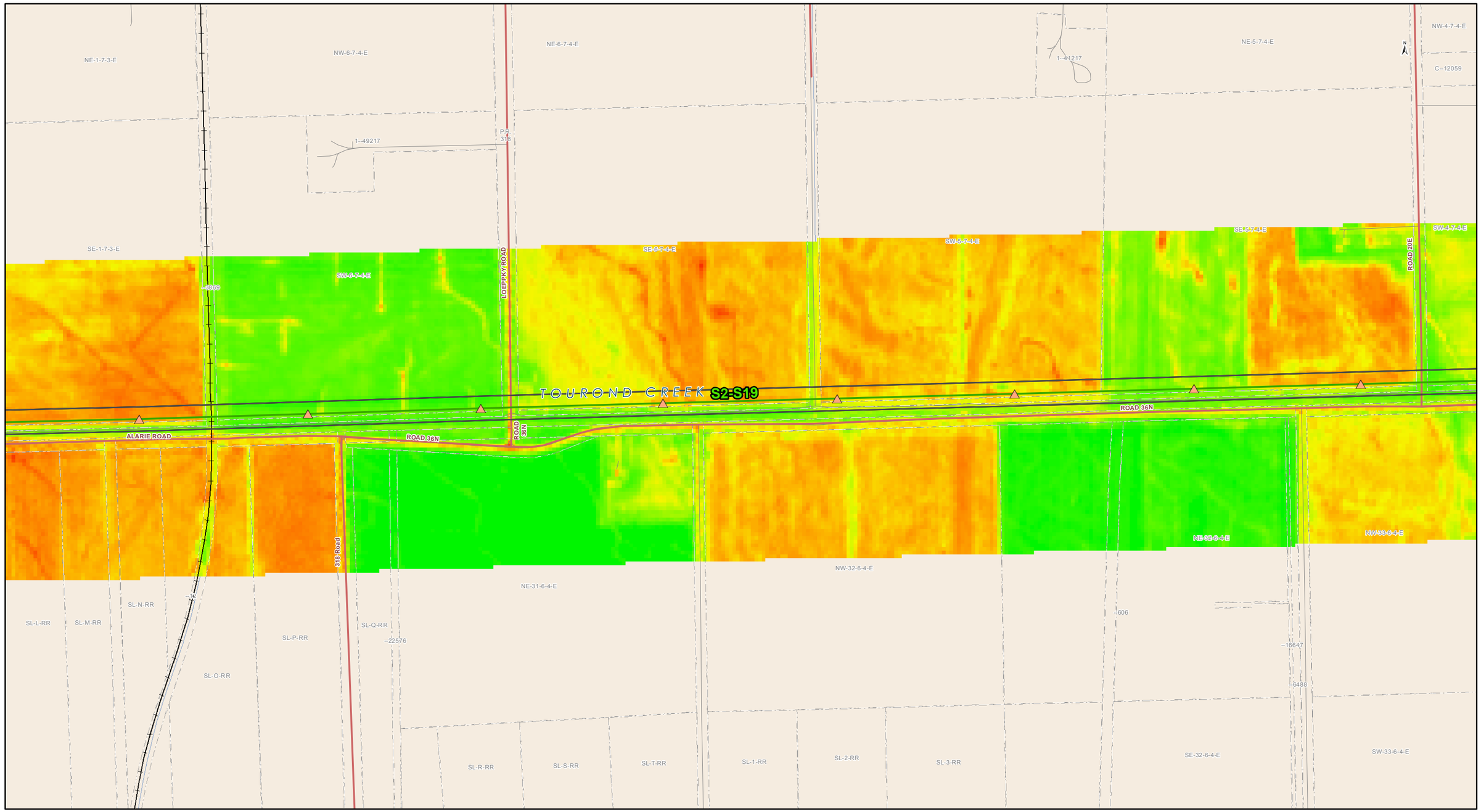
Landbase
- Major Road
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-18



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

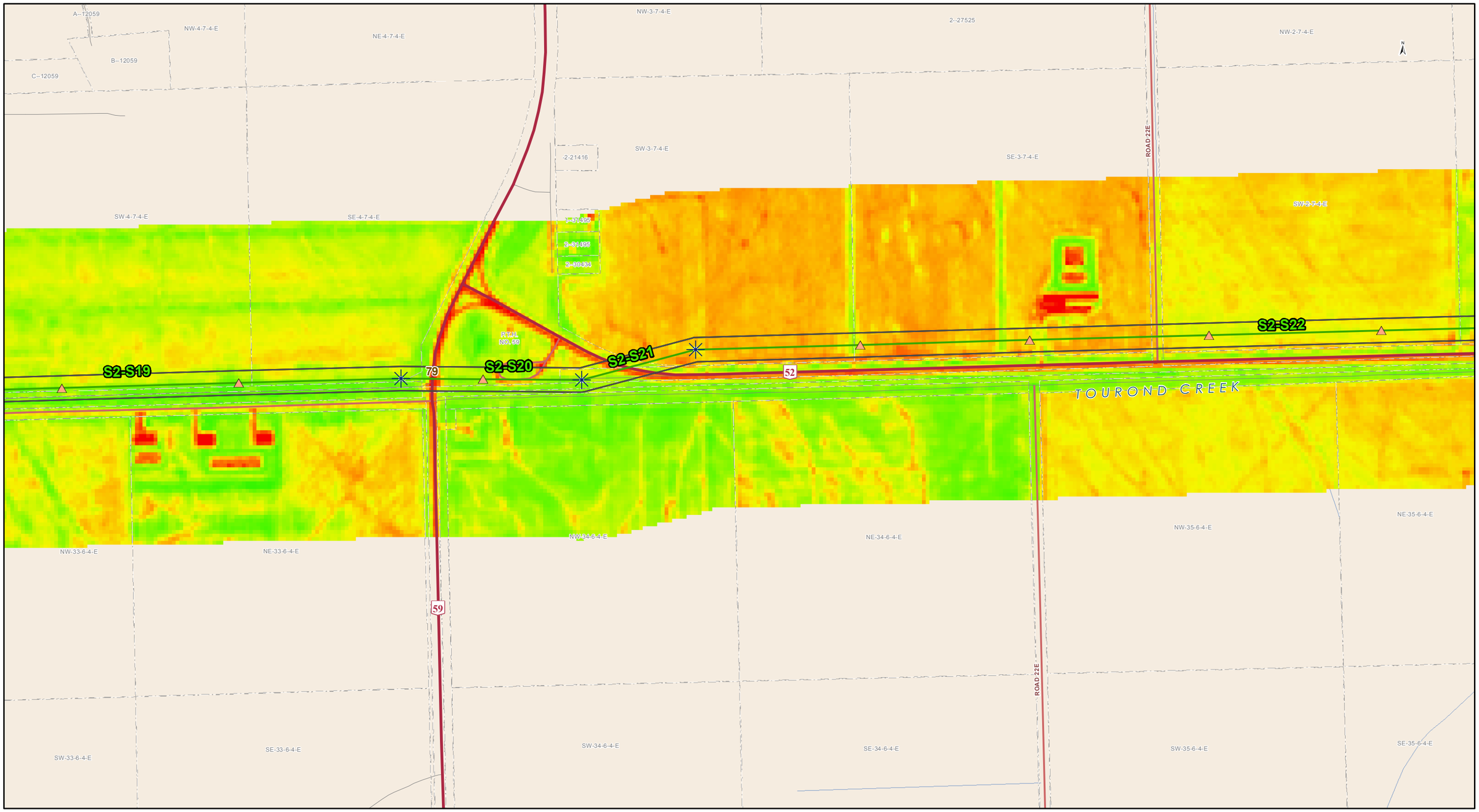
Landbase
- Major Road
- Railway (Operational)
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-19



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

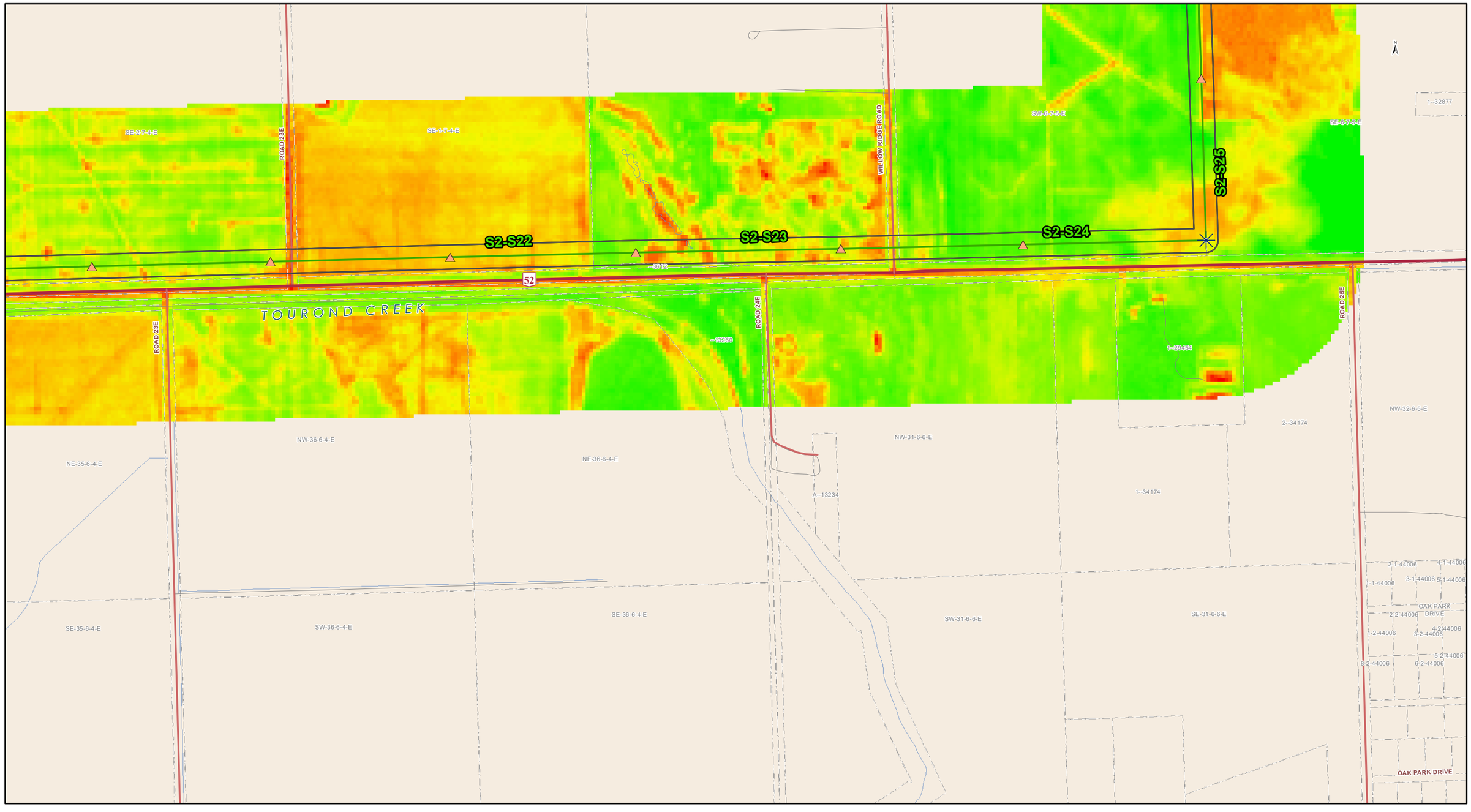
Landbase
- Highway
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-20



