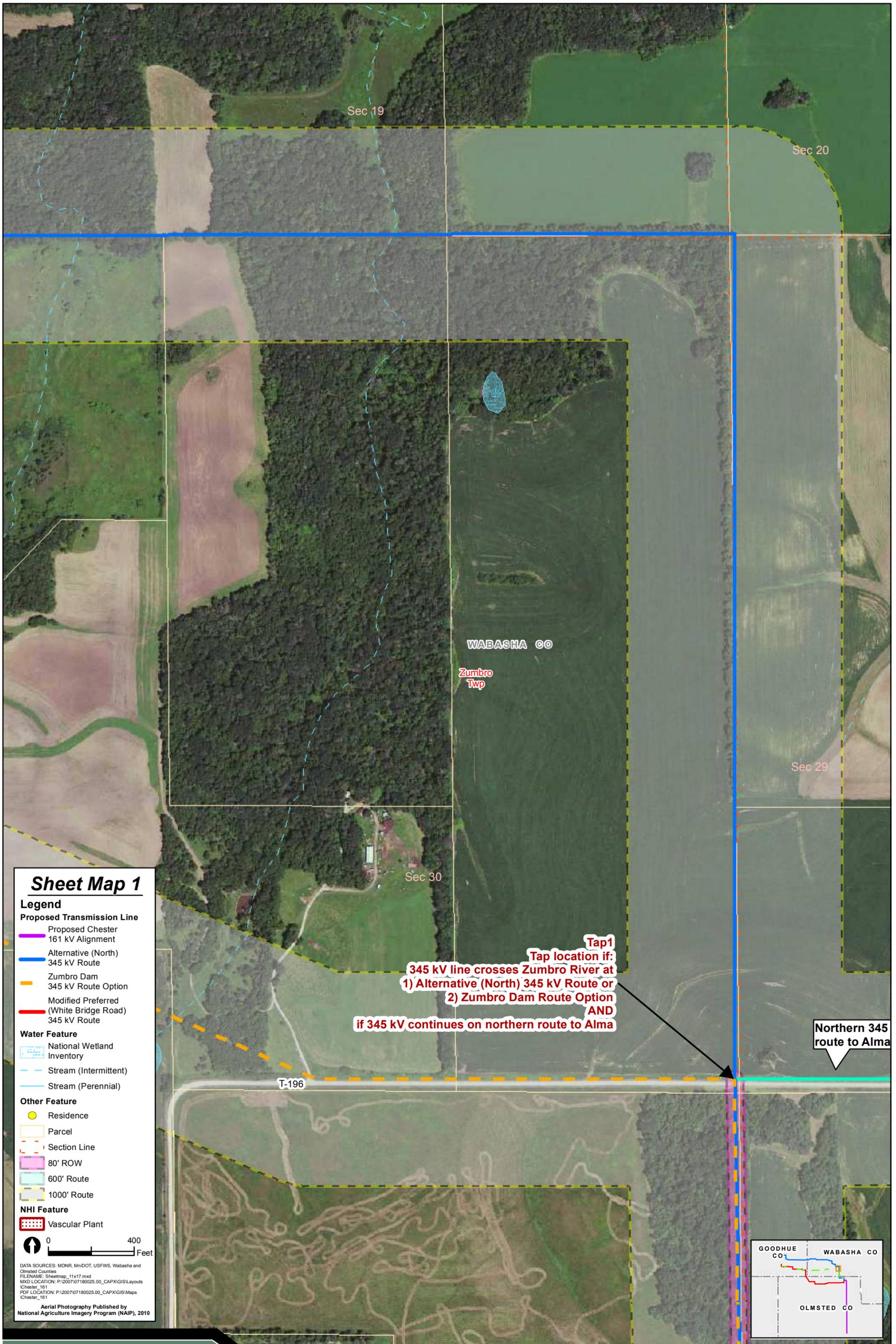


## **Appendix A: Figures and Resource Maps**





**Sheet Map 1**

**Legend**

**Proposed Transmission Line**

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

**Water Feature**

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

**Other Feature**

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

