

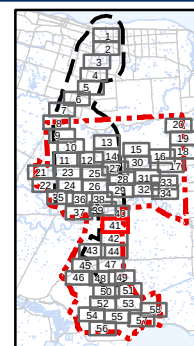


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

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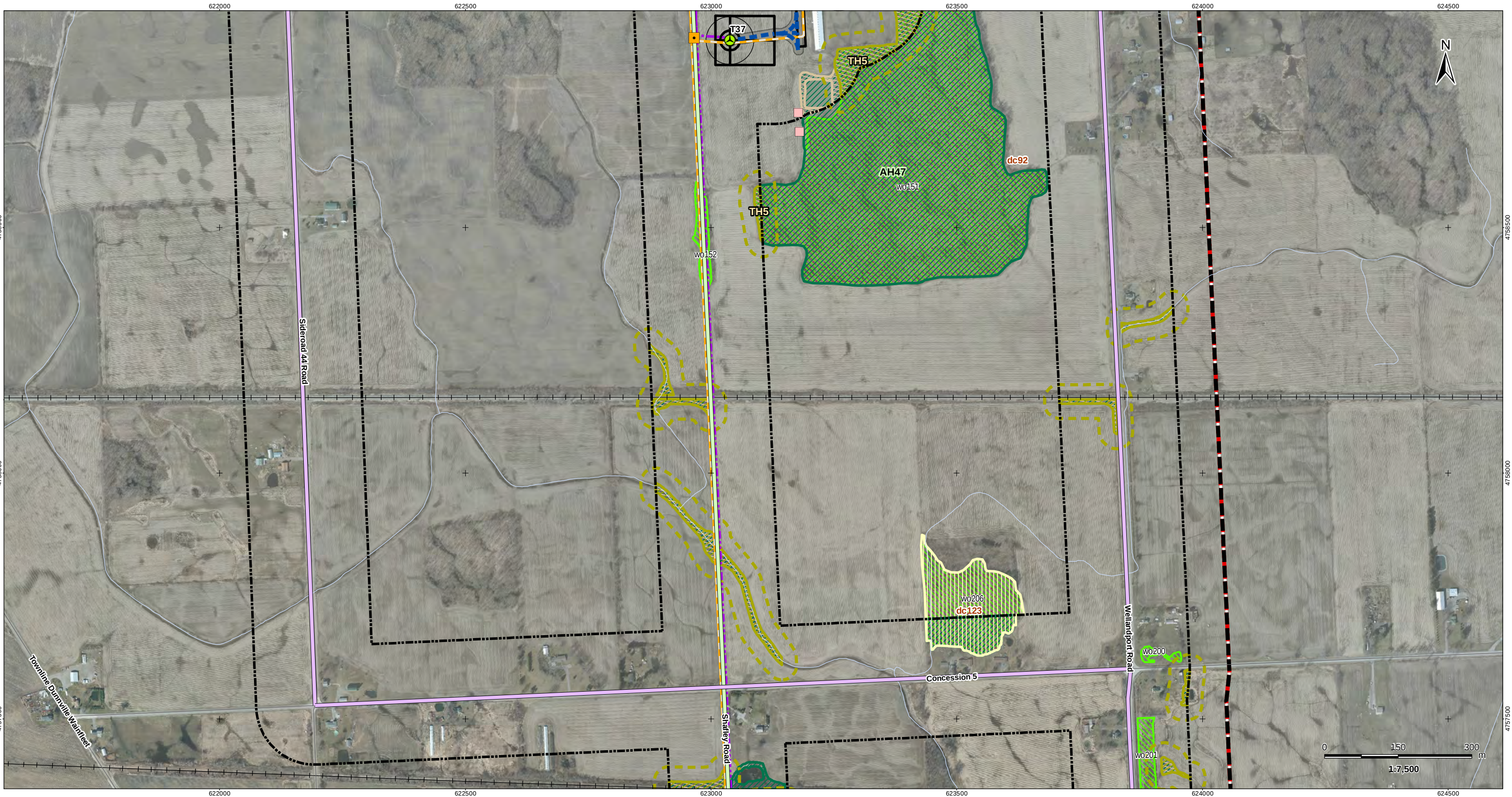


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Niagara Region Wind Corporation
Natural Heritage Assessment Report

Figure No.
6.41

Title
**Candidate Significant
Wildlife Habitat
Figure 6.41**

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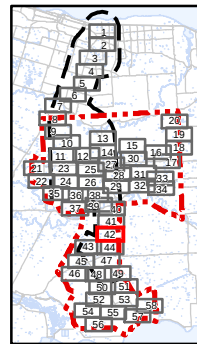


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

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Figure No.
6.42

Title
**Candidate Significant
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Figure 6.42**

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March, 2013
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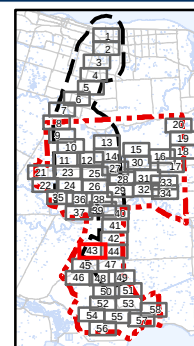


