

---

---

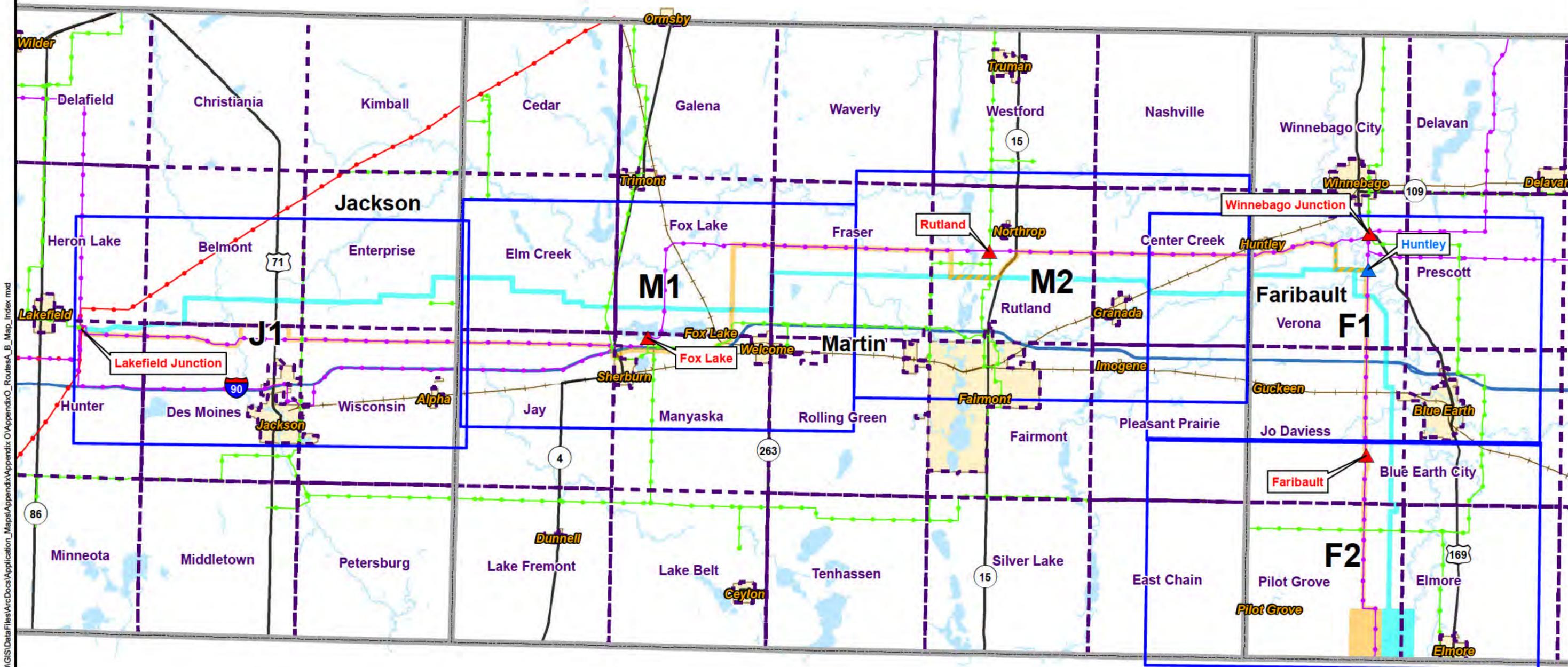
# Appendix O

## Environmental Feature Maps

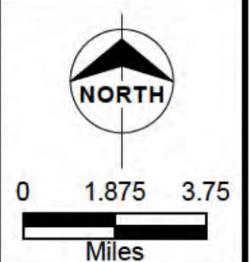
---

---

This Page Intentionally Left Blank



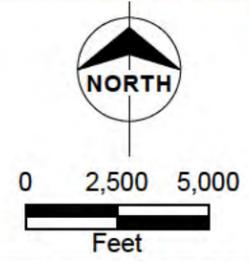
