



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

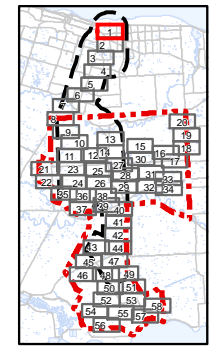


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

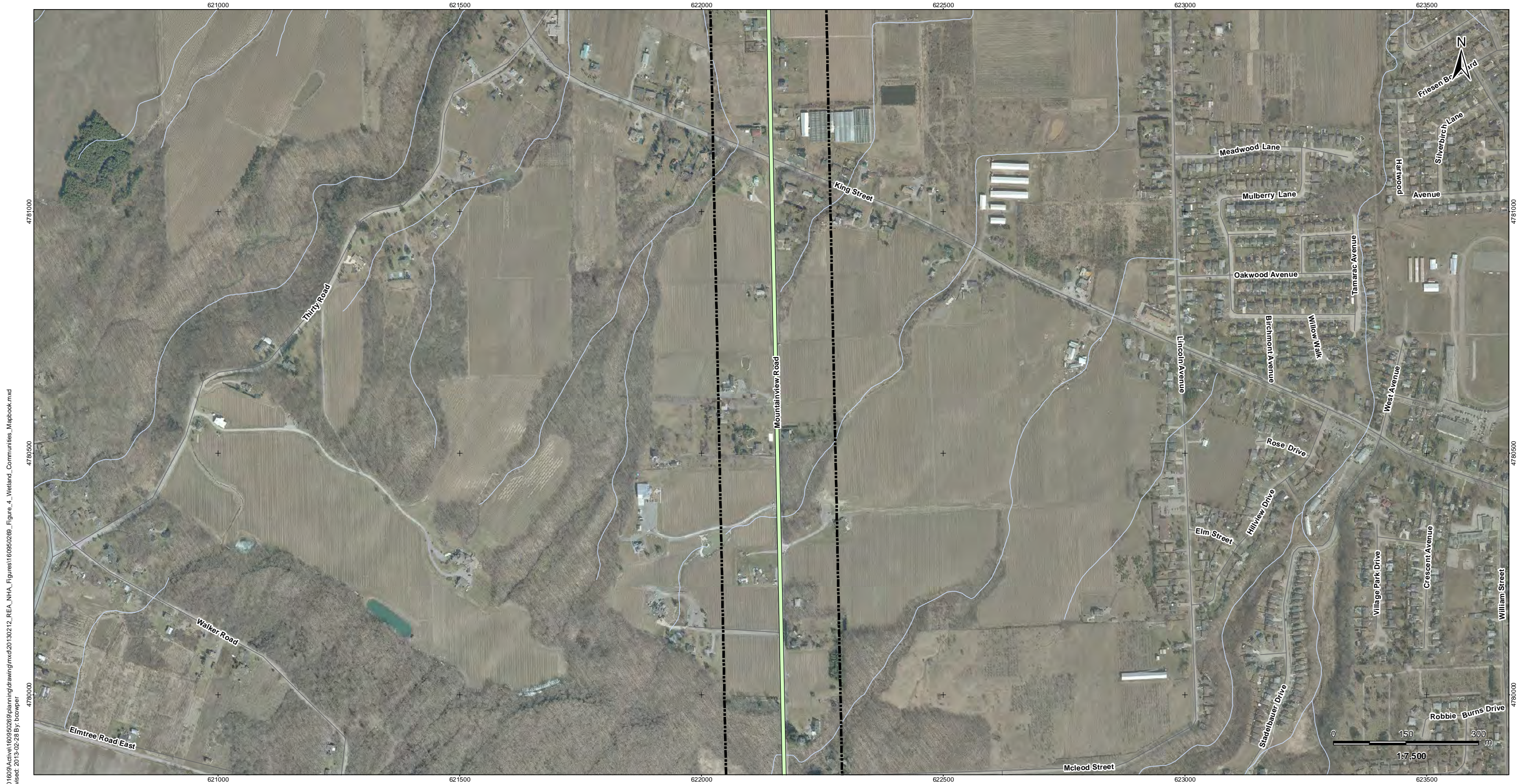
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.1

Title  
**Wetland Communities**  
**Figure 4.1**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

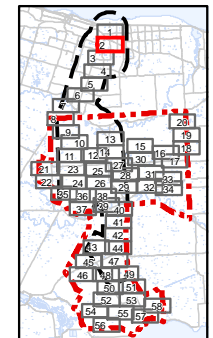


**Legend**

- 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
- Wetland Communities

**Notes**

1. Coordinate System: NAD 1983 UTM Zone 17N).
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
3. Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.2

Title  
**Wetland Communities**  
**Figure 4.2**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

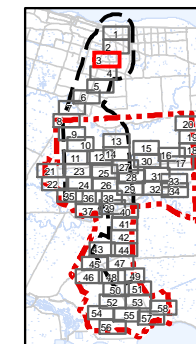


### Legend

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Potential Access Road               | Potential Access Road                     |
| Proposed Culvert             | Access Road 20m Construction Area   | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Potential Construction Laydown Area       |
| Alternate Transmission Route | Transformer Substation              | Transformer Substation                    |
|                              | Wetland Communities                 | Wetland Communities                       |

### Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
Niagara Region Wind Corporation  
Natural Heritage Assessment Report

Figure No.  
4.3

Title  
**Wetland Communities**  
**Figure 4.3**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

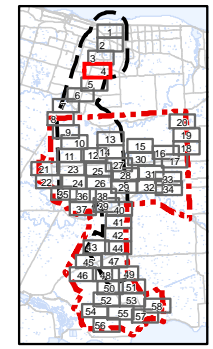


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route | Wetland Communities          | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



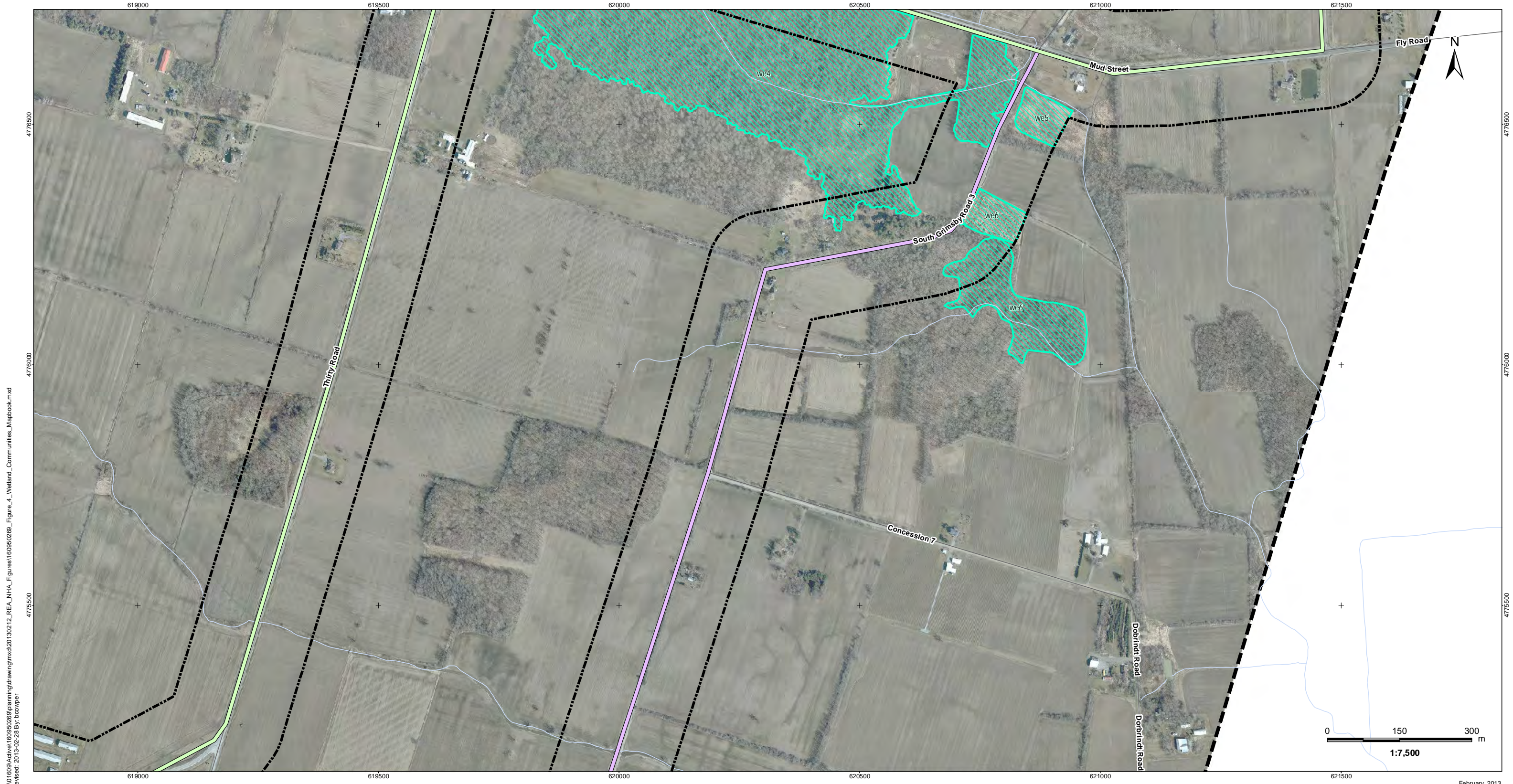
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.4

---

Title  
**Wetland Communities**  
**Figure 4.4**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

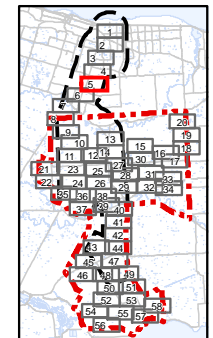


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Proposed Culvert                    | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
|                              | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.5

Title  
**Wetland Communities  
 Figure 4.5**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

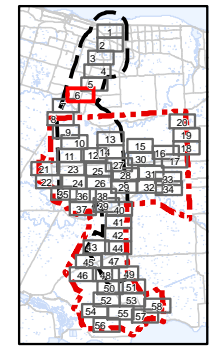


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Potential Access Road               | Potential Access Road                     |
| Proposed Culvert             | Access Road 20m Construction Area   | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Potential Construction Laydown Area       |
| Alternate Transmission Route | Transformer Substation              | Transformer Substation                    |
|                              | Wetland Communities                 | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



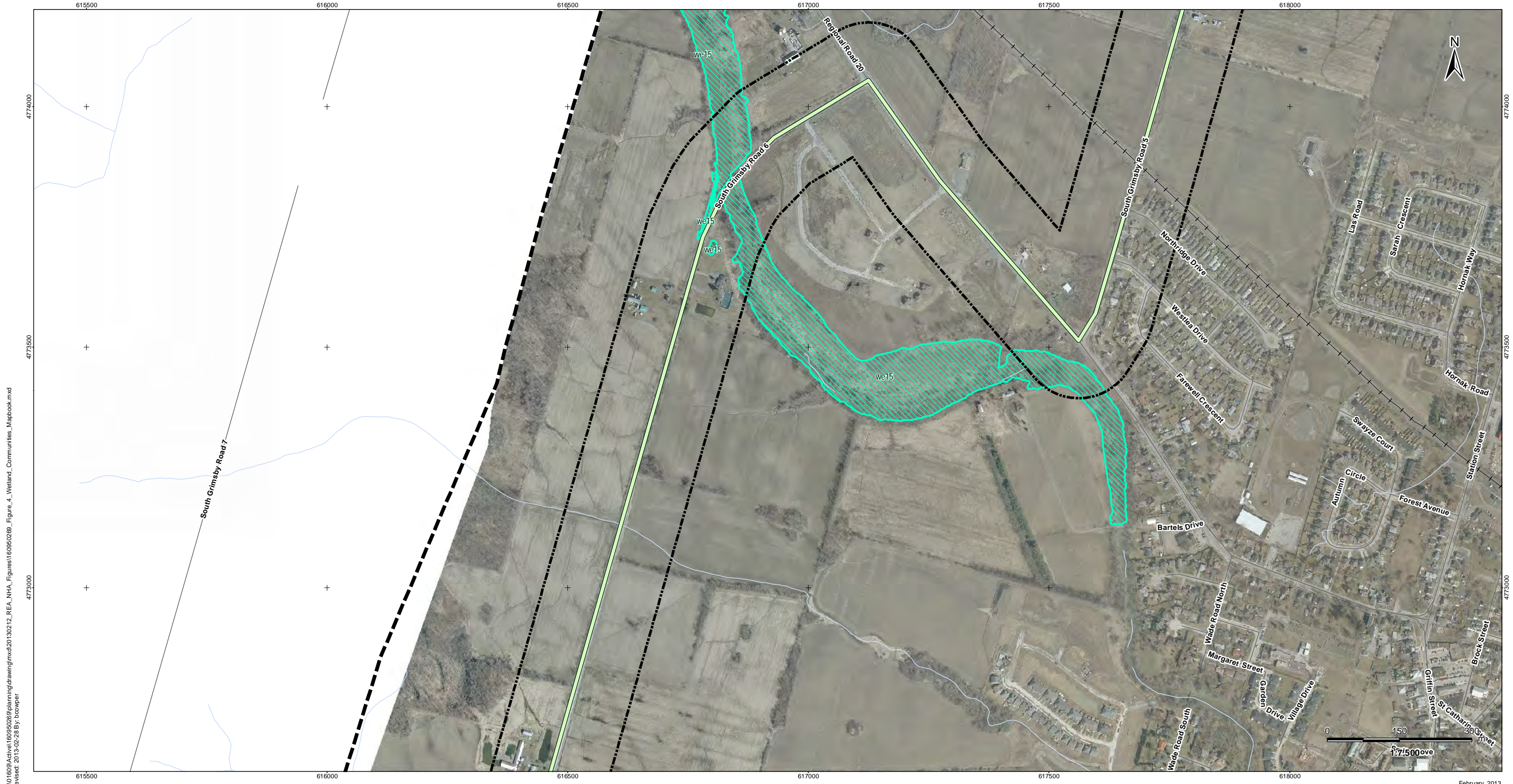
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.6

---

Title  
**Wetland Communities**  
**Figure 4.6**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

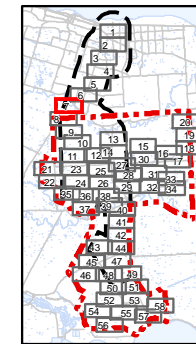


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route | Wetland Communities          | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |

**Notes**

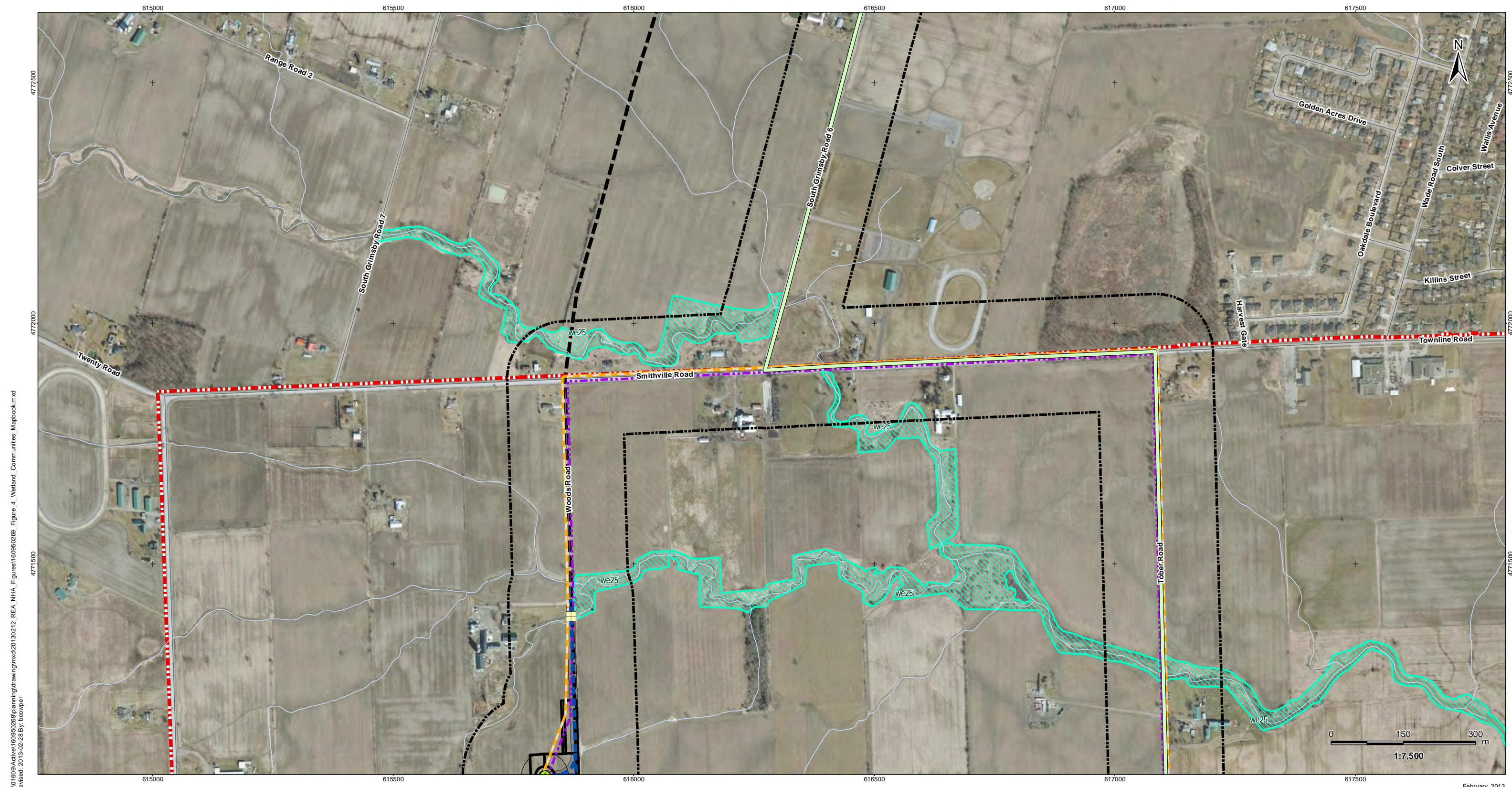
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.7

Title  
**Wetland Communities  
 Figure 4.7**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

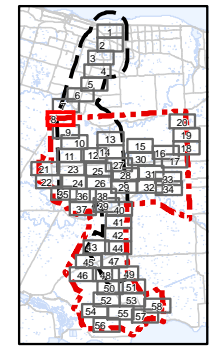


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Proposed Culvert                    | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
|                              | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

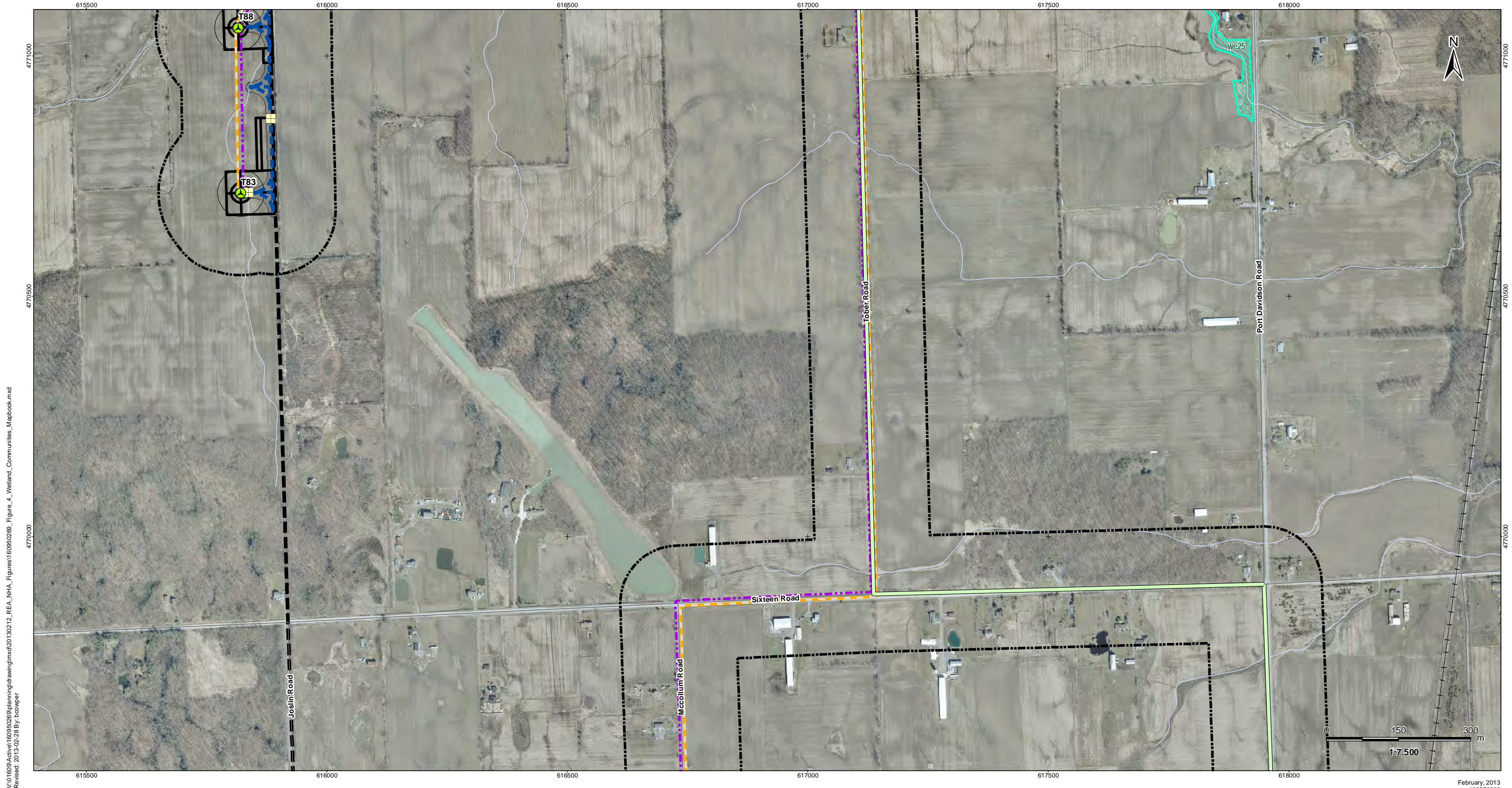


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.8

Title  
**Wetland Communities  
 Figure 4.8**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

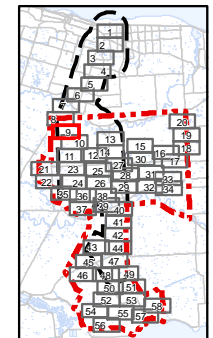


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



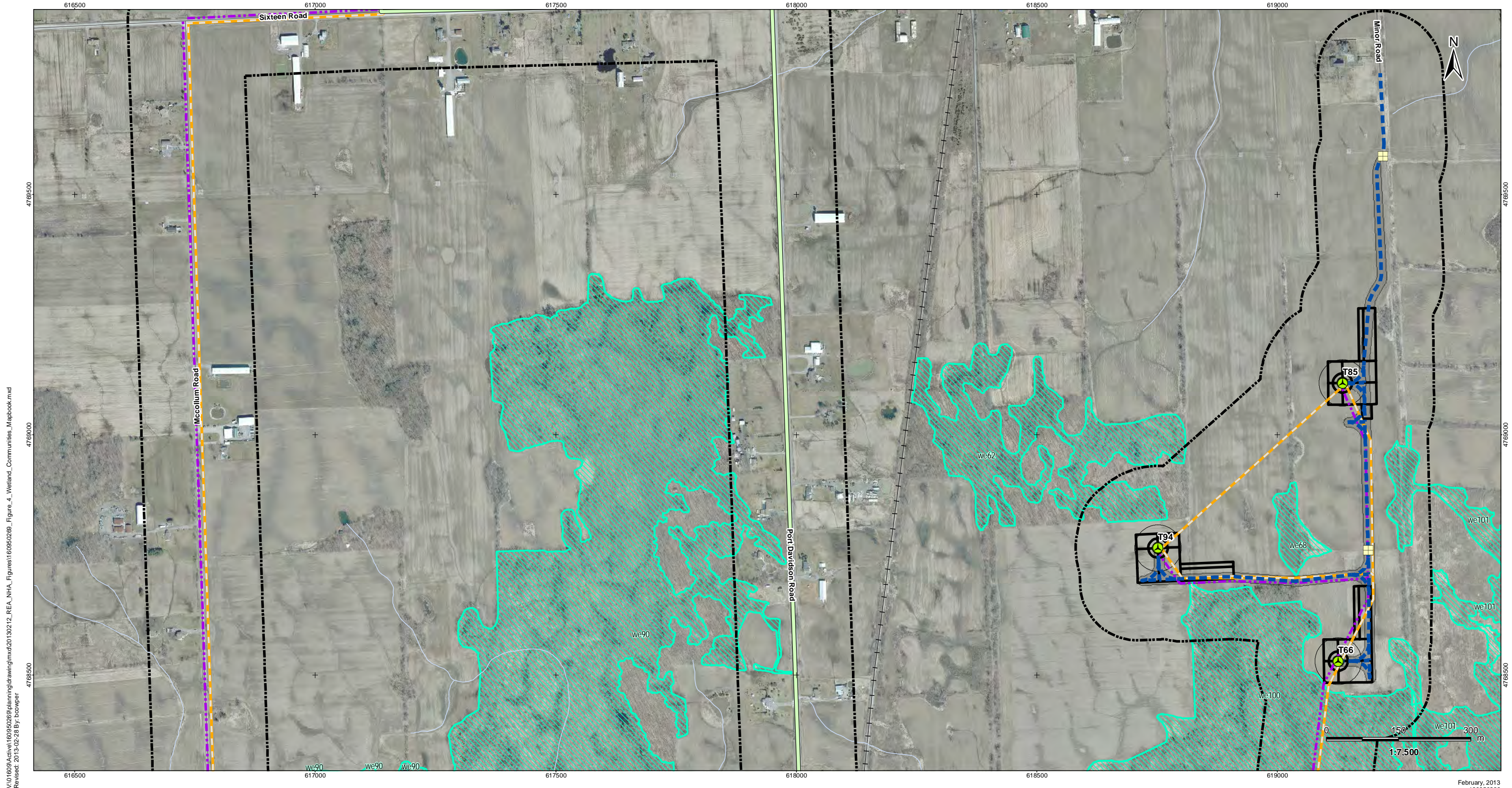
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.9