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

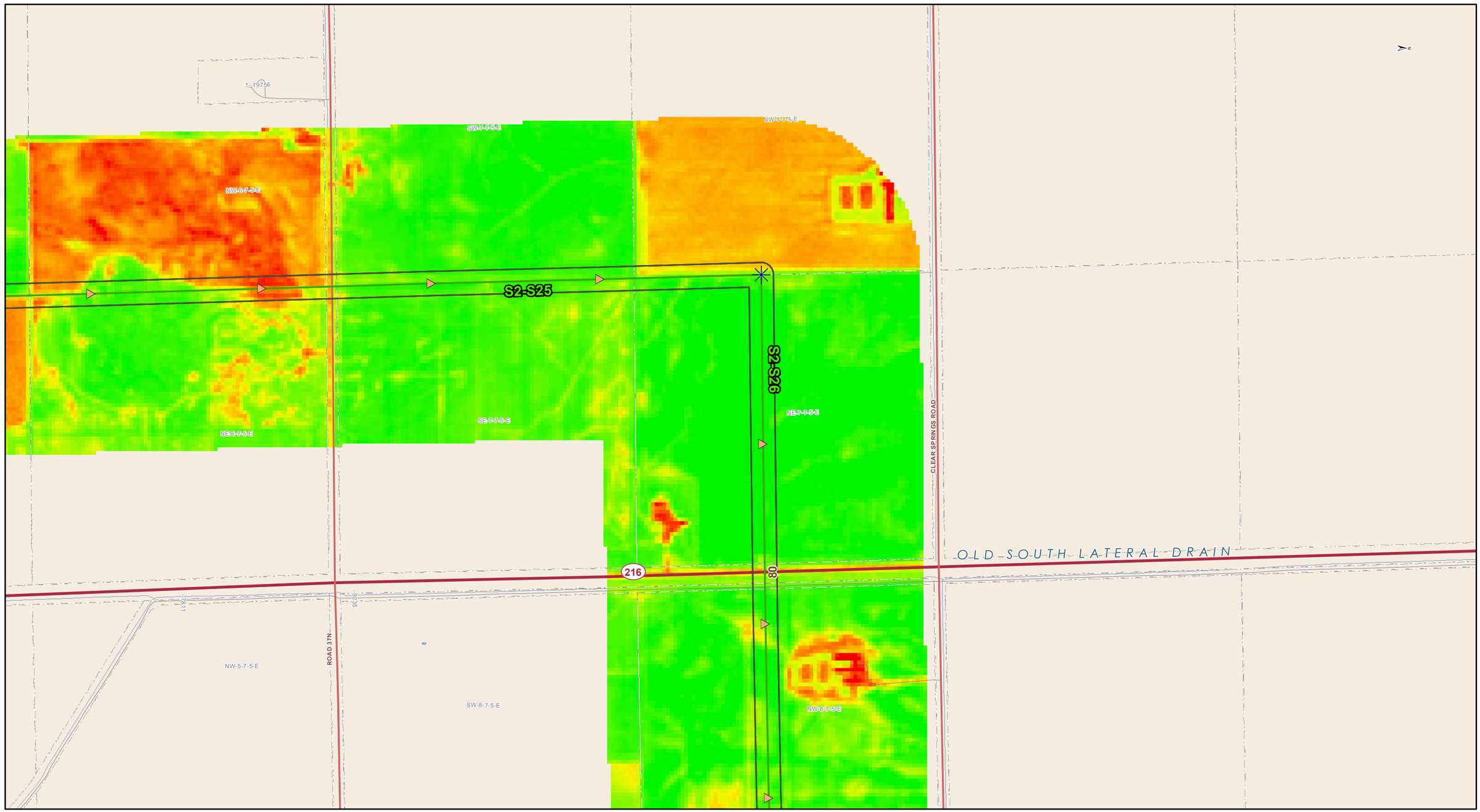
Landbase
- Highway
- Major Road
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-21



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

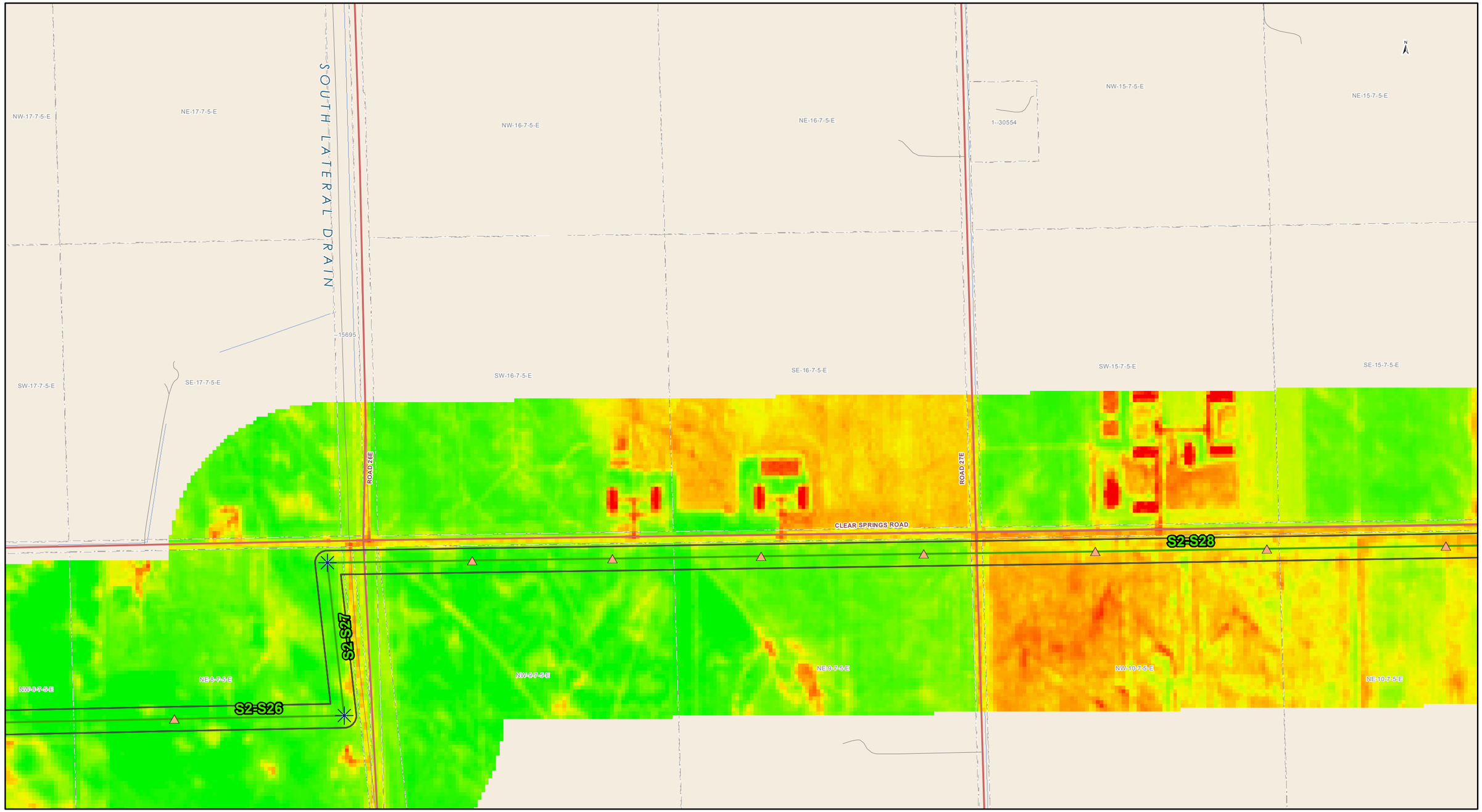
Landbase
- Highway
- Major Road
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-22