**NHI Feature**

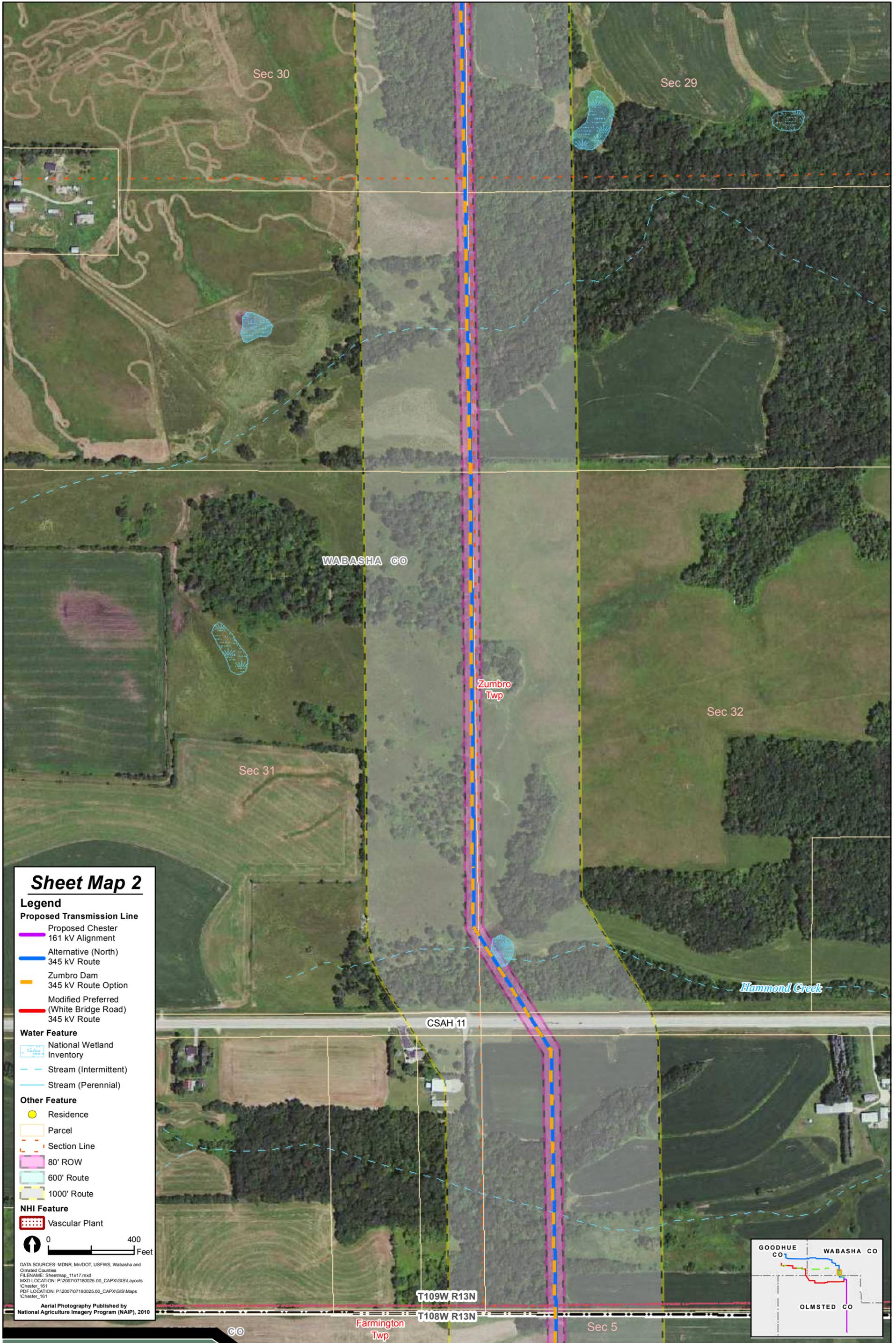
- Vascular Plant



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## Sheet Map 2

### Legend

#### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

#### Water Feature

- National Wetland Inventory
- - - Stream (Intermittent)
- Stream (Perennial)