---

Title  
**Wetland Communities**  
**Figure 4.9**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

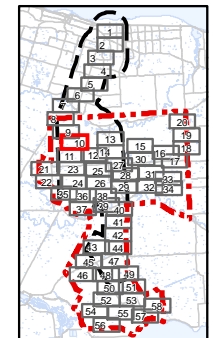


**Legend**

- |                              |                                   |   |
|------------------------------|-----------------------------------|---|
| Project Study Area           | Proposed Turbine Location         | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length              | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                   | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                  | Potential Access Road                     |
| Preferred Transmission Route | Access Road 20m Construction Area | Potential Construction Laydown Area       |
| Alternate Transmission Route | Transformer Substation            | Wetland Communities                       |

**Notes**

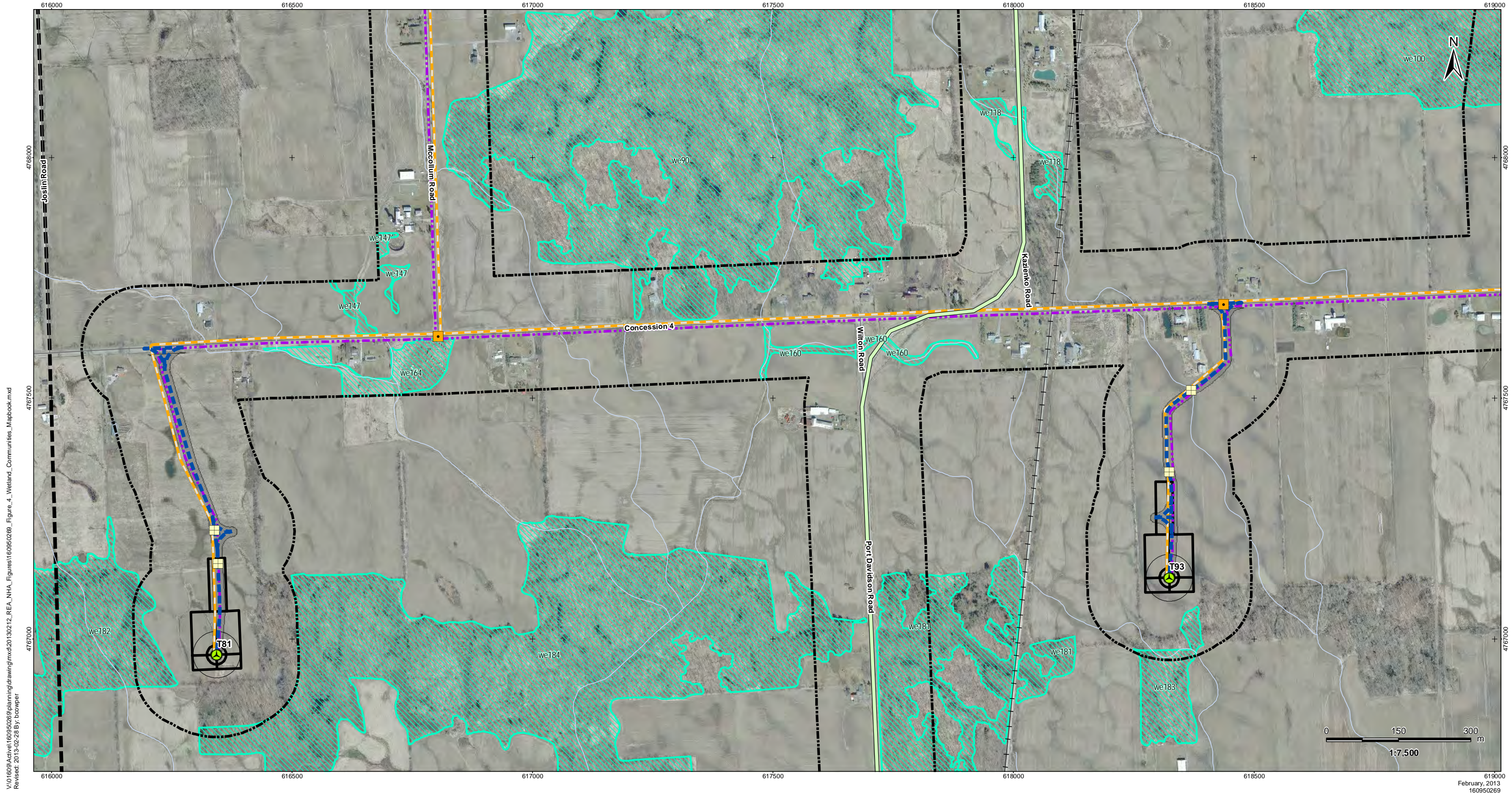
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.10

Title  
**Wetland Communities**  
**Figure 4.10**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
 160950269

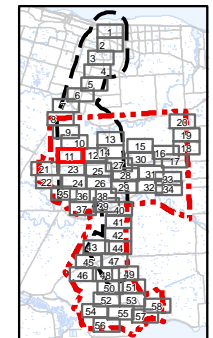


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



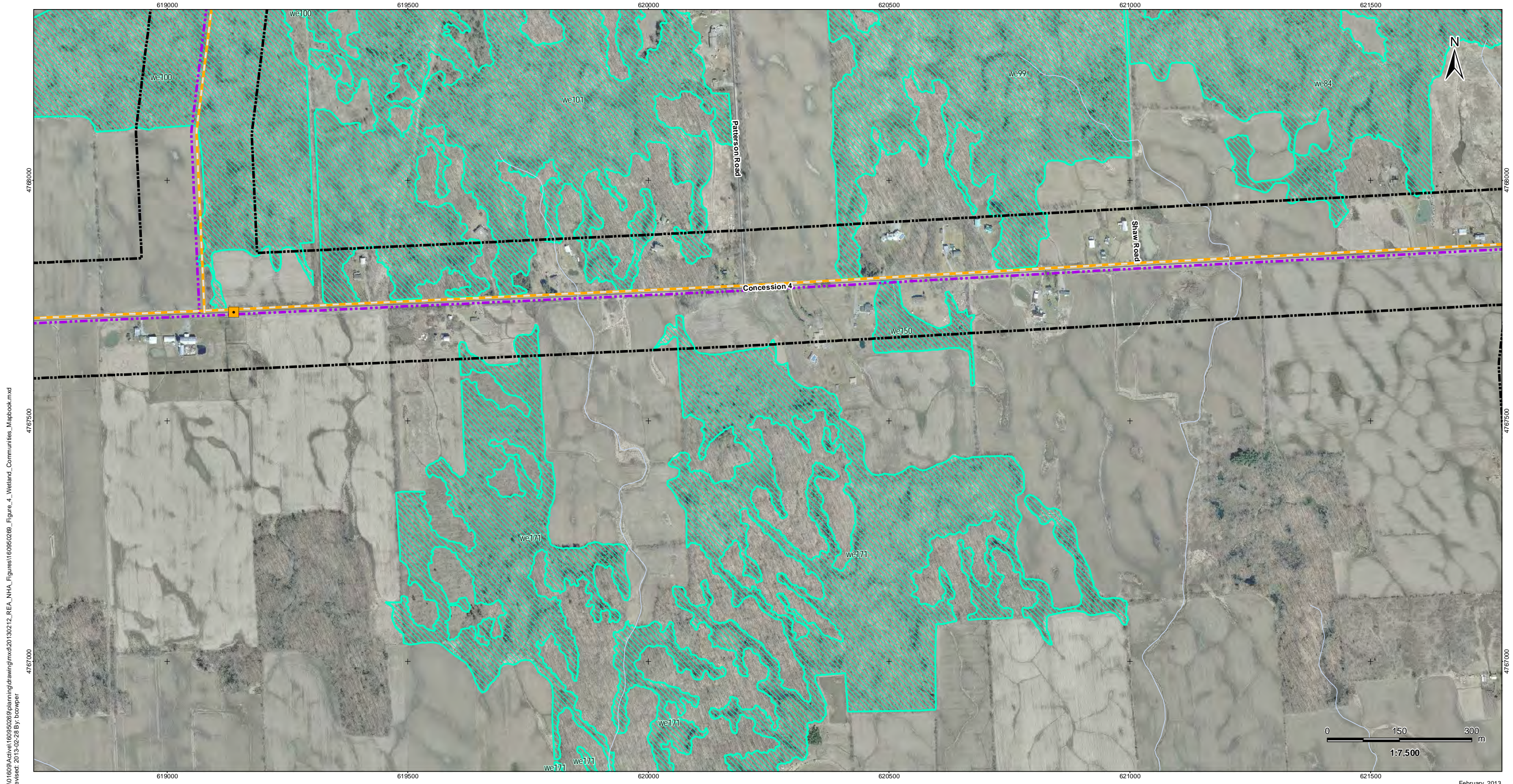
Client/Project  
**Niagara Region Wind Corporation  
 Natural Heritage Assessment Report**

---

Figure No.  
**4.11**

---

Title  
**Wetland Communities  
 Figure 4.11**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

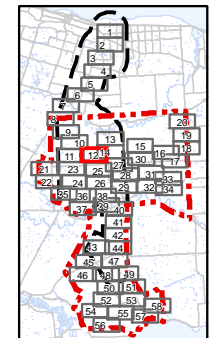


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

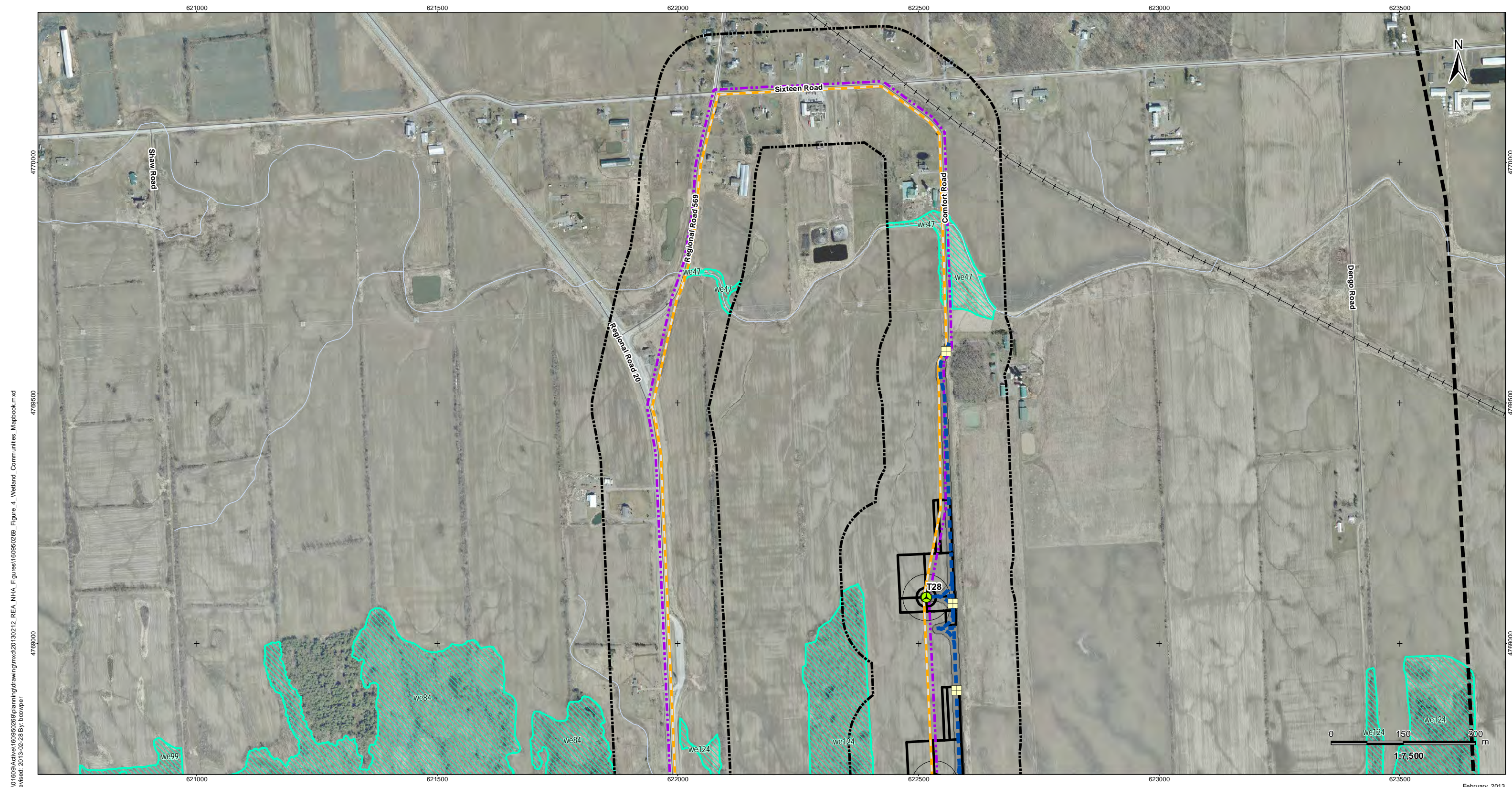
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.12

Title  
**Wetland Communities**  
**Figure 4.12**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

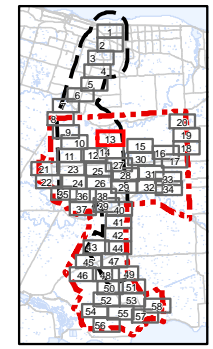


**Legend**

- |                              |                                   |   |
|------------------------------|-----------------------------------|---|
| Project Study Area           | Proposed Turbine Location         | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length              | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                   | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                  | Potential Access Road                     |
| Preferred Transmission Route | Access Road 20m Construction Area | Potential Construction Laydown Area       |
| Alternate Transmission Route | Transformer Substation            | Wetland Communities                       |

**Notes**

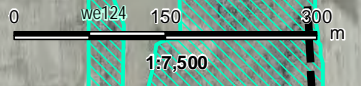
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

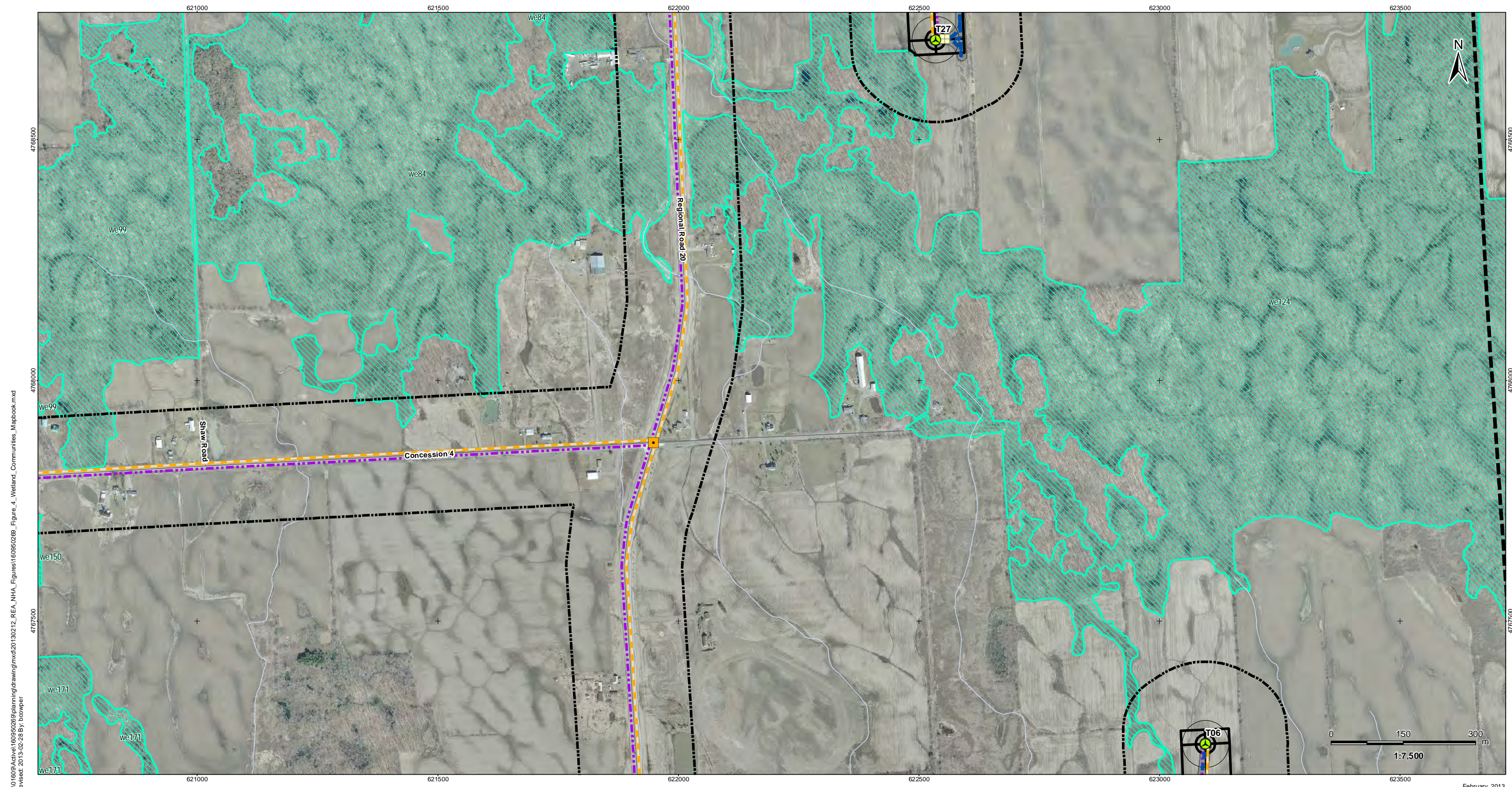


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.13

Title  
**Wetland Communities**  
**Figure 4.13**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

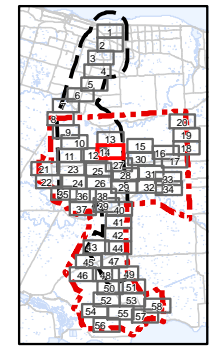


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

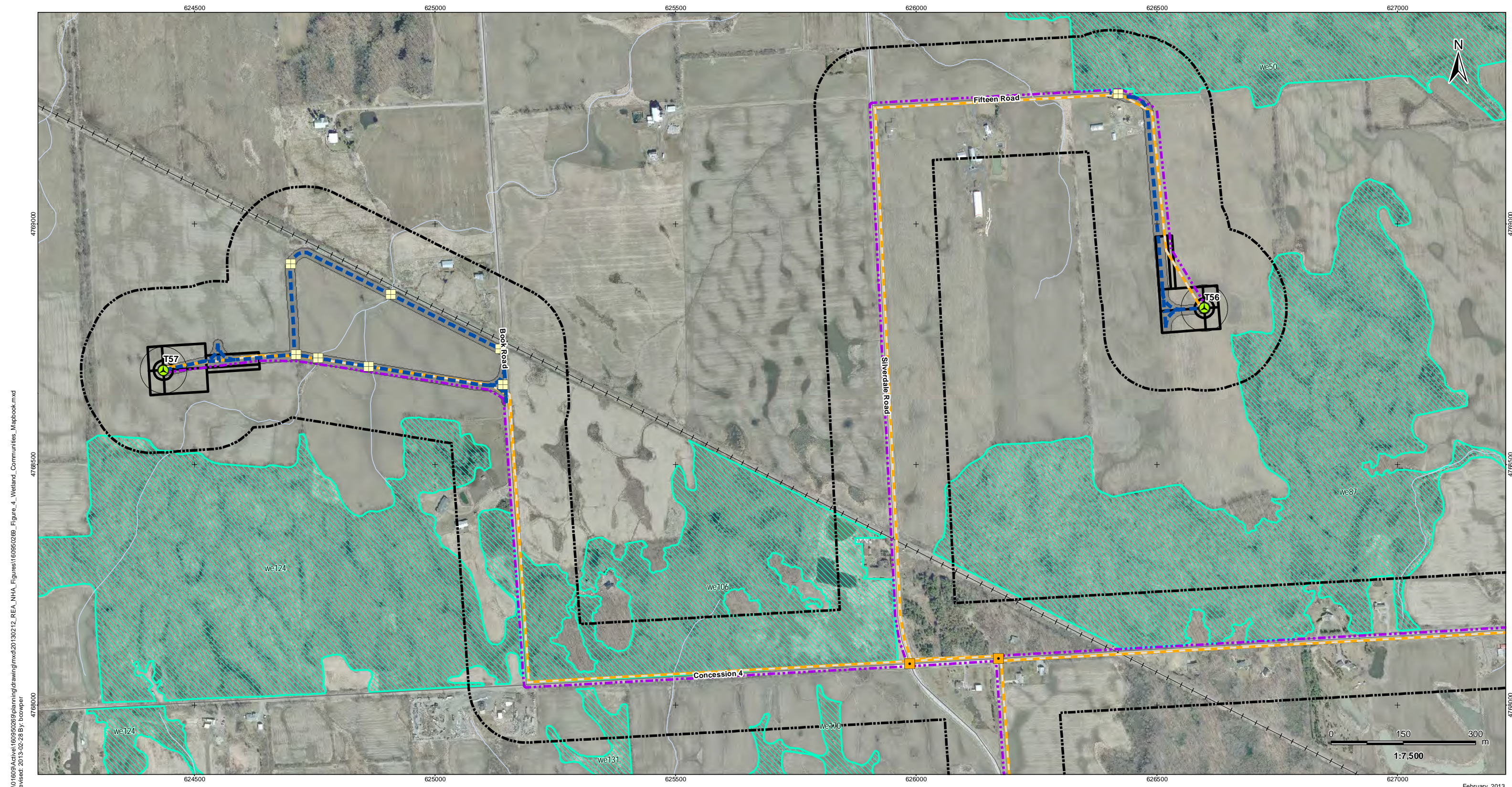
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.14

Title  
**Wetland Communities**  
**Figure 4.14**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

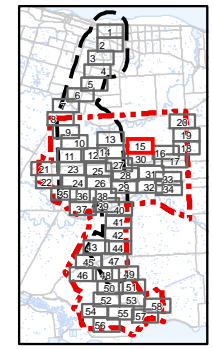


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
|                              | Junction Box                 | Potential Access Road                     |
|                              | Proposed Culvert             | Access Road 20m Construction Area         |
| Preferred Transmission Route | Alternate Transmission Route | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

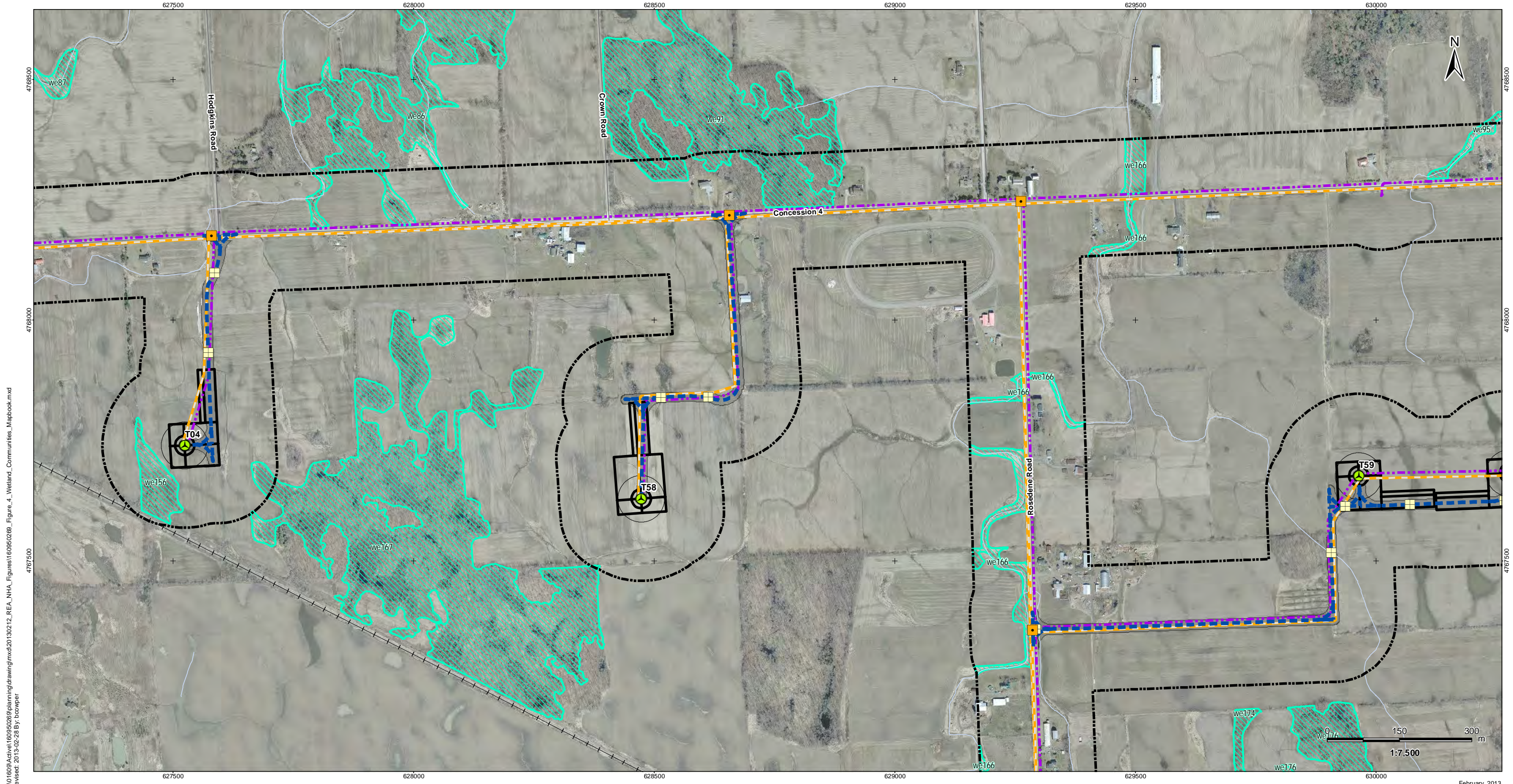
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.15

