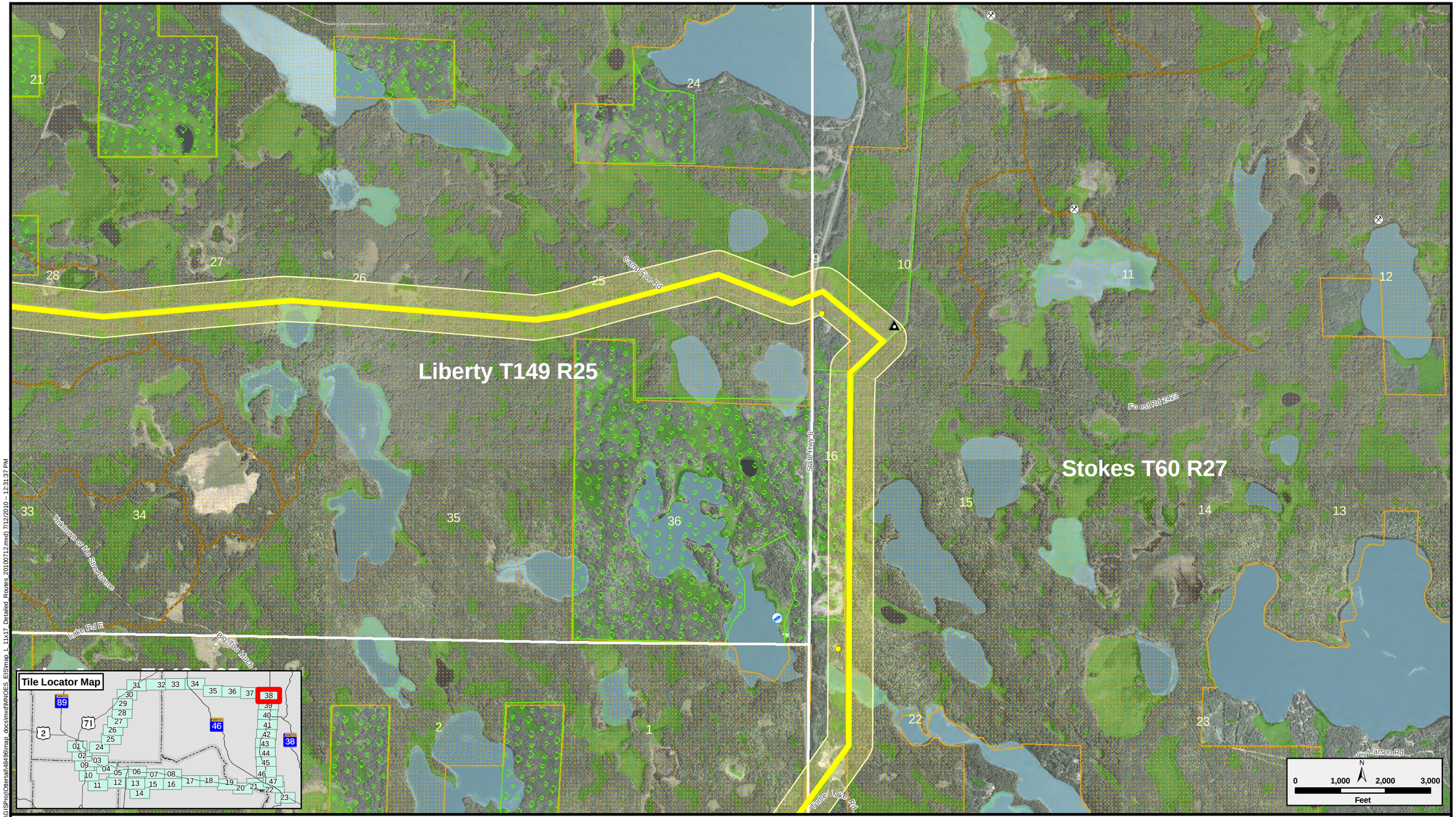


Route Alternatives
- Route 1
- Route 2
- Route 3
- Route 4
- Alternate Route Segment

Route ROW Alternatives
- Route 1
- Route 2
- Route 3
- Route 4

- Project Endpoints
- Breaker Station
- Proposed Substation

Existing Transmission Lines
- 69 kV
- 115 kV
- 230 kV

- Leech Lake Reservation
- Propsoed Pipelines
- Existing Pipeline
- Communication Tower
- Existing Substation