#### Other Feature

- Residence
- Parcel
- - - Section Line
- 80' ROW
- 600' Route
- 1000' Route

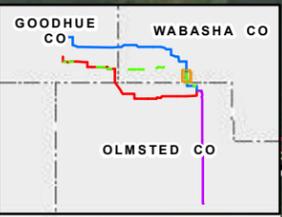
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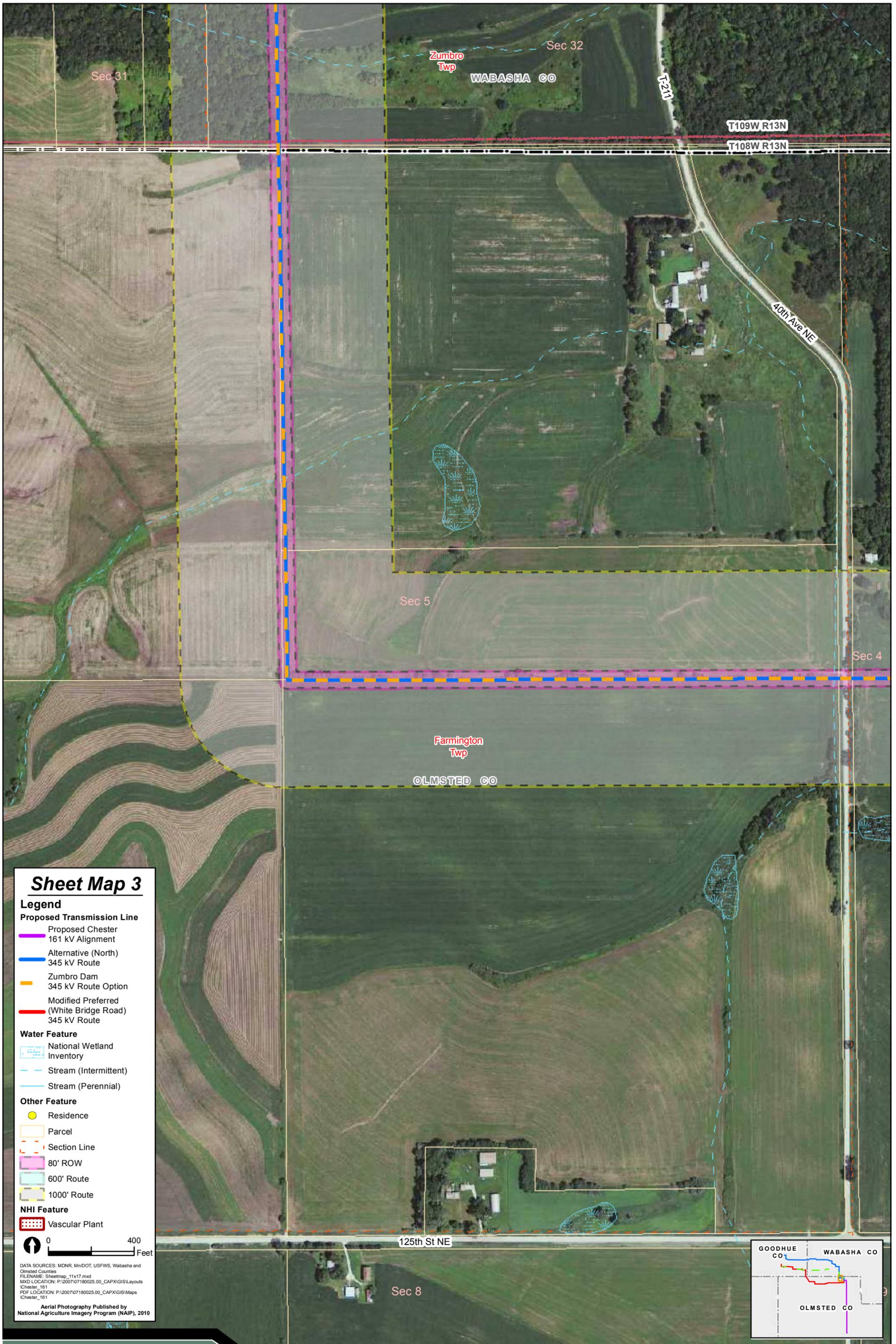
- Vascular Plant