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

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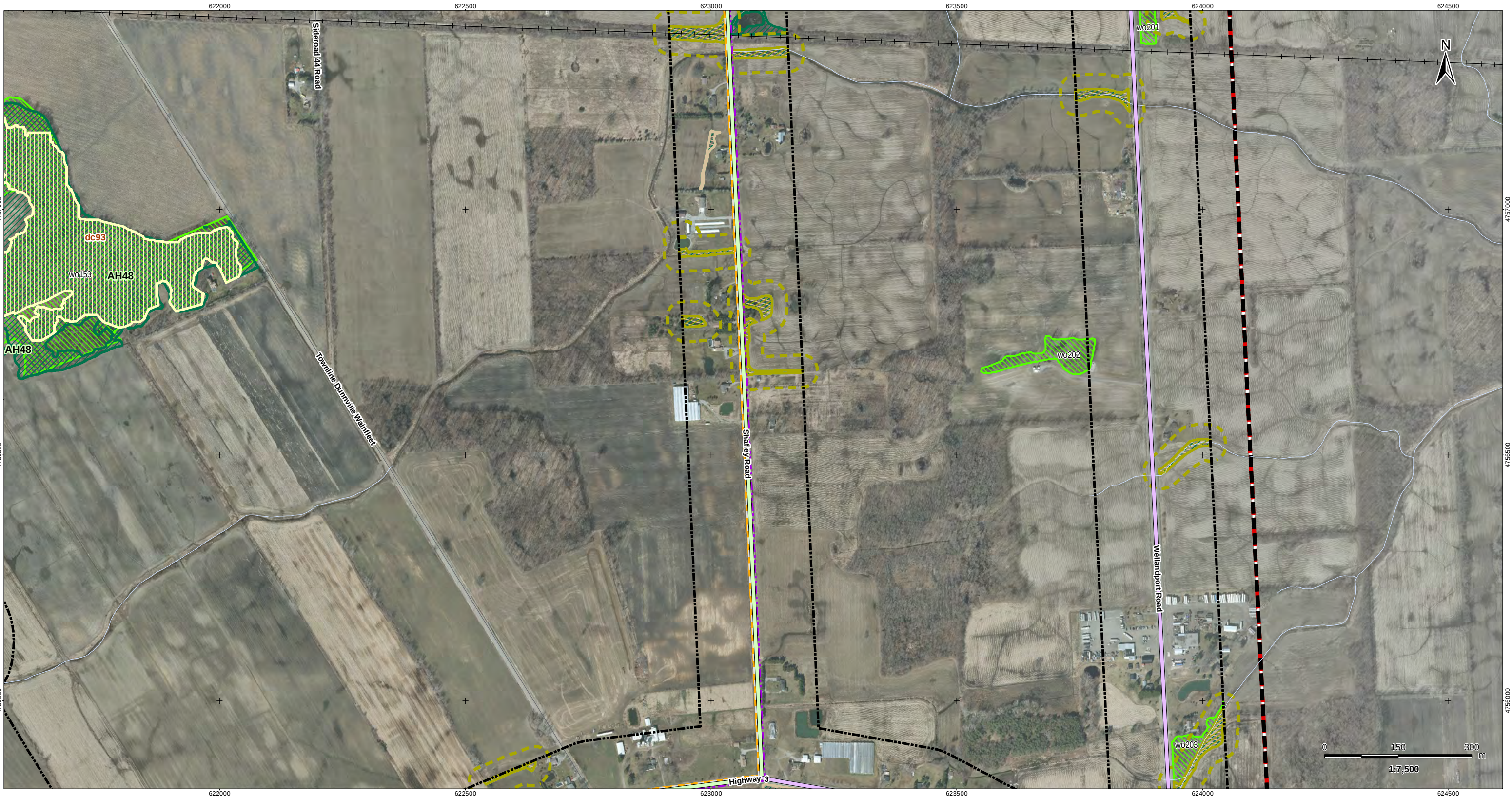


Client/Project
Niagara Region Wind Corporation
Natural Heritage Assessment Report

Figure No.
6.43

Title
**Candidate Significant
Wildlife Habitat
Figure 6.43**

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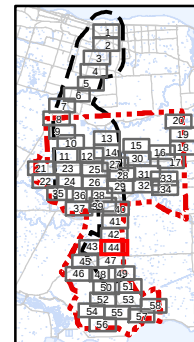


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

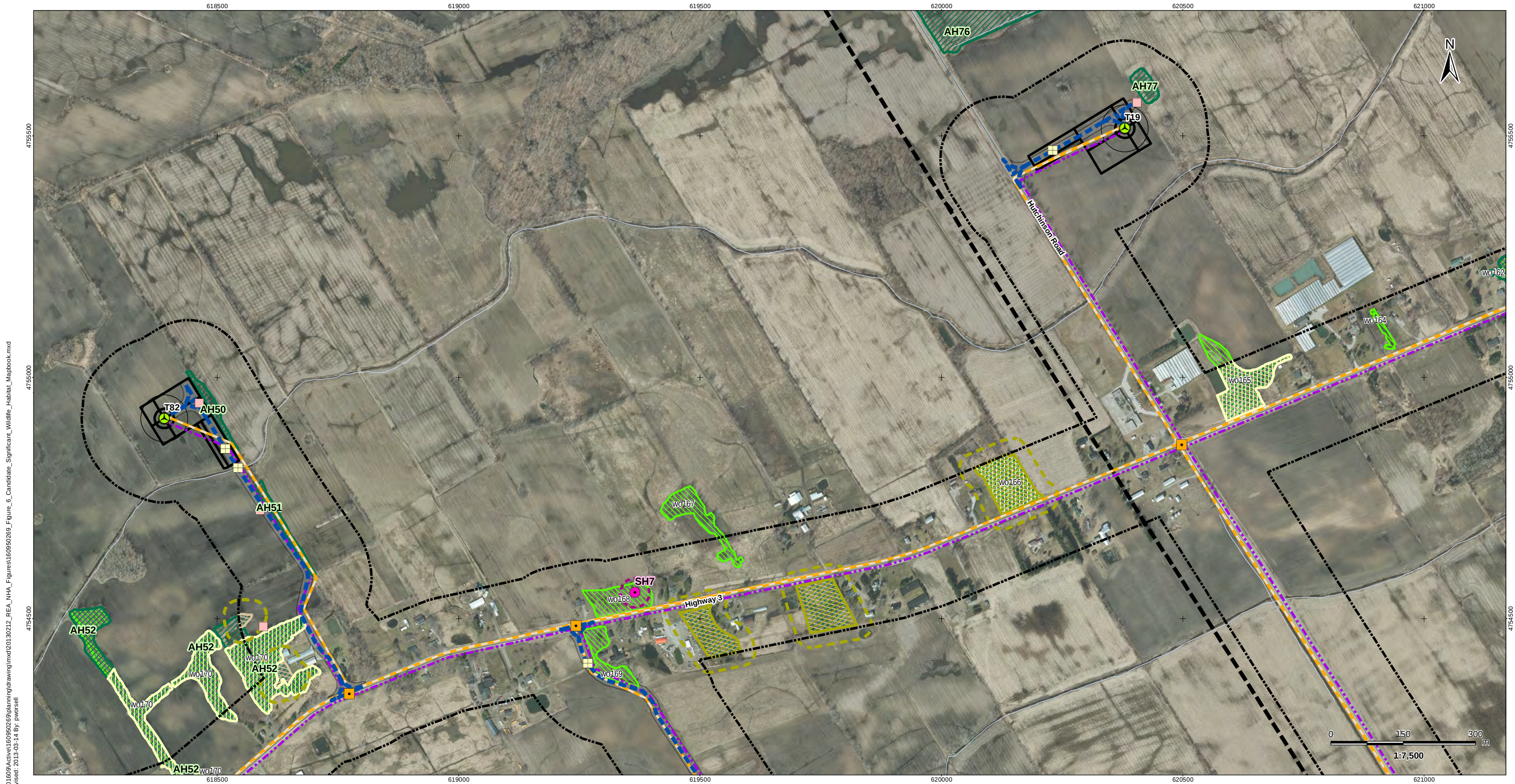
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Figure No.
6.44

Title
**Candidate Significant
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Figure 6.44**



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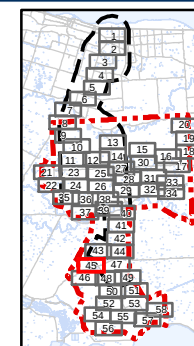