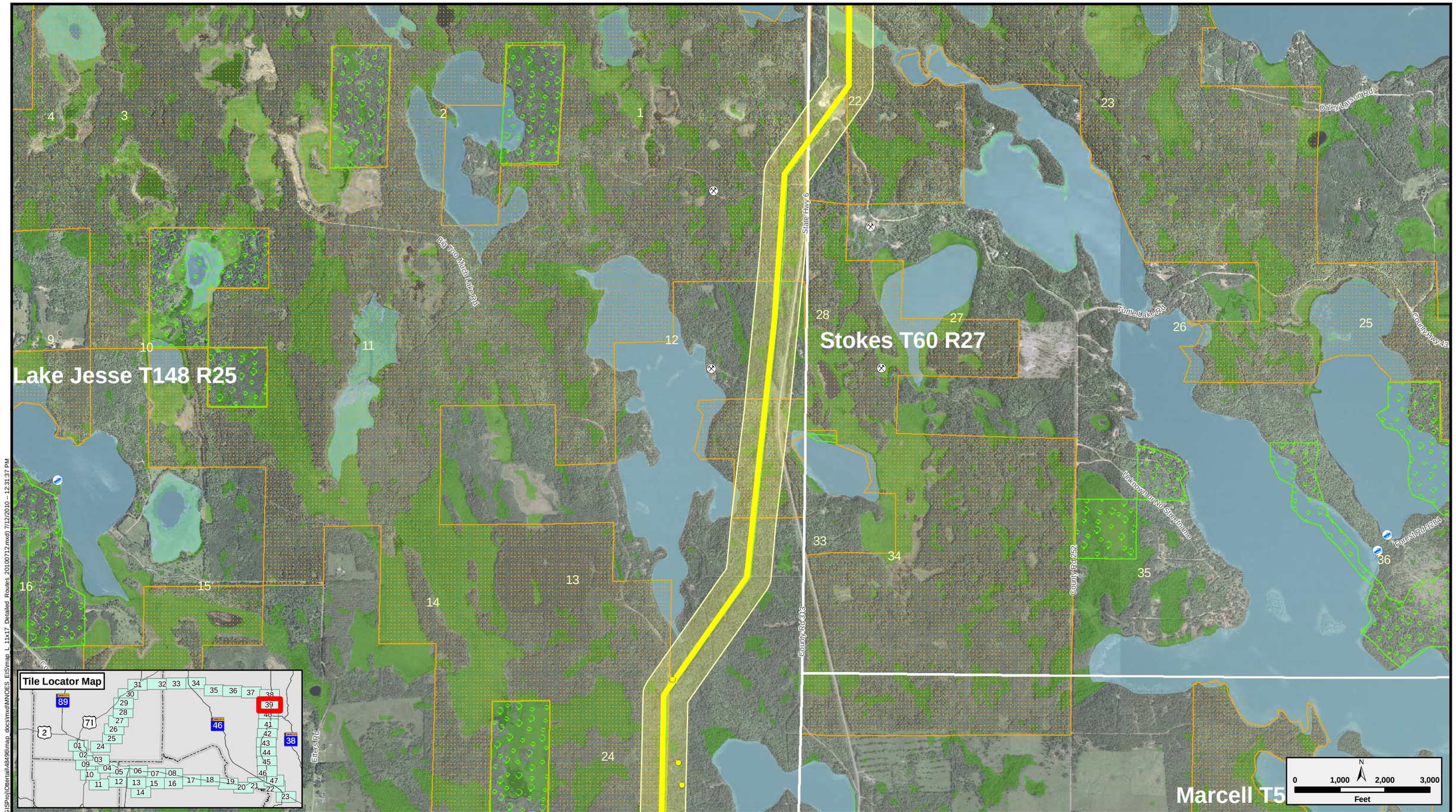
Natural Resource Areas
- Wildlife Management Area
- Chippewa National Forest
- MN State Forest
- MN DNR SNA

Hyrdology
- NWI Wetland
- PWI Wetland
- PWI Stream

- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 38 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement

Map Document: (\\mspe-gis-file\GISProj\Ottertail\48496\map_docs\mxd\MNOES_EIS\map_L_11x17_Detailed_Routes_20100712.mxd) 7/12/2010 -- 12:31:37 PM



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Route Alternatives
- Route 1
- Route 2
- Route 3
- Route 4
- Alternate Route Segment