Title  
**Wetland Communities  
 Figure 4.15**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

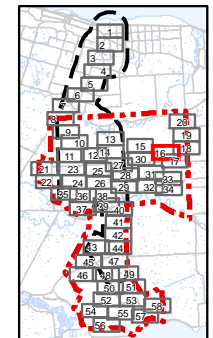


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

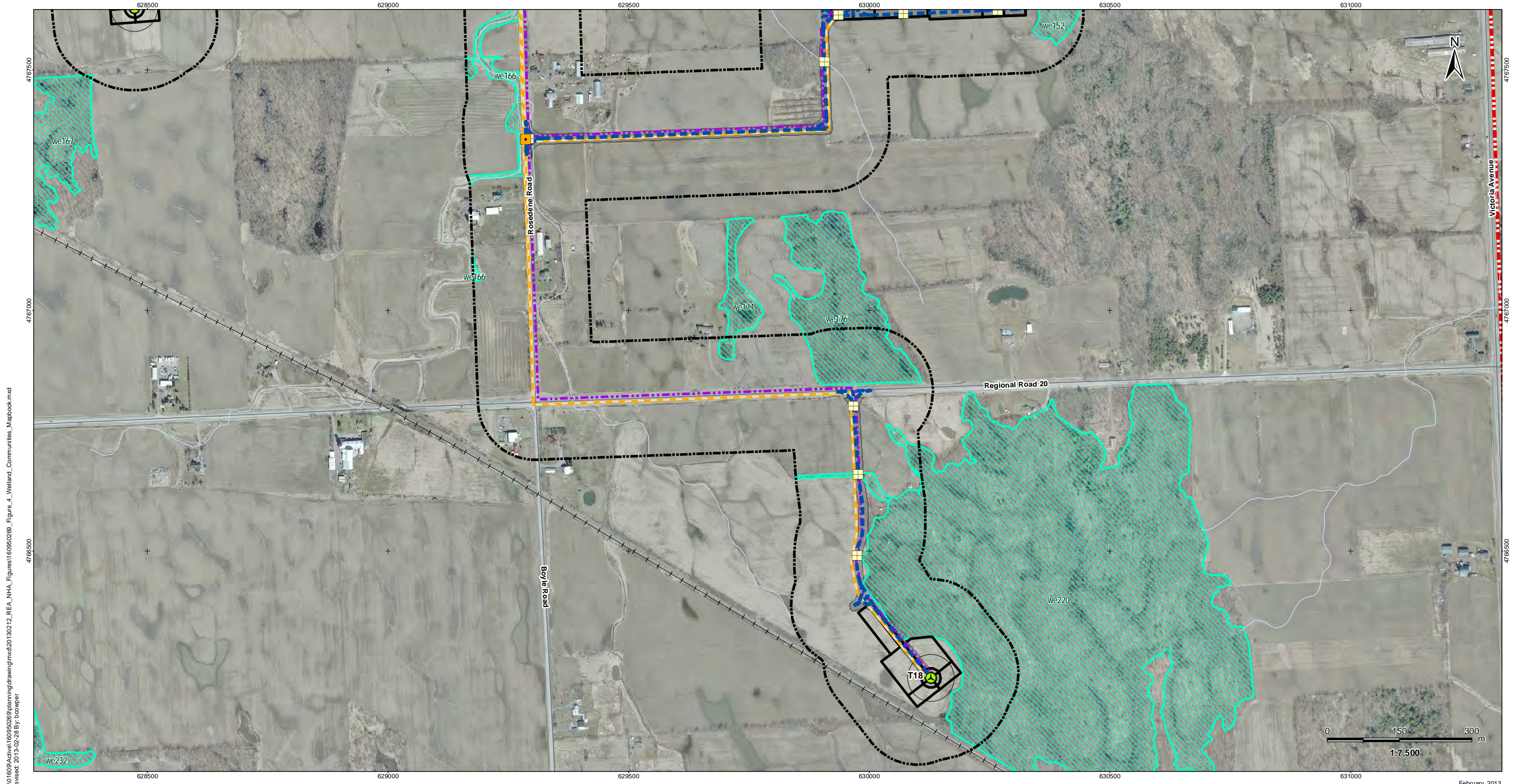


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.16

Title  
**Wetland Communities**  
**Figure 4.16**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

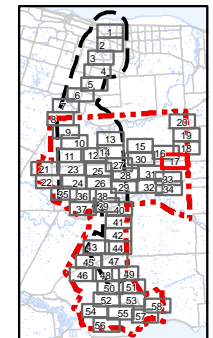


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



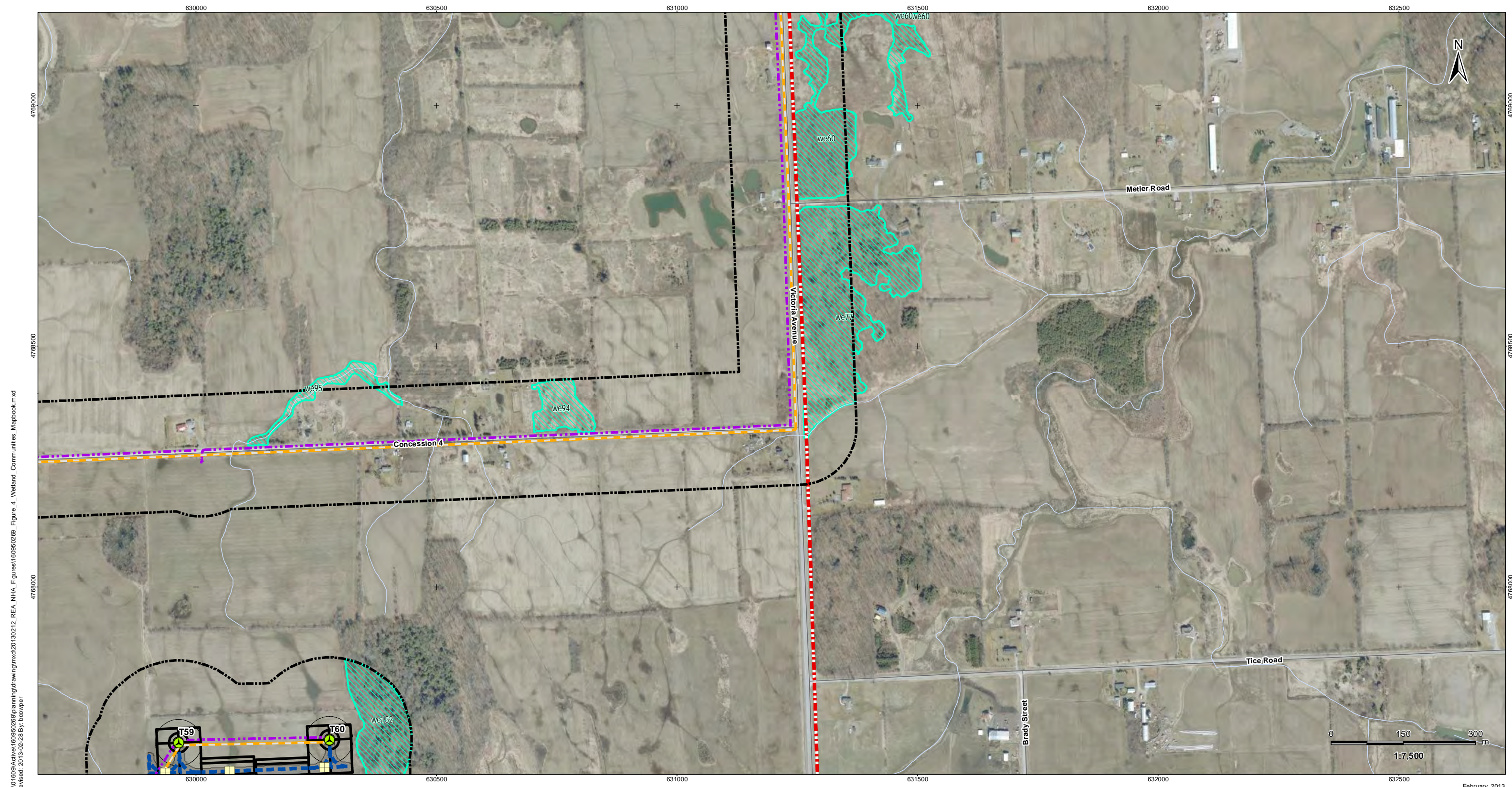
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.17

---

Title  
**Wetland Communities  
 Figure 4.17**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

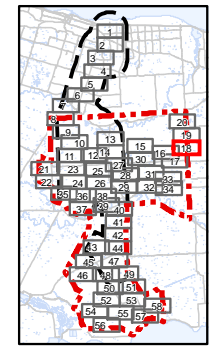


**Legend**

- 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
- Wetland Communities

**Notes**

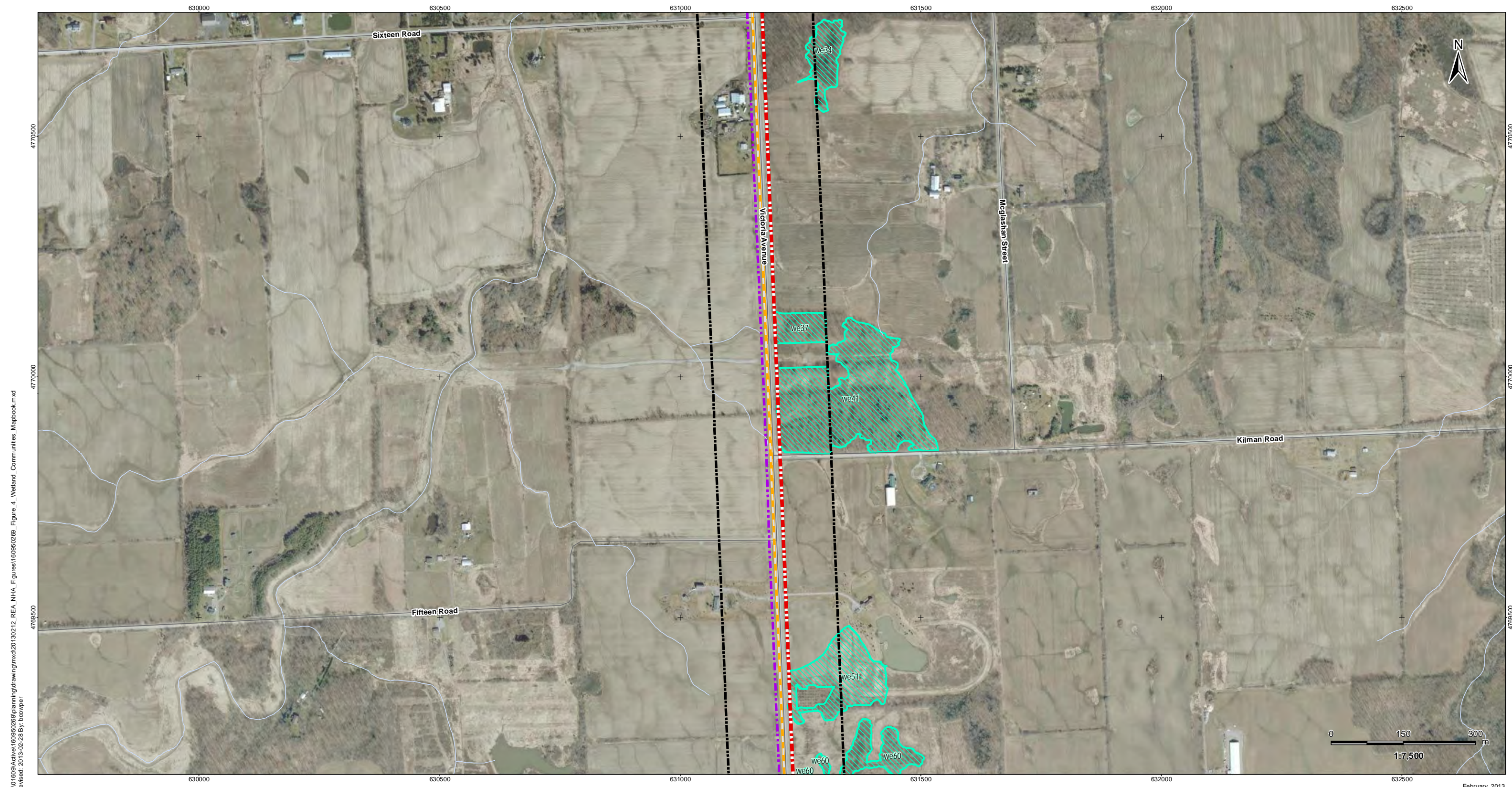
1. Coordinate System: NAD 1983 UTM Zone 17N).
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
3. Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.18

Title  
**Wetland Communities**  
**Figure 4.18**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

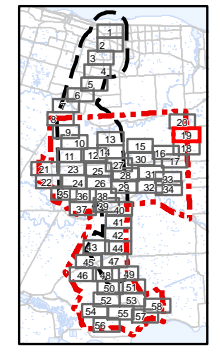


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



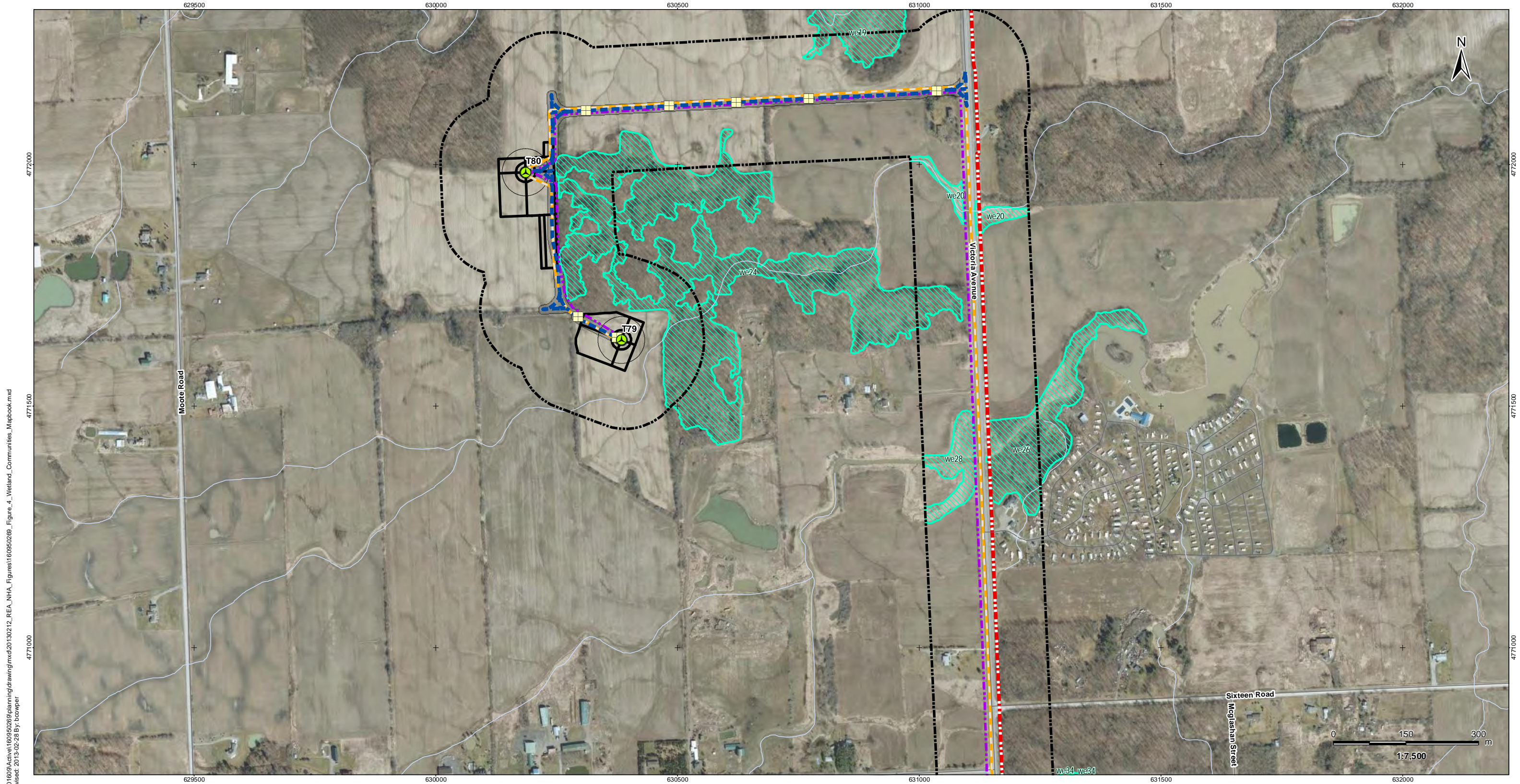
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.19

---

Title  
**Wetland Communities**  
**Figure 4.19**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

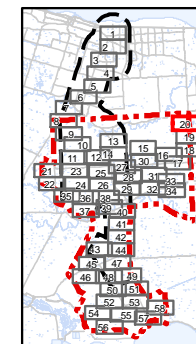


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

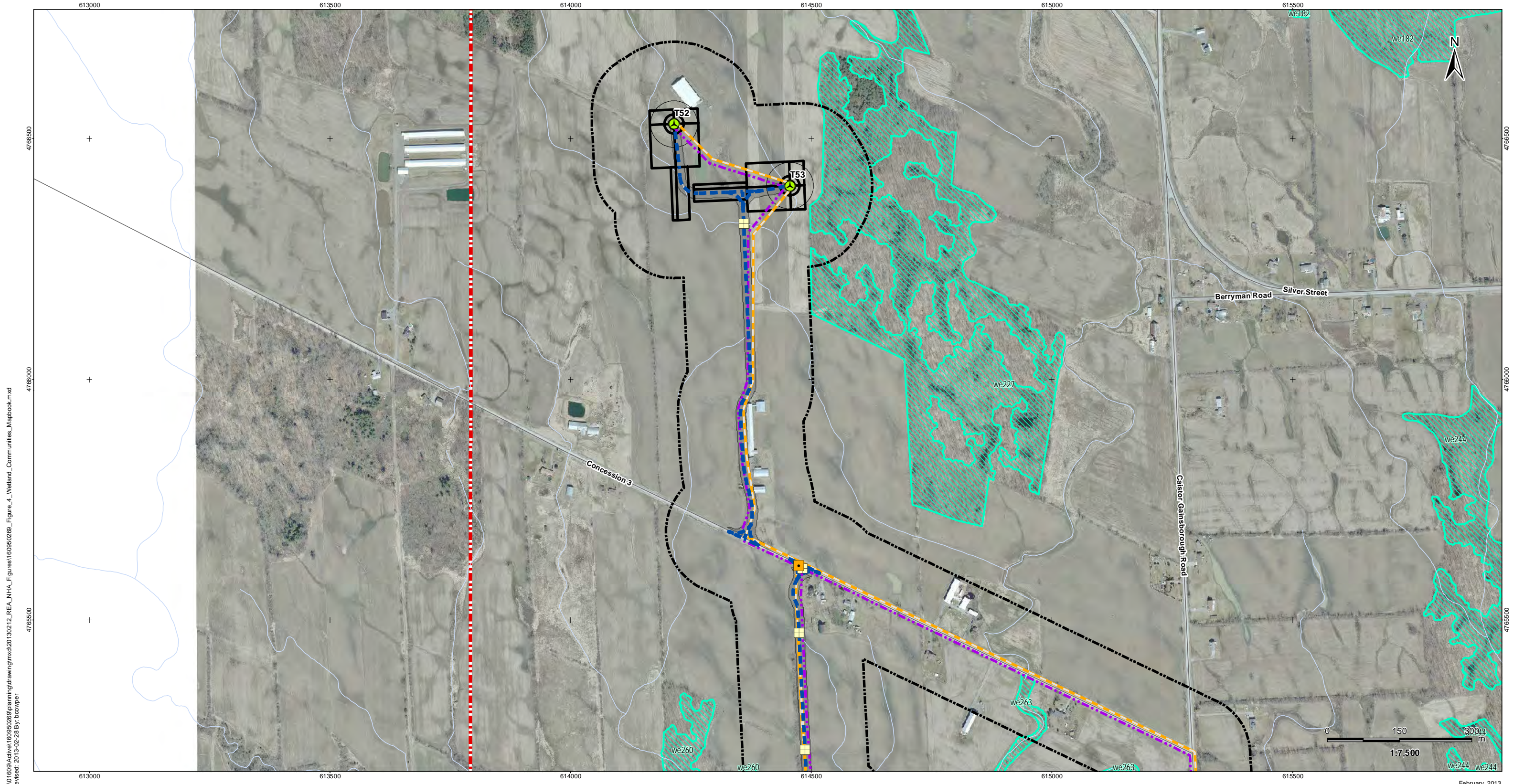
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
Niagara Region Wind Corporation  
Natural Heritage Assessment Report

Figure No.  
4.20

Title  
**Wetland Communities  
Figure 4.20**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

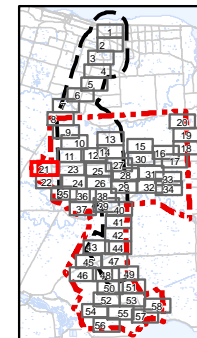


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route | Transformer Substation       | Potential Construction Laydown Area       |
|                              | Wetland Communities          |   |

**Notes**

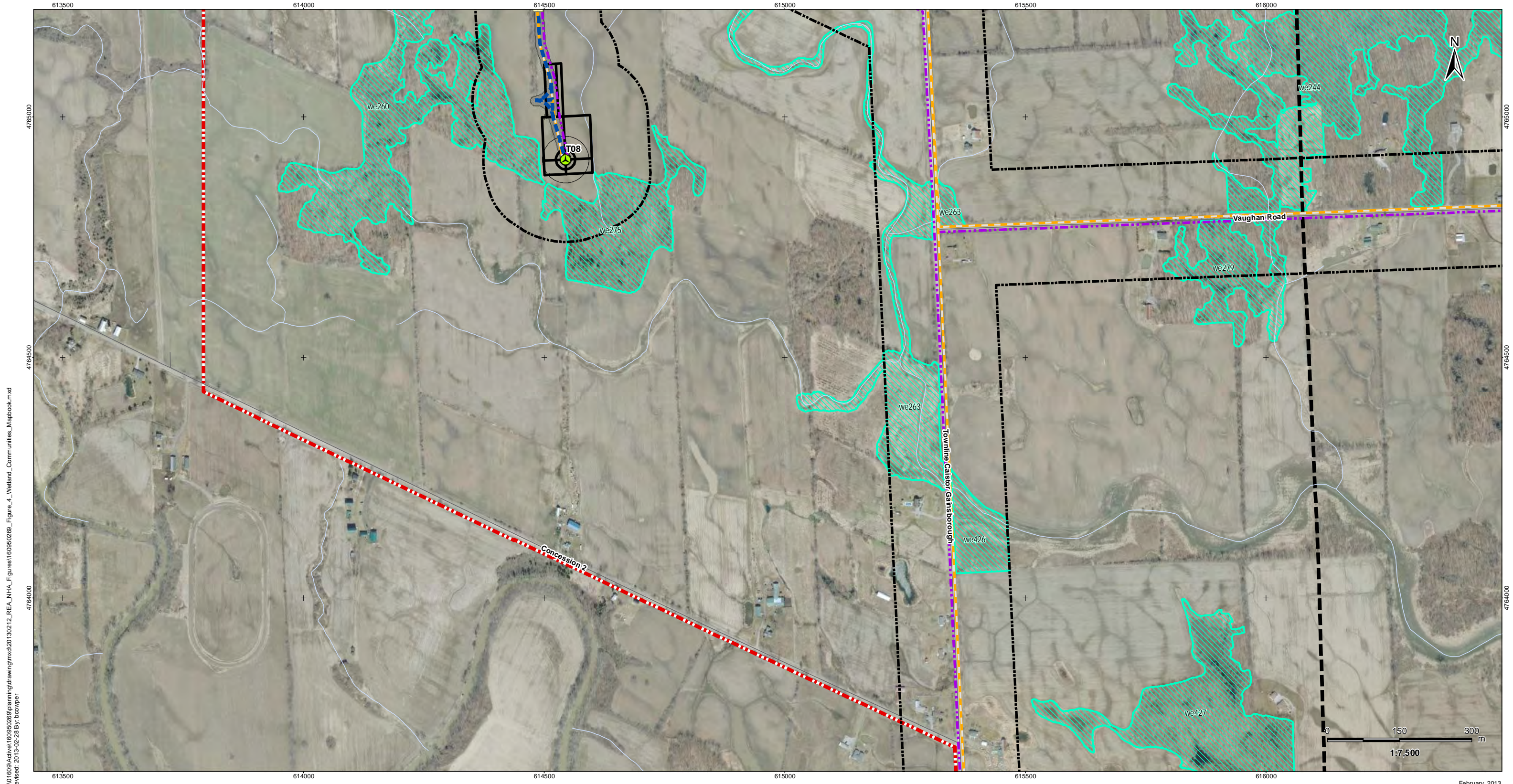
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.21