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### Sheet Map 3

#### Legend

##### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

##### Water Feature

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

##### Other Feature

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

##### NHI Feature

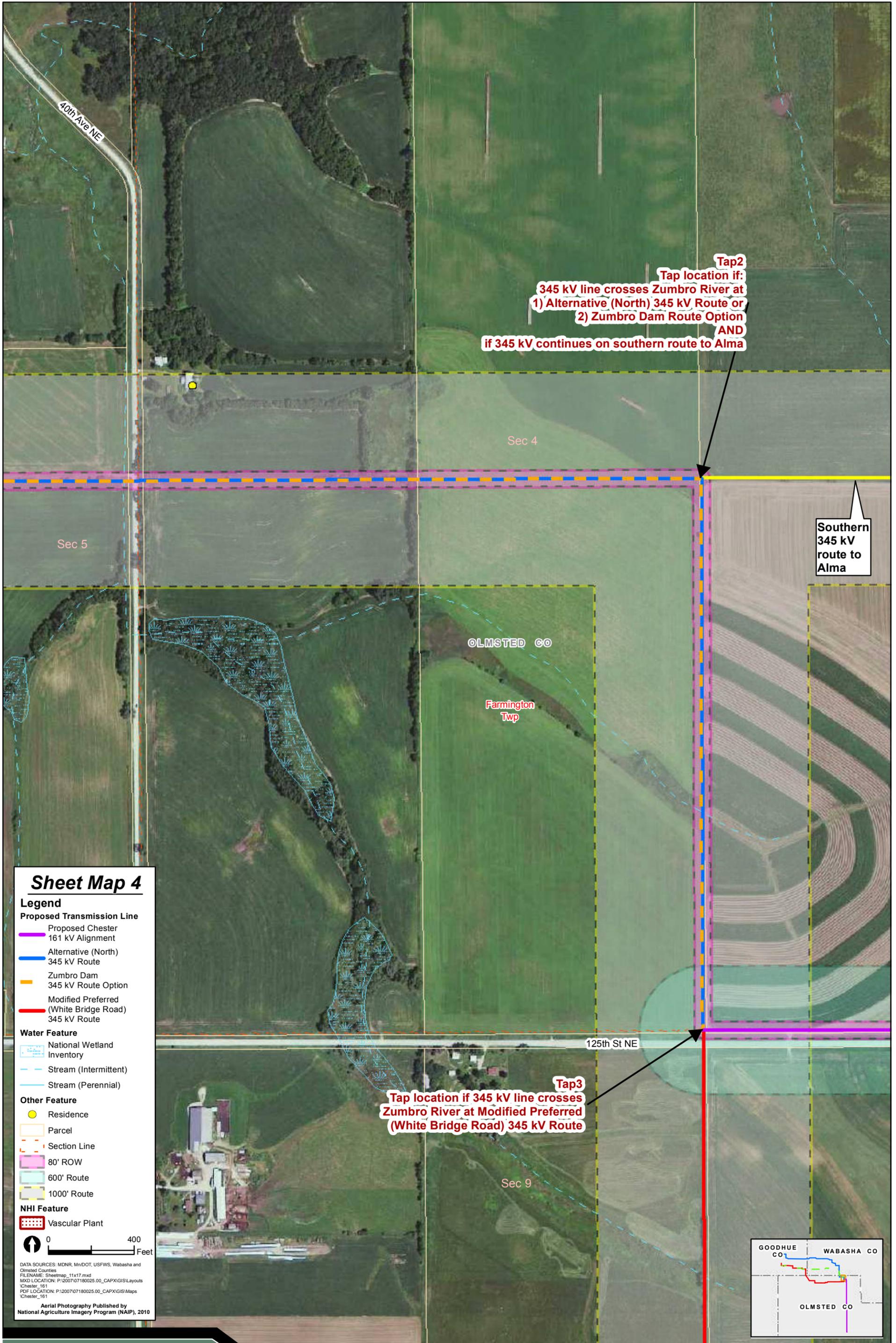
- Vascular Plant



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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**Tap2**  
 Tap location if:  
 345 kV line crosses Zumbro River at  
 1) Alternative (North) 345 kV Route or  
 2) Zumbro Dam Route Option  
 AND  
 if 345 kV continues on southern route to Alma

Southern  
 345 kV  
 route to  
 Alma

**Tap3**  
 Tap location if 345 kV line crosses  
 Zumbro River at Modified Preferred  
 (White Bridge Road) 345 kV Route