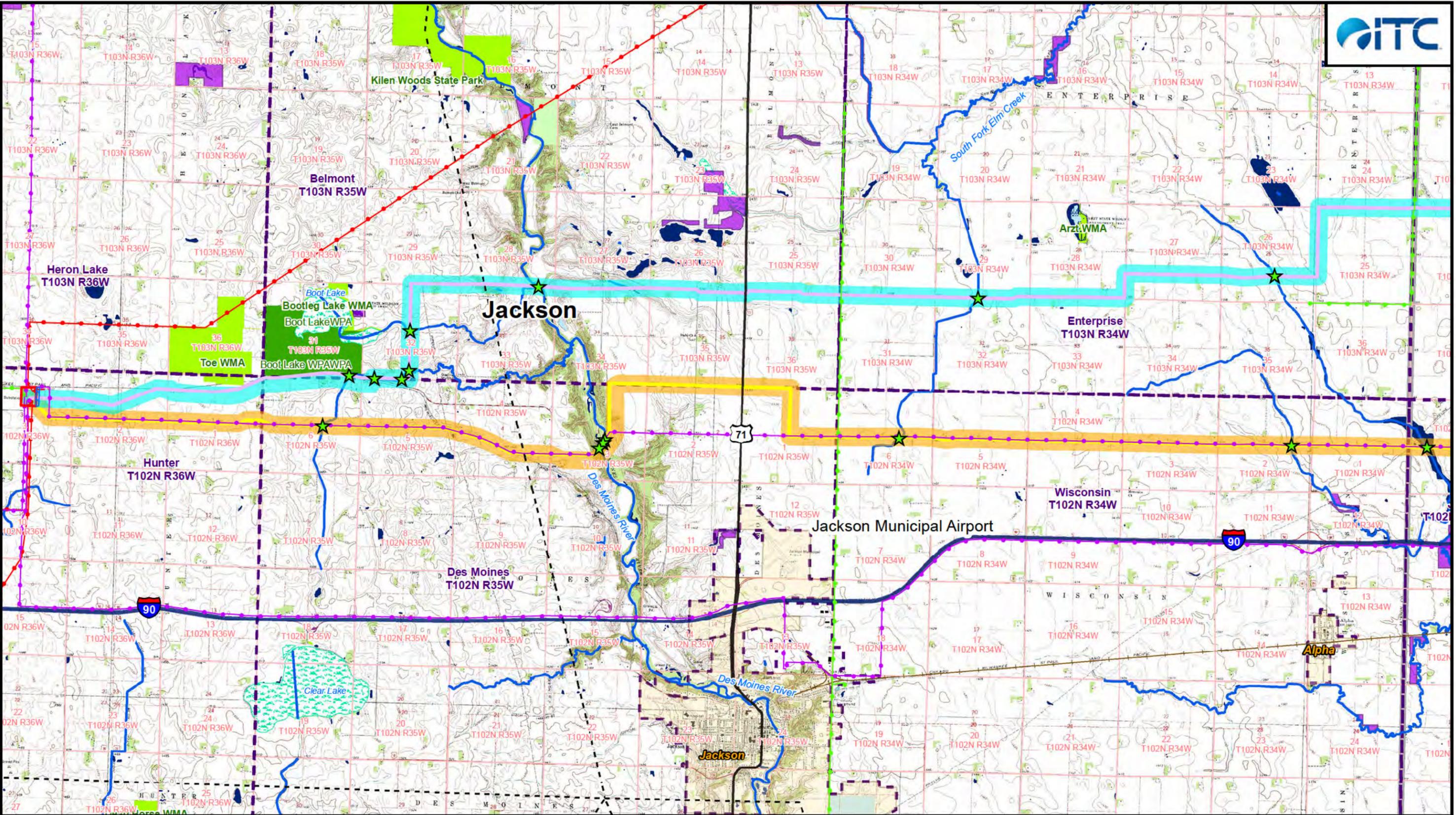
I:\psr\data\Projects\ITC\66742\_HUNTLEY\_LAKEFIELD\GIS\DataFiles\ArcDocs\Application\_Maps\Appendix\Appendix O\Appendix O\_RoutesA\_B\_Map\_Index.mxd