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

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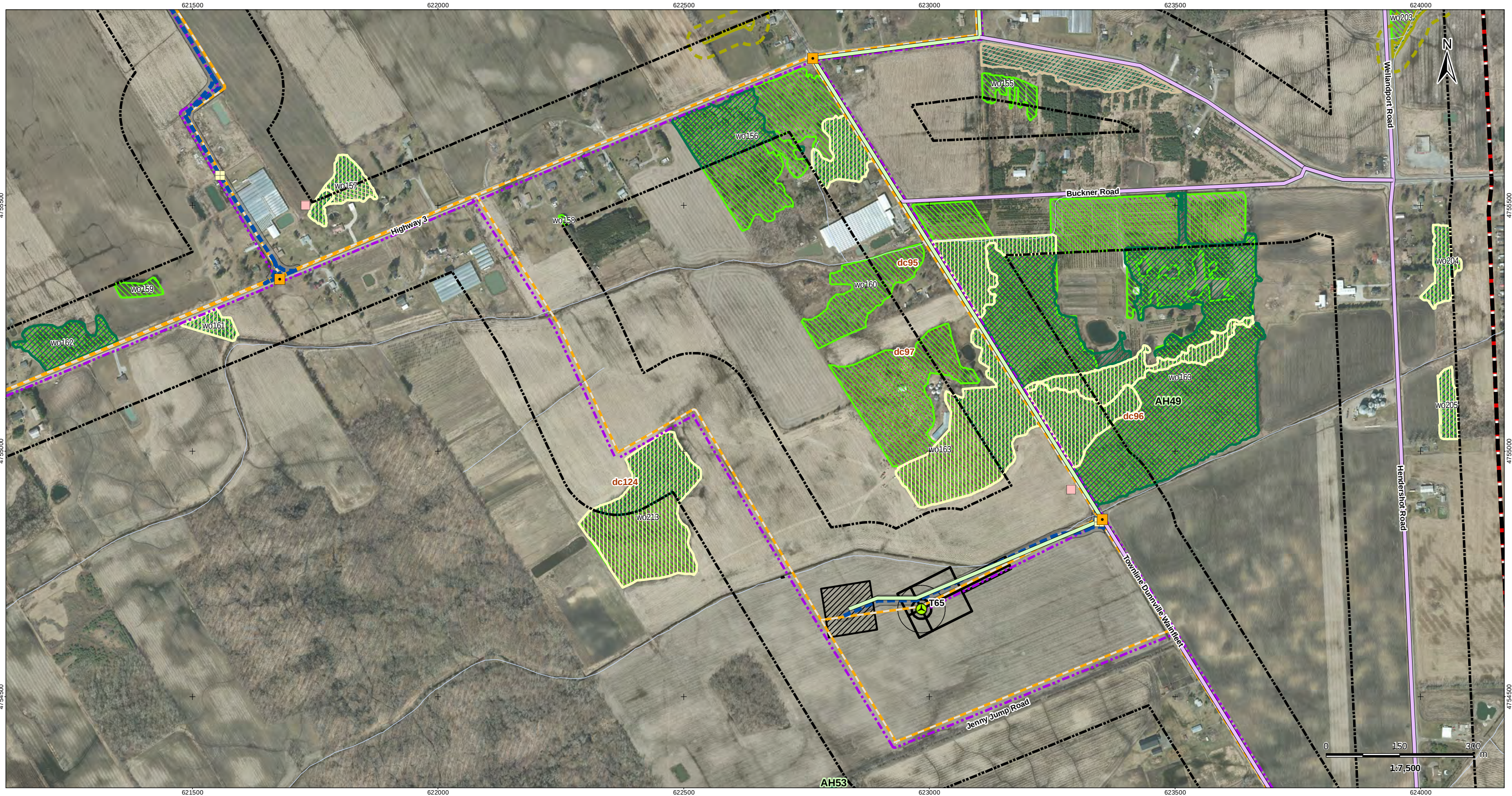


Client/Project
Niagara Region Wind Corporation
Natural Heritage Assessment Report

Figure No.
6.45

Title
**Candidate Significant
Wildlife Habitat
Figure 6.45**

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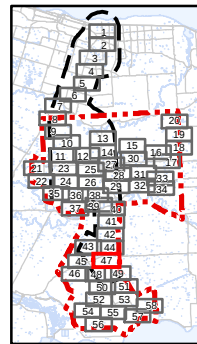
Stantec

Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Raptor Wintering Areas		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Vole Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Terrestrial Crayfish Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Turtle Nesting Habitat/Snapping Turtle Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Habitat 30m Buffer		
			Transformer Substation		Landbird Migratory Stopover				

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Figure No.

6.47

Title

Candidate Significant
Wildlife Habitat
Figure 6.47



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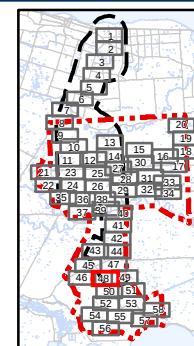


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Raptor Wintering Areas		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Vole Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Terrestrial Crayfish Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Turtle Nesting Habitat/Snapping Turtle Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Habitat 30m Buffer		
			Transformer Substation		Landbird Migratory Stopover				