**Sheet Map 4**

**Legend**

**Proposed Transmission Line**

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

**Water Feature**

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

**Other Feature**

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

**NHI Feature**

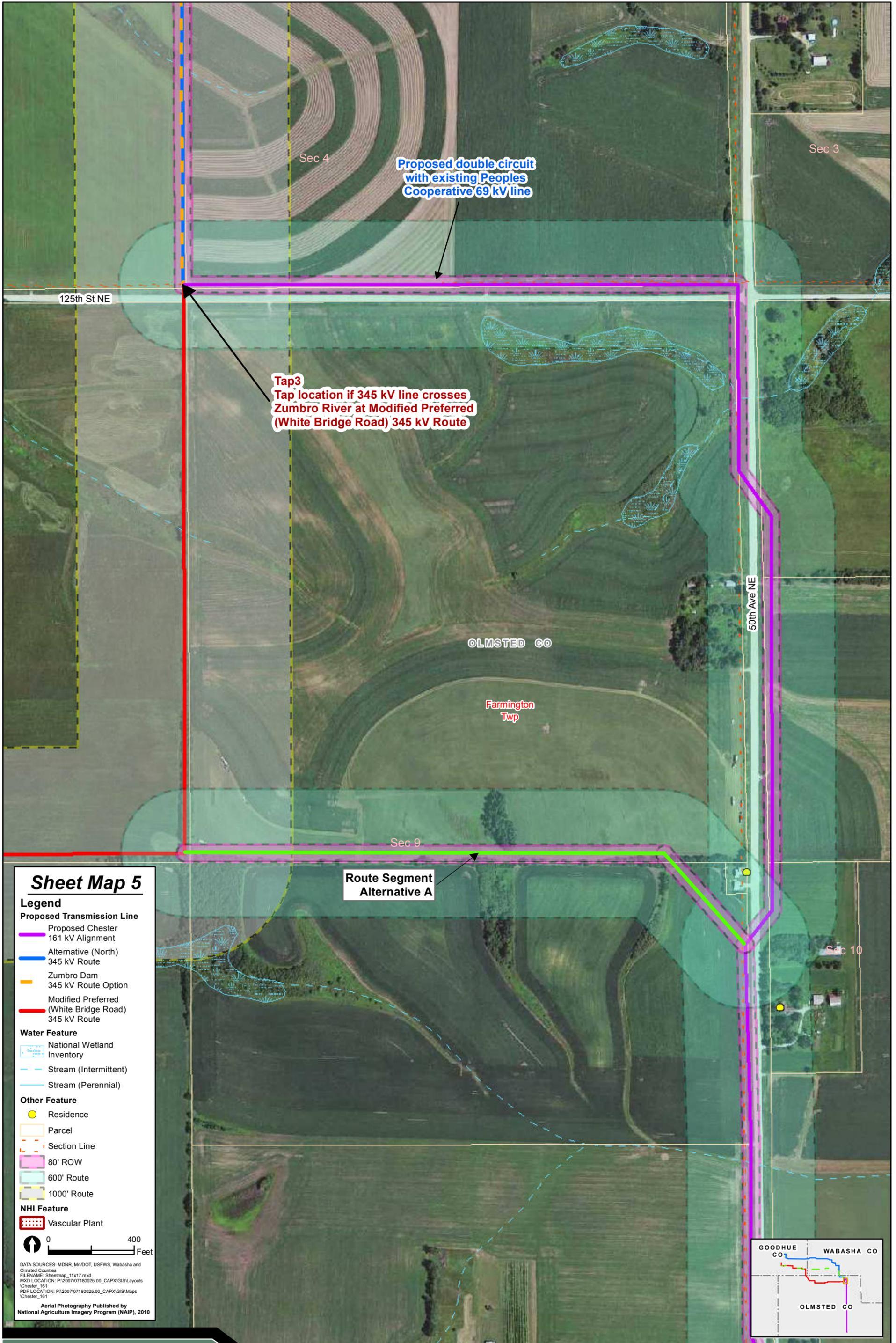
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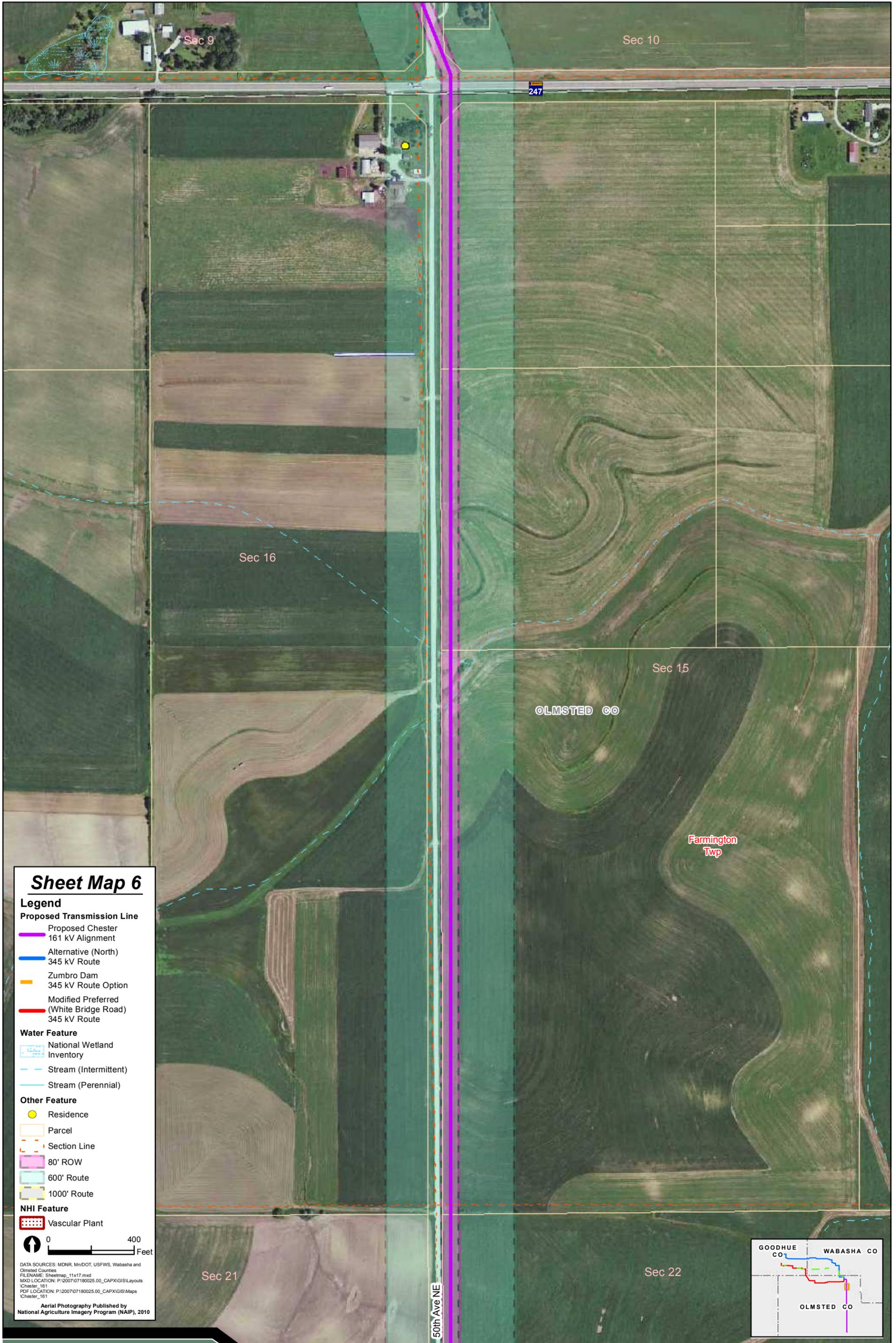
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## Sheet Map 6