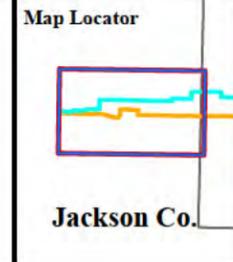
Legend			
	Route A		Existing Substation
	Route B		Proposed Substation
	Existing 69 kV Lines		Civil Township
	Existing 161 kV Lines		City
	Existing 345 kV Lines		County Boundary
			State Boundary
			Railroad

Appendix O  
 ITC Midwest  
 Minnesota-Iowa  
 345 kV Transmission Project  
 Proposed Routes A & B  
 Map Index

R:\ITC\66742\_HUNTLEY\_LAKEFIELD\GIS\DataFiles\ArcDocs\Application\_Maps\Appendix\Appendix O\Jackson\_County\_Mapbook\_15-Mar-2013.mxd  
COPYRIGHT © 2013 BURNS & MCDONNELL ENGINEERING COMPANY, INC.

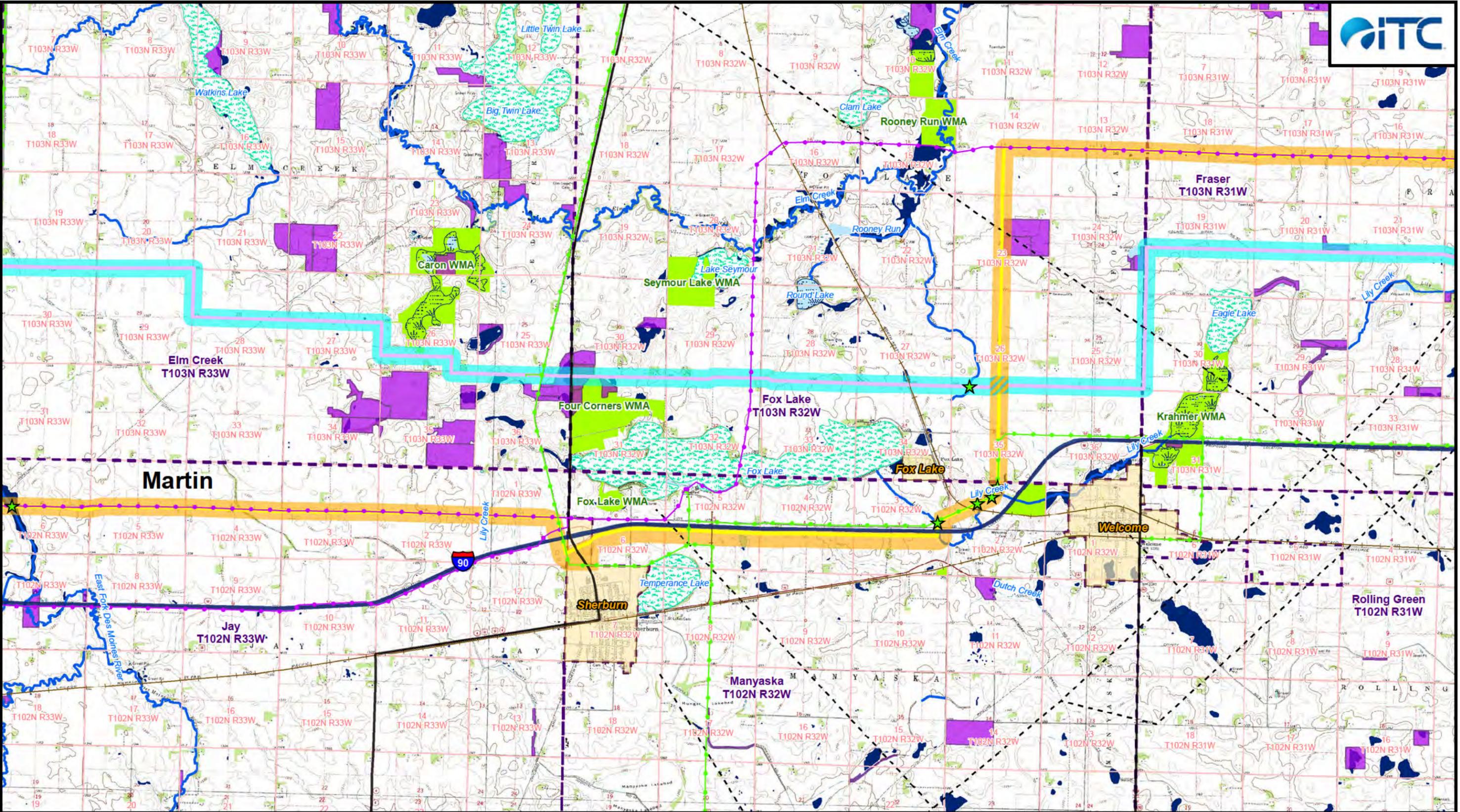


- |                               |                       |                        |                            |                   |
|-------------------------------|-----------------------|------------------------|----------------------------|-------------------|
| Existing Substation Area      | Existing 69 kV Lines  | County Boundary        | RIM Conservation Easements | Floodplains       |