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

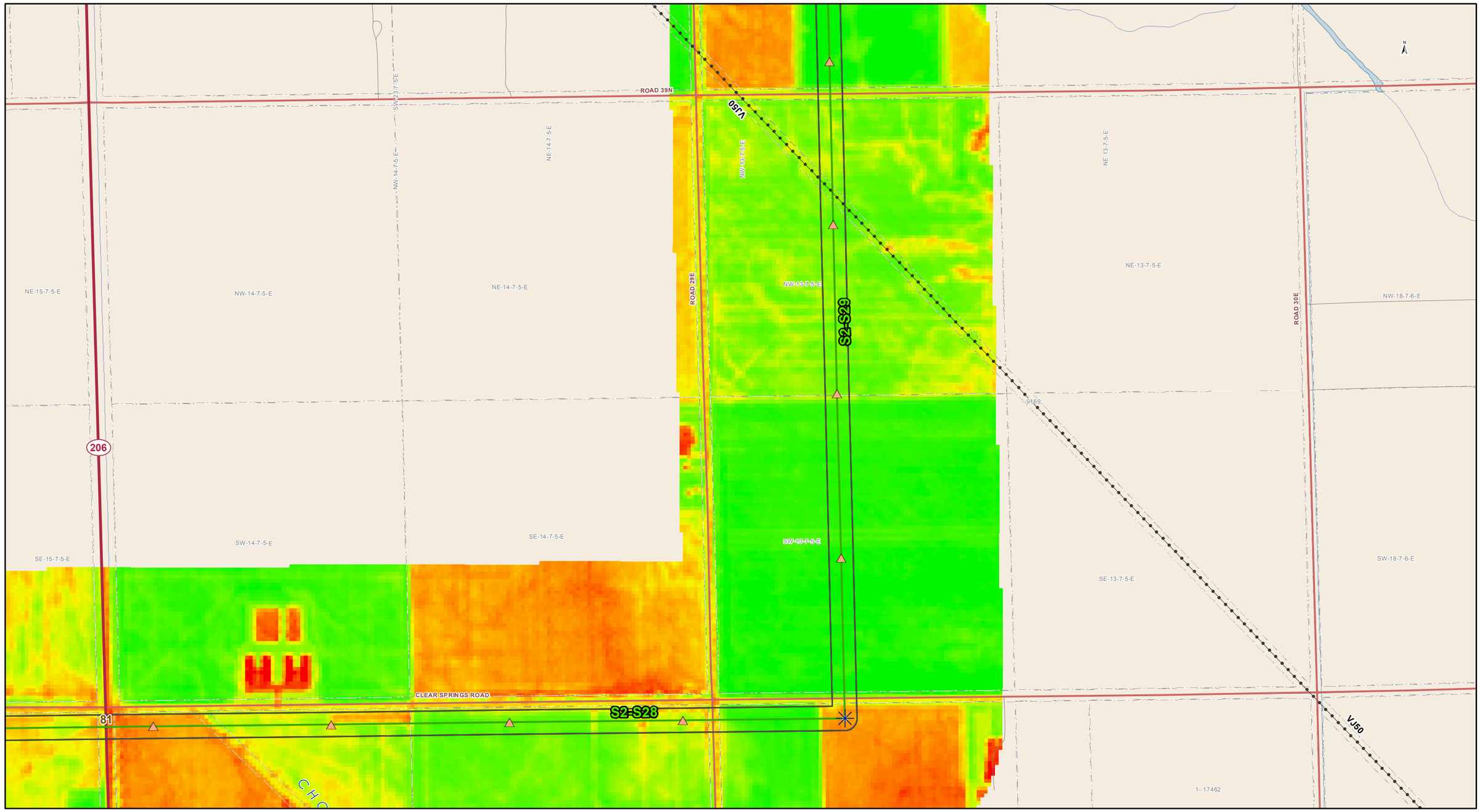
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-23



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

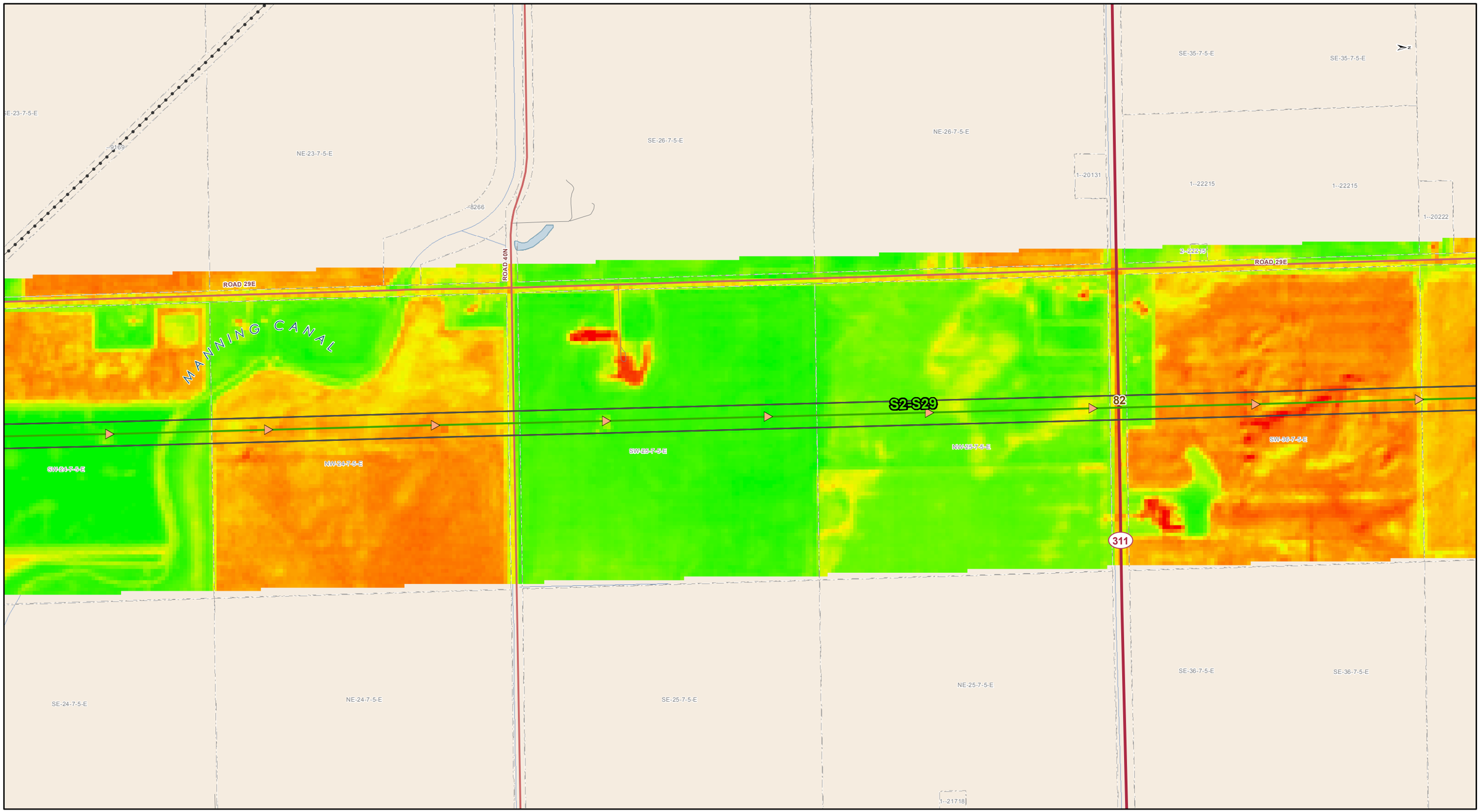
Landbase
- Highway
- Major Road
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-24



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

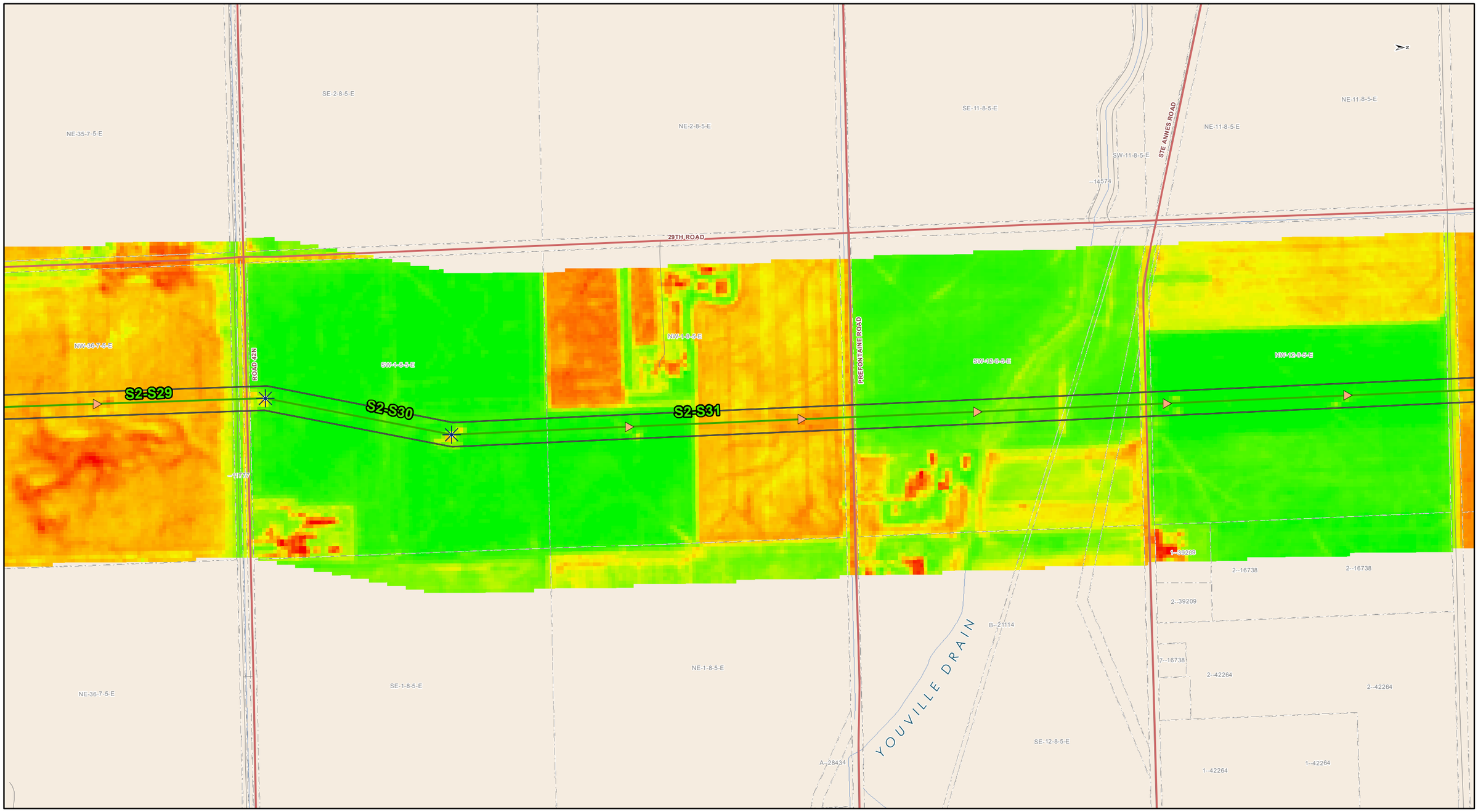
Landbase
- Highway
- Major Road
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-25