### Legend

#### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

#### Water Feature

- National Wetland Inventory
- - - Stream (Intermittent)
- Stream (Perennial)

#### Other Feature

- Residence
- Parcel
- - - Section Line
- 80' ROW
- 600' Route
- 1000' Route

#### NHI Feature

- Vascular Plant



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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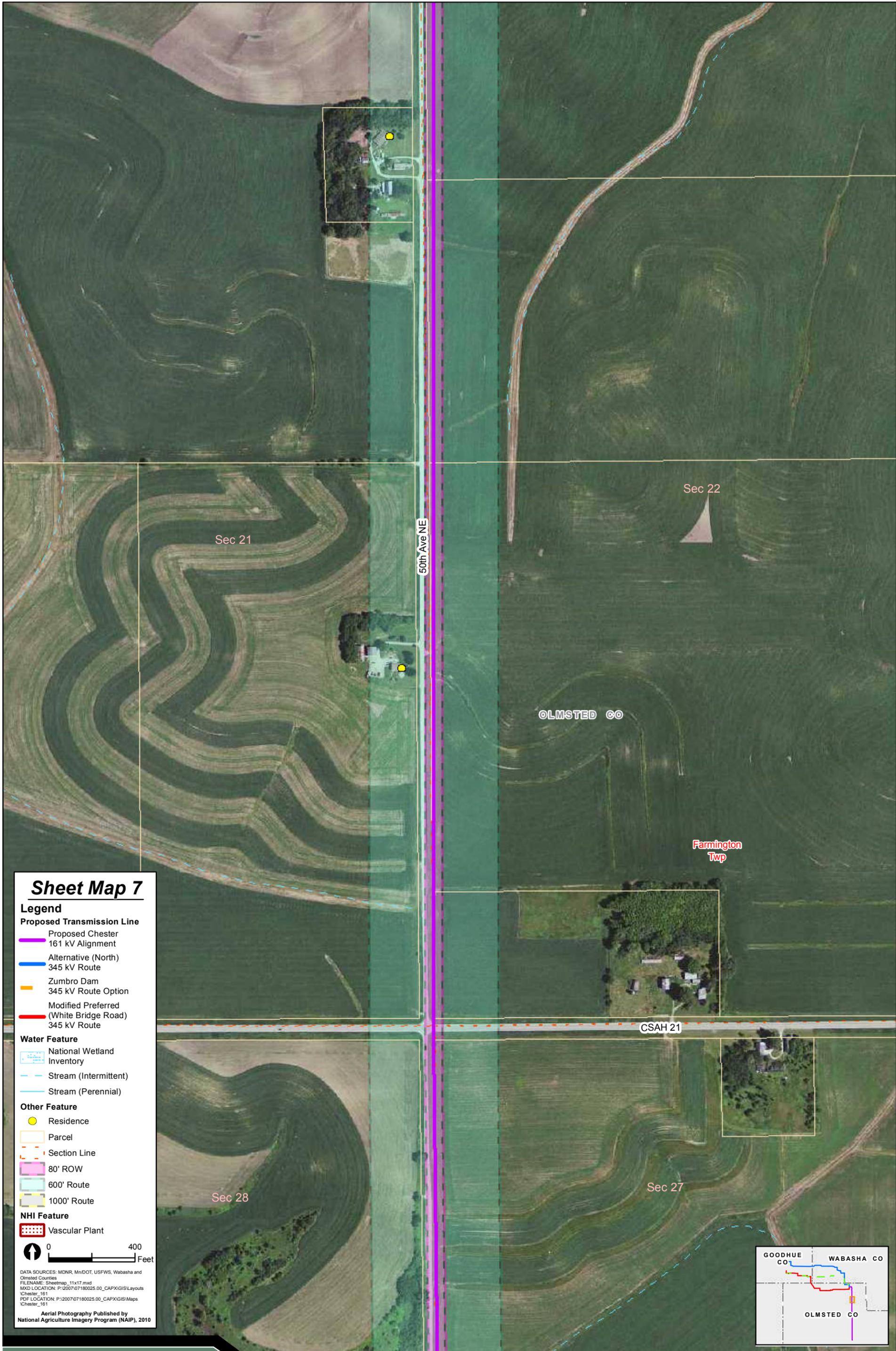
Minnesota Department of Commerce