Route ROW Alternatives
- Route 1
- Route 2
- Route 3
- Route 4

- Project Endpoints
- Breaker Station
- Proposed Substation

Existing Transmission Lines
- 69 kV
- 115 kV
- 230 kV

- Leech Lake Reservation
- Propsoed Pipelines
- Existing Pipeline
- Communication Tower
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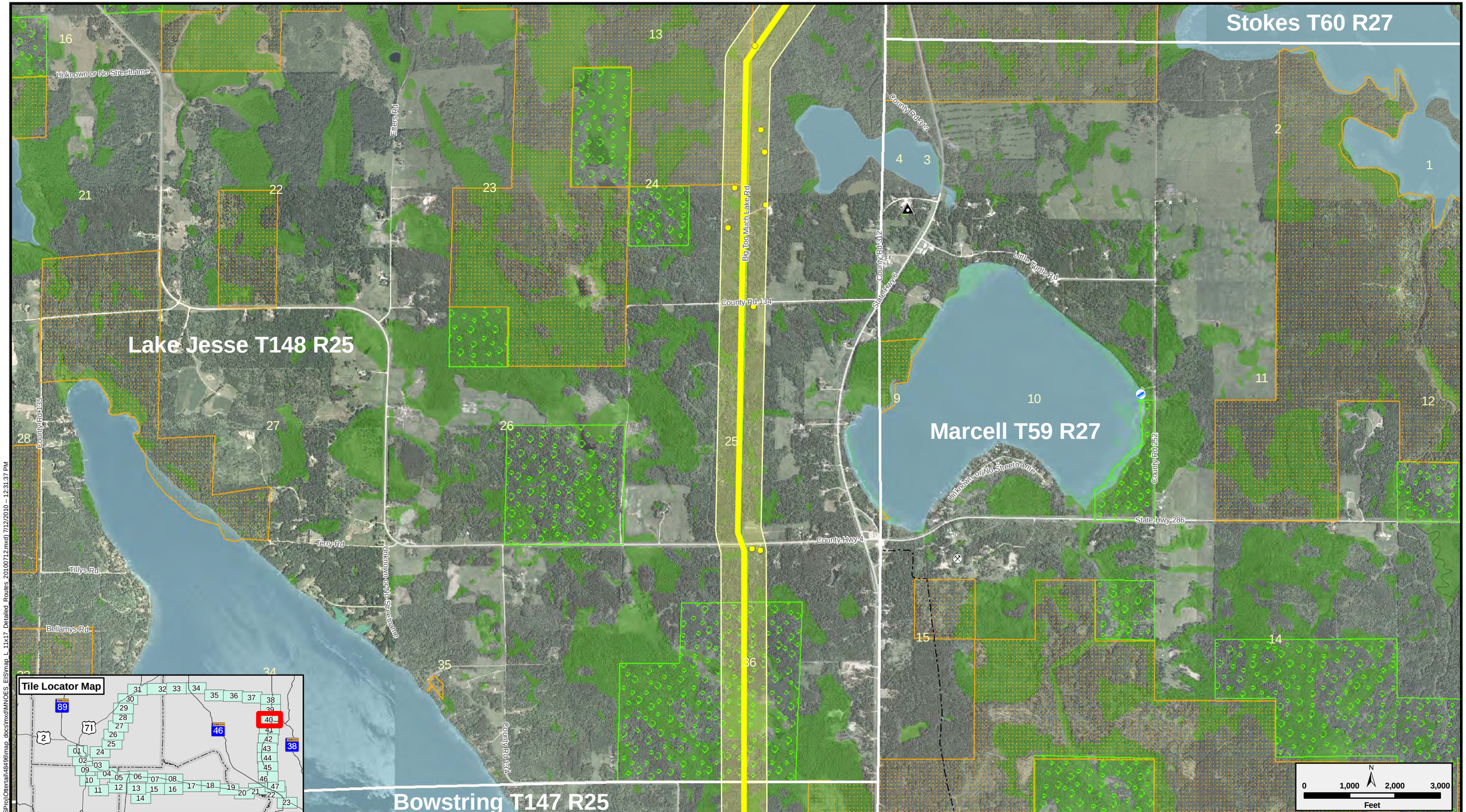
Natural Resource Areas
- Wildlife Management Area
- Chippewa National Forest
- MN State Forest
- MN DNR SNA

Hyrdology
- NWI Wetland
- PWI Wetland
- PWI Stream

- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 39 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement



Route Alternatives
- Route 1
- Route 2
- Route 3
- Route 4
- Alternate Route Segment