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

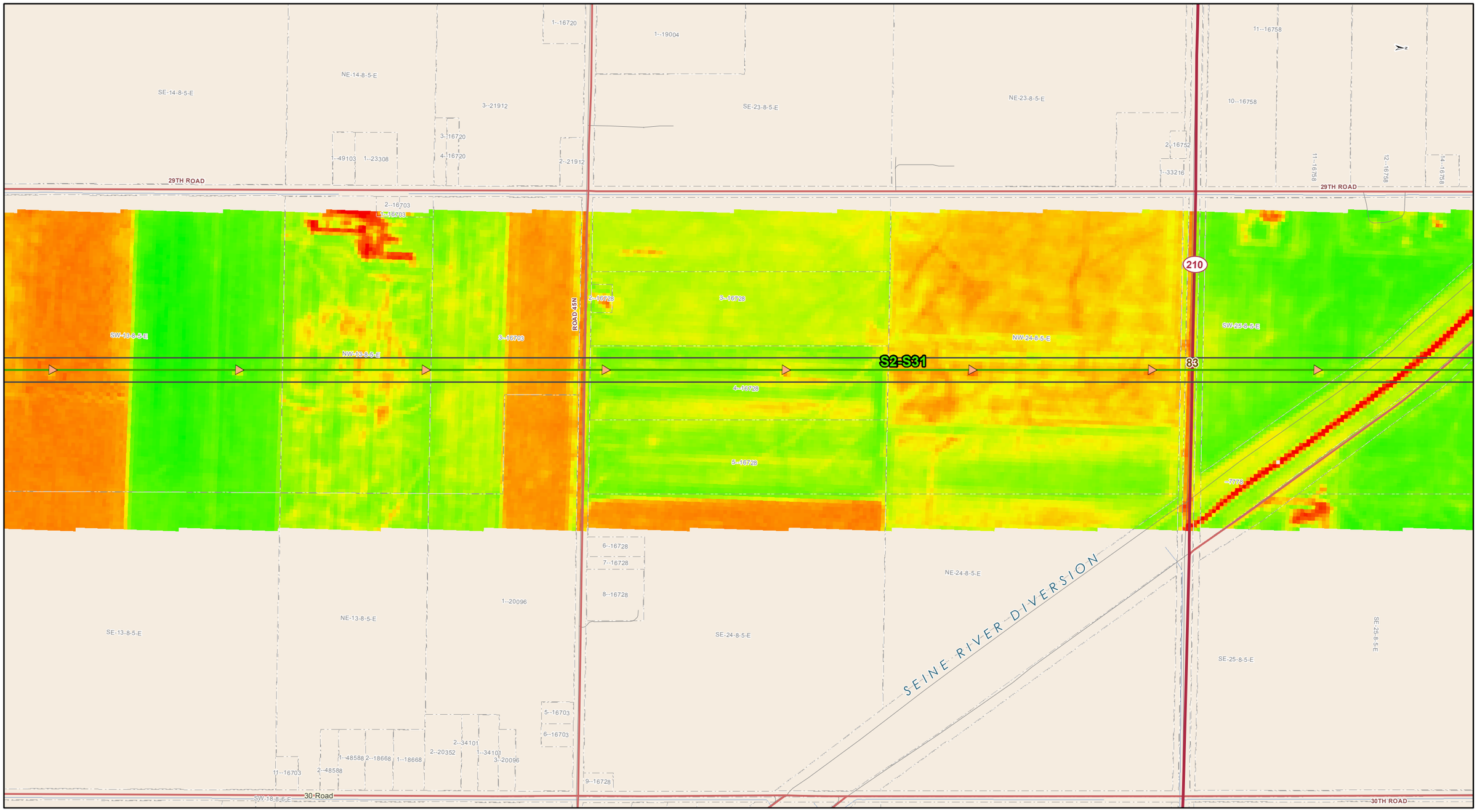
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-26



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

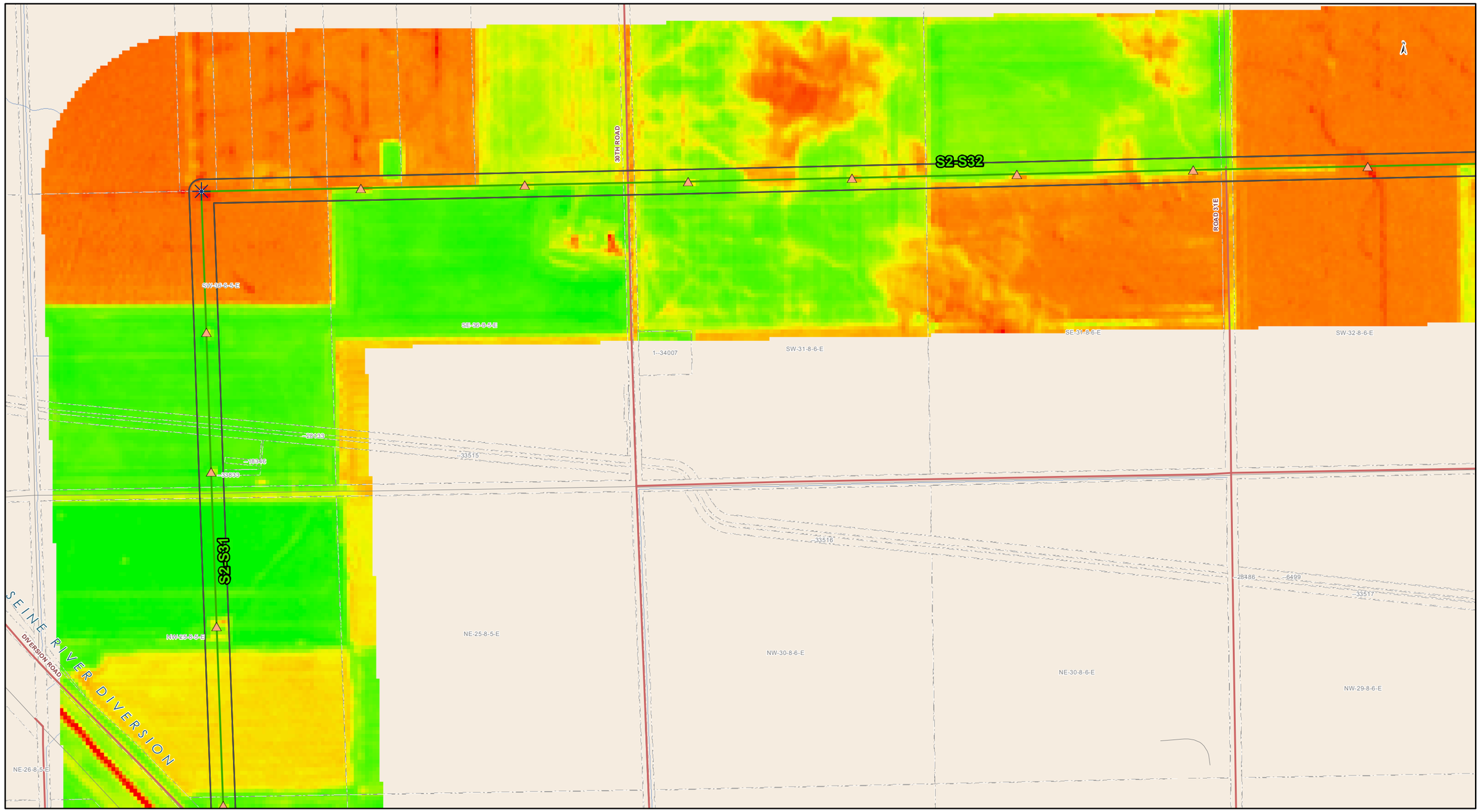
Landbase
- Highway
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-27