Title  
**Wetland Communities**  
**Figure 4.21**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

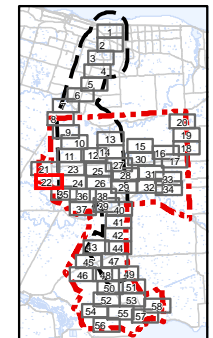


**Legend**

- |  |                            |  |                              |  |   |
|--|----------------------------|--|------------------------------|--|---|
|  | Project Study Area         |  | Proposed Turbine Location    |  | Temporary Laydown Area                    |
|  | Interconnector Study Area  |  | Turbine Blade Length         |  | Collector Lines – Underground or Overhead |
|  | 120m Zone of Investigation |  | Tap-in Location              |  | Fibre Optic Line                          |
|  |                            |  | Junction Box                 |  | Potential Access Road                     |
|  |                            |  | Proposed Culvert             |  | Access Road 20m Construction Area         |
|  |                            |  | Preferred Transmission Route |  | Potential Construction Laydown Area       |
|  |                            |  | Alternate Transmission Route |  | Transformer Substation                    |
|  |                            |  |                              |  | Wetland Communities                       |

**Notes**

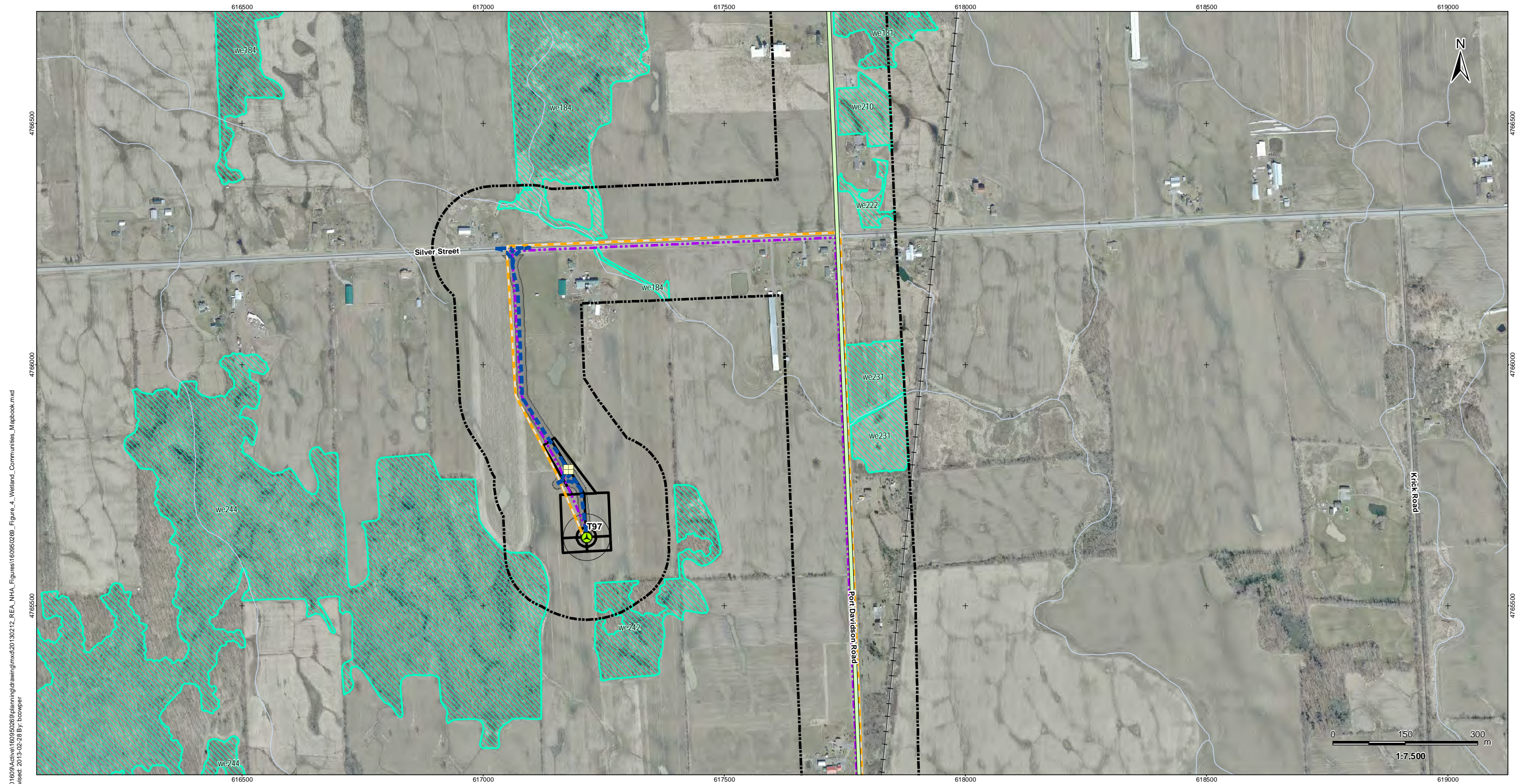
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.22

Title  
**Wetland Communities**  
**Figure 4.22**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

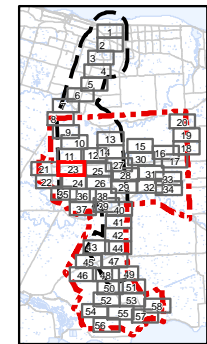


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Potential Construction Laydown Area | Access Road 20m Construction Area         |
| Alternate Transmission Route | Transformer Substation              | Wetland Communities                       |

**Notes**

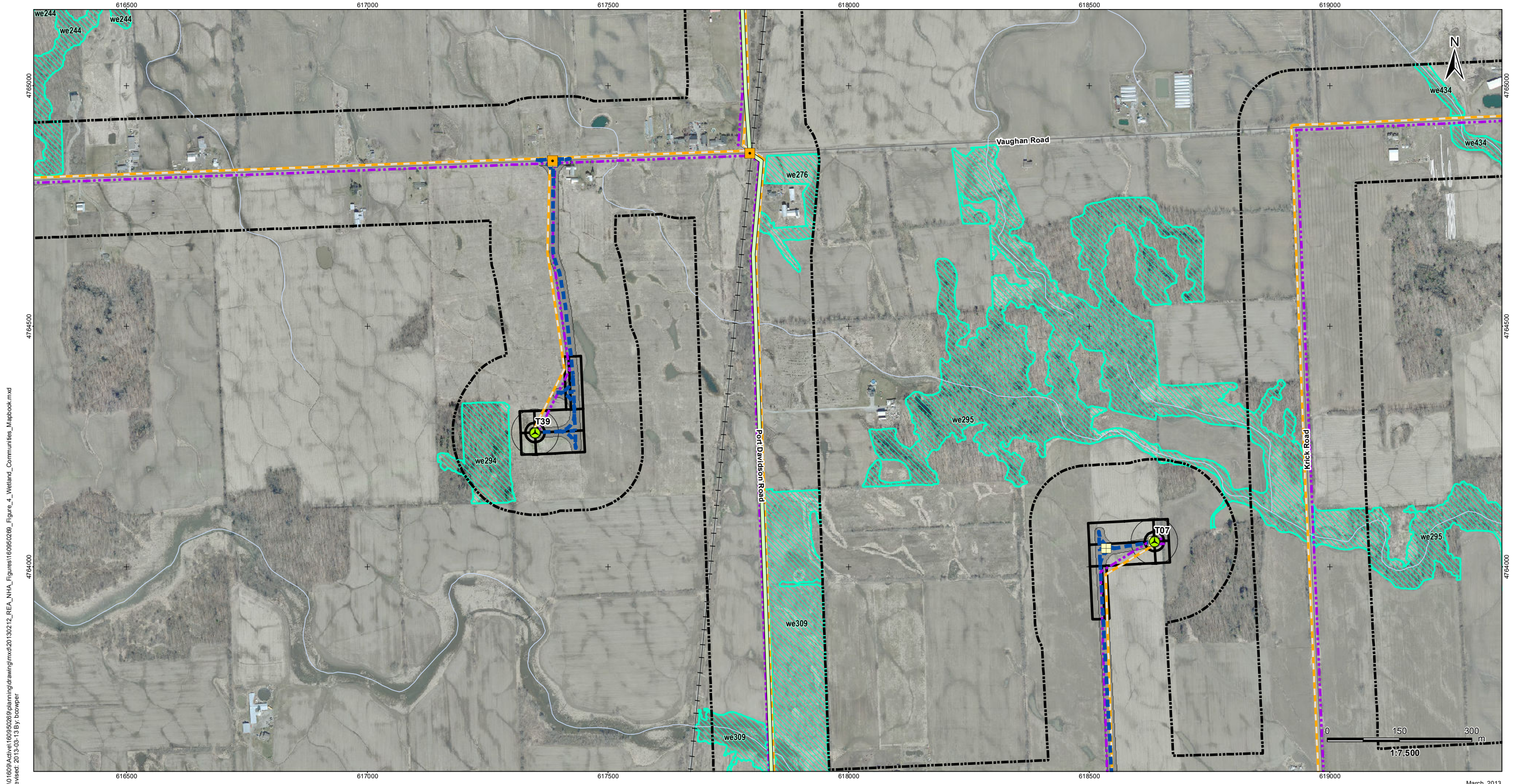
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.23

Title  
**Wetland Communities**  
**Figure 4.23**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-03-13 By: bowper

March, 2013  
160950269

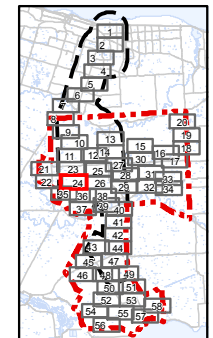


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

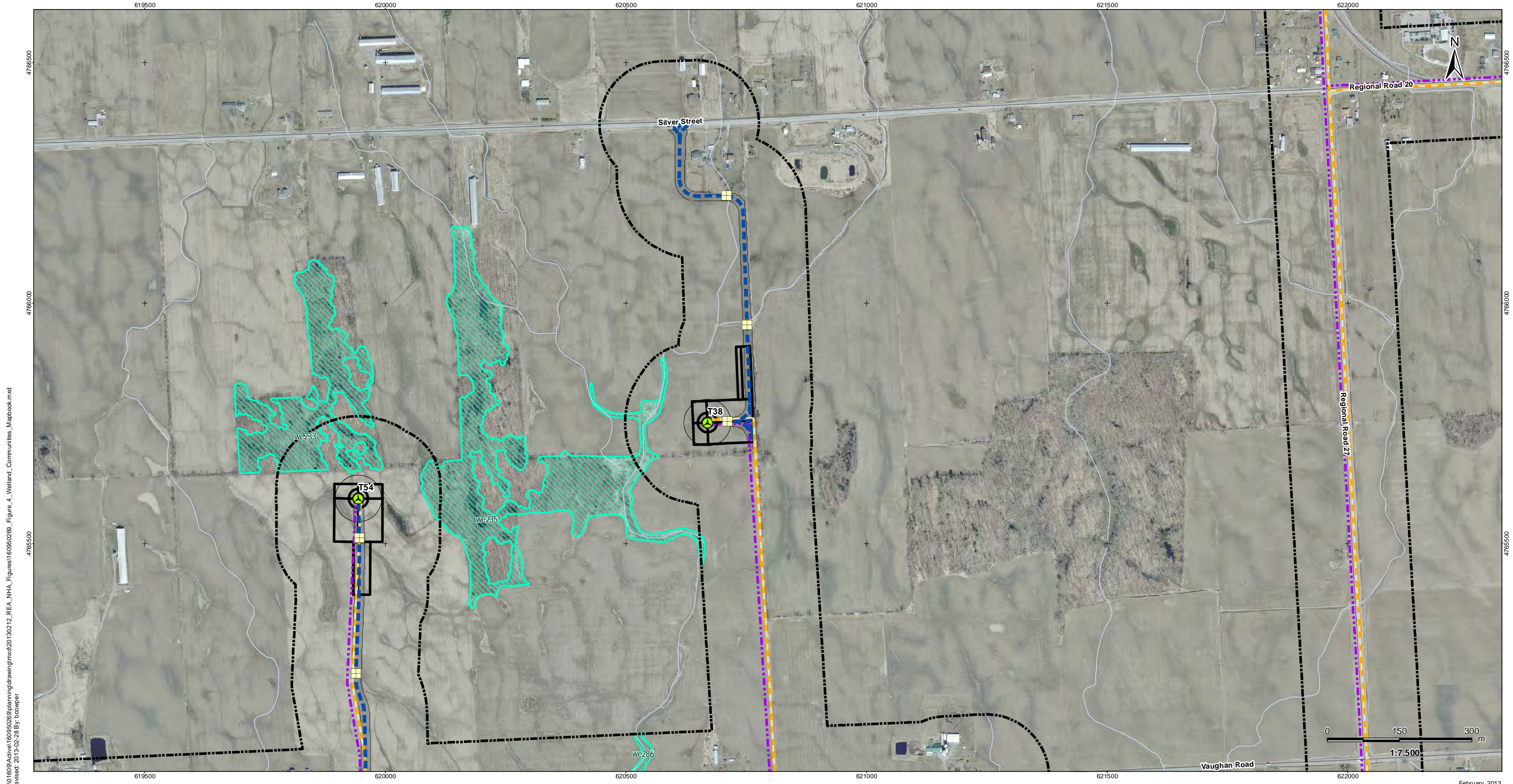


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.24

Title  
**Wetland Communities**  
**Figure 4.24**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

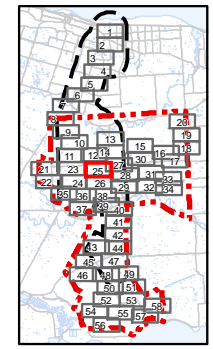


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Proposed Culvert                    | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
|                              | Wetland Communities                 |   |

**Notes**

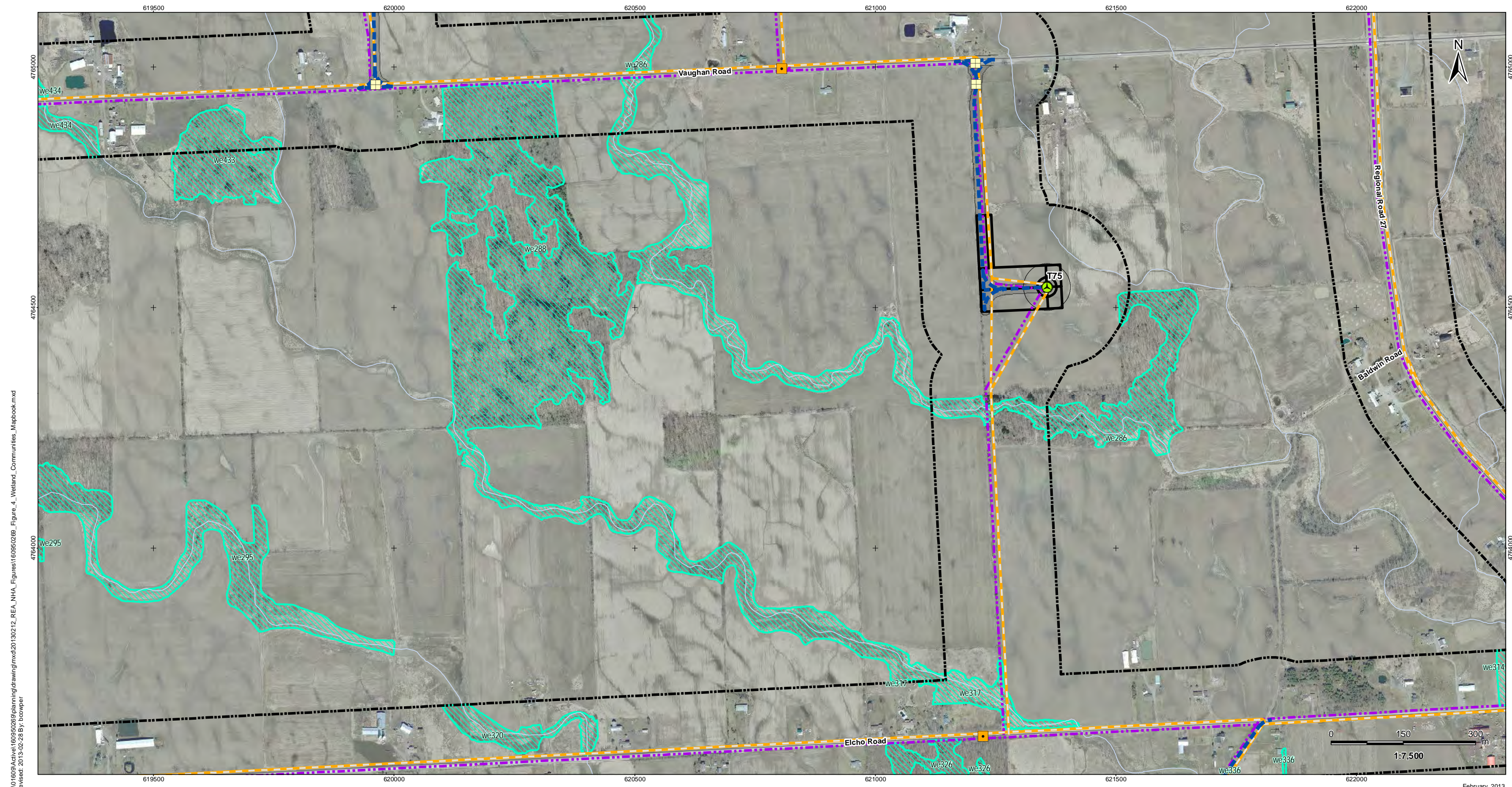
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.25

Title  
**Wetland Communities**  
**Figure 4.25**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

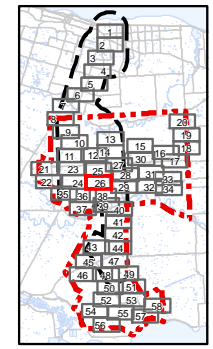


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Proposed Culvert                    | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
|                              | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



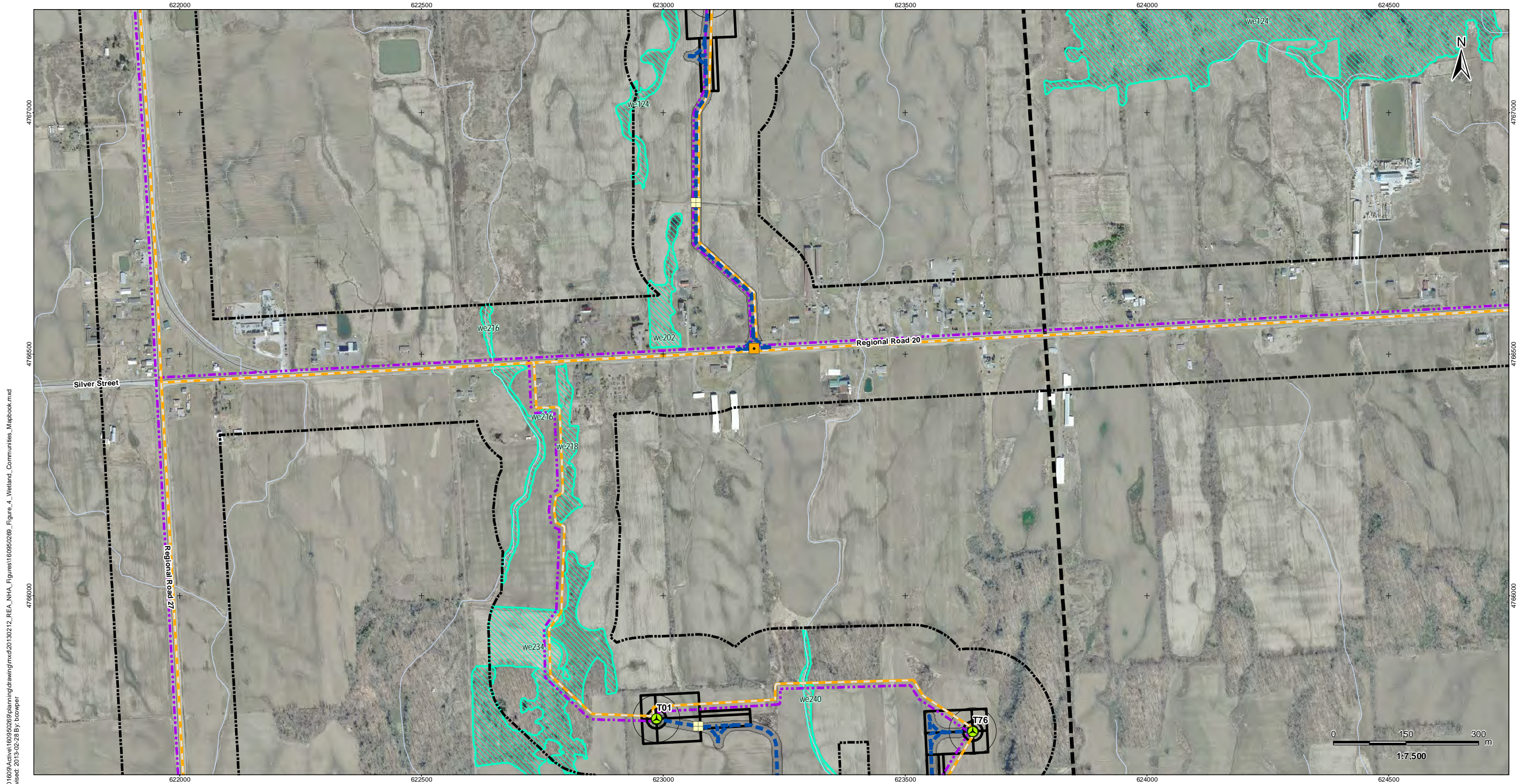
Client/Project  
**Niagara Region Wind Corporation  
 Natural Heritage Assessment Report**

---

Figure No.  
**4.26**

---

Title  
**Wetland Communities  
 Figure 4.26**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

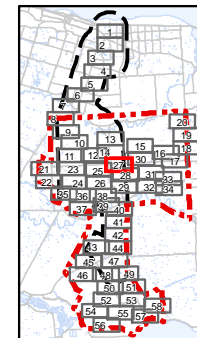


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

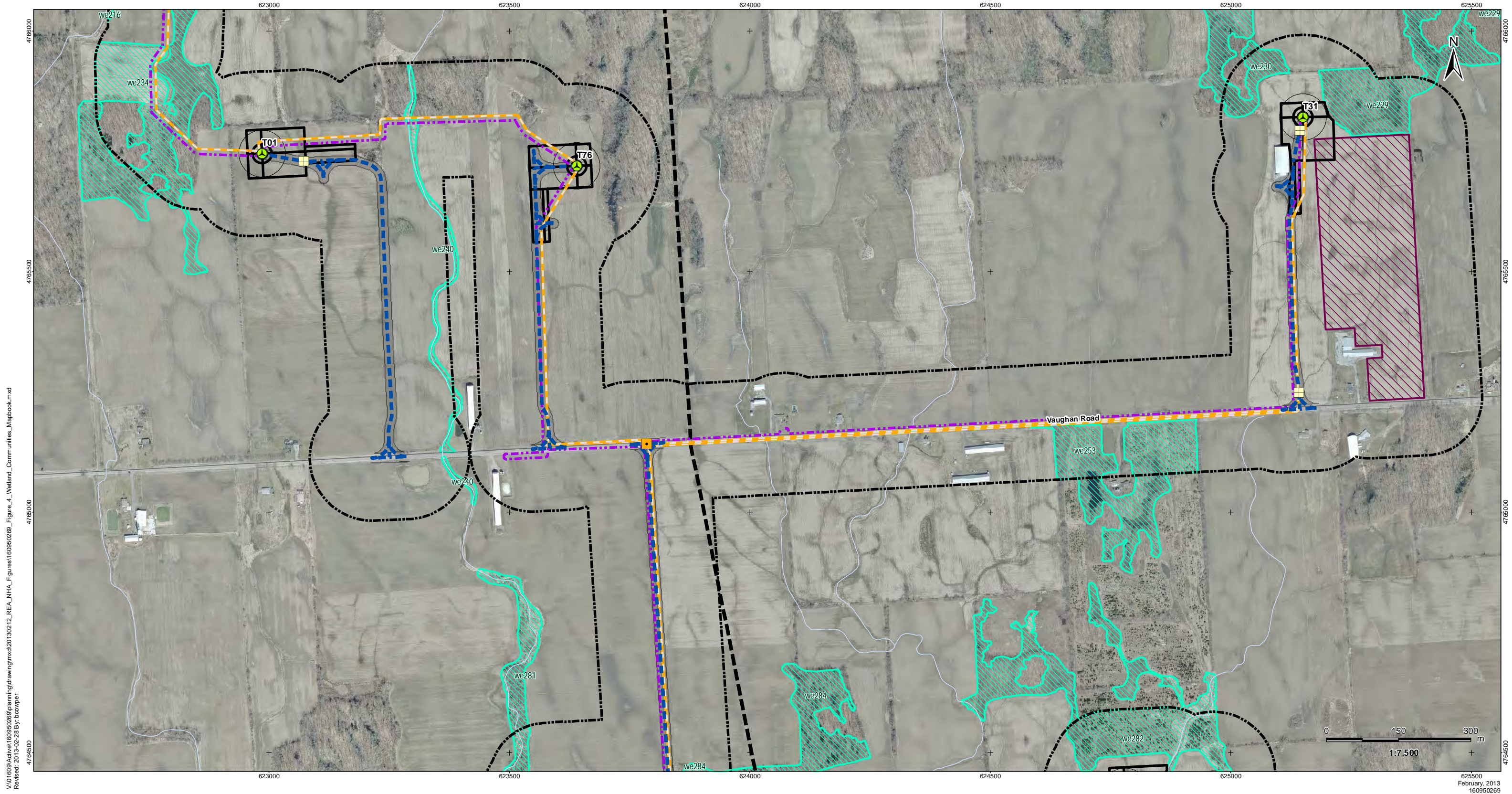
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.27