## North Rochester - Chester 161 kV Transmission Project

Xcel Energy • Dairyland Power Cooperative • Rochester Public Utilities • WPPI Energy • Southern Minnesota Municipal Power Agency



Figure 9  
 Map Sheet 6  
 March 2012



## Sheet Map 7

### Legend

#### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

#### Water Feature

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

#### Other Feature

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

#### NHI Feature

- Vascular Plant



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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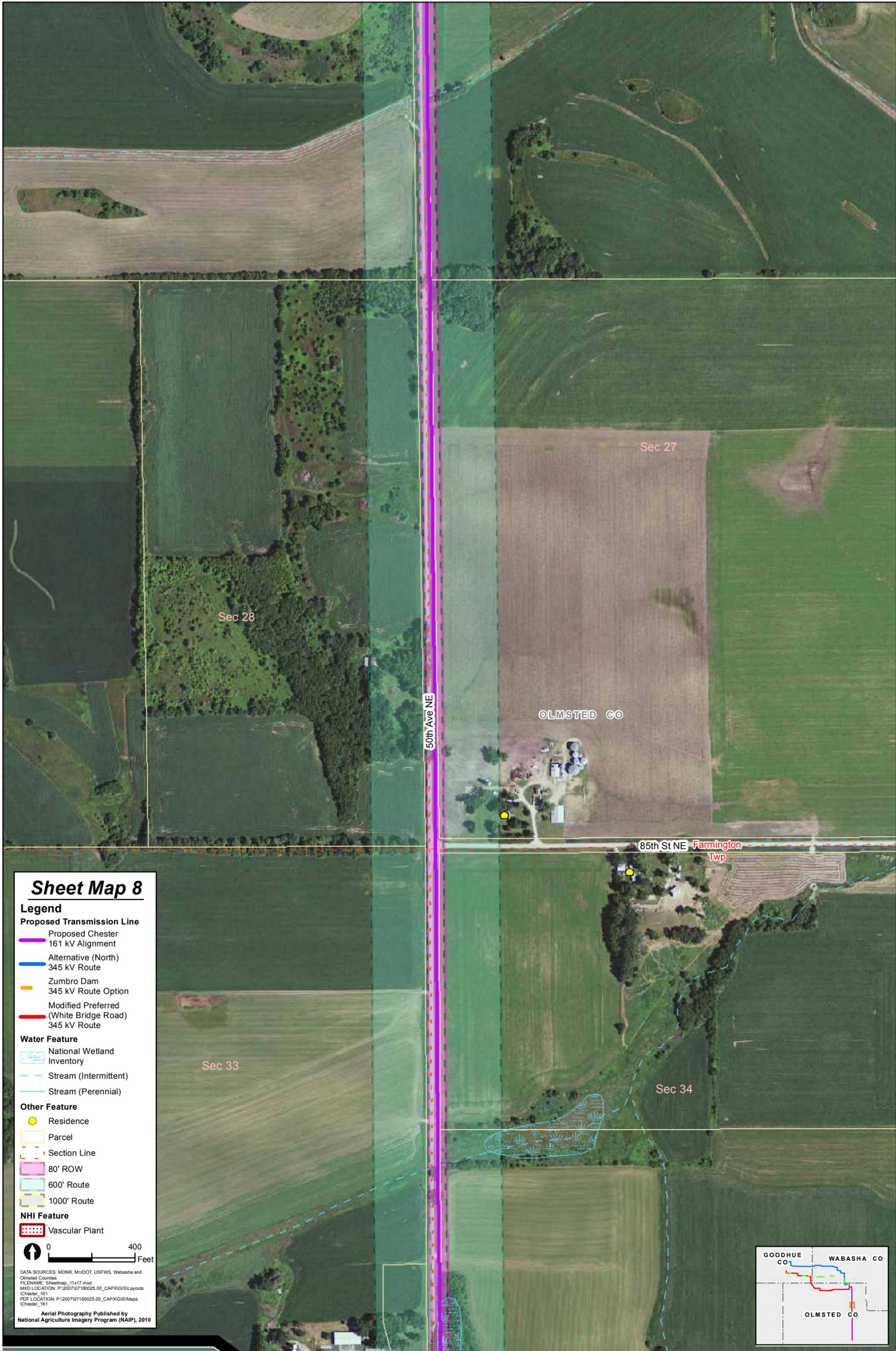
## North Rochester - Chester 161 kV Transmission Project