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

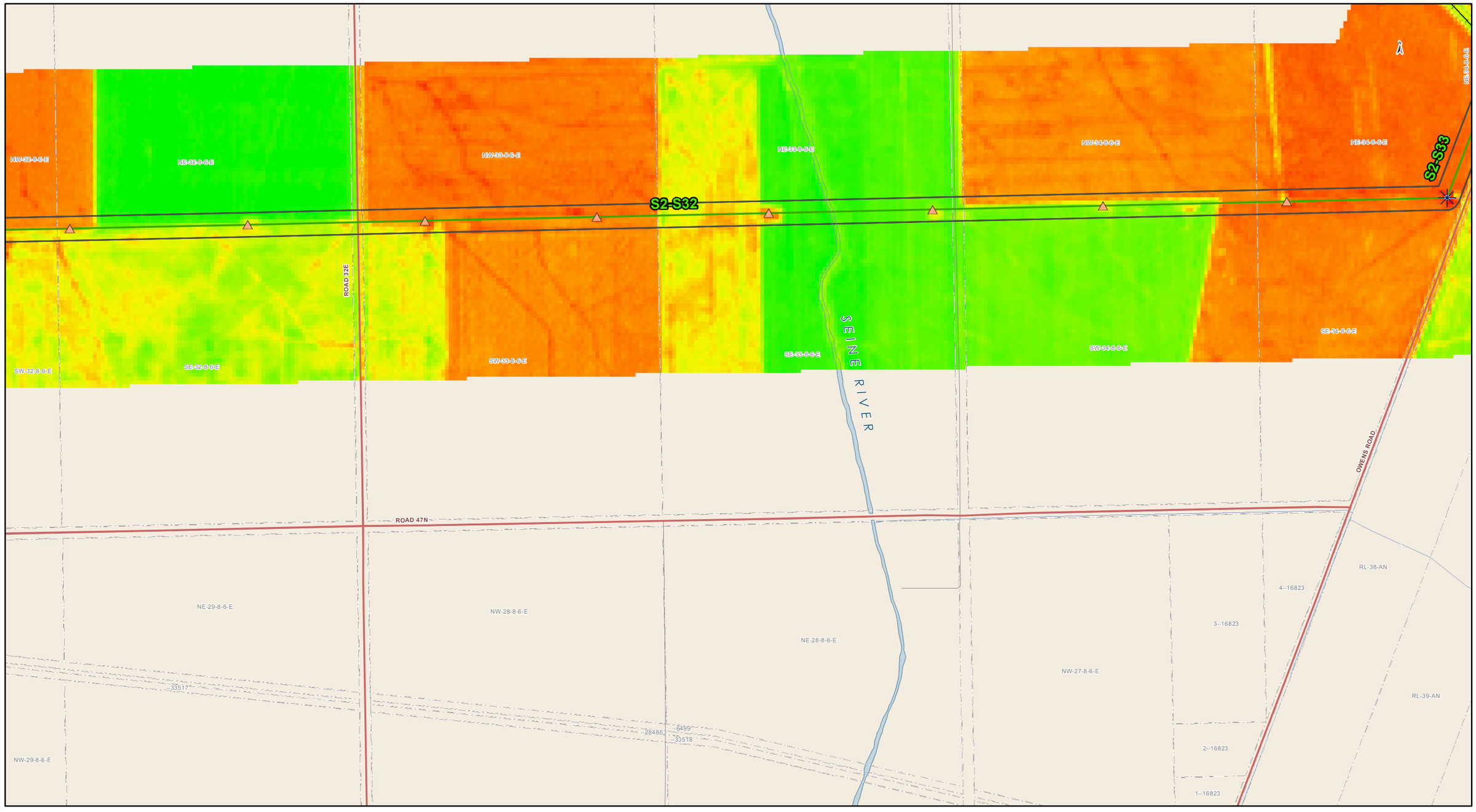
Landbase
- Major Road
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-28



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

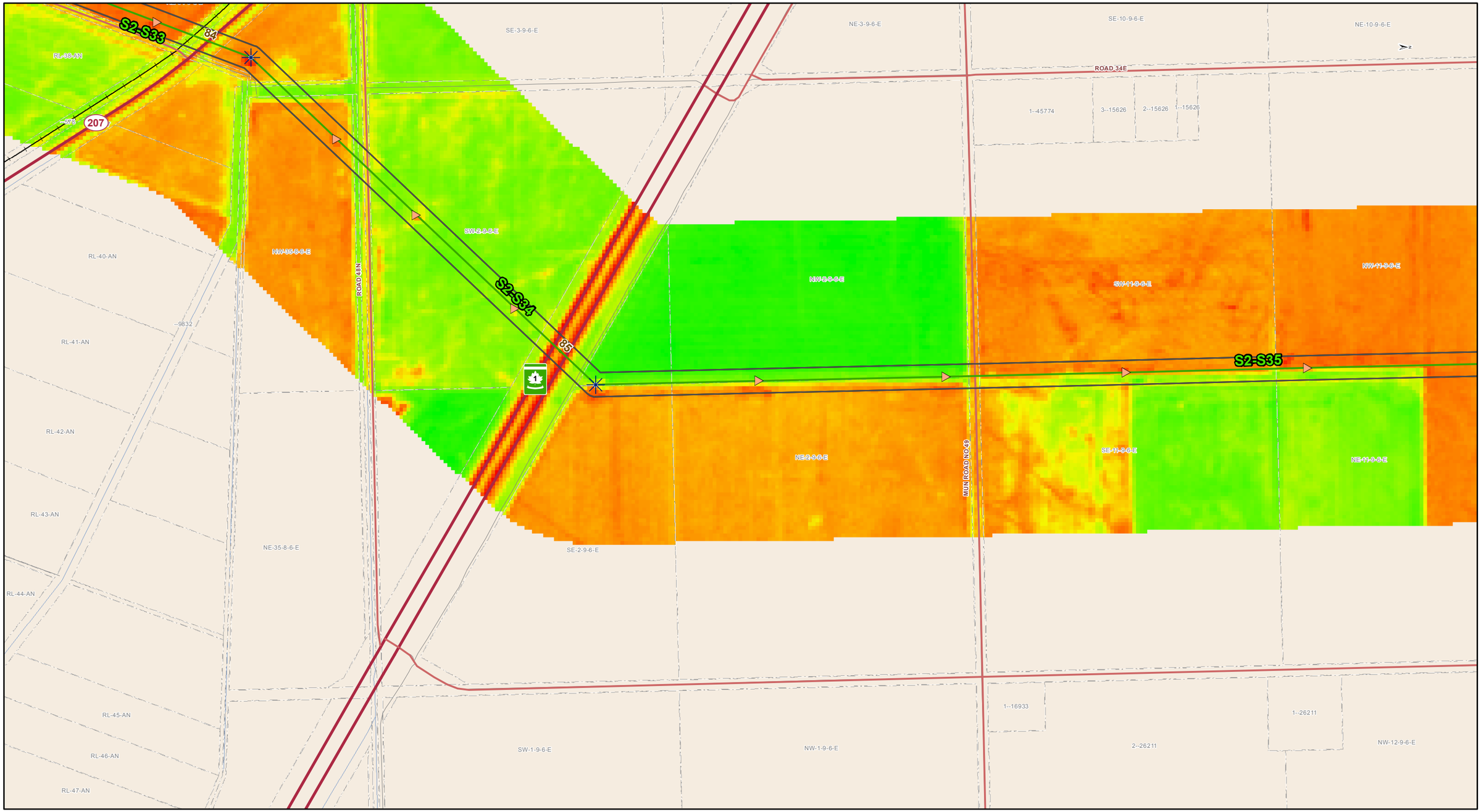
Landbase
- Highway
- Major Road
- Railway (Operational)
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-29



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Access Route

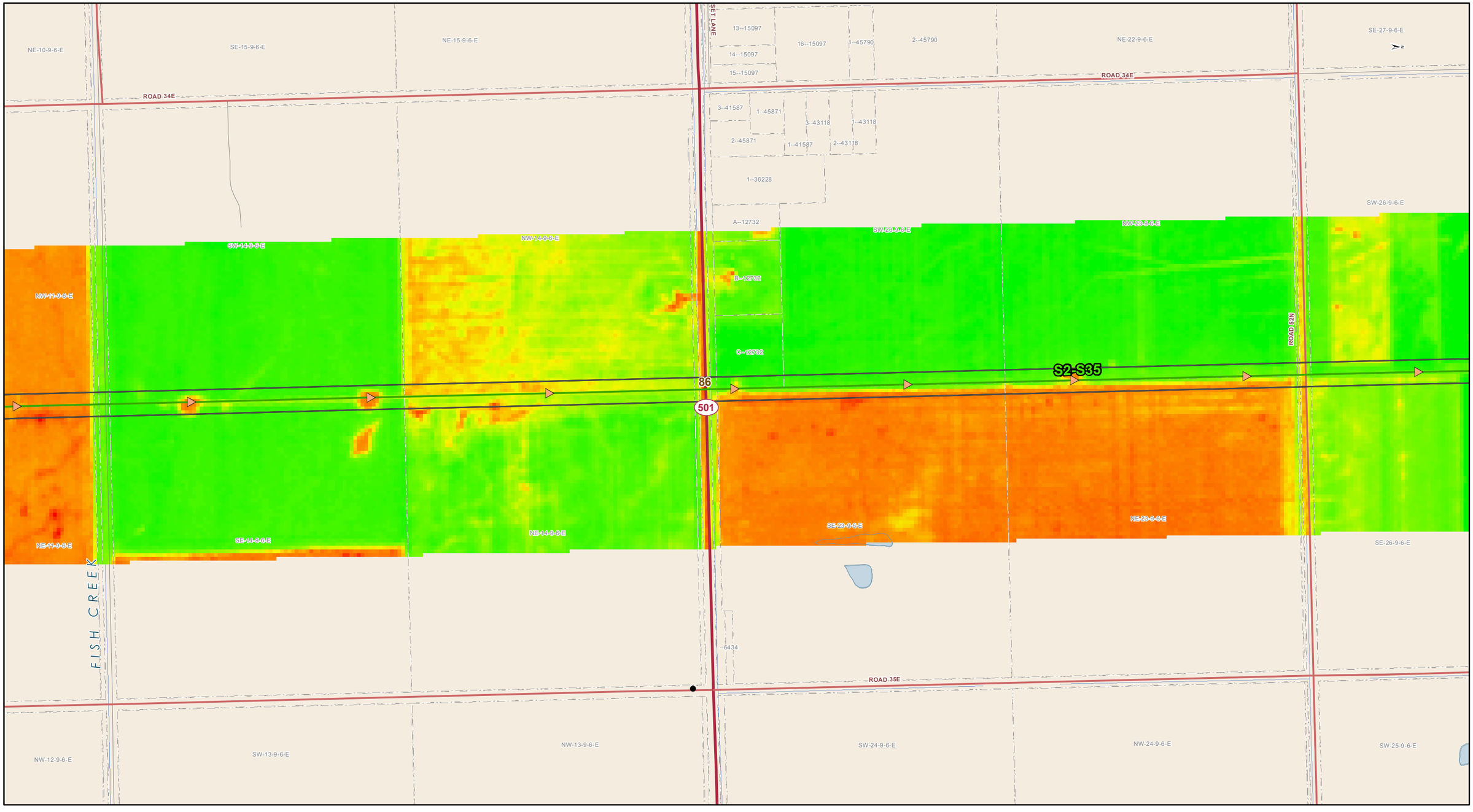
Landbase
- Highway
- Major Road
- Railway (Operational)
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-30