Title  
**Wetland Communities**  
**Figure 4.27**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

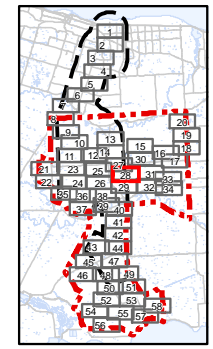


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

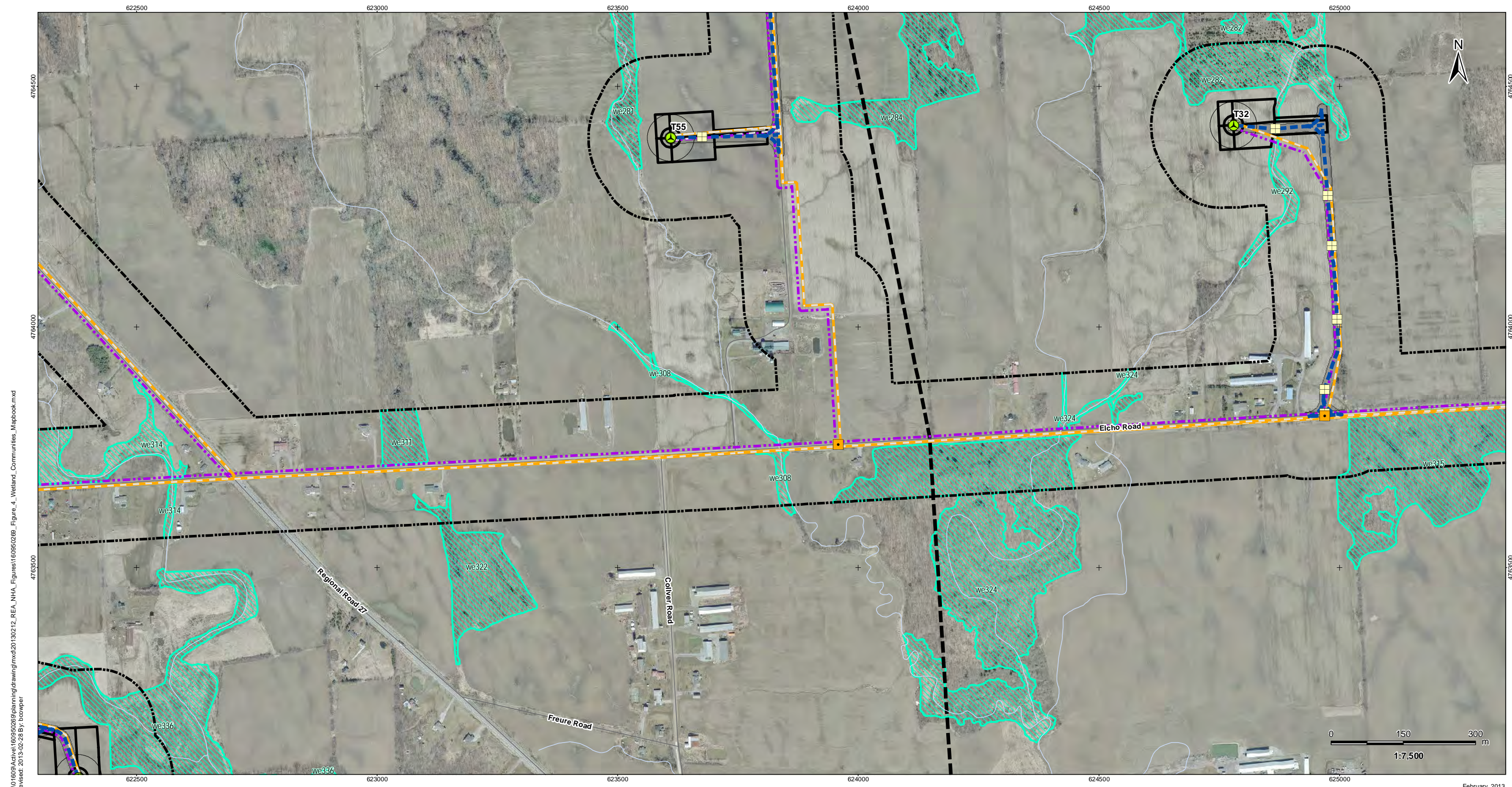


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.28

Title  
**Wetland Communities**  
**Figure 4.28**

625500  
 February, 2013  
 160950269



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

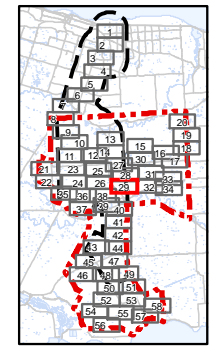


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

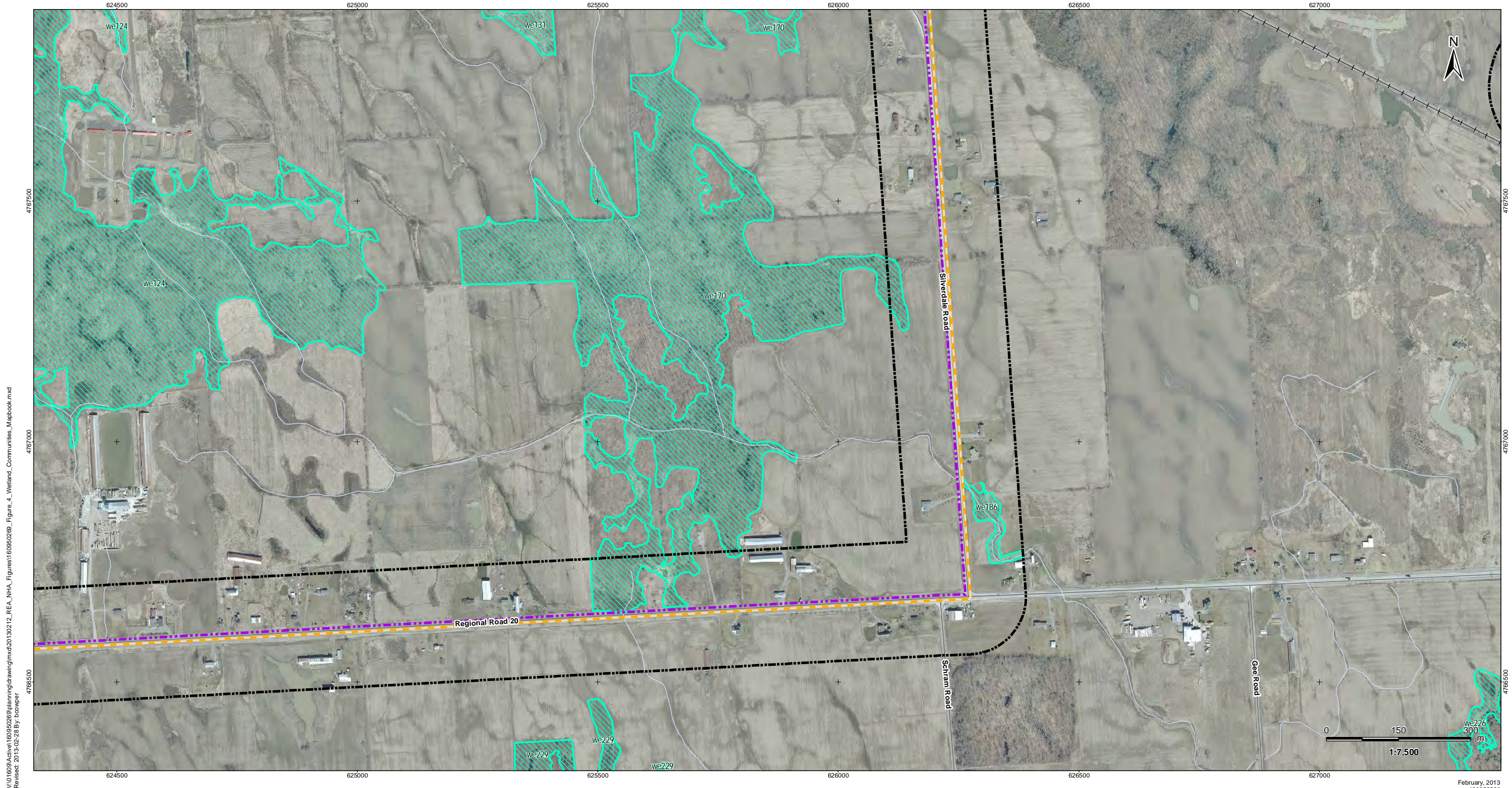
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.29

Title  
**Wetland Communities**  
**Figure 4.29**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

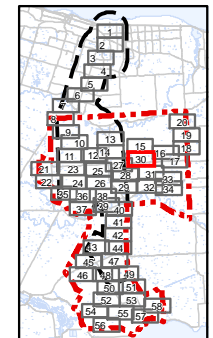


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Wetland Communities          |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



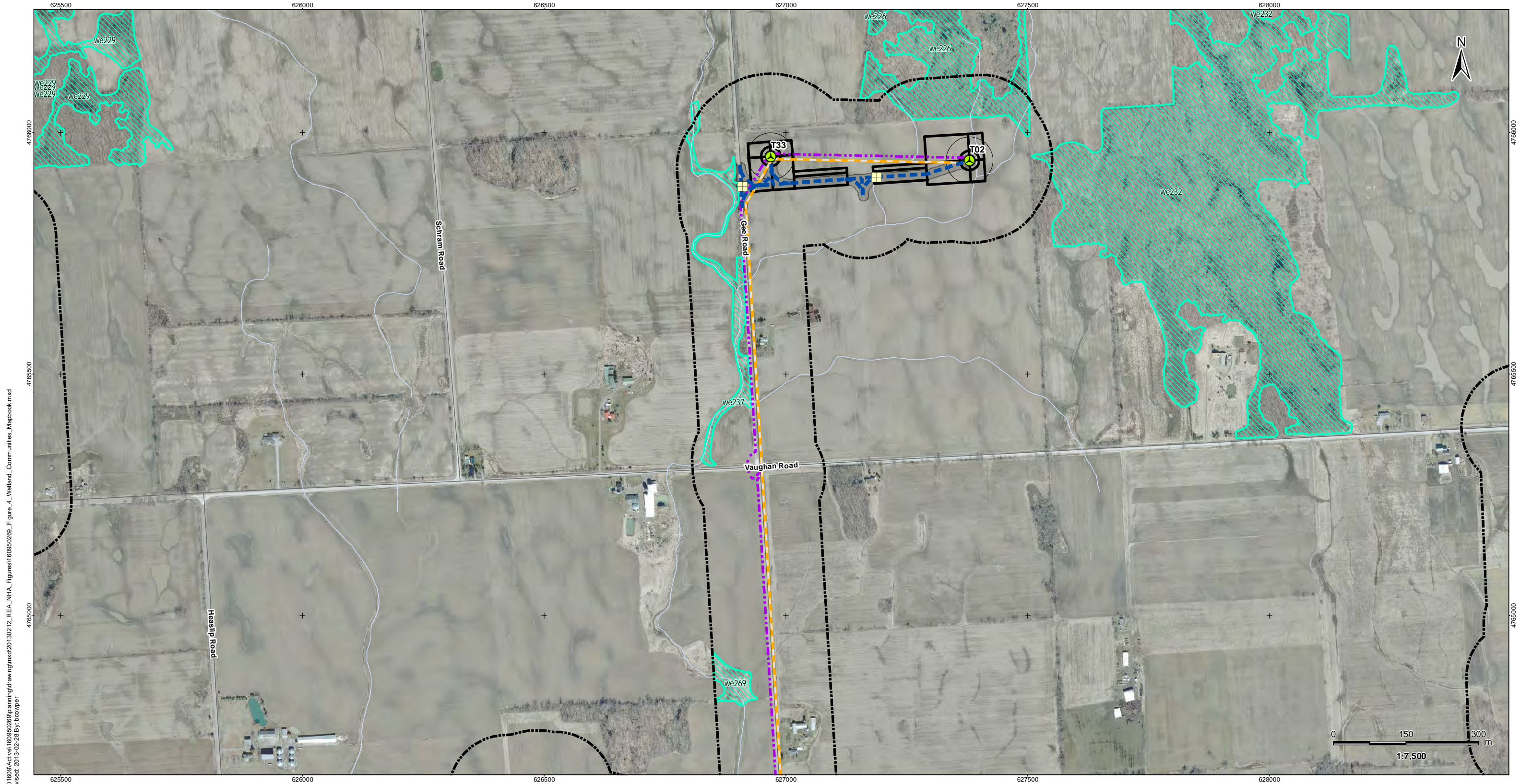
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.30

---

Title  
**Wetland Communities**  
**Figure 4.30**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

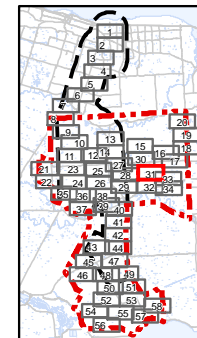


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

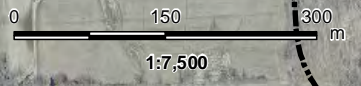
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

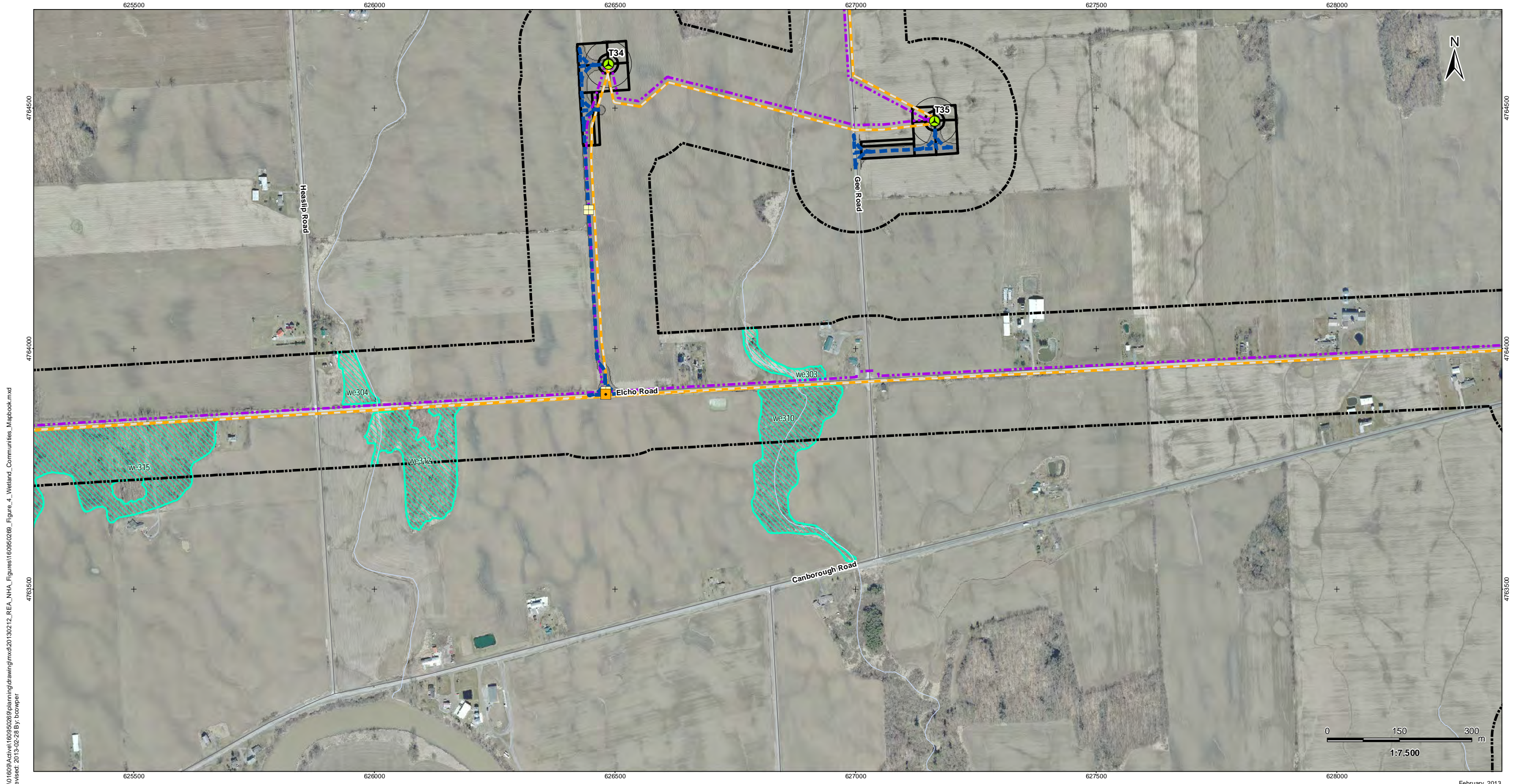


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.31

Title  
**Wetland Communities**  
**Figure 4.31**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

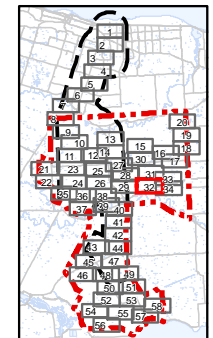


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

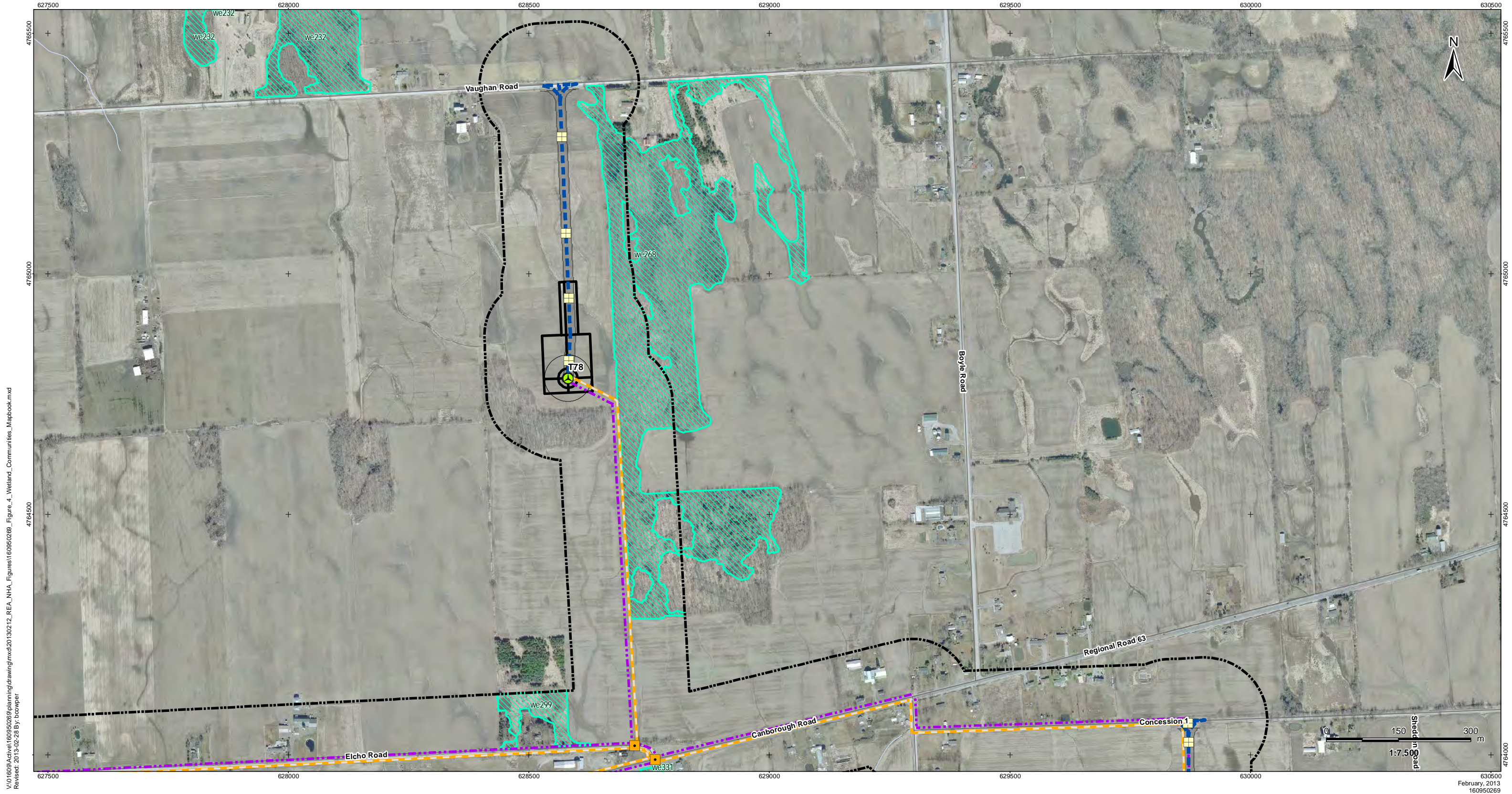


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.32

Title  
**Wetland Communities  
 Figure 4.32**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

630500  
 February, 2013  
 160950269

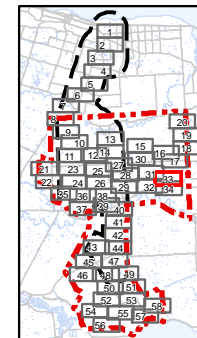


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

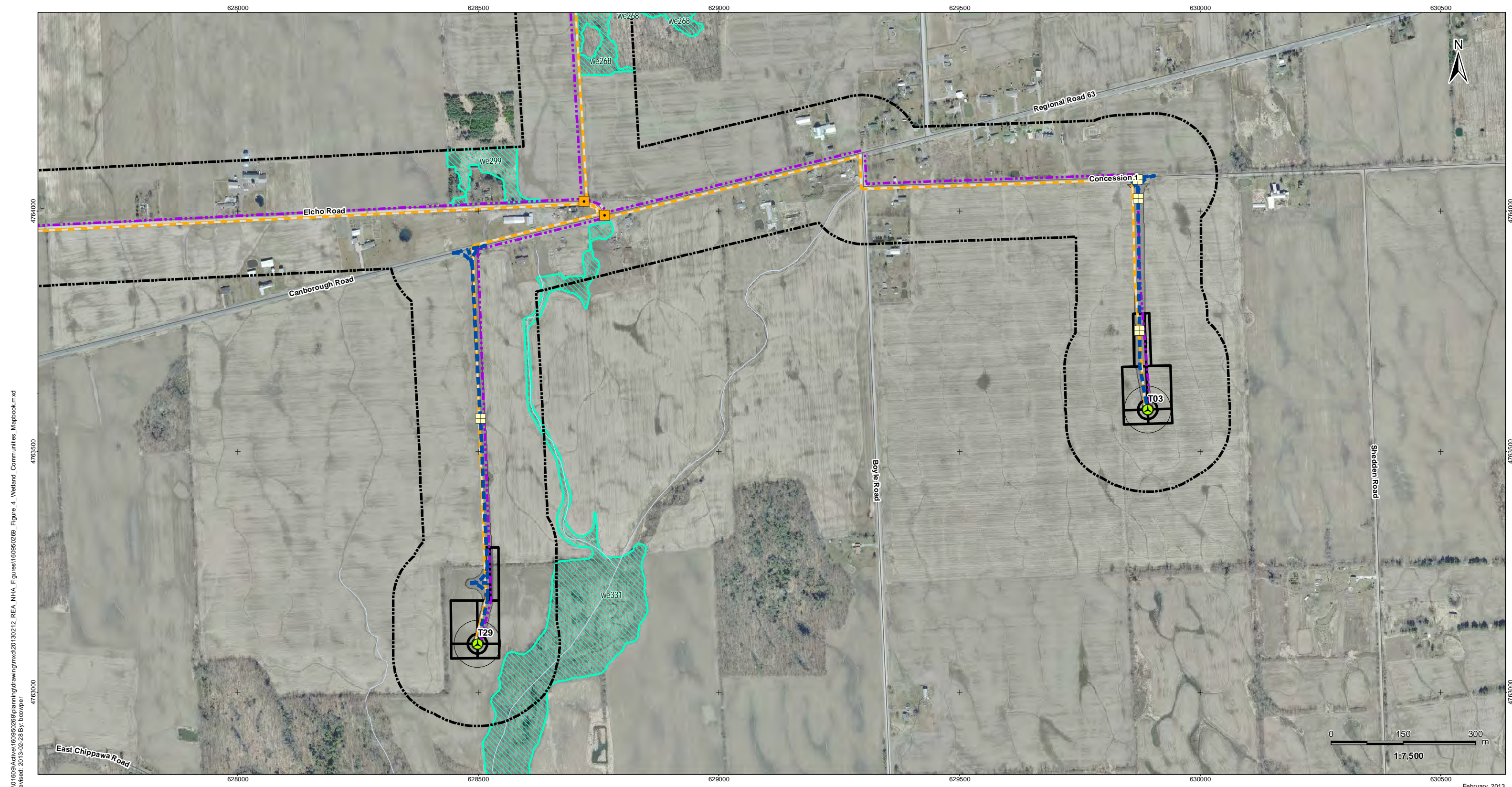
---

Figure No.  
 4.33

---

Title  
**Wetland Communities**  
**Figure 4.33**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