Notes

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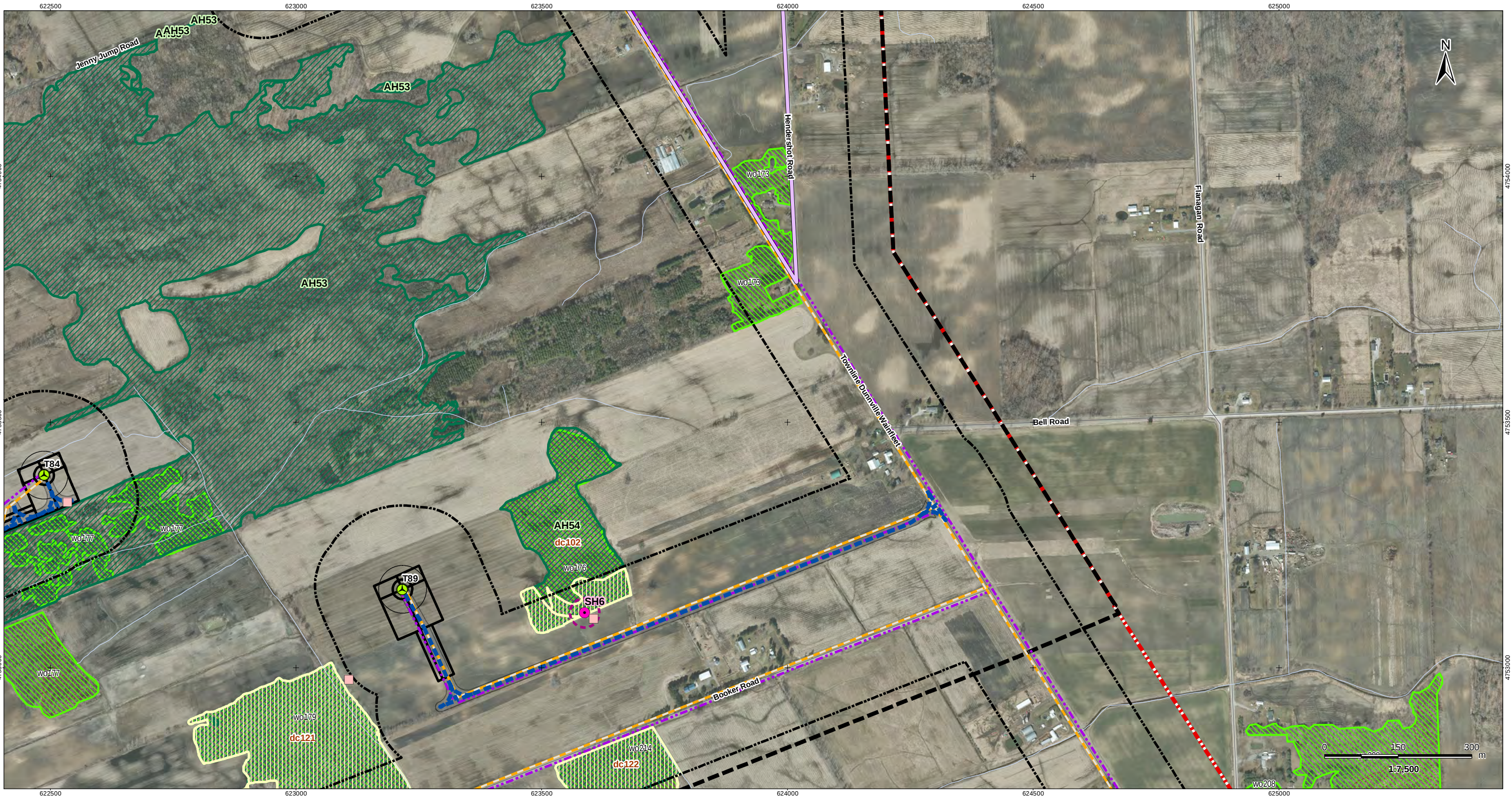


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Niagara Region Wind Corporation
Natural Heritage Assessment Report

Figure No.
6.48

Title
**Candidate Significant
Wildlife Habitat
Figure 6.48**

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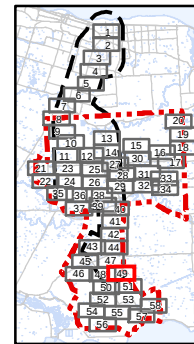
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Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Other Rare Vegetation Community
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Amphibian Breeding Habitat
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Raptor Wintering Areas
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Woodland Vole Habitat
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Terrestrial Crayfish Habitat
			Transformer Substation		Landbird Migratory Stopover		Turtle Nesting Habitat/Snapping Turtle Habitat
							Turtle Habitat 30m Buffer

Notes

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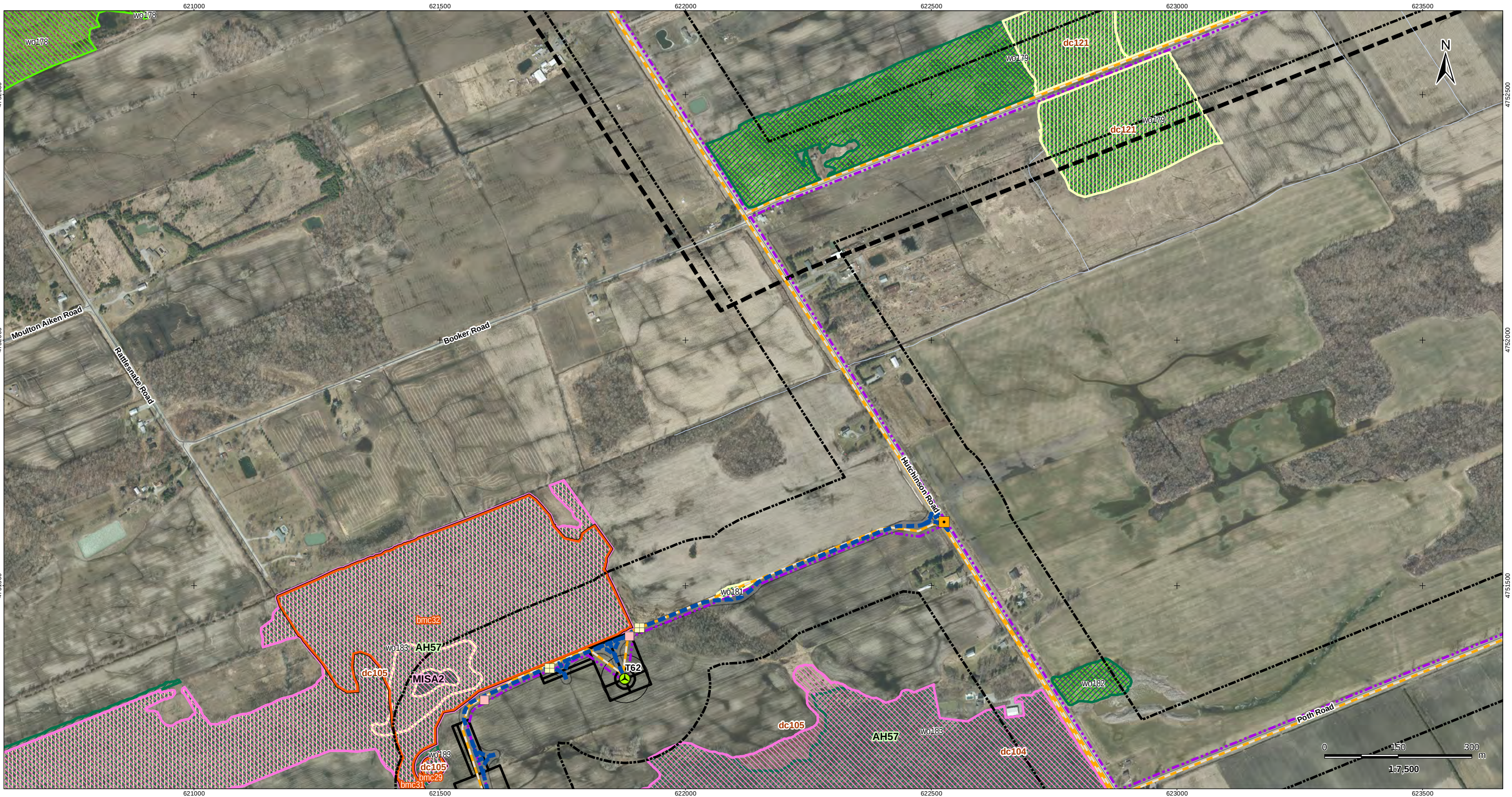