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

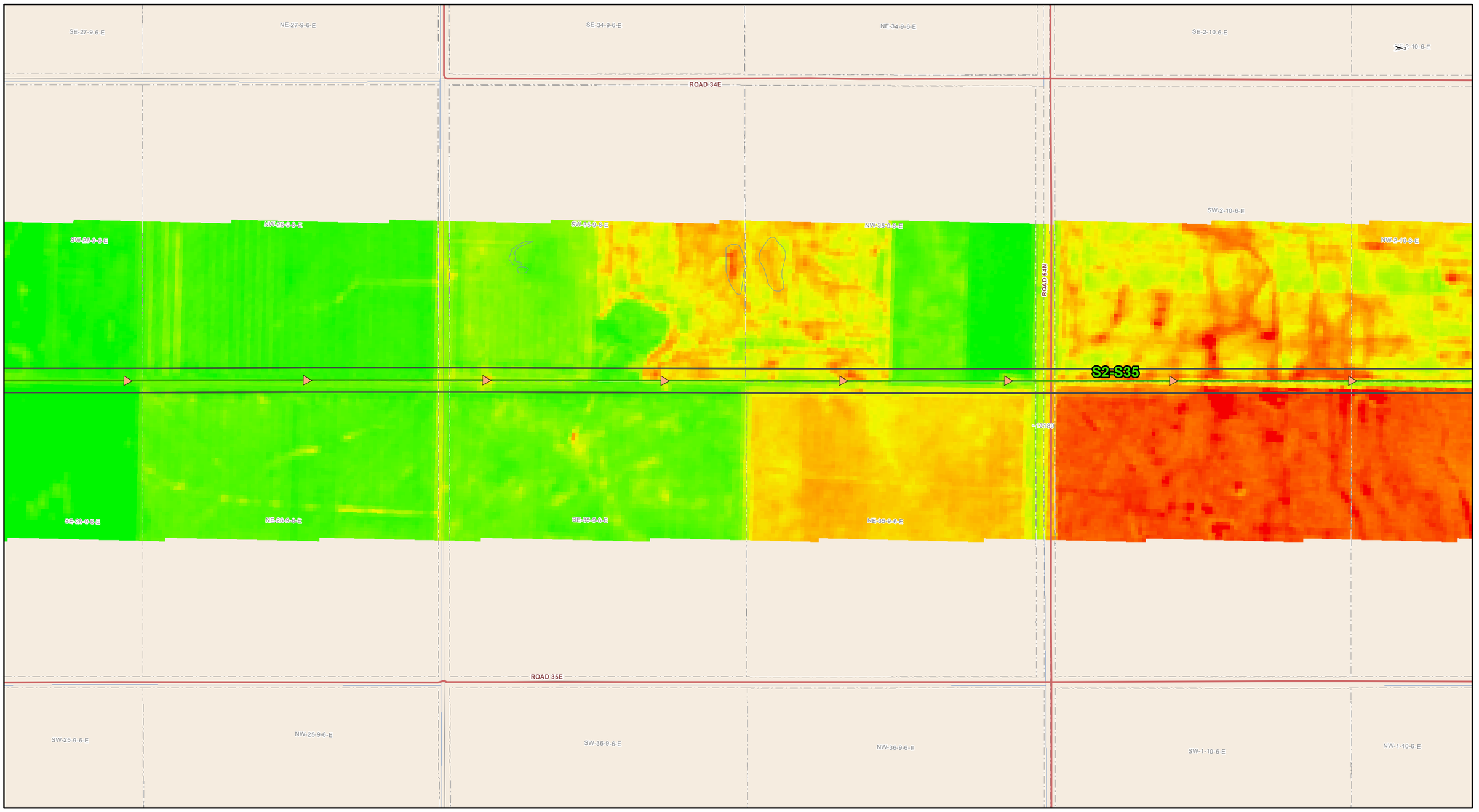
Landbase
- Highway
- Major Road
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-31



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

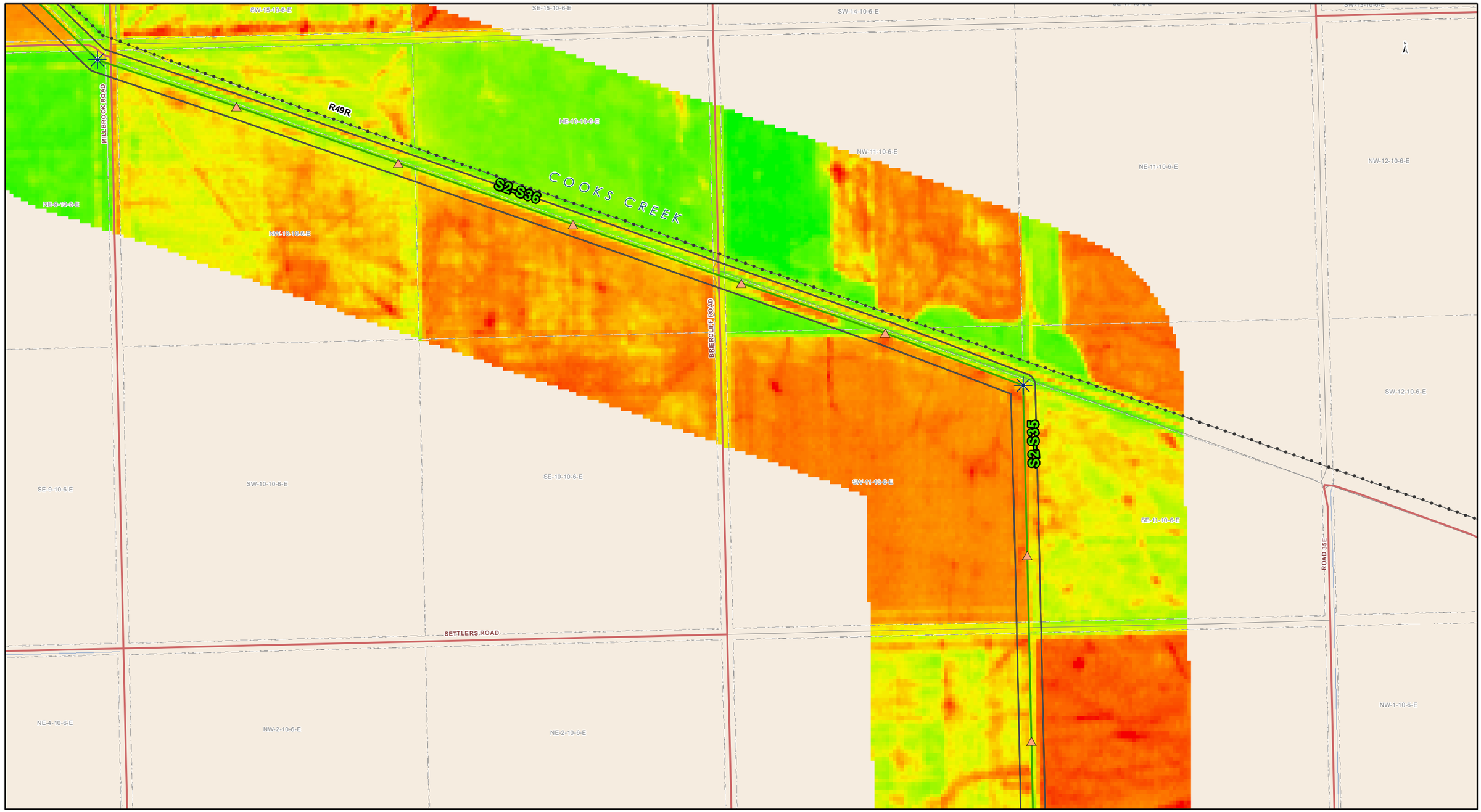
Landbase
- Major Road
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
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Map 4-500-32