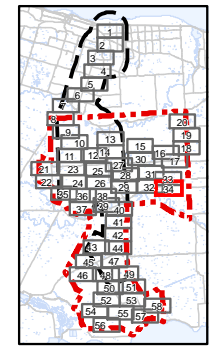


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

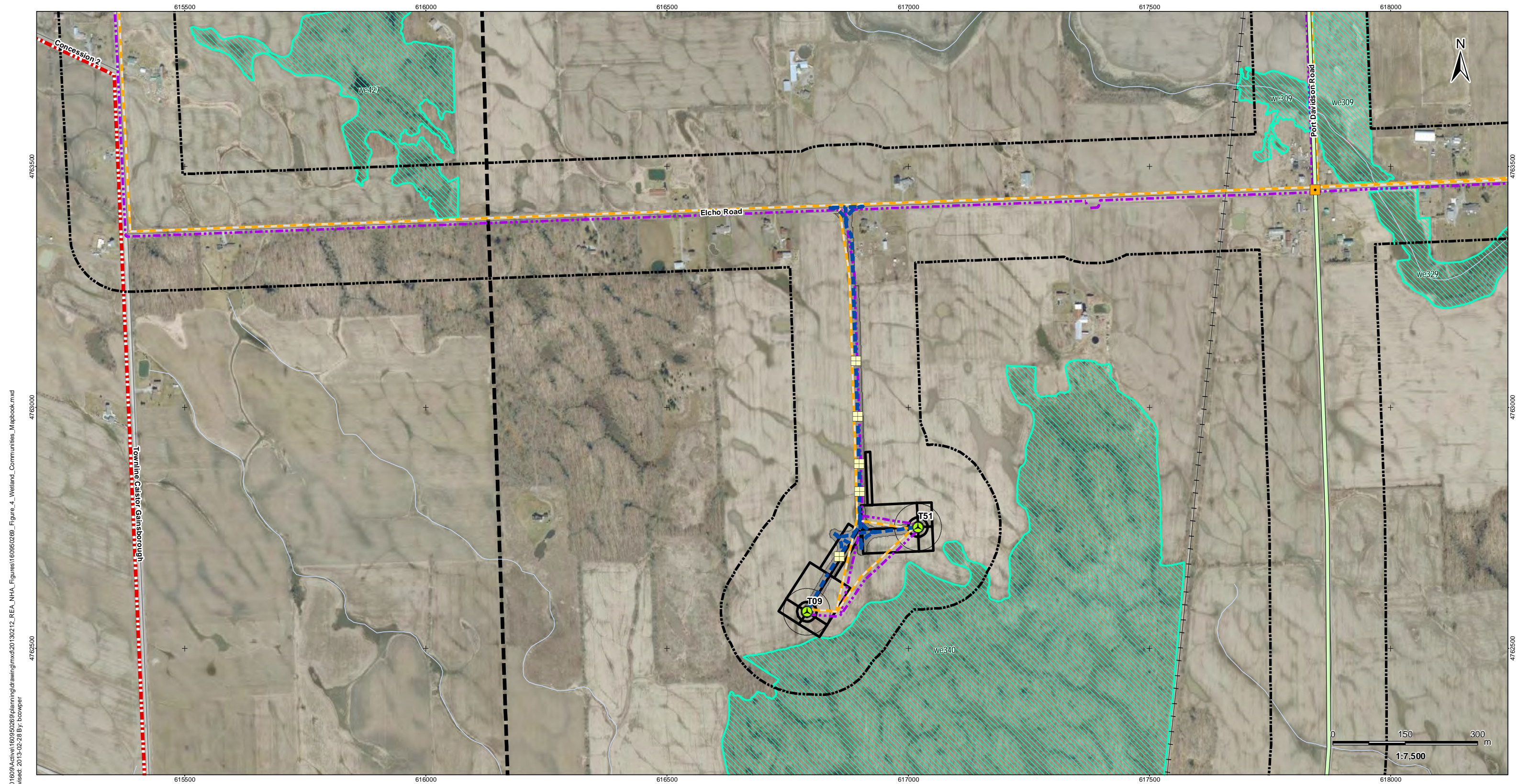
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.34

Title  
**Wetland Communities**  
**Figure 4.34**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

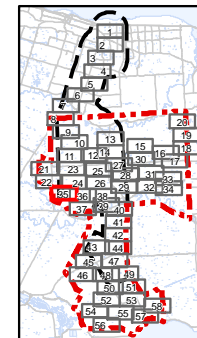


**Legend**

- |                            |                              |   |
|----------------------------|------------------------------|---|
| Project Study Area         | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area  | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation | Tap-in Location              | Fibre Optic Line                          |
|                            | Junction Box                 | Potential Access Road                     |
|                            | Proposed Culvert             | Access Road 20m Construction Area         |
|                            | Preferred Transmission Route | Potential Construction Laydown Area       |
|                            | Alternate Transmission Route | Transformer Substation                    |
|                            |                              | Wetland Communities                       |

**Notes**

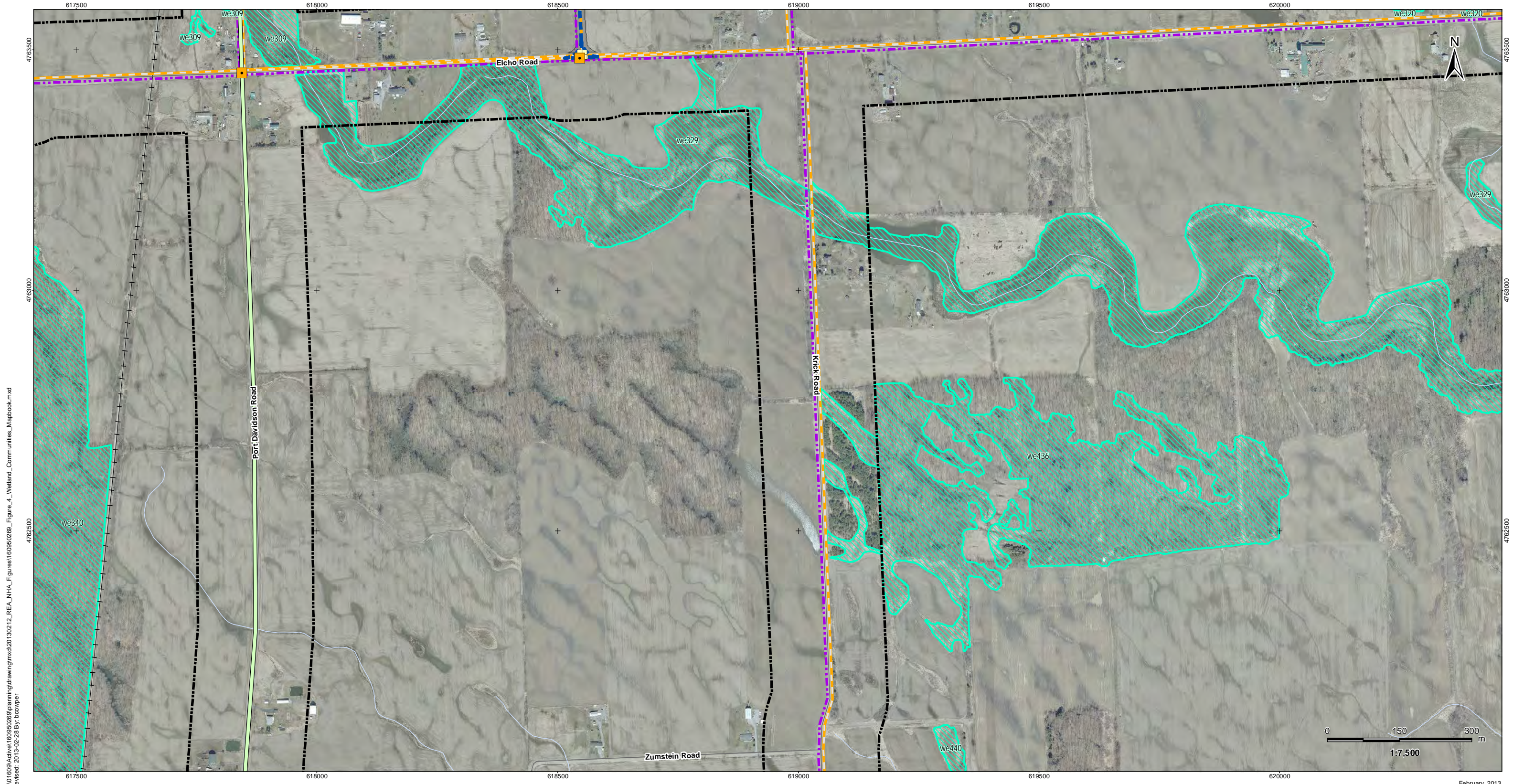
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.35

Title  
**Wetland Communities  
 Figure 4.35**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

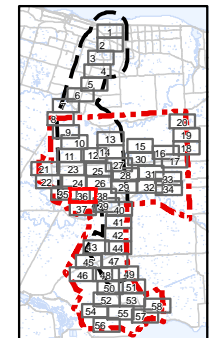


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route        | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Wetland Communities          |                                     | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.36

---

Title  
**Wetland Communities**  
**Figure 4.36**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

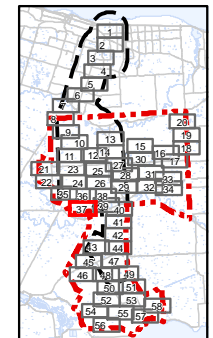


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

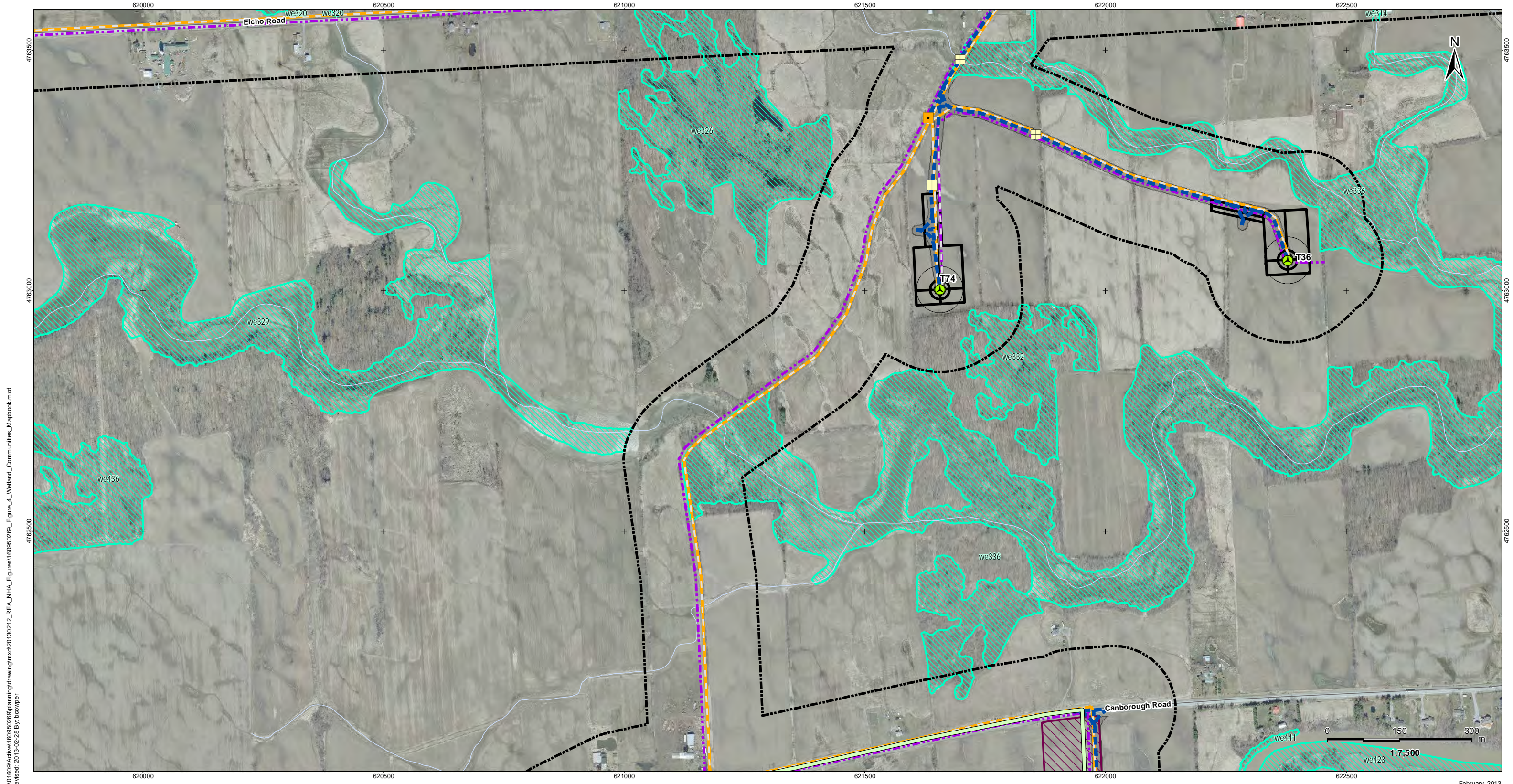
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.37

Title  
**Wetland Communities**  
**Figure 4.37**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

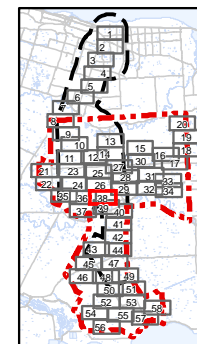


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Proposed Culvert                    | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
|                              | Wetland Communities                 |   |

**Notes**

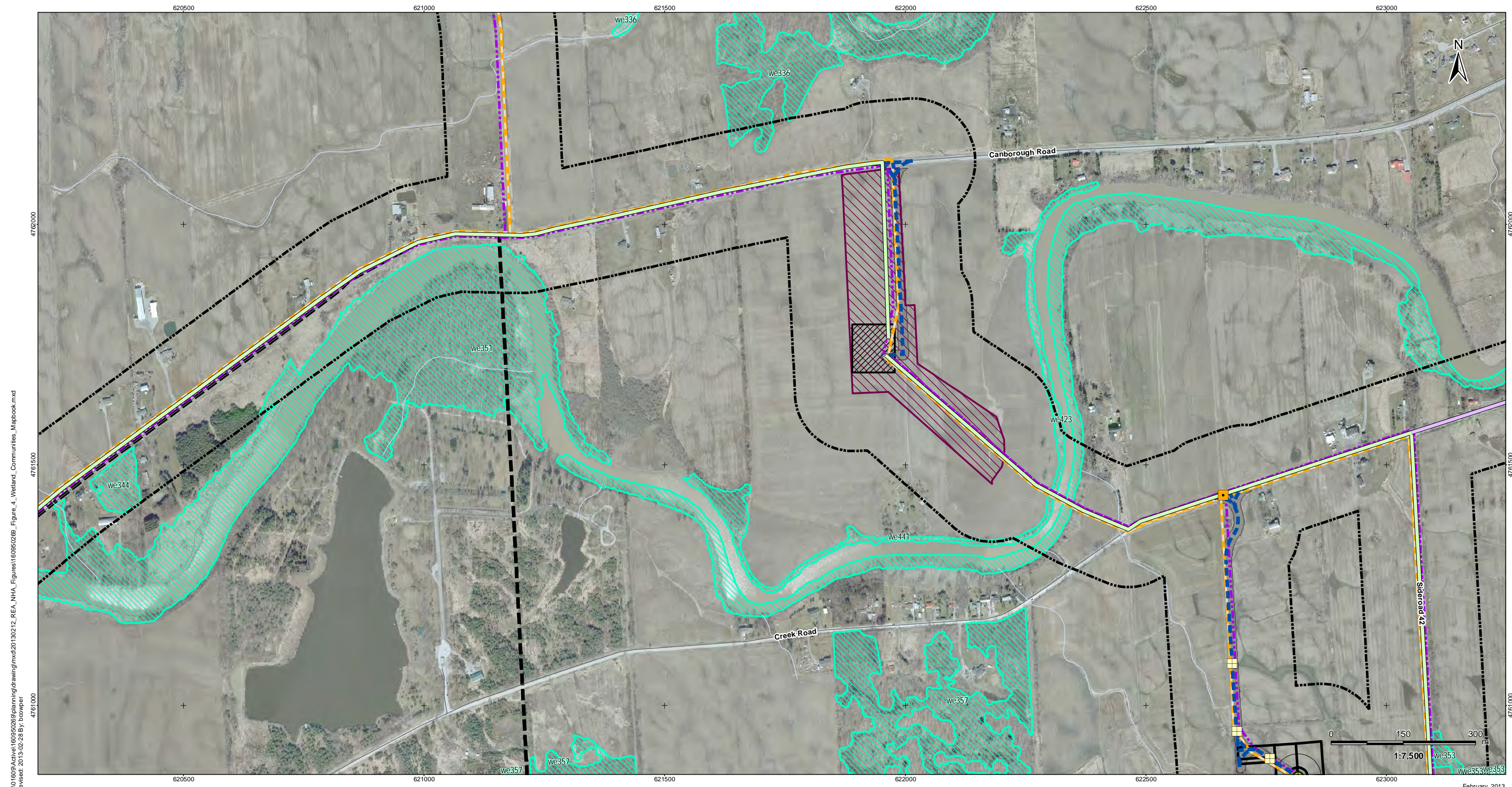
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
Niagara Region Wind Corporation  
Natural Heritage Assessment Report

Figure No.  
4.38

Title  
**Wetland Communities  
Figure 4.38**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

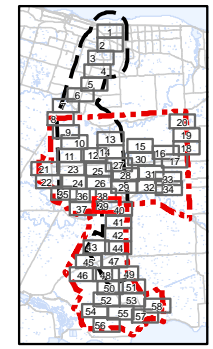


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Potential Access Road               | Access Road 20m Construction Area         |
| Proposed Culvert             | Potential Construction Laydown Area | Transformer Substation                    |
| Preferred Transmission Route | Alternate Transmission Route        | Wetland Communities                       |

**Notes**

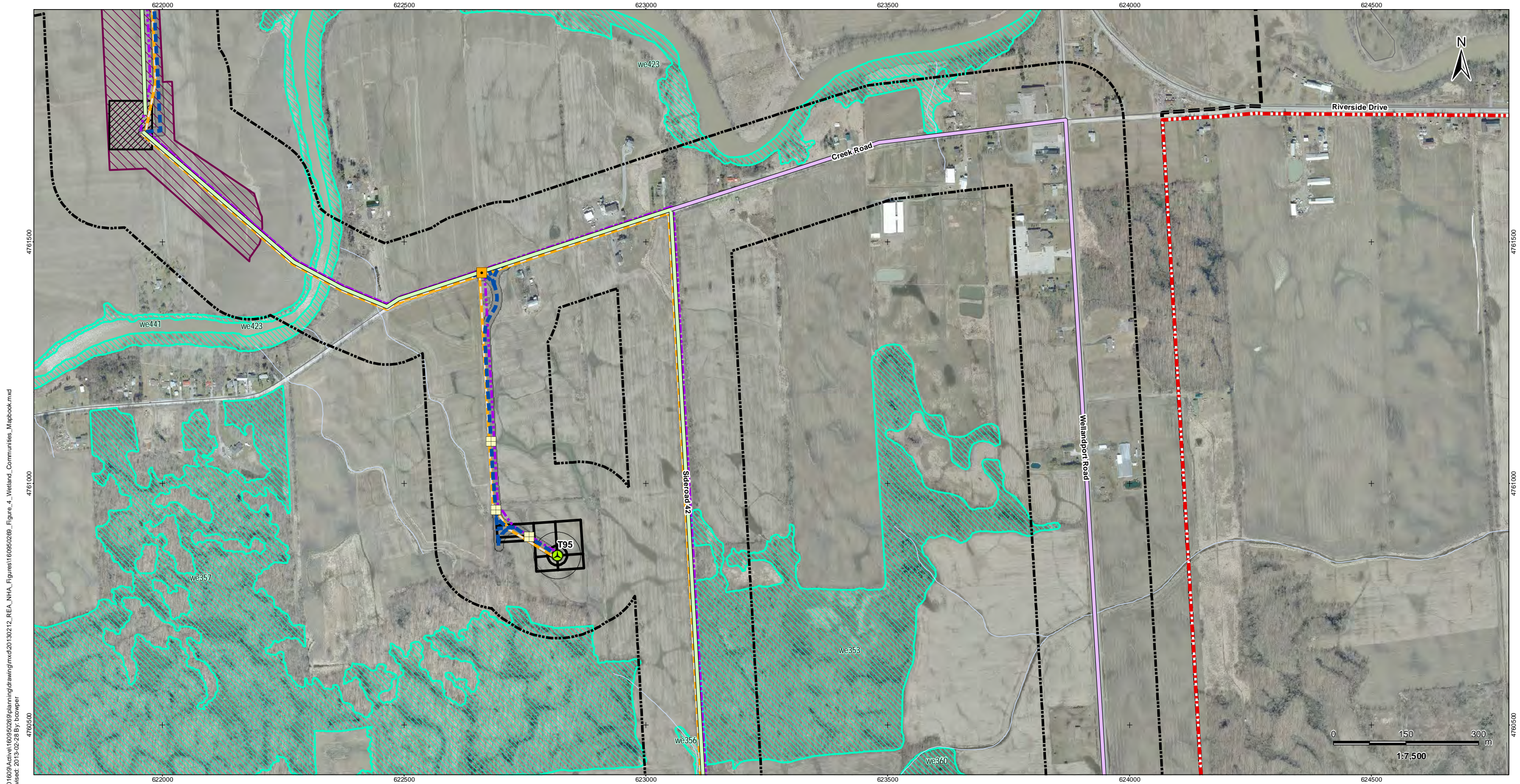
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.39

Title  
**Wetland Communities**  
**Figure 4.39**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

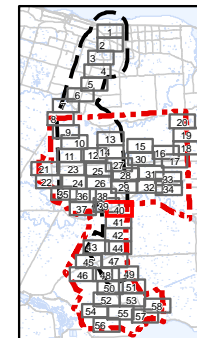


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Wetland Communities          |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