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Figure No.
6.49

Title
**Candidate Significant
Wildlife Habitat
Figure 6.49**

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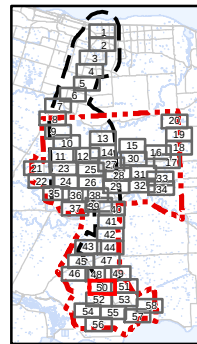


Legend

Project Study Area	Preferred Transmission Route	Amphibian Breeding Stations	Other Rare Vegetation Community	Turtle Wintering Area
Interconnector Study Area	Alternate Transmission Route	Snake Hibernacula	Amphibian Breeding Habitat	Bat Maternity Colonies
120m Zone of Investigation	Temporary Laydown Area	Snake Hibernacula 30m Buffer	Cliff and Talus Communities	
Proposed Turbine Location	Collector Lines – Underground or Overhead	MBB Point Count Location	Raptor Wintering Areas	
Turbine Blade Length	Fibre Optic Line	Migratory Bird Transect	Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat	
Tap-in Location	Potential Access Road	Winter Raptor Transect	Woodland Vole Habitat	
Junction Box	Access Road 20m Construction Area	Woodland Communities	Terrestrial Crayfish Habitat	
Proposed Culvert	Potential Construction Laydown Area	Deer Congregation Areas (MNR)	Turtle Nesting Habitat/Snapping Turtle Habitat	
	Transformer Substation	Landbird Migratory Stopover	Turtle Habitat 30m Buffer	

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Figure No.

6.50

Title

**Candidate Significant
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Figure 6.50**

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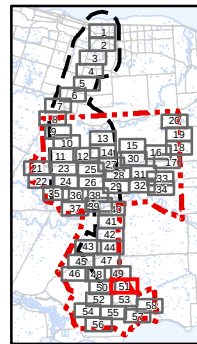


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines - Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

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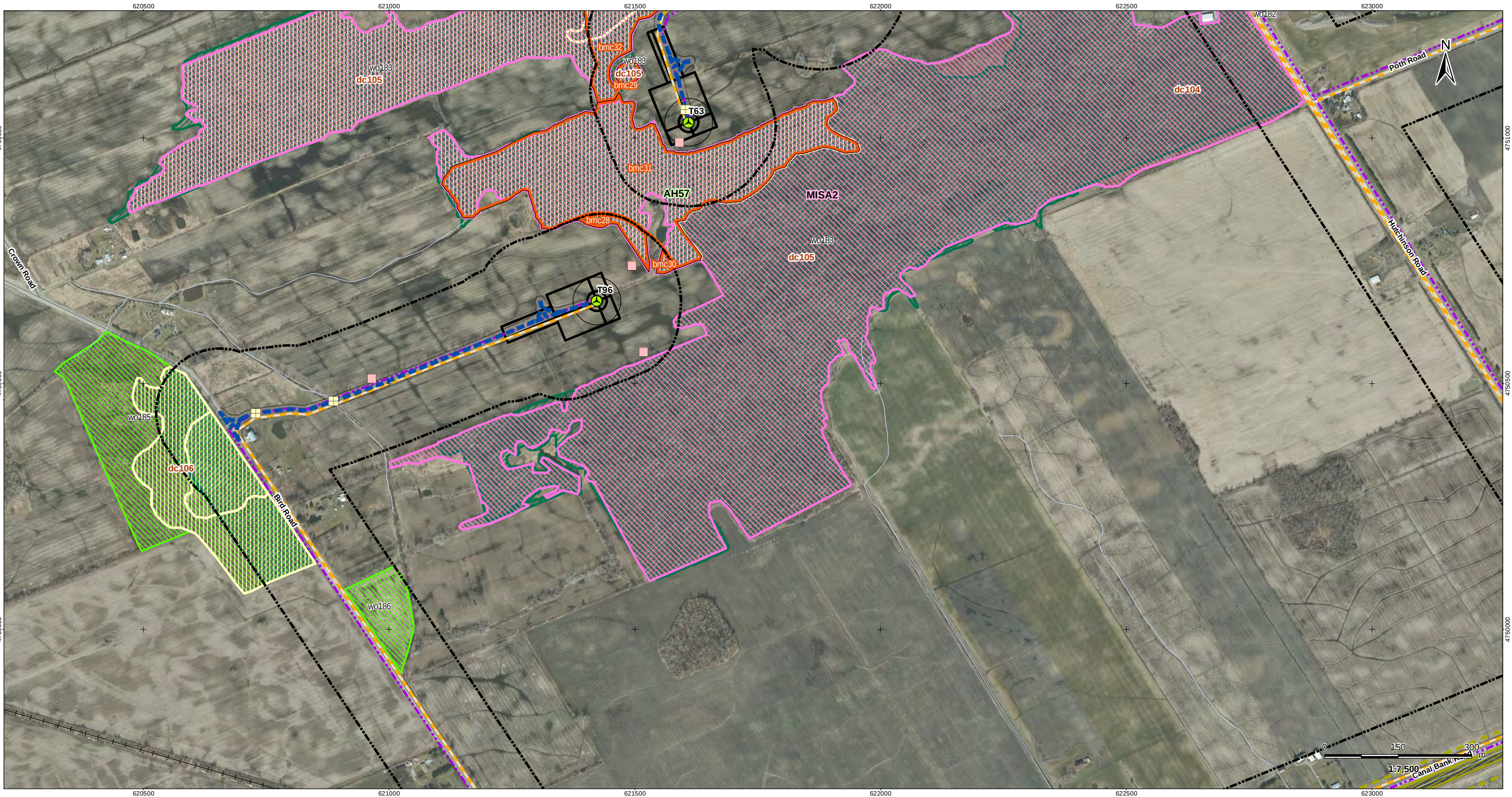


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Figure No.
6.51

Title
**Candidate Significant
Wildlife Habitat
Figure 6.51**

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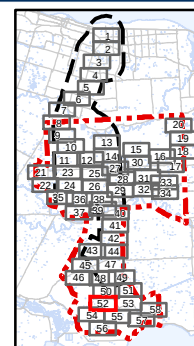
Stantec

Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Amphibian Breeding Habitat
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Cliff and Talus Communities
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Raptor Wintering Areas
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Woodland Vole Habitat
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Terrestrial Crayfish Habitat
			Transformer Substation		Landbird Migratory Stopover		Turtle Nesting Habitat/Snapping Turtle Habitat
							Turtle Habitat 30m Buffer

Notes

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Figure No.