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

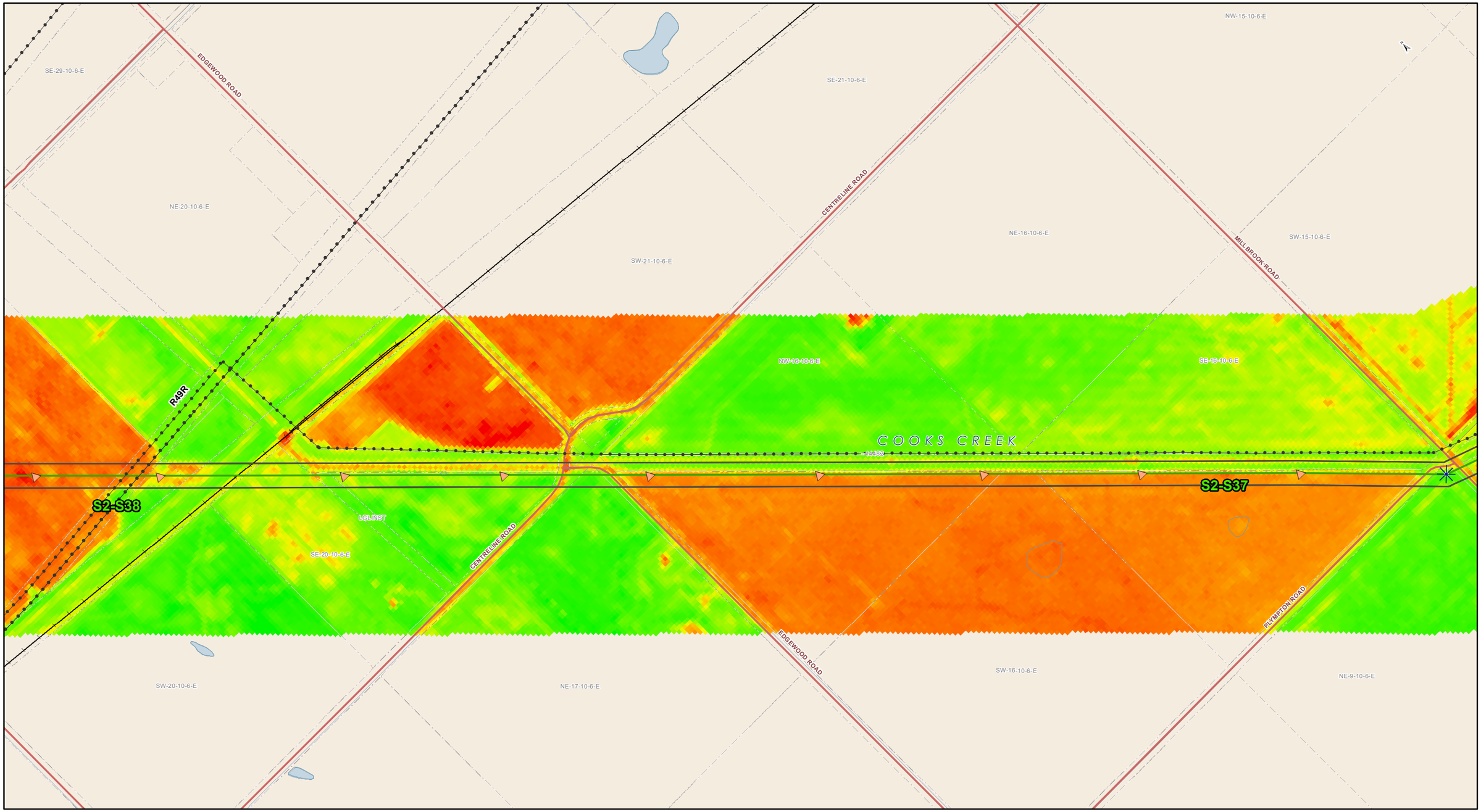
Landbase
- Major Road
- Transmission Line
- Parcel Fabric
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-33



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

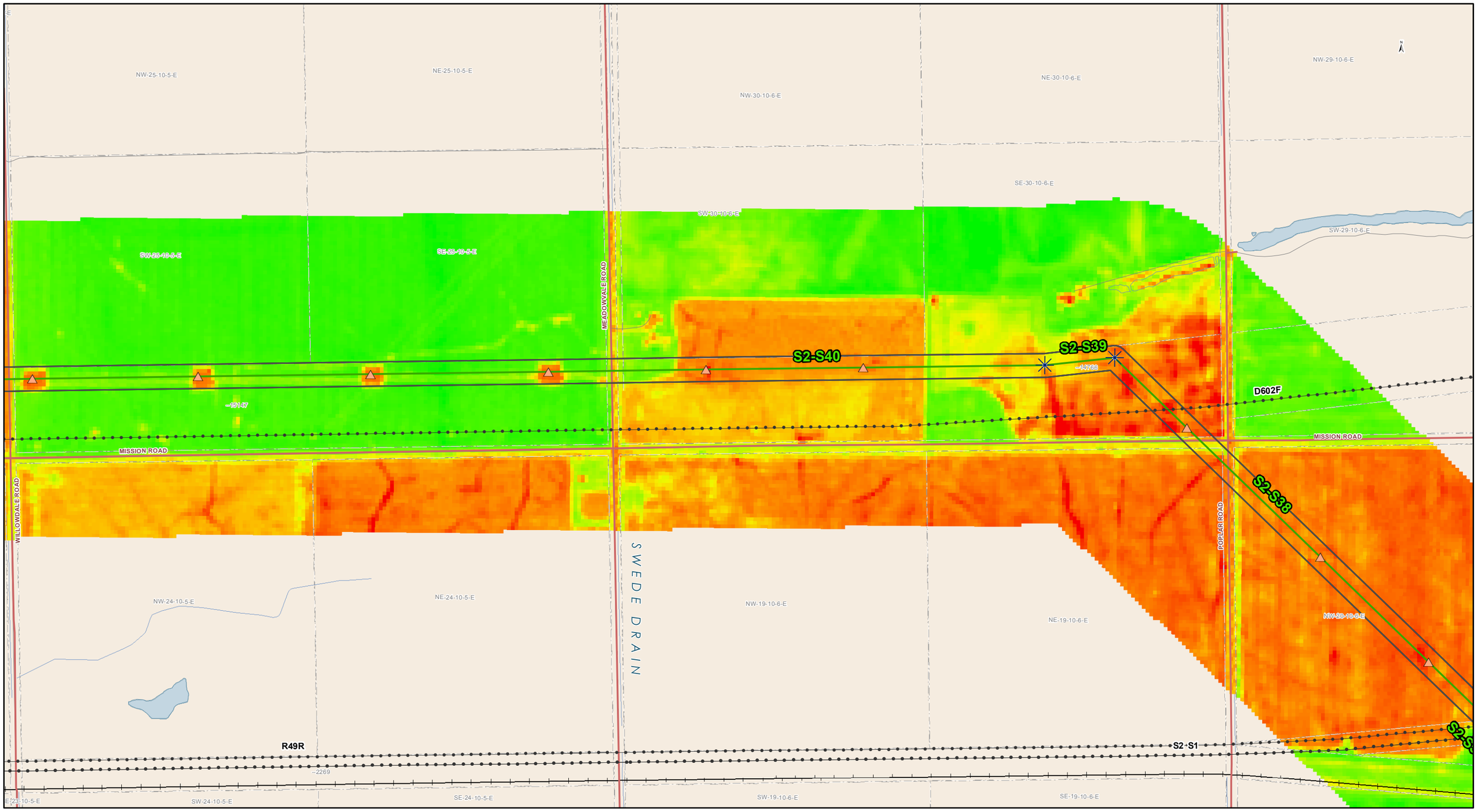
Landbase
- Major Road
- Railway (Operational)
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-34



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)

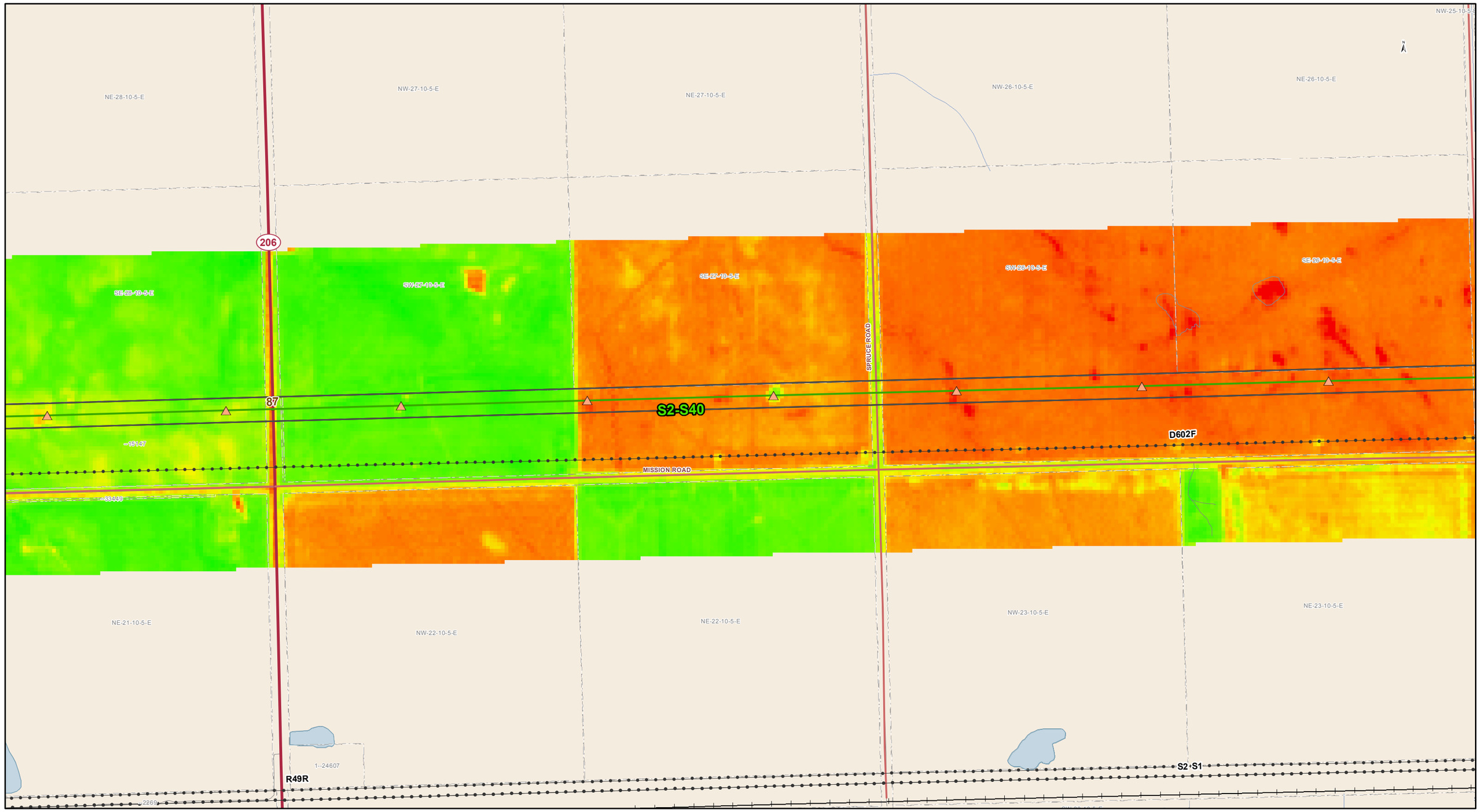
Landbase
- Major Road
- Railway (Operational)
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-35