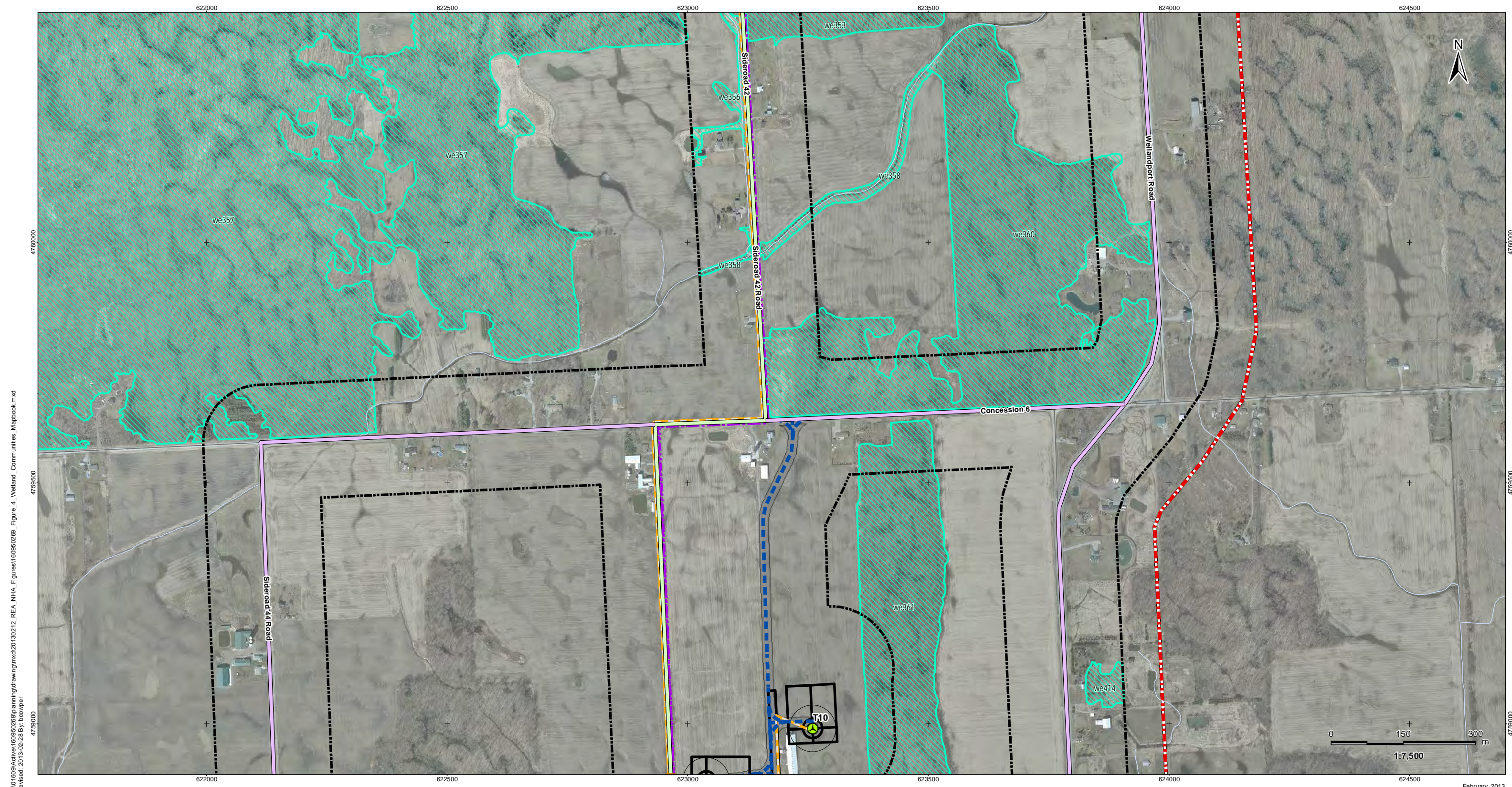


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.40

Title  
**Wetland Communities**  
**Figure 4.40**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

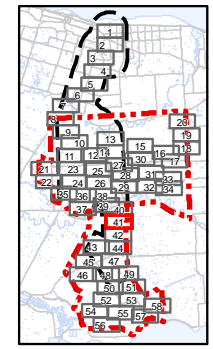


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



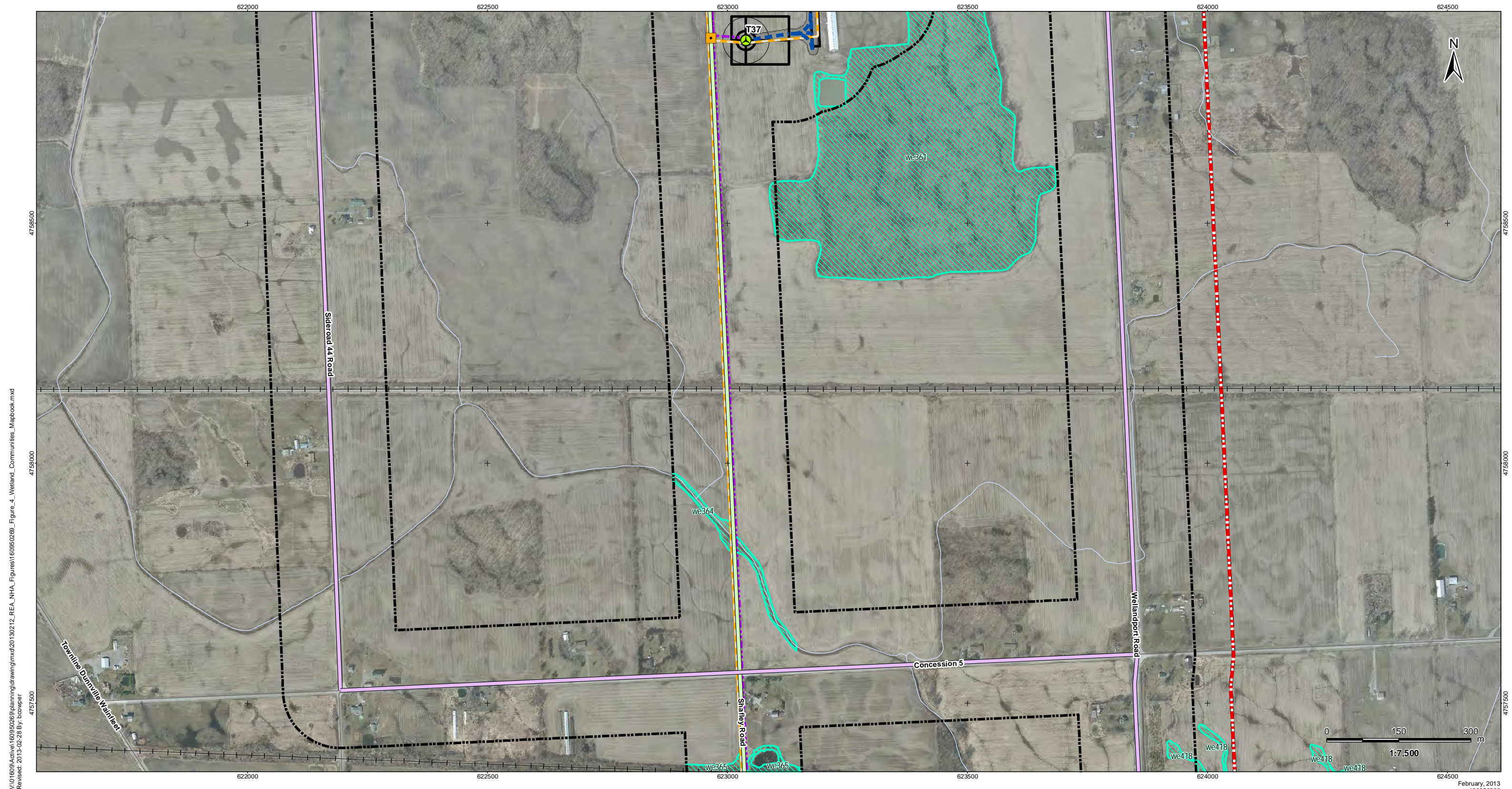
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.41

---

Title  
**Wetland Communities**  
**Figure 4.41**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

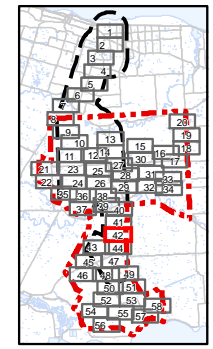


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

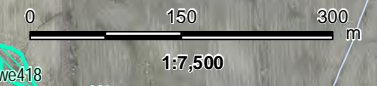
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

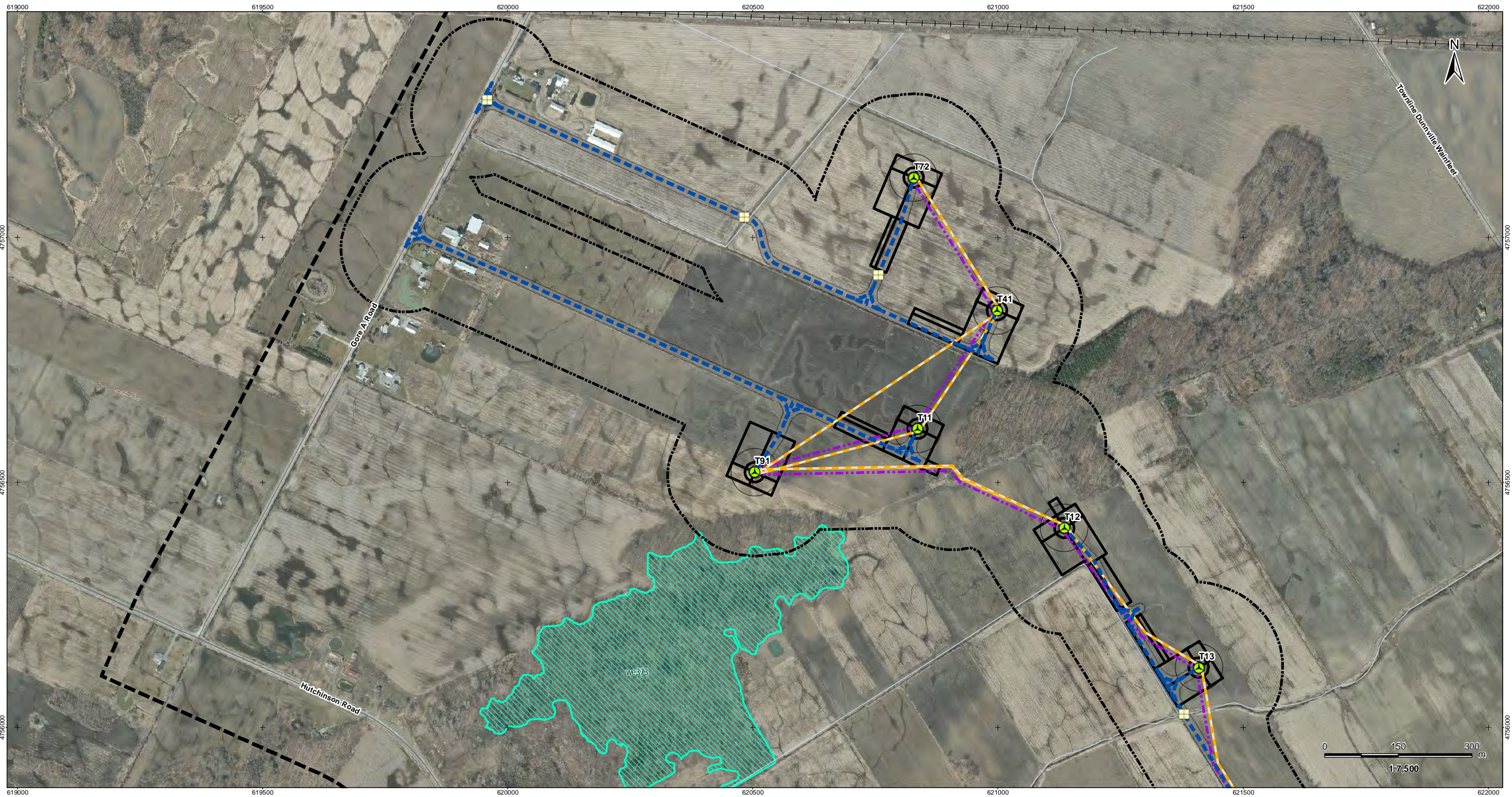


Client/Project  
**Niagara Region Wind Corporation  
 Natural Heritage Assessment Report**

Figure No.  
**4.42**

Title  
**Wetland Communities  
 Figure 4.42**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

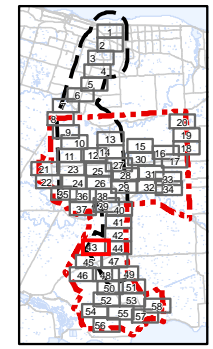


**Legend**

- |                            |                              |   |
|----------------------------|------------------------------|---|
| Project Study Area         | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area  | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation | Tap-in Location              | Fibre Optic Line                          |
|                            | Junction Box                 | Potential Access Road                     |
|                            | Proposed Culvert             | Access Road 20m Construction Area         |
|                            | Preferred Transmission Route | Potential Construction Laydown Area       |
|                            | Alternate Transmission Route | Transformer Substation                    |
|                            |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

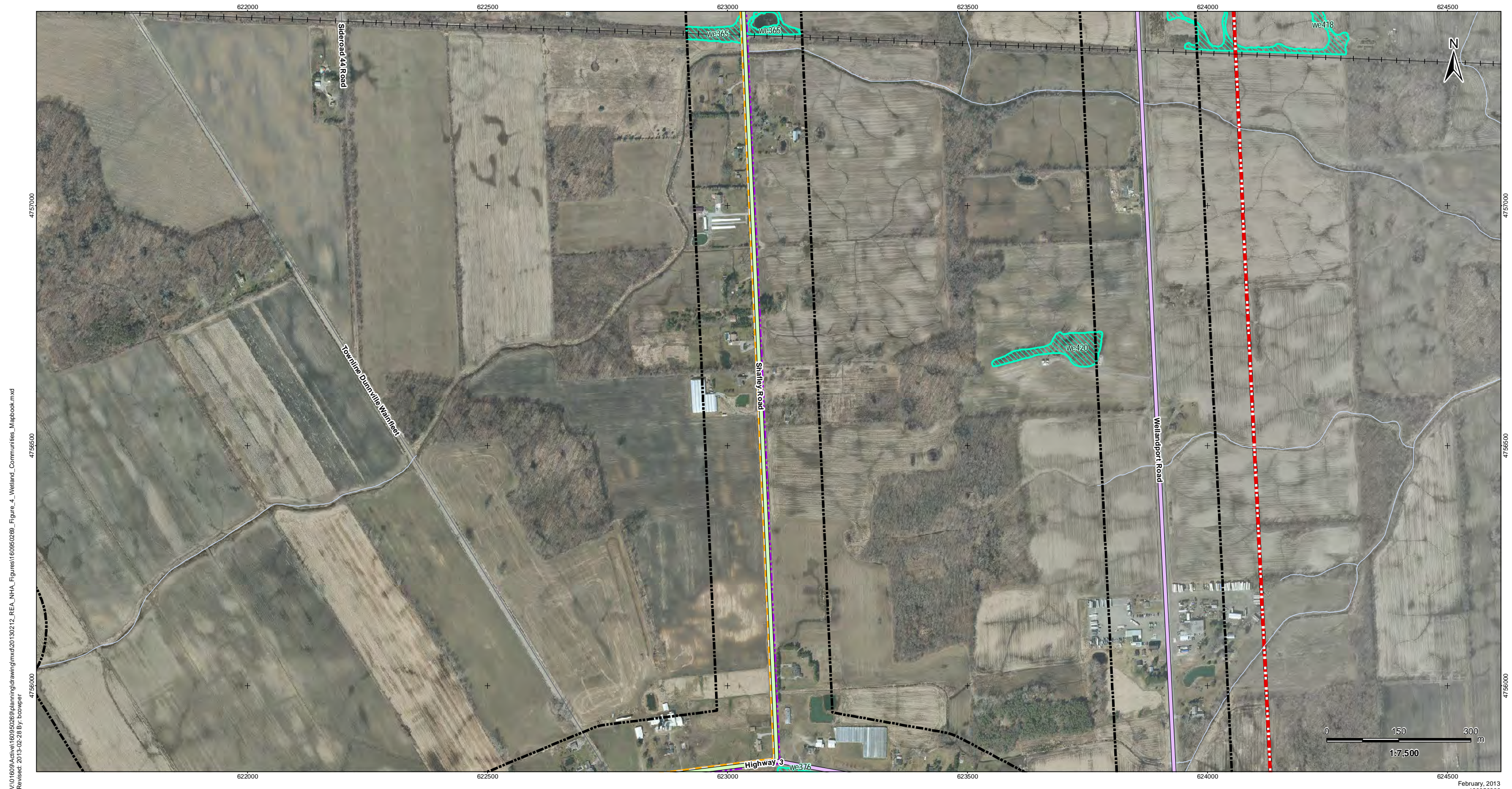


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.43

Title  
**Wetland Communities**  
**Figure 4.43**

February, 2013  
 160950269



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

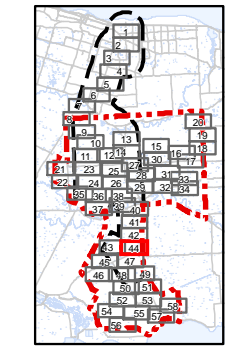


**Legend**

- 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
- Wetland Communities

**Notes**

1. Coordinate System: NAD 1983 UTM Zone 17N).
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
3. Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.44

Title  
**Wetland Communities  
 Figure 4.44**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

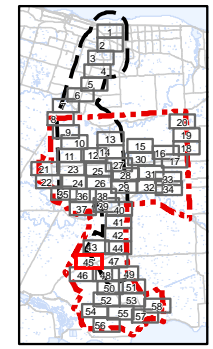


**Legend**

- |                              |                                   |   |
|------------------------------|-----------------------------------|---|
| Project Study Area           | Proposed Turbine Location         | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length              | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                   | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                  | Potential Access Road                     |
| Preferred Transmission Route | Access Road 20m Construction Area | Potential Construction Laydown Area       |
| Alternate Transmission Route | Transformer Substation            | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.45

Title  
**Wetland Communities**  
**Figure 4.45**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

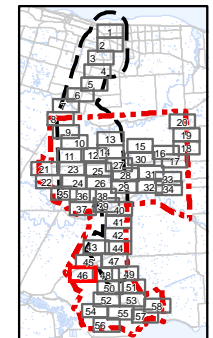


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

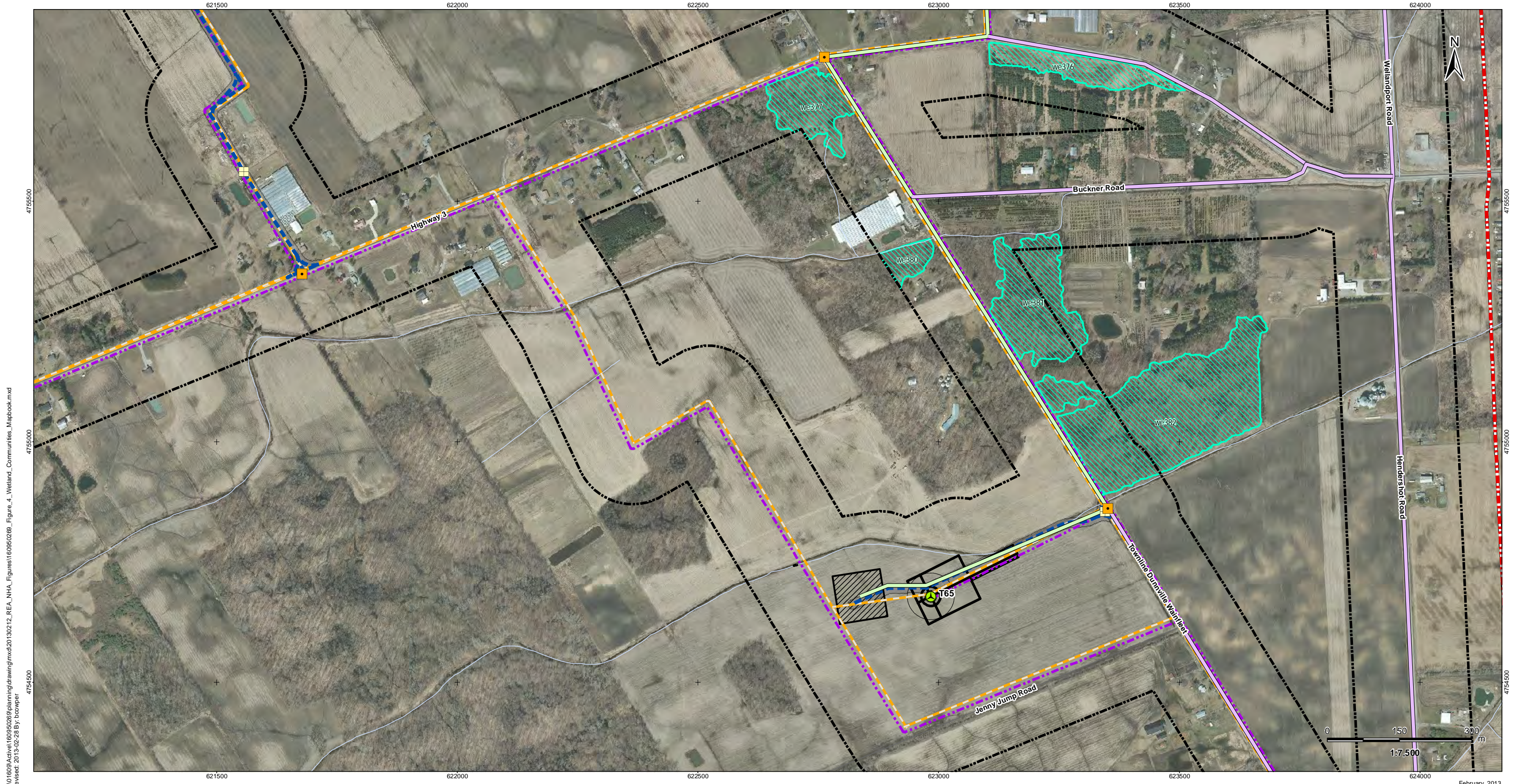
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.46

Title  
**Wetland Communities**  
**Figure 4.46**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

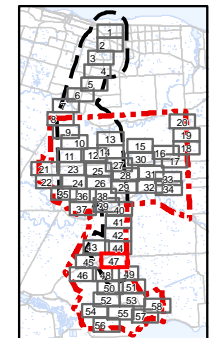


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.47

Title  
**Wetland Communities**  
**Figure 4.47**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

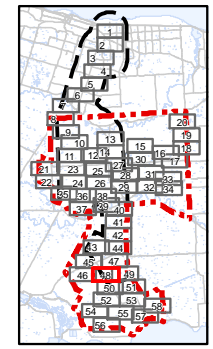


**Legend**

- |                              |                                   |   |
|------------------------------|-----------------------------------|---|
| Project Study Area           | Proposed Turbine Location         | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length              | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                   | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                  | Potential Access Road                     |
| Preferred Transmission Route | Access Road 20m Construction Area | Potential Construction Laydown Area       |
| Alternate Transmission Route | Transformer Substation            | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.

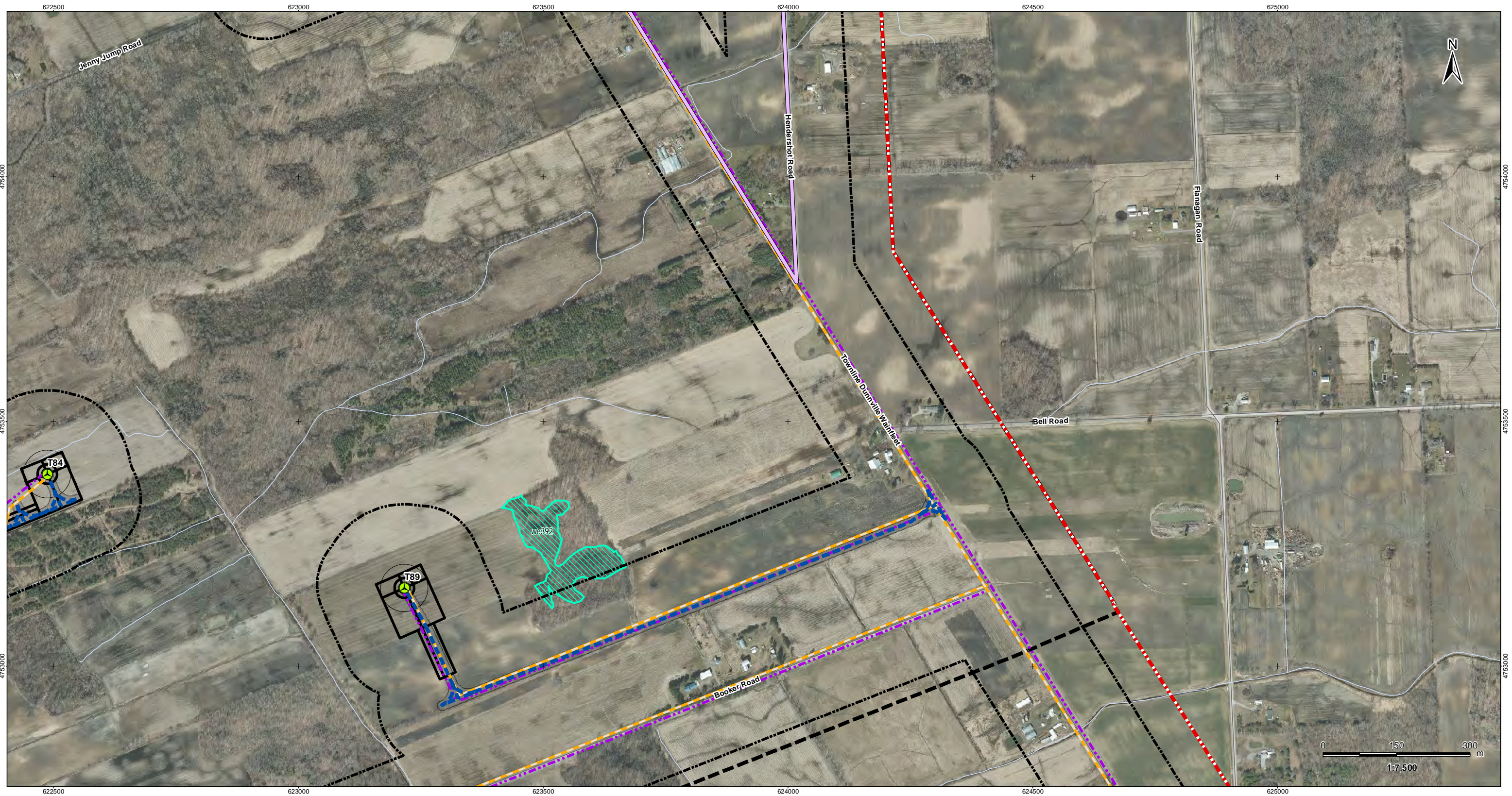


Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
**4.48**

Title  
**Wetland Communities  
 Figure 4.48**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