| Proposed Substation/Expansion | Existing 161 kV Lines | Railroad               | Stream/River Crossing      | PWI Water Basin   |
| Route A                       | Existing 345 kV Lines | Existing Pipeline      | NHD Stream/River           | PWI Water Wetland |
| Route B                       | Civil Township        | Local Park/Public Land | PWI Stream                 |                   |
| Route A - Application ROW     | Township Sections     | WPA                    | NWI Wetlands               |                   |
| Route B - Application ROW     | City                  | State Park or WMA      |                            |                   |

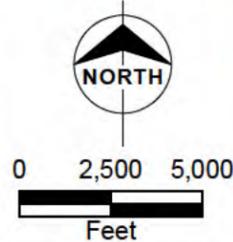


Appendix O  
ITC Midwest  
Minnesota-Iowa  
345 kV Transmission Project

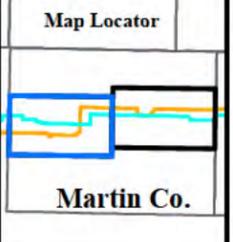
Jackson Co.      Jackson County  
Sheet 1 of 1



R:\ITC\66742\_HUNTLEY\_LAKE\GIS\DataFiles\ArcDocs\Application\_Maps\Appendix\Appendix O\Martin\_County\_Mapbook\_15-Mar-2013.mxd  
COPYRIGHT © 2013 BURNS & McDONNELL ENGINEERING COMPANY, INC.