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)
- Proposed Access Route

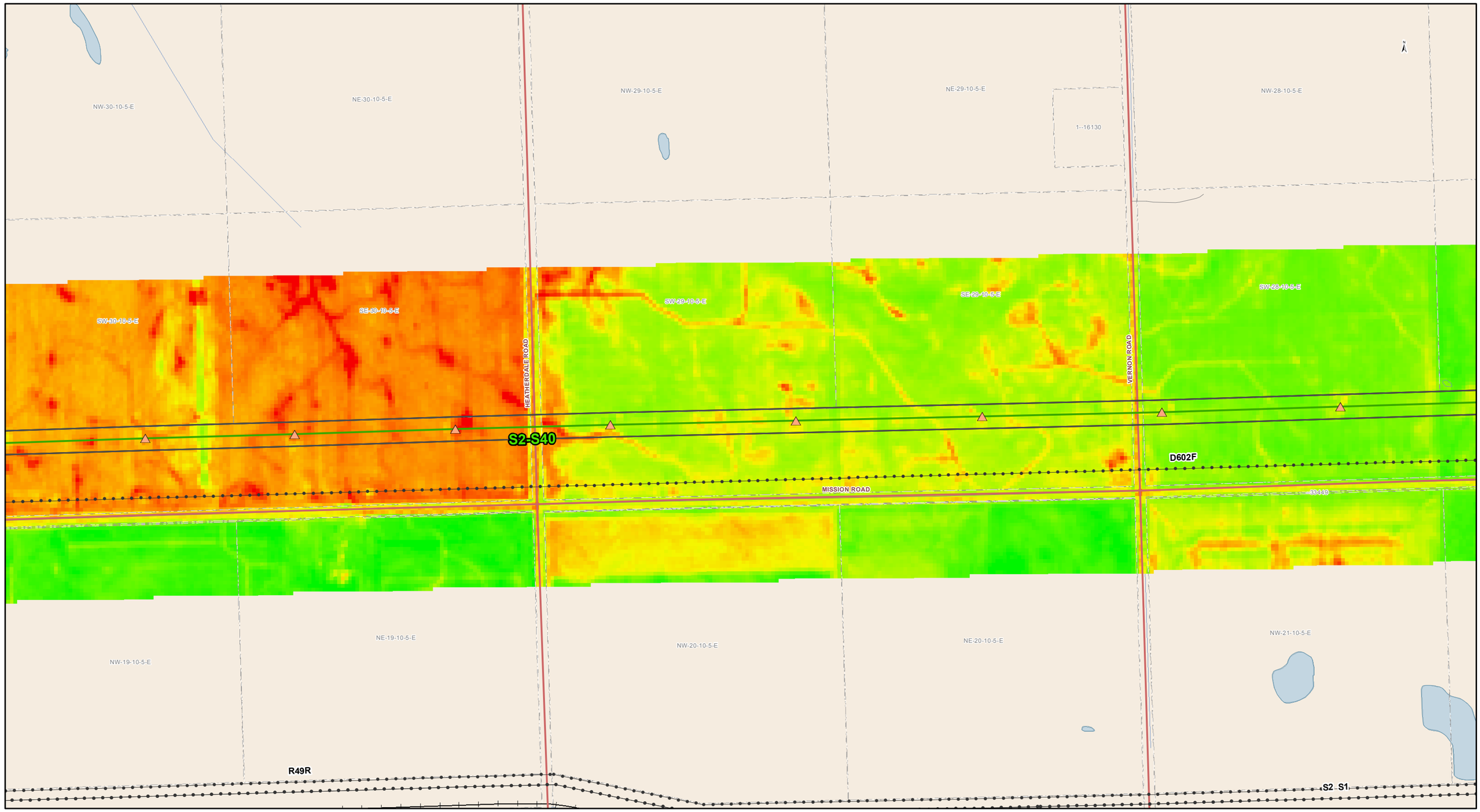
Landbase
- Highway
- Major Road
- Railway (Operational)
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
Summer 2016

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Map 4-500-36



Manitoba Hydro

Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Towers (Preliminary)

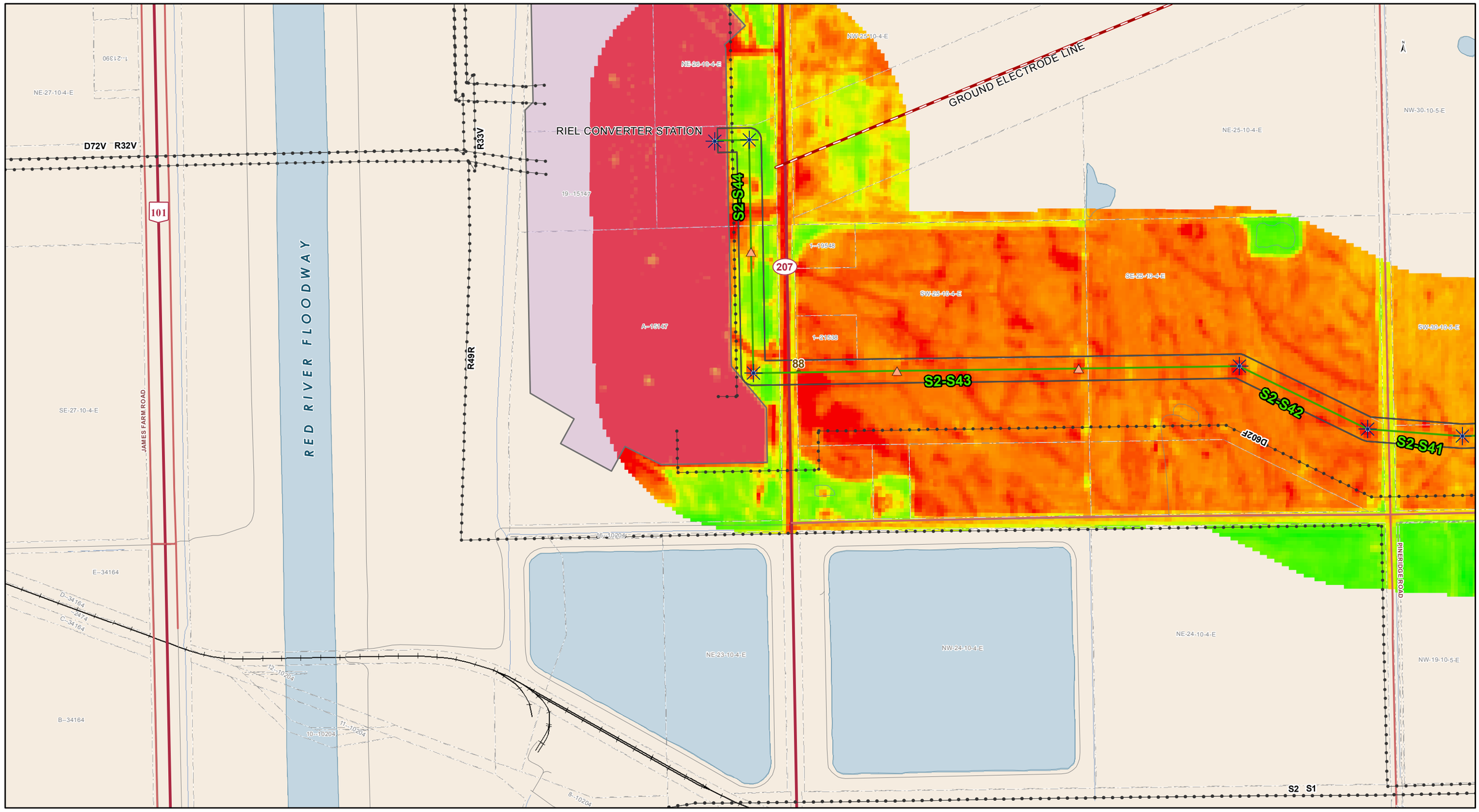
Landbase
- Major Road
- Railway (Operational)
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
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Map 4-500-37



Coordinate System: UTM Zone 14N NAD83
Data Source: MB Hydro, ProvMB, NRCAN, Stantec Consulting
Date Created: November 15, 2016

0 125 250 500
Metres 1:10,000

NDVI
Summer 2016
High : 1
Low : -1

Project Infrastructure
- BPIII Final Preferred Route
- 66m ROW
- Southern Electrode Line
- Towers (Preliminary)
- Angle Tower Locations (Preliminary)
- Proposed Converter Station
- Proposed Access Route

Landbase
- Highway
- Major Road
- Railway (Operational)
- Transmission Line
- Parcel Fabric
- Waterbodies
- Watercourse

Bipole III Transmission Project

Section S2
Normalized Difference Vegetation Index (NDVI)
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Map 4-500-38

Available in accessible formats upon request