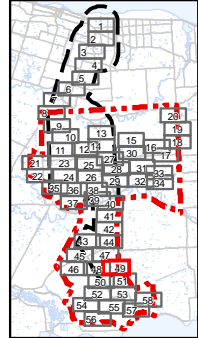


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.49

---

Title  
**Wetland Communities**  
**Figure 4.49**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

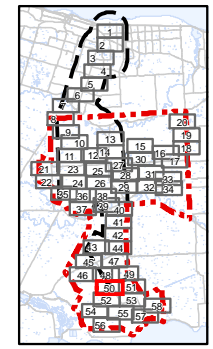


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

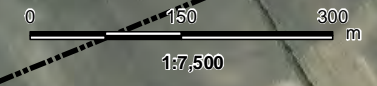
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.50

Title  
**Wetland Communities**  
**Figure 4.50**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

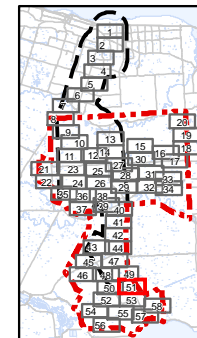


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
| Alternate Transmission Route |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



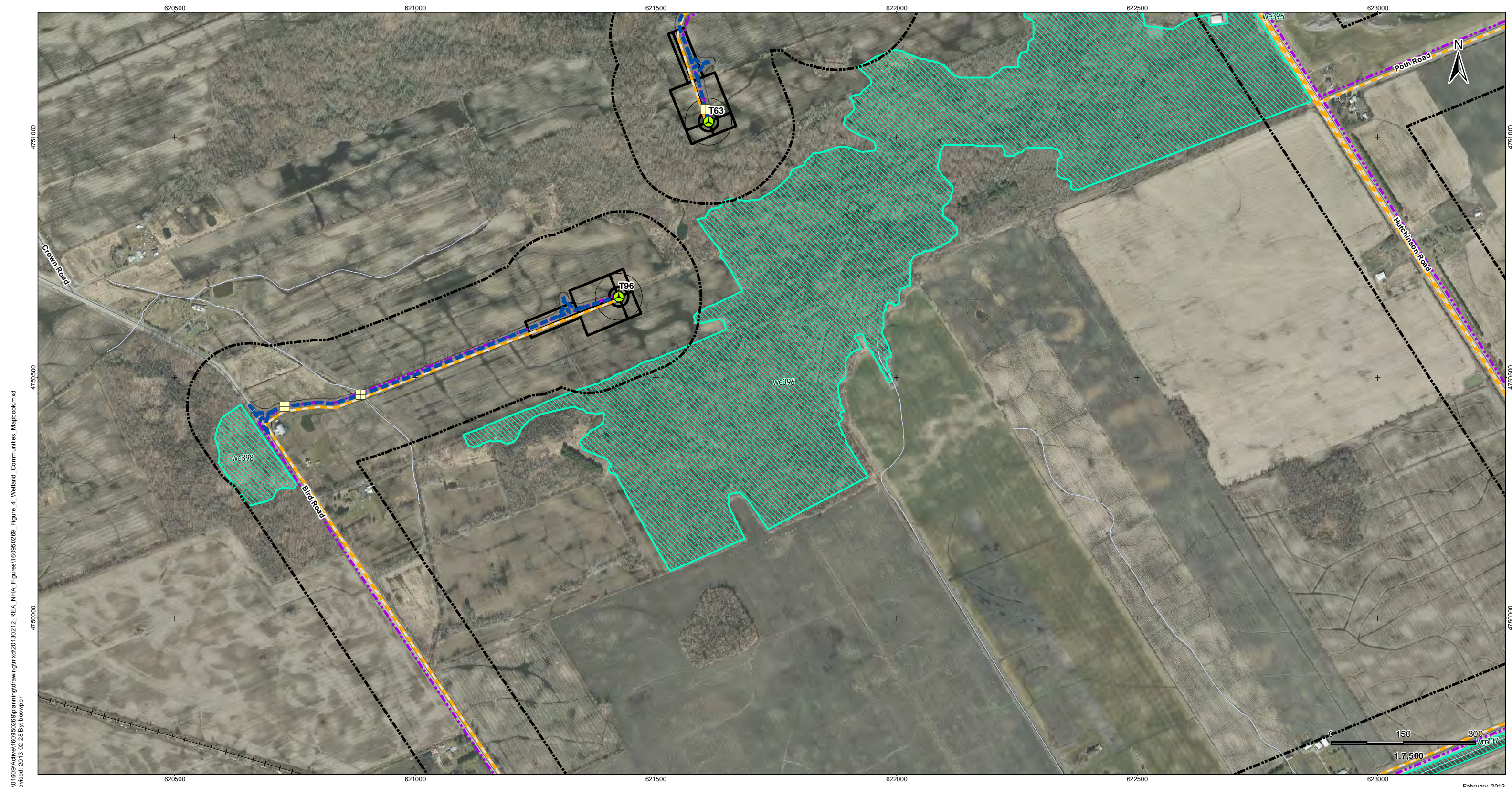
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.51

---

Title  
**Wetland Communities**  
**Figure 4.51**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

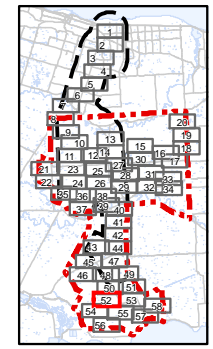


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

1. Coordinate System: NAD 1983 UTM Zone 17N).
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
3. Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.52

Title  
**Wetland Communities  
 Figure 4.52**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

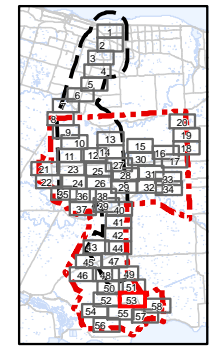


**Legend**

- |                              |                              |   |
|------------------------------|------------------------------|---|
| Project Study Area           | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location              | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert             | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route | Access Road 20m Construction Area         |
|                              |                              | Potential Construction Laydown Area       |
|                              |                              | Transformer Substation                    |
|                              |                              | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



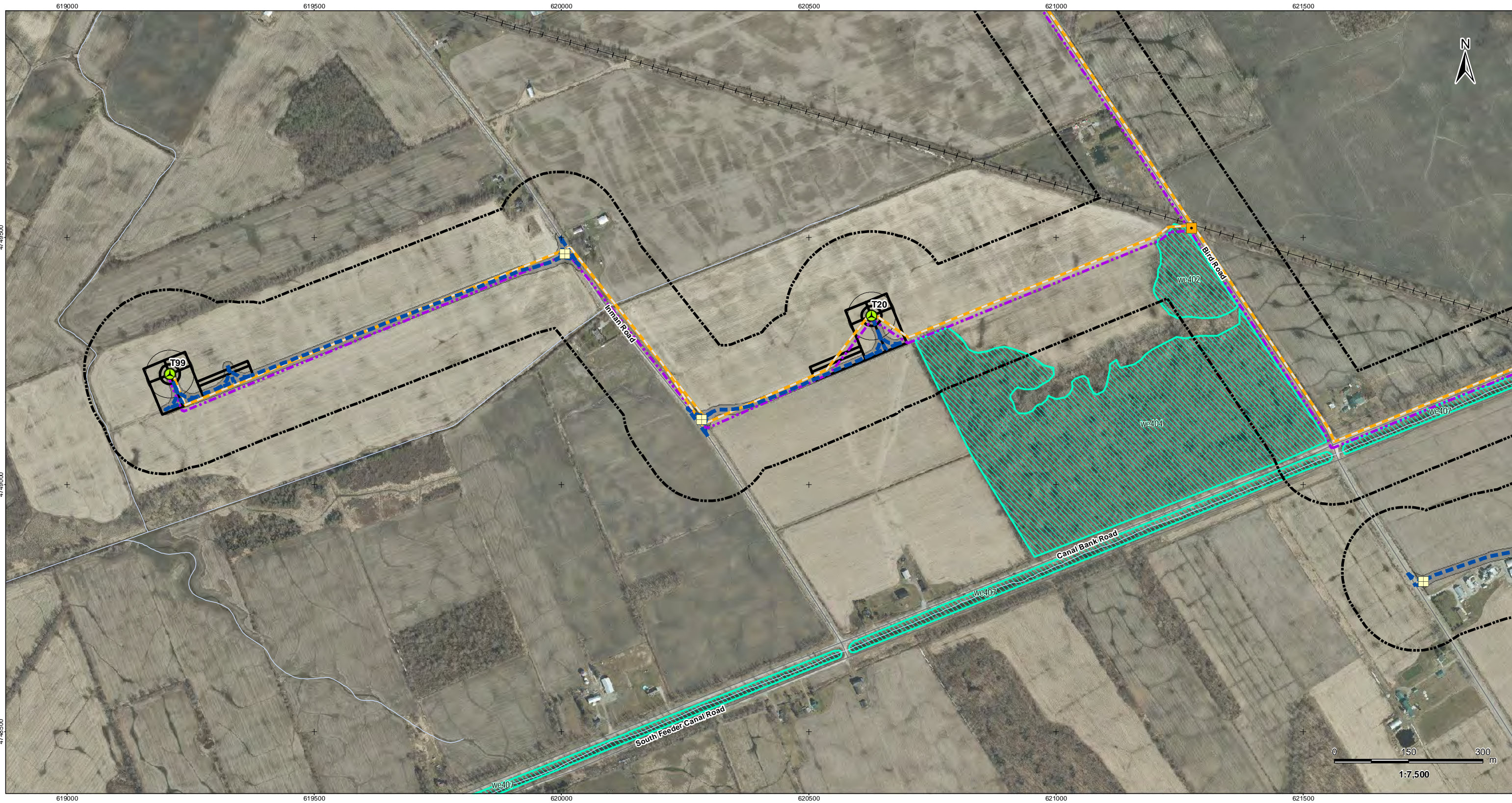
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.53

---

Title  
**Wetland Communities**  
**Figure 4.53**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

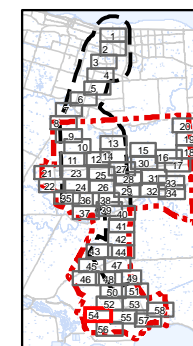


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

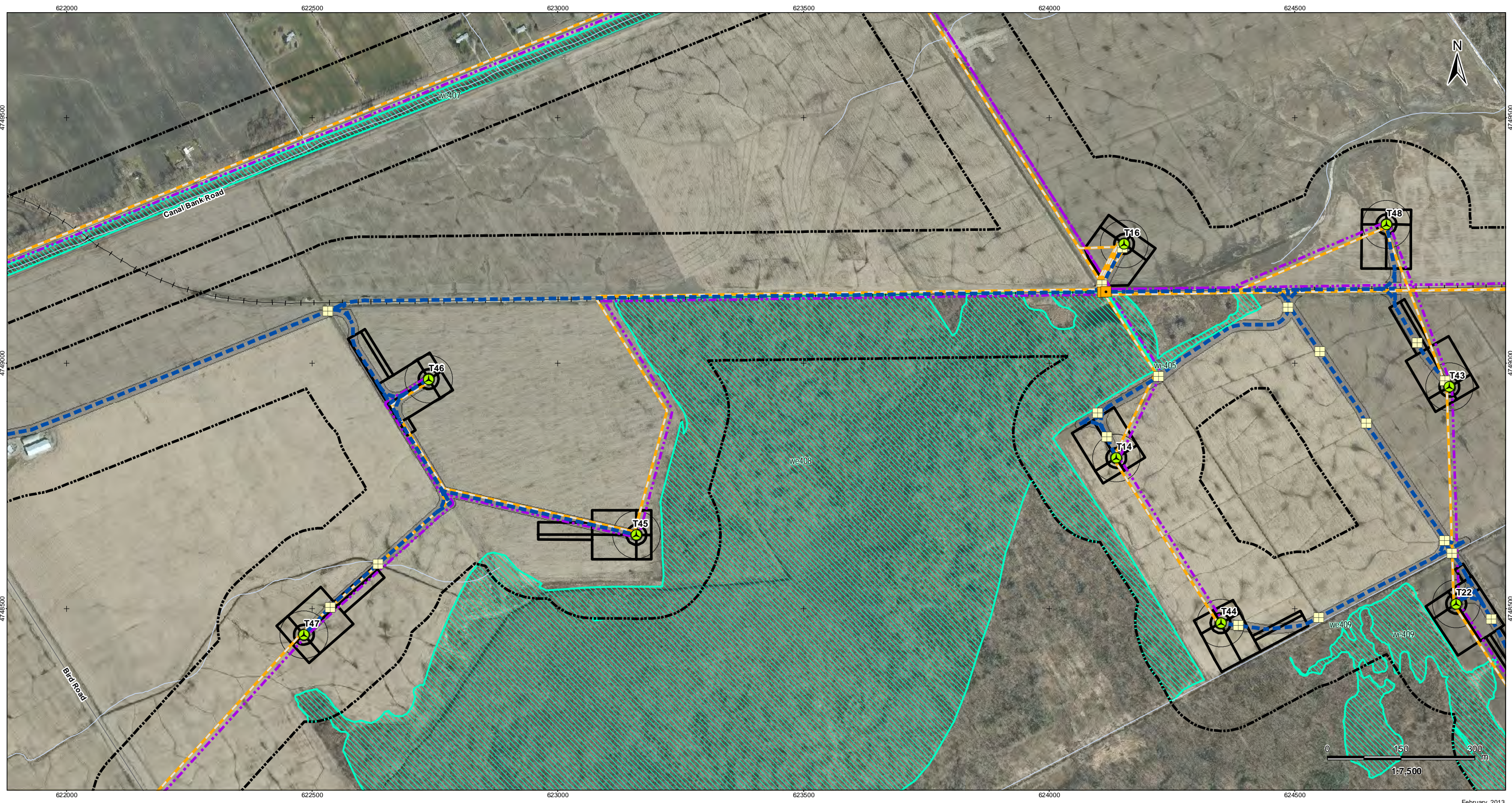
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
Niagara Region Wind Corporation  
Natural Heritage Assessment Report

Figure No.  
**4.54**

Title  
**Wetland Communities  
Figure 4.54**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

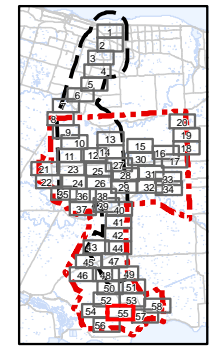


**Legend**

- |                            |                              |   |
|----------------------------|------------------------------|---|
| Project Study Area         | Proposed Turbine Location    | Temporary Laydown Area                    |
| Interconnector Study Area  | Turbine Blade Length         | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation | Tap-in Location              | Fibre Optic Line                          |
|                            | Junction Box                 | Potential Access Road                     |
|                            | Proposed Culvert             | Access Road 20m Construction Area         |
|                            | Preferred Transmission Route | Potential Construction Laydown Area       |
|                            | Alternate Transmission Route | Transformer Substation                    |
|                            |                              | Wetland Communities                       |

**Notes**

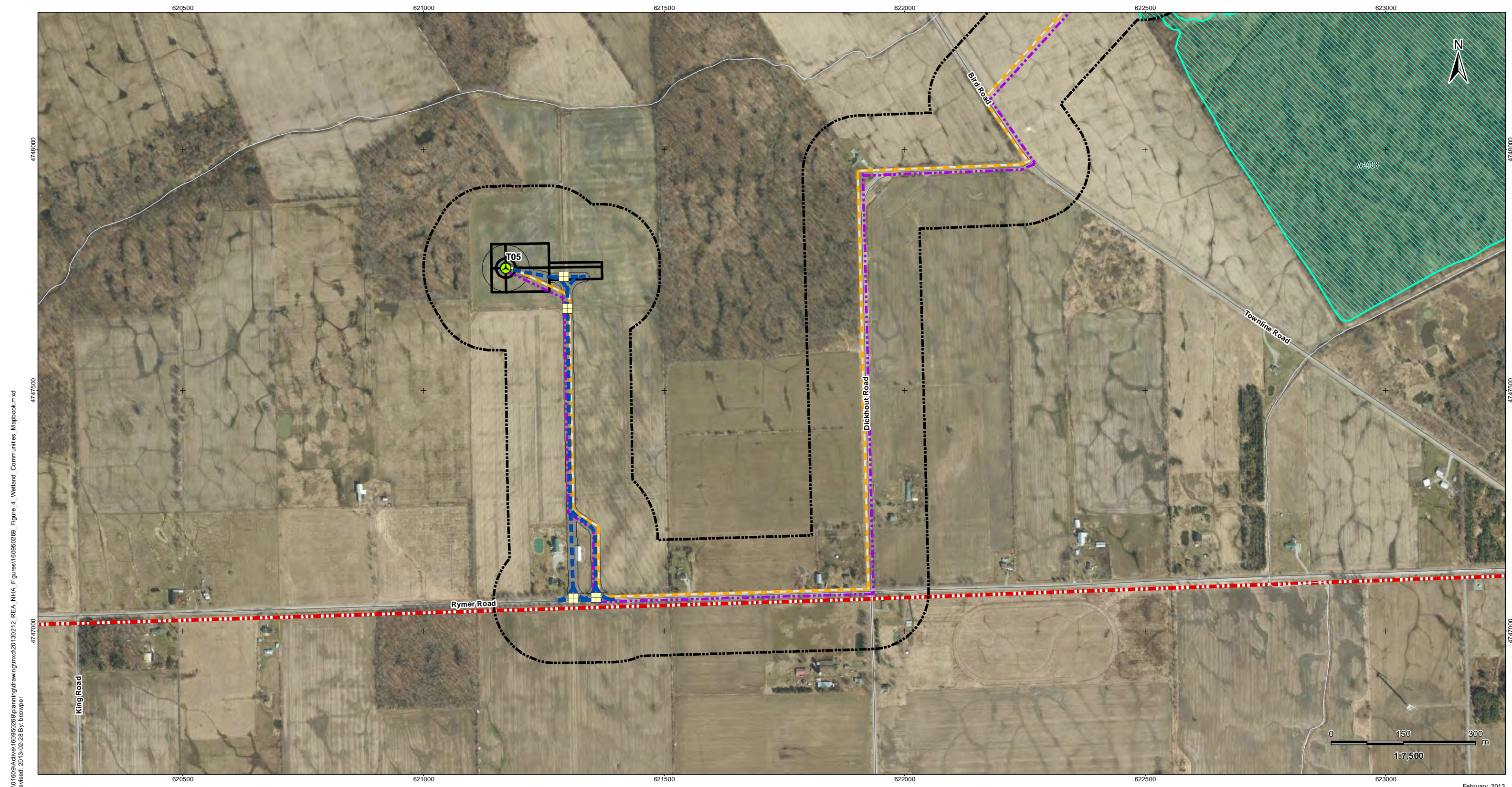
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

Figure No.  
 4.55

Title  
**Wetland Communities**  
**Figure 4.55**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

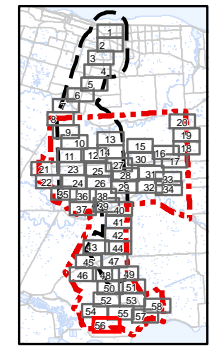


**Legend**

- |                              |                           |   |
|------------------------------|---------------------------|---|
| Project Study Area           | Proposed Turbine Location | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length      | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location           | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert          | Potential Access Road                     |
| Preferred Transmission Route | Proposed Culvert          | Access Road 20m Construction Area         |
| Alternate Transmission Route | Transformer Substation    | Potential Construction Laydown Area       |
|                              | Wetland Communities       |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
**Niagara Region Wind Corporation  
 Natural Heritage Assessment Report**

---

Figure No.  
**4.56**

---

Title  
**Wetland Communities  
 Figure 4.56**





V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

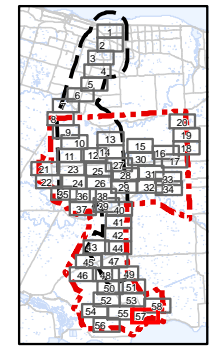


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
|                              | Junction Box                        | Potential Access Road                     |
|                              | Proposed Culvert                    | Access Road 20m Construction Area         |
| Preferred Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Alternate Transmission Route | Wetland Communities                 |   |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



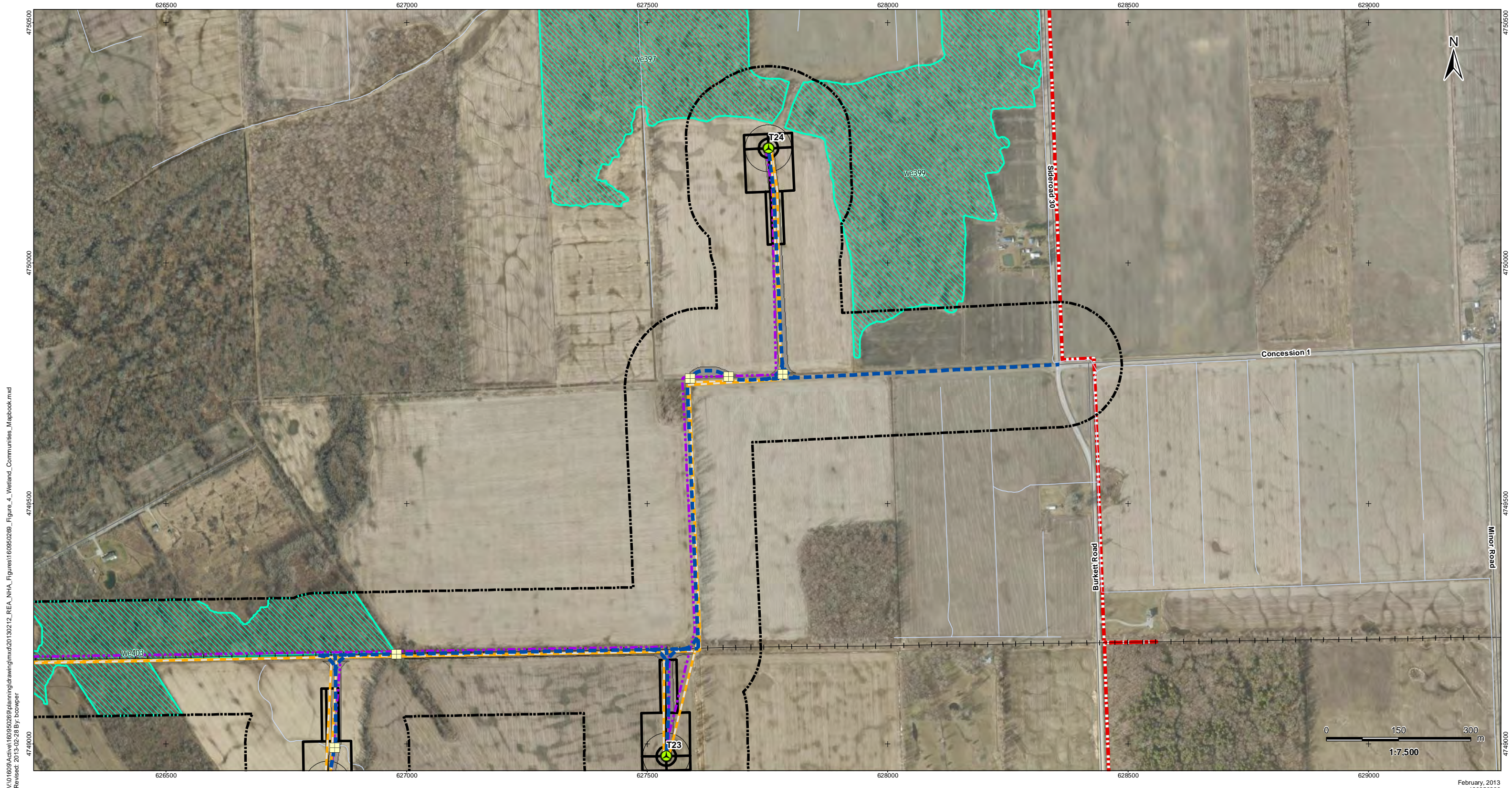
Client/Project  
 Niagara Region Wind Corporation  
 Natural Heritage Assessment Report

---

Figure No.  
 4.57

---

Title  
**Wetland Communities**  
**Figure 4.57**



V:\01609\Active\160950269\planning\drawing\mxd\20130212\_REA\_NHA\_Figures\160950269\_Figure\_4\_Wetland\_Communities\_Mapbook.mxd  
 Revised: 2013-02-28 By: bowper

February, 2013  
160950269

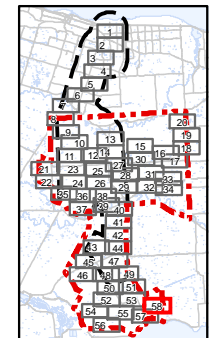


**Legend**

- |                              |                                     |   |
|------------------------------|-------------------------------------|---|
| Project Study Area           | Proposed Turbine Location           | Temporary Laydown Area                    |
| Interconnector Study Area    | Turbine Blade Length                | Collector Lines – Underground or Overhead |
| 120m Zone of Investigation   | Tap-in Location                     | Fibre Optic Line                          |
| Junction Box                 | Proposed Culvert                    | Potential Access Road                     |
| Preferred Transmission Route | Alternate Transmission Route        | Access Road 20m Construction Area         |
| Alternate Transmission Route | Potential Construction Laydown Area | Transformer Substation                    |
| Wetland Communities          |                                     | Wetland Communities                       |

**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.



Client/Project  
**Niagara Region Wind Corporation  
 Natural Heritage Assessment Report**

Figure No.  
**4.58**

Title  
**Wetland Communities  
 Figure 4.58**