Route ROW Alternatives
- Route 1
- Route 2
- Route 3
- Route 4

- Project Endpoints
- Breaker Station
- Proposed Substation

Existing Transmission Lines
- 69 kV
- 115 kV
- 230 kV

- Leech Lake Reservation
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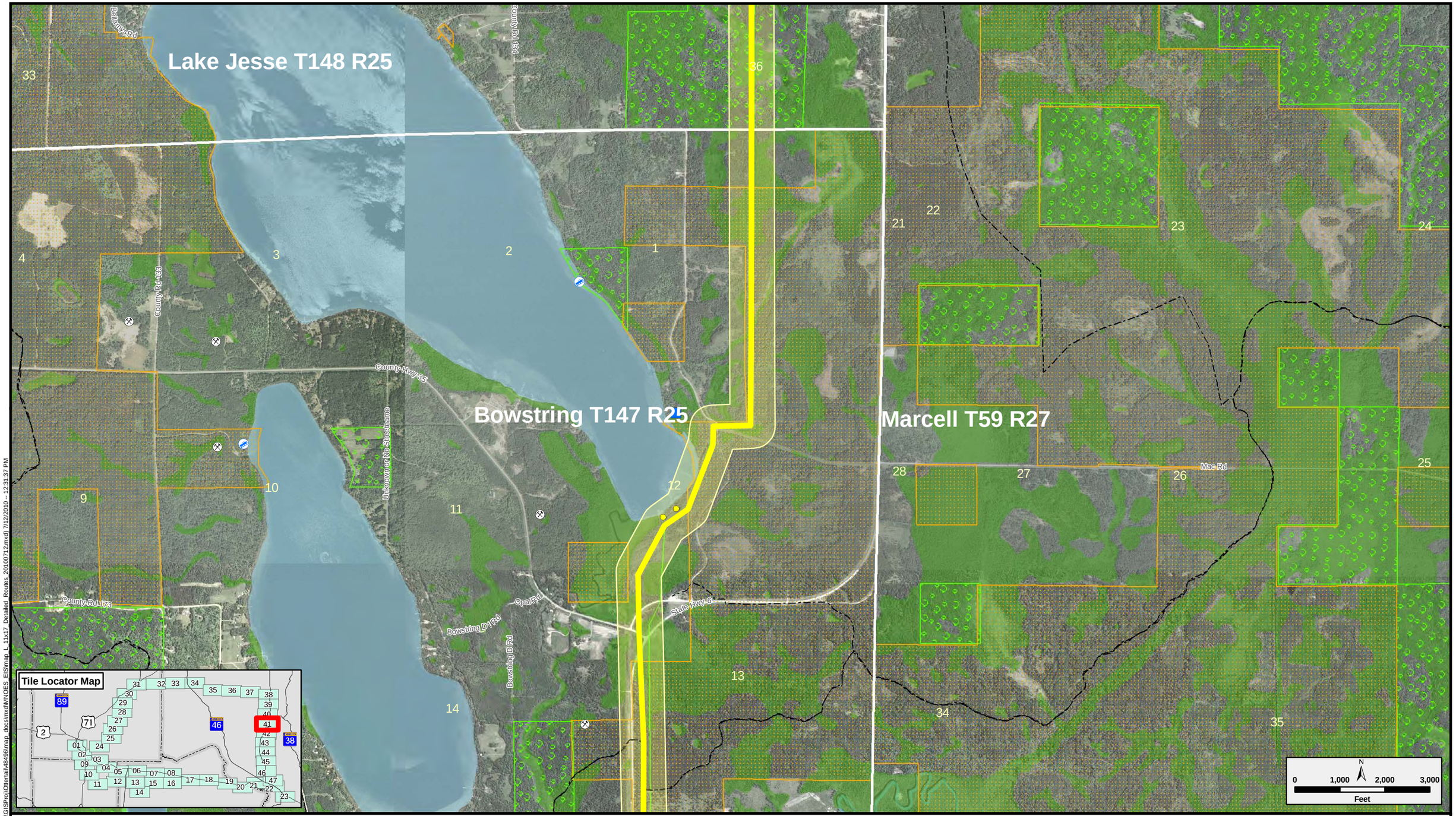
Natural Resource Areas
- Wildlife Management Area
- Chippewa National Forest
- MN State Forest
- MN DNR SNA

Hyrdology
- NWI Wetland
- PWI Wetland
- PWI Stream

- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 40 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement

Map Document: (\\nspe-gis-file\GISProj\Otterrail\48496\map_docs\mxd\MNOES_EIS\map_L_11x17_Detailed_Routes_20100712.mxd) 7/12/2010 -- 12:31:37 PM