6.52

Title

Candidate Significant
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Figure 6.52

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Revised: 2013-03-25 By: bowper



March, 2013
160950269



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Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Junction Box
- Proposed Culvert

- Preferred Transmission Route
- Alternate Transmission Route
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation

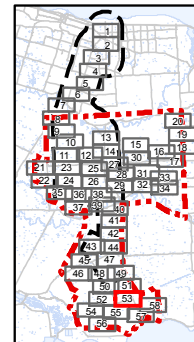
- Amphibian Breeding Stations
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- MBB Point Count Location
- Migratory Bird Transect
- Winter Raptor Transect
- Woodland Communities
- Deer Congregation Areas (MNR)
- Landbird Migratory Stopover

- Other Rare Vegetation Community
- Amphibian Breeding Habitat
- Cliff and Talus Communities
- Raptor Wintering Areas
- Woodland Raptor Nesting Habitat/
Woodland Area Sensitive Bird Breeding Habitat
- Woodland Vole Habitat
- Terrestrial Crayfish Habitat
- Turtle Nesting Habitat/Snapping Turtle Habitat
- Turtle Habitat 30m Buffer

- Turtle Wintering Area
- Bat Maternity Colonies

Notes

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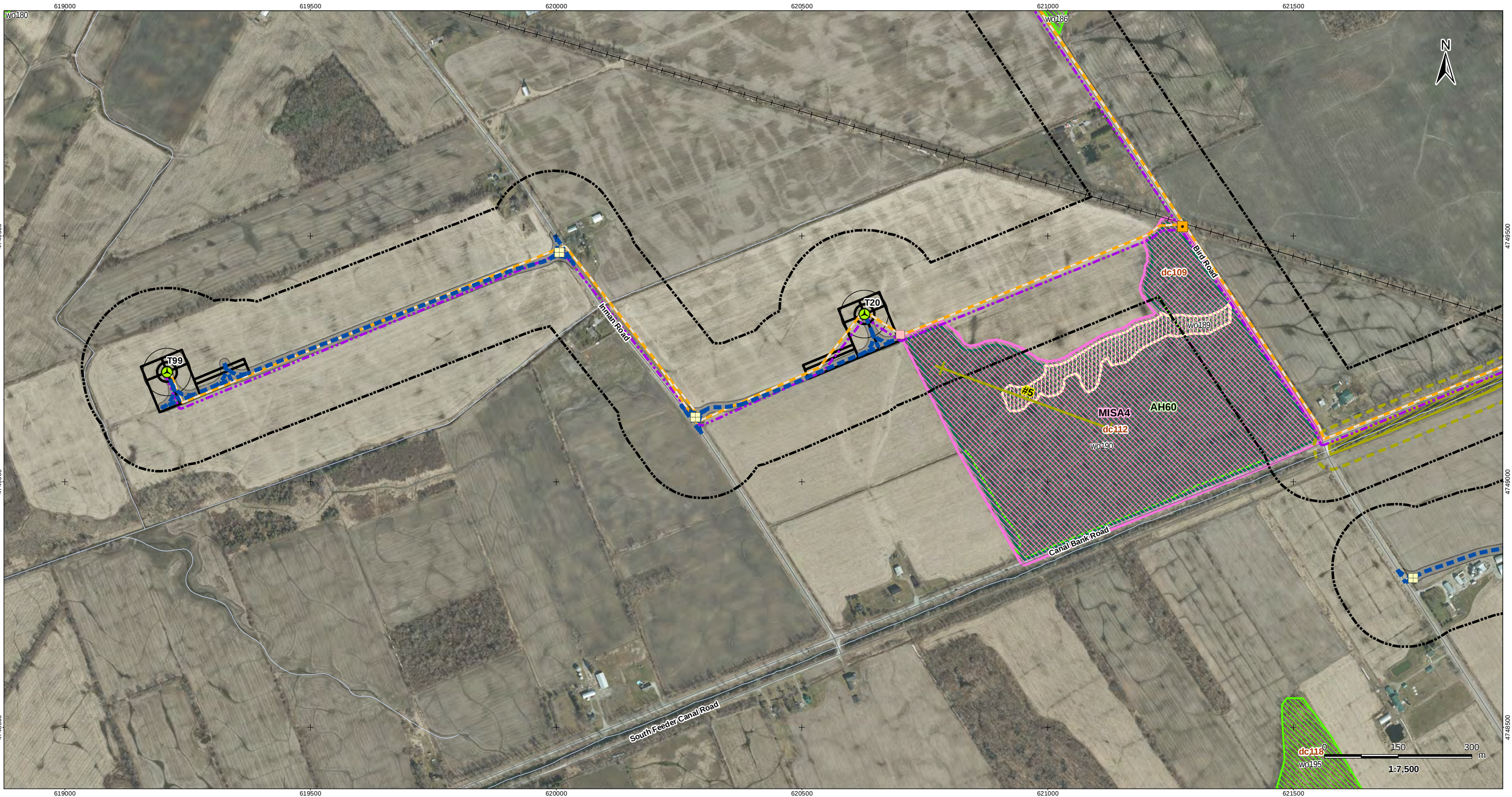
Figure No.

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Title

Candidate Significant
Wildlife Habitat
Figure 6.53

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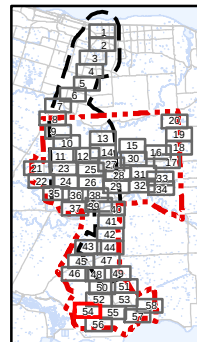


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Raptor Wintering Areas		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Vole Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Terrestrial Crayfish Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Turtle Nesting Habitat/Snapping Turtle Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Habitat 30m Buffer		
			Transformer Substation		Landbird Migratory Stopover				