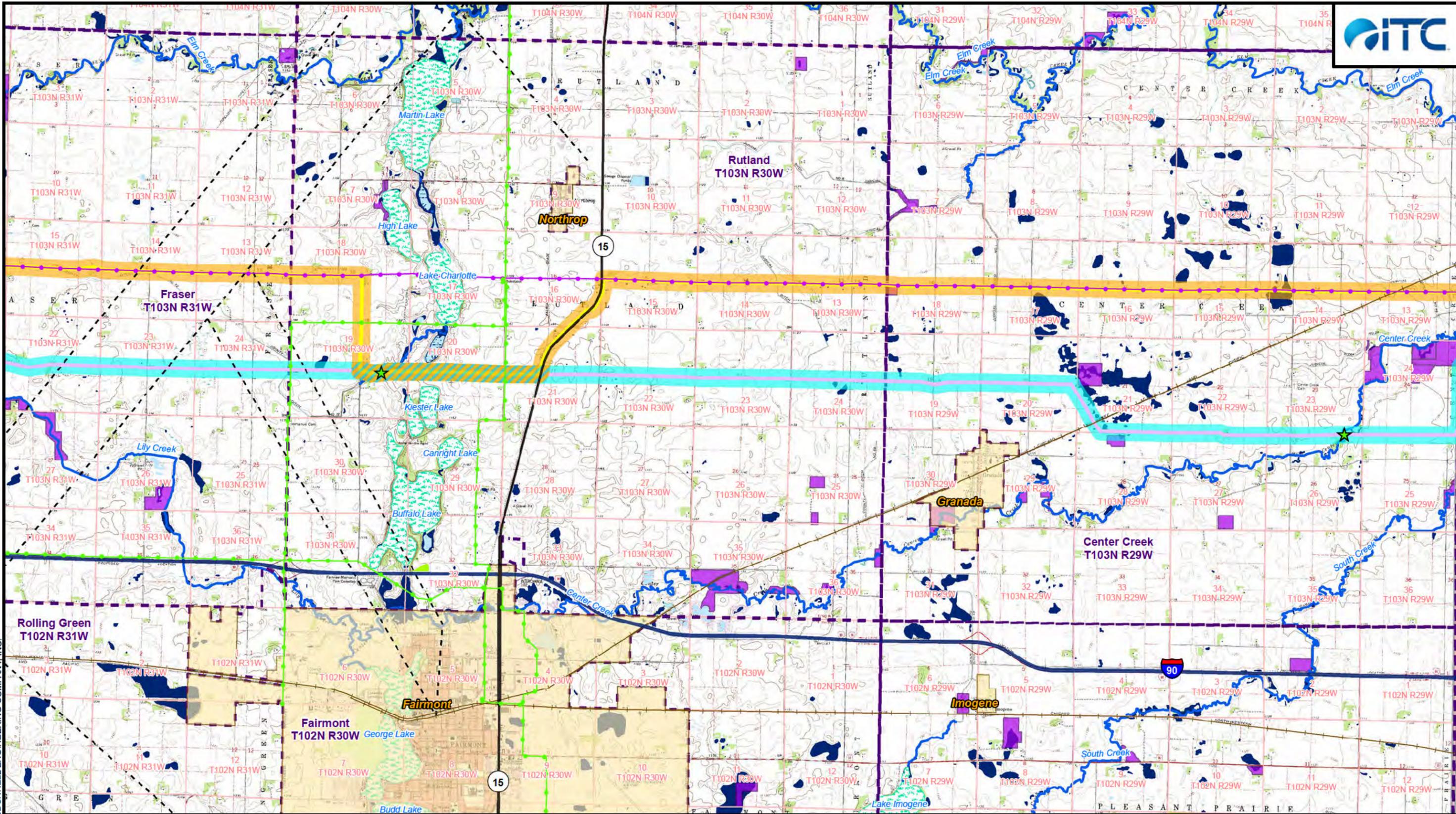
- |                           |                   |                       |                       |                            |                   |
|---------------------------|-------------------|-----------------------|-----------------------|----------------------------|-------------------|
| Route A                   | County Boundary   | Existing 69 kV Lines  | Railroad              | Local Park/Public Land     | PWI Water Basin   |
| Route B                   | Civil Township    | Existing 161 kV Lines | NHD Stream/River      | RIM Conservation Easements | PWI Water Wetland |
| Route A - Application ROW | Township Sections | Existing 345 kV Lines | PWI Stream            | Floodplains                | WPA               |
| Route B - Application ROW | City              | Existing Pipeline     | Stream/River Crossing | State Park or WMA          | NWI Wetlands      |



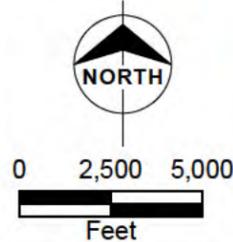
Appendix O  
ITC Midwest  
Minnesota-Iowa  
345 kV Transmission Project

Martin Co.

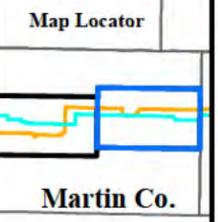
Martin County  
Sheet 1 of 2



R:\ITC\66742\_HUNTLEY\_LAKE\GIS\DataFiles\ArcDocs\Application\_Maps\Appendix\Appendix O\Martin\_County\_Mapbook\_15-Mar-2013.mxd  
COPYRIGHT © 2013 BURNS & MCDONNELL ENGINEERING COMPANY, INC.