Route Alternatives
- Route 1
- Route 2
- Route 3
- Route 4
- Alternate Route Segment

Route ROW Alternatives
- Route 1
- Route 2
- Route 3
- Route 4

- Project Endpoints
- Breaker Station
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Existing Transmission Lines
- 69 kV
- 115 kV
- 230 kV

- Leech Lake Reservation
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Natural Resource Areas
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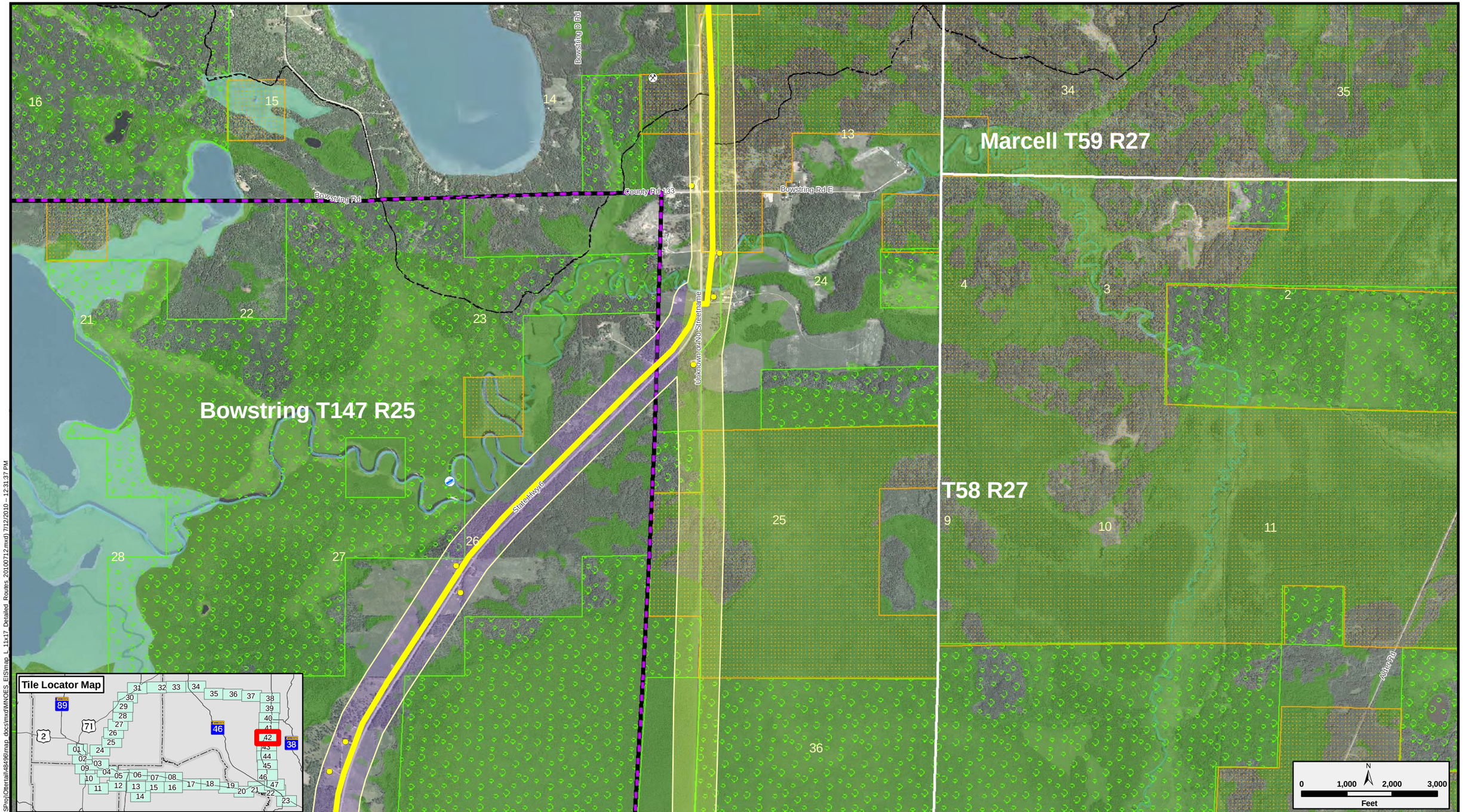
- Chippewa National Forest
- MN State Forest
- MN DNR SNA

Hyrdology
- NWI Wetland
- PWI Wetland
- PWI Stream

- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 41 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement

Map Document: (\\mspe-gis-file\GISProj\Ottertail\48496\map_docs\mxd\MNOES_EIS\map_L_11x17_Detailed_Routes_20100712.mxd) 7/12/2010 -- 12:31:37 PM



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Route Alternatives
- Route 1
- Route 2
- Route 3
- Route 4
- Alternate Route Segment

Route ROW Alternatives
- Route 1
- Route 2
- Route 3
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- Project Endpoints
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Natural Resource Areas
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- Chippewa National Forest
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Hyrdology
- NWI Wetland
- PWI Wetland
- PWI Stream

- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 42 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement

Map Document: (\\mspe-gis-file\GISProj\Otertail\48496\map_docs\mxd\MNOES_EIS\map_L_11x17_Detailed_Routes_20100712.mxd) 7/12/2010 -- 12:31:37 PM

Route Alternatives
- Route 1
- Route 2
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- Alternate Route Segment

Route ROW Alternatives
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Natural Resource Areas
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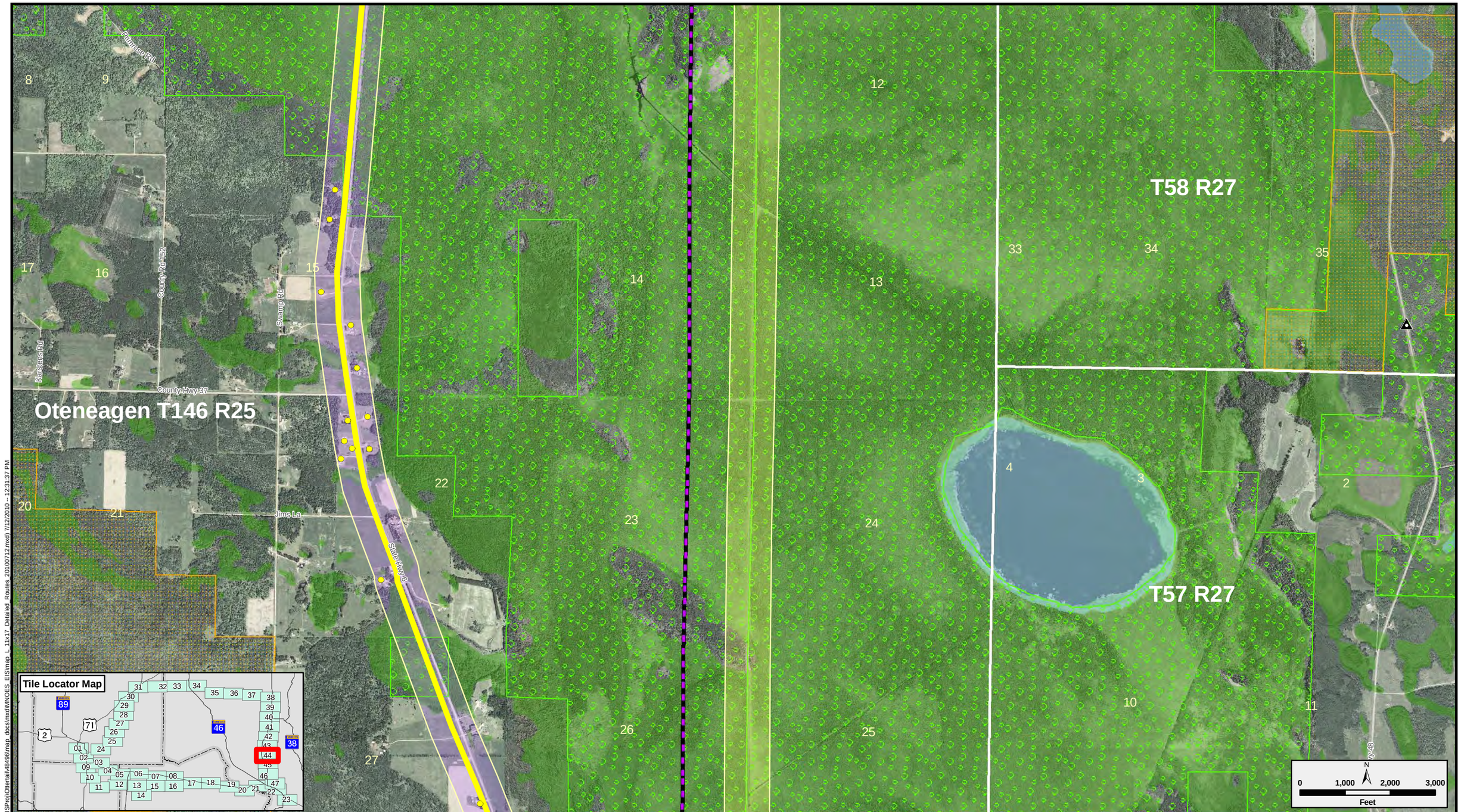
Hyrdology
- NWI Wetland
- PWI Wetland
- PWI Stream

- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 43 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement



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USDA Rural Development

office of energy security

Route Alternatives
- Route 1
- Route 2
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- Alternate Route Segment

Route ROW Alternatives
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- Snowmobile
- Recreational Trails
- Water Access
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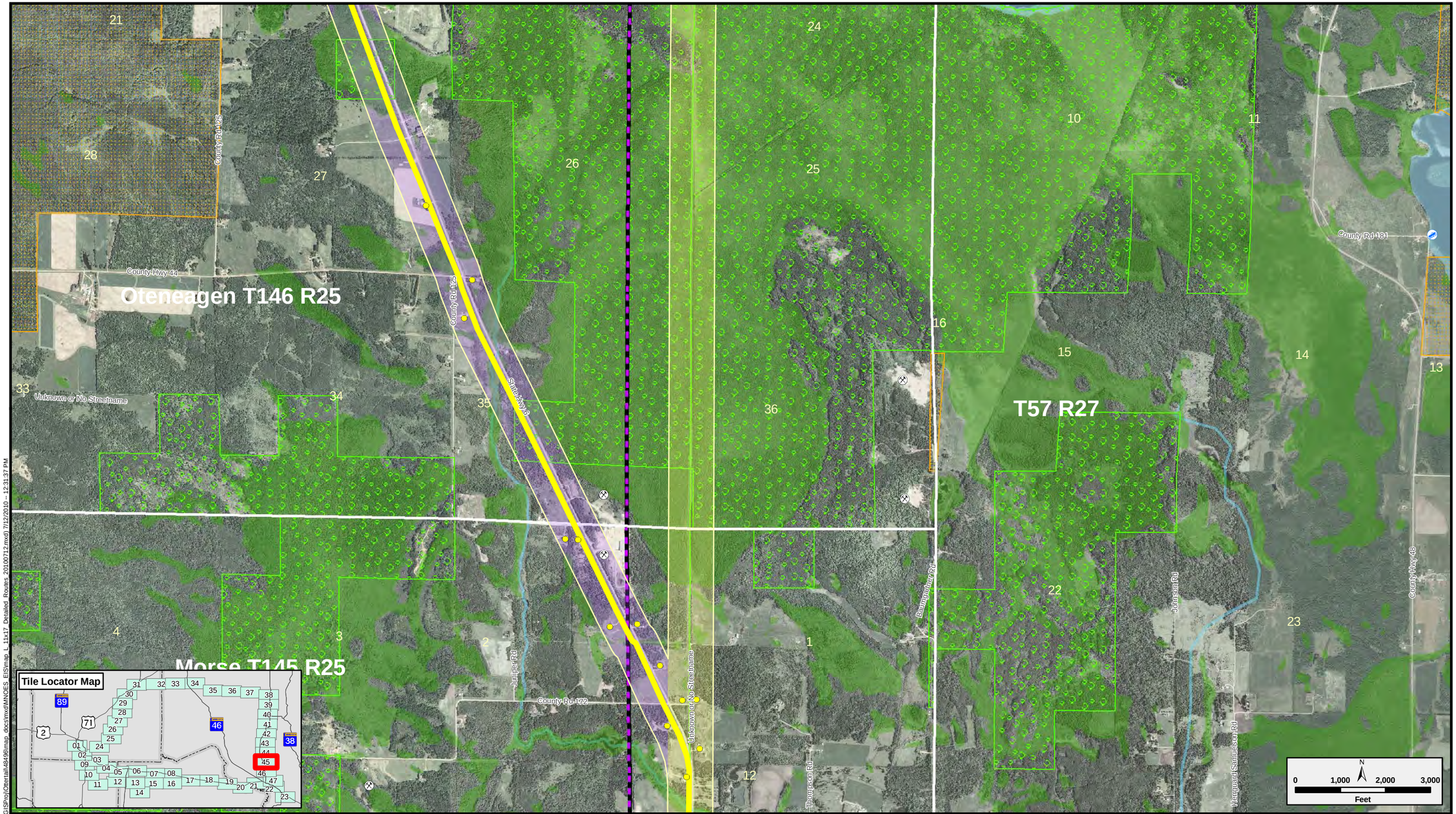
Appendix D, Sheet 44 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement



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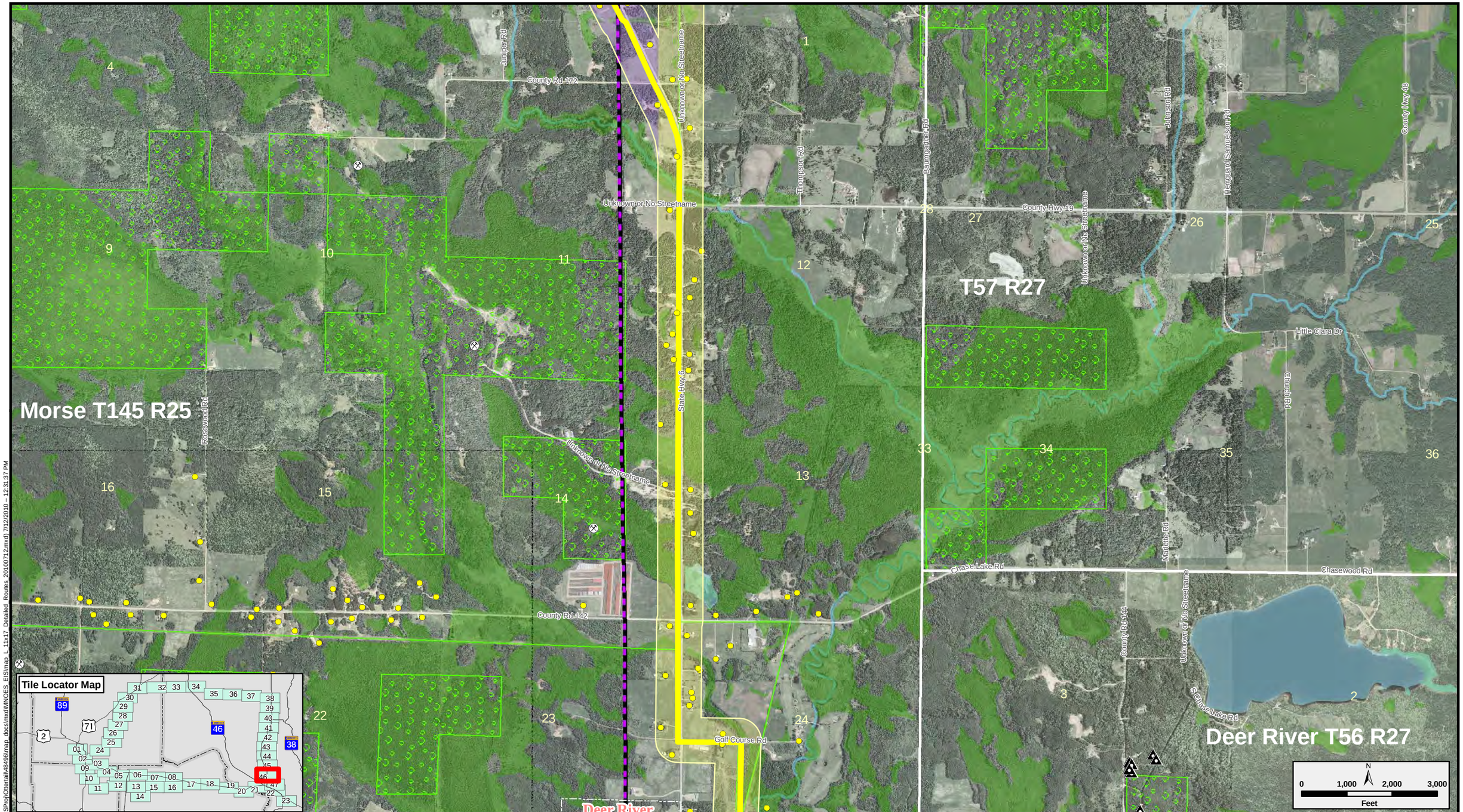
- Snowmobile
- Recreational Trails
- Water Access
- Residence
- Gravel Pit

Appendix D, Sheet 45 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement



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- Water Access
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Appendix D, Sheet 46 of 47
Detailed Route Maps
230 kV BGR Transmission Line
Final Environmental Impact Statement

Map Document: (\\mspe-gis-file\GISProj\Otterail\48496\map_docs\mxd\MN\OES_EIS\map_L_11x17_Detailed_Routes_20100712.mxd) 7/12/2010 -- 12:31:37 PM