Notes

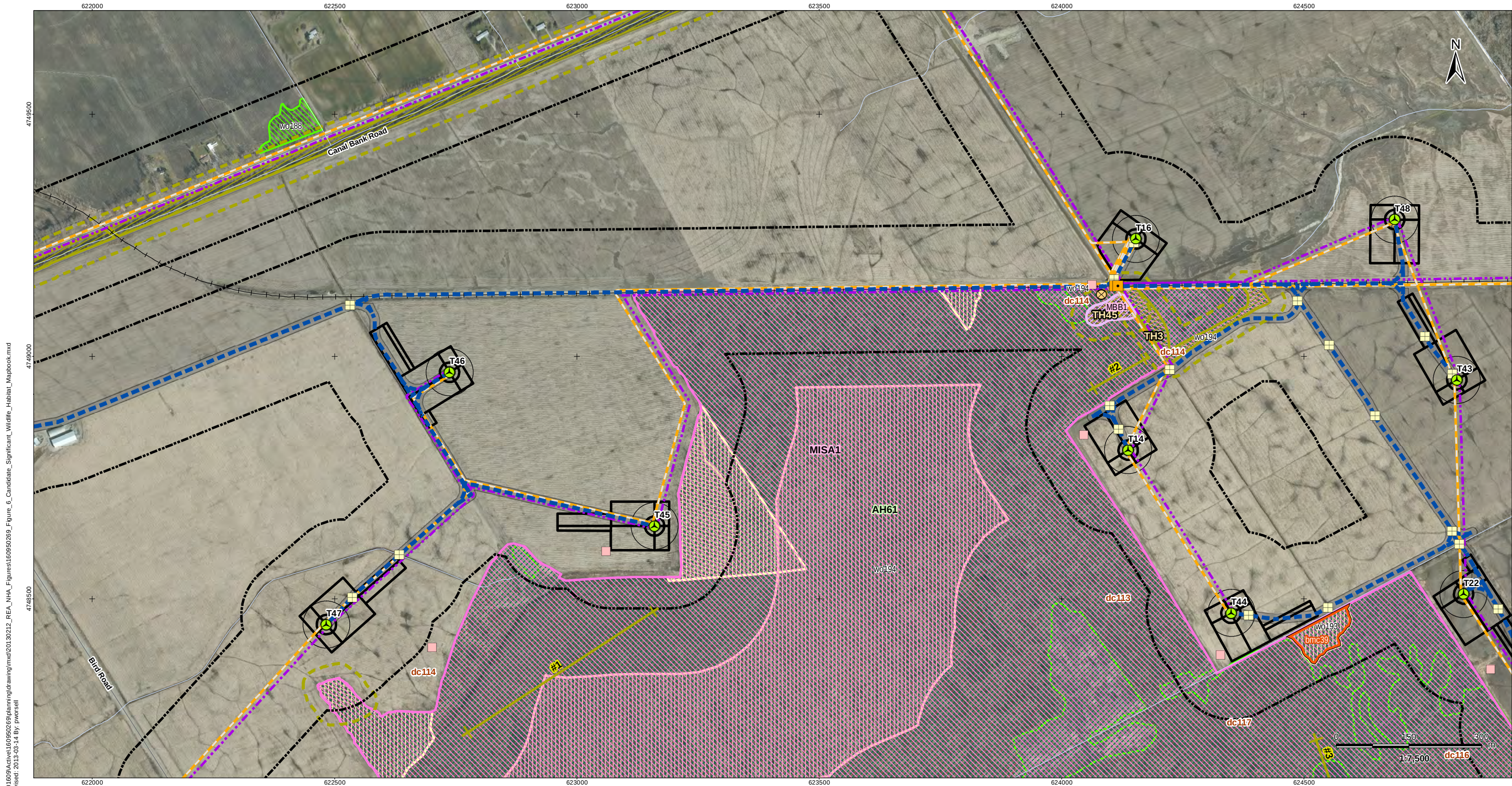
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Figure No.
6.54

Title
**Candidate Significant
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Figure 6.54**



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Revised: 2013-03-14 By: pwr/sell

March, 2013
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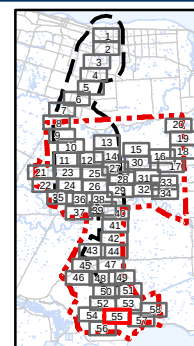


Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Other Rare Vegetation Community		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities		
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas		
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat		
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat		
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat		
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat		
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer		

Notes

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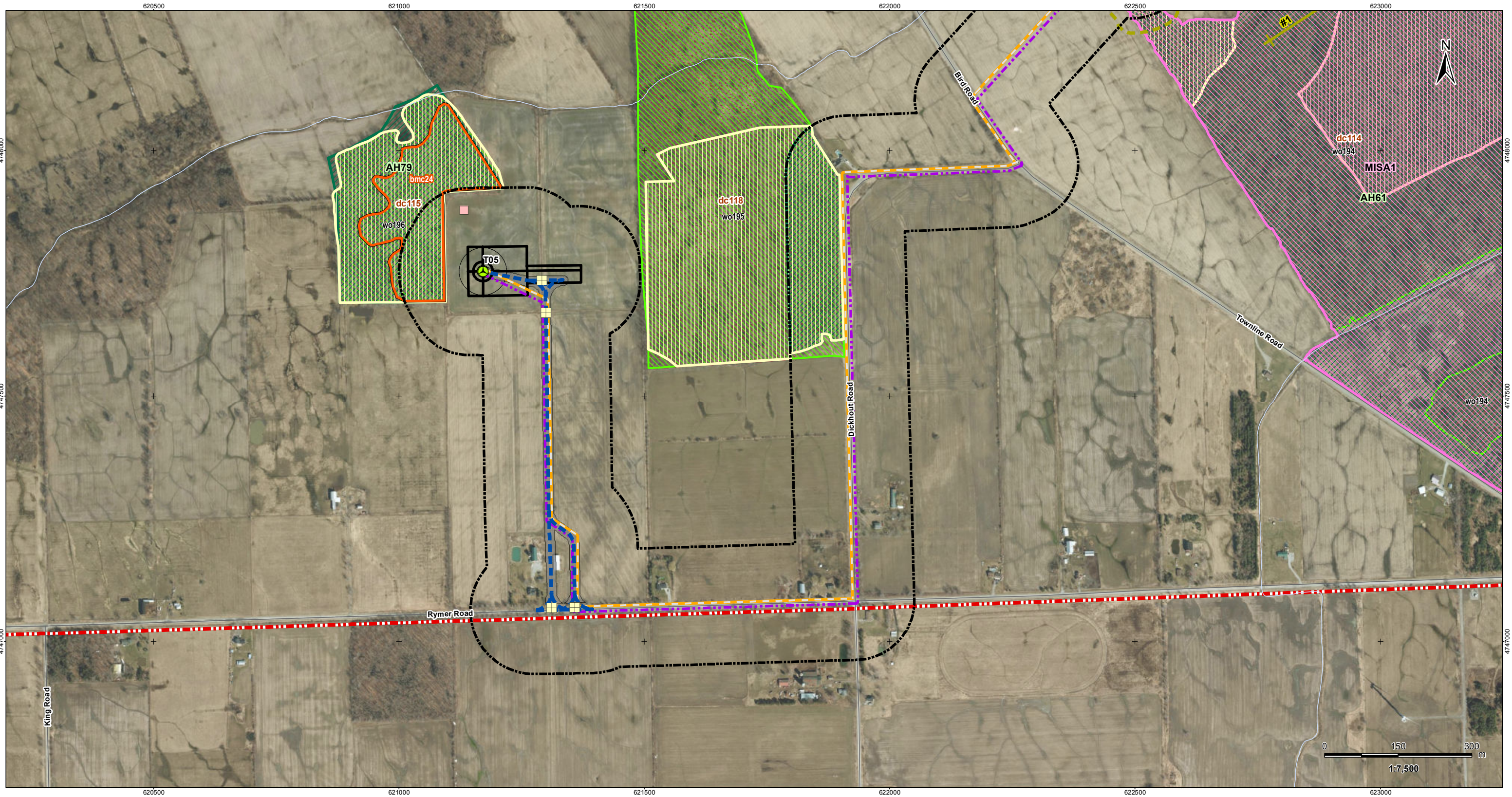


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Figure No.
6.55

Title
**Candidate Significant
Wildlife Habitat
Figure 6.55**

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Revised: 2013-03-25 By: bowper



March, 2013
160950269



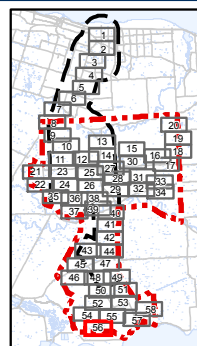
Stantec

Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Bat Maternity Colonies
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Amphibian Breeding Habitat
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Cliff and Talus Communities
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Raptor Wintering Areas
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Woodland Vole Habitat
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Terrestrial Crayfish Habitat
			Transformer Substation		Landbird Migratory Stopover		Turtle Nesting Habitat/Snapping Turtle Habitat
							Turtle Habitat 30m Buffer

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Figure No.