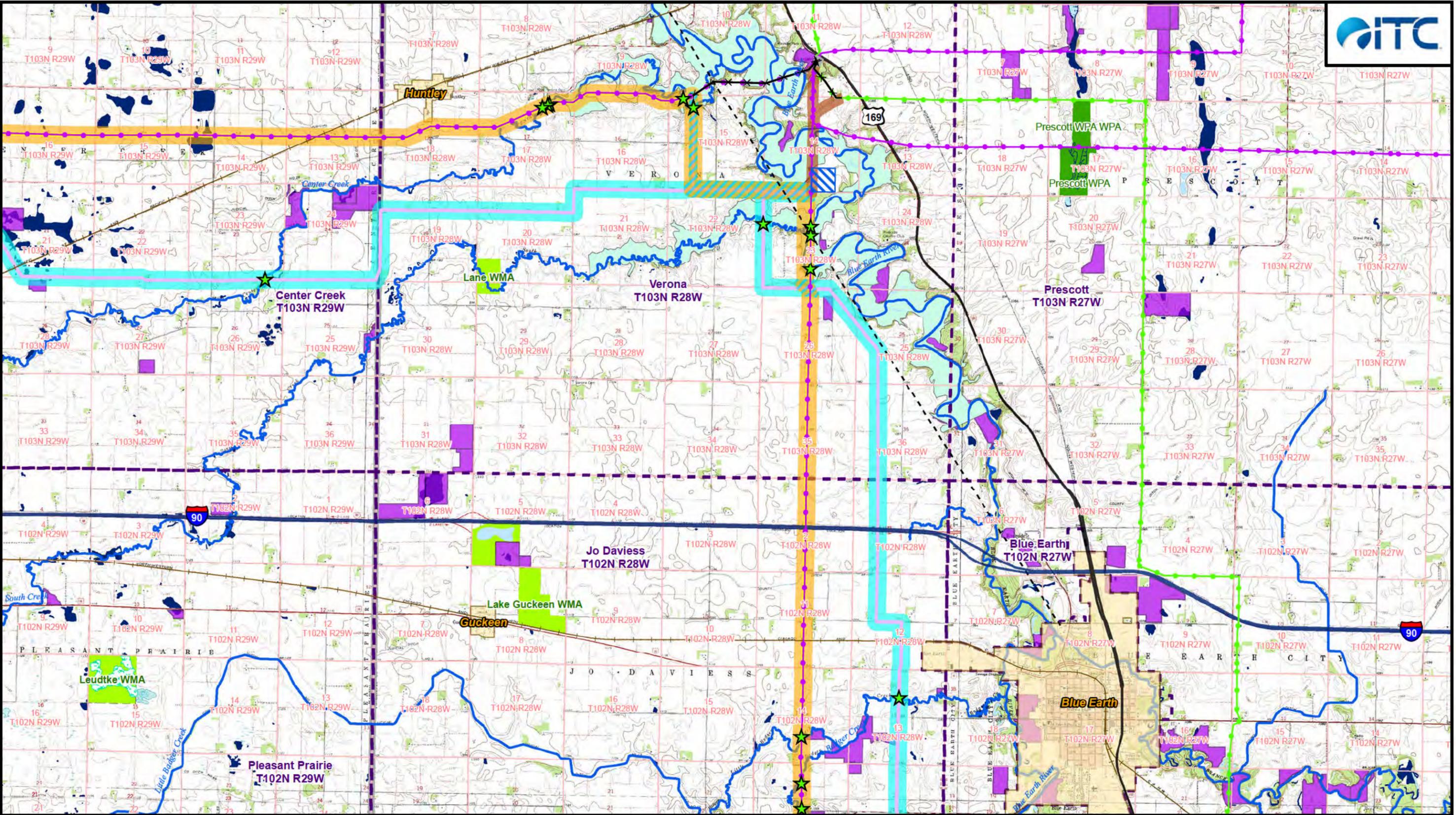
- |                           |                   |                       |                       |                            |                   |
|---------------------------|-------------------|-----------------------|-----------------------|----------------------------|-------------------|
| Route A                   | County Boundary   | Existing 69 kV Lines  | Railroad              | Local Park/Public Land     | PWI Water Basin   |
| Route B                   | Civil Township    | Existing 161 kV Lines | NHD Stream/River      | RIM Conservation Easements | PWI Water Wetland |
| Route A - Application ROW | Township Sections | Existing 345 kV Lines | PWI Stream            | Floodplains                | WPA               |
| Route B - Application ROW | City              | Existing Pipeline     | Stream/River Crossing | State Park or WMA          | NWI Wetlands      |