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**Candidate Significant
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Figure 6.56**

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Revised: 2013-03-25 By: bowper



March, 2013
160950269



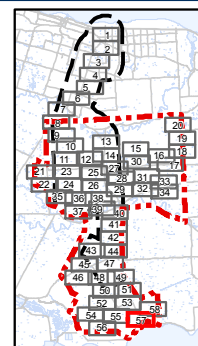
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Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Cliff and Talus Communities
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Raptor Wintering Areas
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Woodland Vole Habitat
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Terrestrial Crayfish Habitat
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Nesting Habitat/Snapping Turtle Habitat
			Transformer Substation		Landbird Migratory Stopover		Turtle Habitat 30m Buffer

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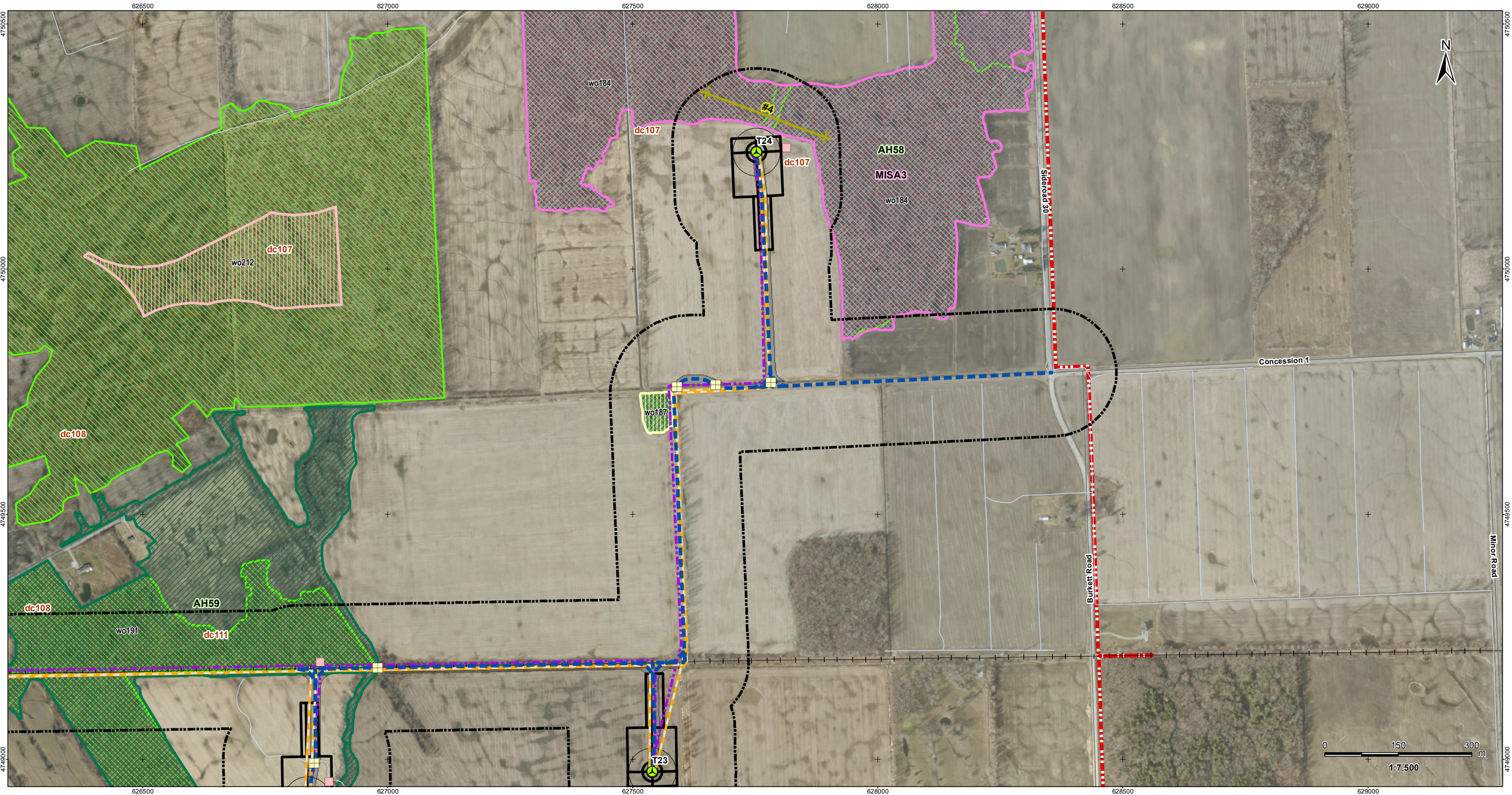
Figure No.

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Title

Candidate Significant
Wildlife Habitat
Figure 6.57

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Revised: 2013-03-25 By: bowper



March, 2013
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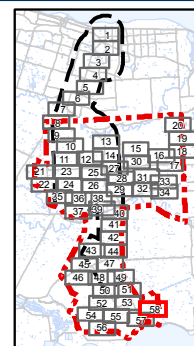
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Legend

	Project Study Area		Preferred Transmission Route		Amphibian Breeding Stations		Turtle Wintering Area
	Interconnector Study Area		Alternate Transmission Route		Snake Hibernacula		Amphibian Breeding Habitat
	120m Zone of Investigation		Temporary Laydown Area		Snake Hibernacula 30m Buffer		Raptor Wintering Areas
	Proposed Turbine Location		Collector Lines – Underground or Overhead		MBB Point Count Location		Woodland Raptor Nesting Habitat/ Woodland Area Sensitive Bird Breeding Habitat
	Turbine Blade Length		Fibre Optic Line		Migratory Bird Transect		Woodland Vole Habitat
	Tap-in Location		Potential Access Road		Winter Raptor Transect		Terrestrial Crayfish Habitat
	Junction Box		Access Road 20m Construction Area		Woodland Communities		Turtle Nesting Habitat/Snapping Turtle Habitat
	Proposed Culvert		Potential Construction Laydown Area		Deer Congregation Areas (MNR)		Turtle Habitat 30m Buffer
			Transformer Substation		Landbird Migratory Stopover		

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