Appendix O  
ITC Midwest  
Minnesota-Iowa  
345 kV Transmission Project

Martin Co.

Martin County  
Sheet 2 of 2

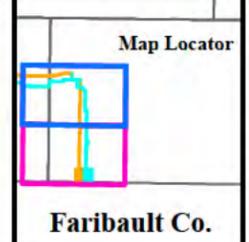


R:\ITC\66742\_HUNTLEY\_LAKEFIELD\GIS\DataFiles\ArcDocs\Application\_Maps\Appendix\Appendix O\Faribault\_County\_Mapbook\_15-Mar-2013.mxd  
COPYRIGHT © 2013 BURNS & MCDONNELL ENGINEERING COMPANY, INC.

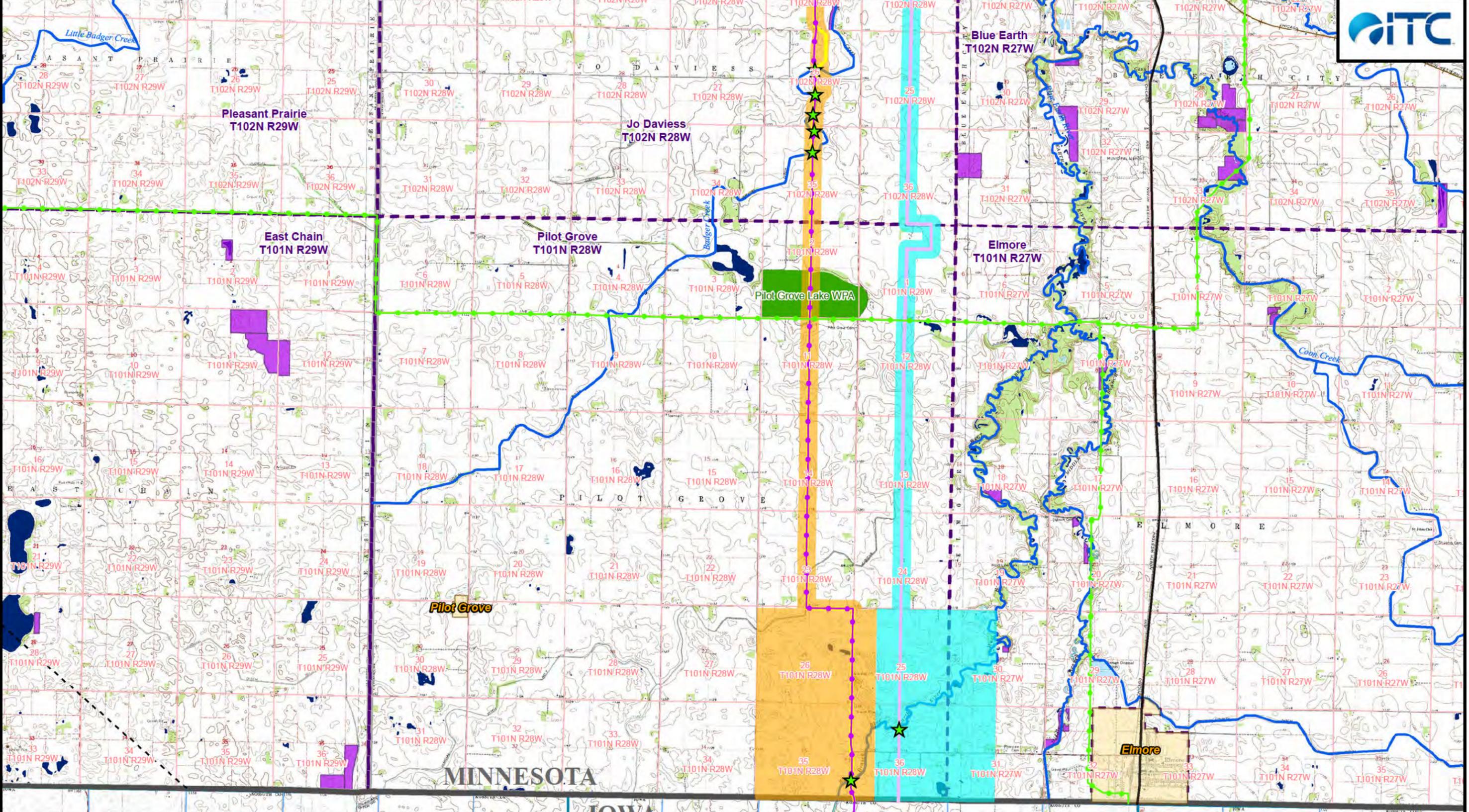


0 2,500 5,000  
Feet

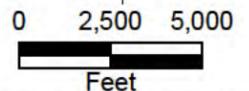
- |                                    |                       |                      |                            |                   |
|------------------------------------|-----------------------|----------------------|----------------------------|-------------------|
| Huntley Substation                 | Associated Facilities | Existing Pipeline    | State Boundary             | PWI Stream        |
| Winnebago Substation to be Removed | Line to be Removed    | Civil Township       | Local Park/Public Land     | NHD Stream/River  |
| Route A - Application ROW          | Existing 69 kV Lines  | MN Township Sections | State Park or WMA          | PWI Water Basin   |
| Route B - Application ROW          | Existing 161 kV Lines | IA Township Sections | WPA                        | PWI Water Wetland |
| Route A                            | Existing 345 kV Lines | City                 | RIM Conservation Easements | Floodplains       |
| Route B                            | Railroad              | County Boundary      | Stream/River Crossing      | NWI Wetlands      |



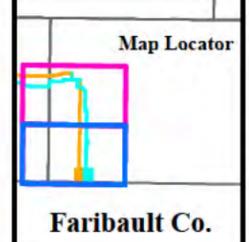
Appendix O  
ITC Midwest  
Minnesota-Iowa  
345 kV Transmission Project  
  
Faribault Co.  
Sheet 1 of 2



R:\ITC\66742\_HUNTLEY\_LAKEFIELD\GIS\DataFiles\ArcDocs\Application\_Maps\Appendix\Appendix O\Faribault\_County\_Mapbook\_15-Mar-2013.mxd  
COPYRIGHT © 2013 BURNS & MCDONNELL ENGINEERING COMPANY, INC.



- |                                    |                       |                      |                            |                   |
|------------------------------------|-----------------------|----------------------|----------------------------|-------------------|
| Huntley Substation                 | Associated Facilities | Existing Pipeline    | State Boundary             | PWI Stream        |
| Winnebago Substation to be Removed | Line to be Removed    | Civil Township       | Local Park/Public Land     | NHD Stream/River  |
| Route A - Application ROW          | Existing 69 kV Lines  | MN Township Sections | State Park or WMA          | PWI Water Basin   |
| Route B - Application ROW          | Existing 161 kV Lines | IA Township Sections | WPA                        | PWI Water Wetland |
| Route A                            | Existing 345 kV Lines | City                 | RIM Conservation Easements | Floodplains       |
| Route B                            | Railroad              | County Boundary      | Stream/River Crossing      | NWI Wetlands      |



Appendix O  
ITC Midwest  
Minnesota-Iowa  
345 kV Transmission Project

Faribault Co.  
Sheet 2 of 2