Xcel Energy • Dairyland Power Cooperative • Rochester Public Utilities • WPPI Energy • Southern Minnesota Municipal Power Agency



Figure 9  
Map Sheet 7

March 2012



### Sheet Map 8

#### Legend

##### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

##### Water Feature

- National Wetland Inventory
- - - Stream (Intermittent)
- Stream (Perennial)

##### Other Feature

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

##### NHI Feature

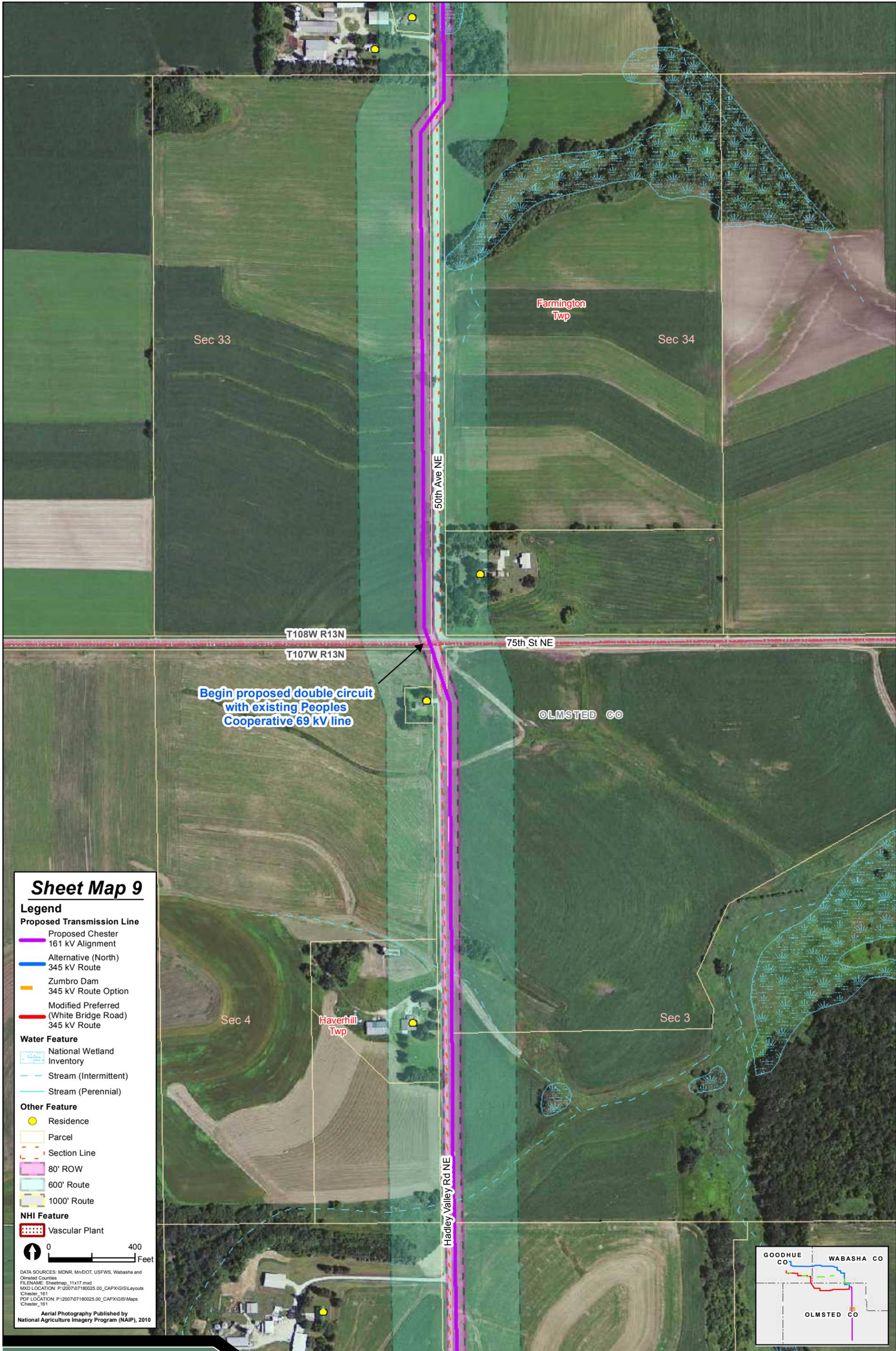
- Vascular Plant



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### Sheet Map 9

#### Legend

##### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

##### Water Feature

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

##### Other Feature

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

##### NHI Feature

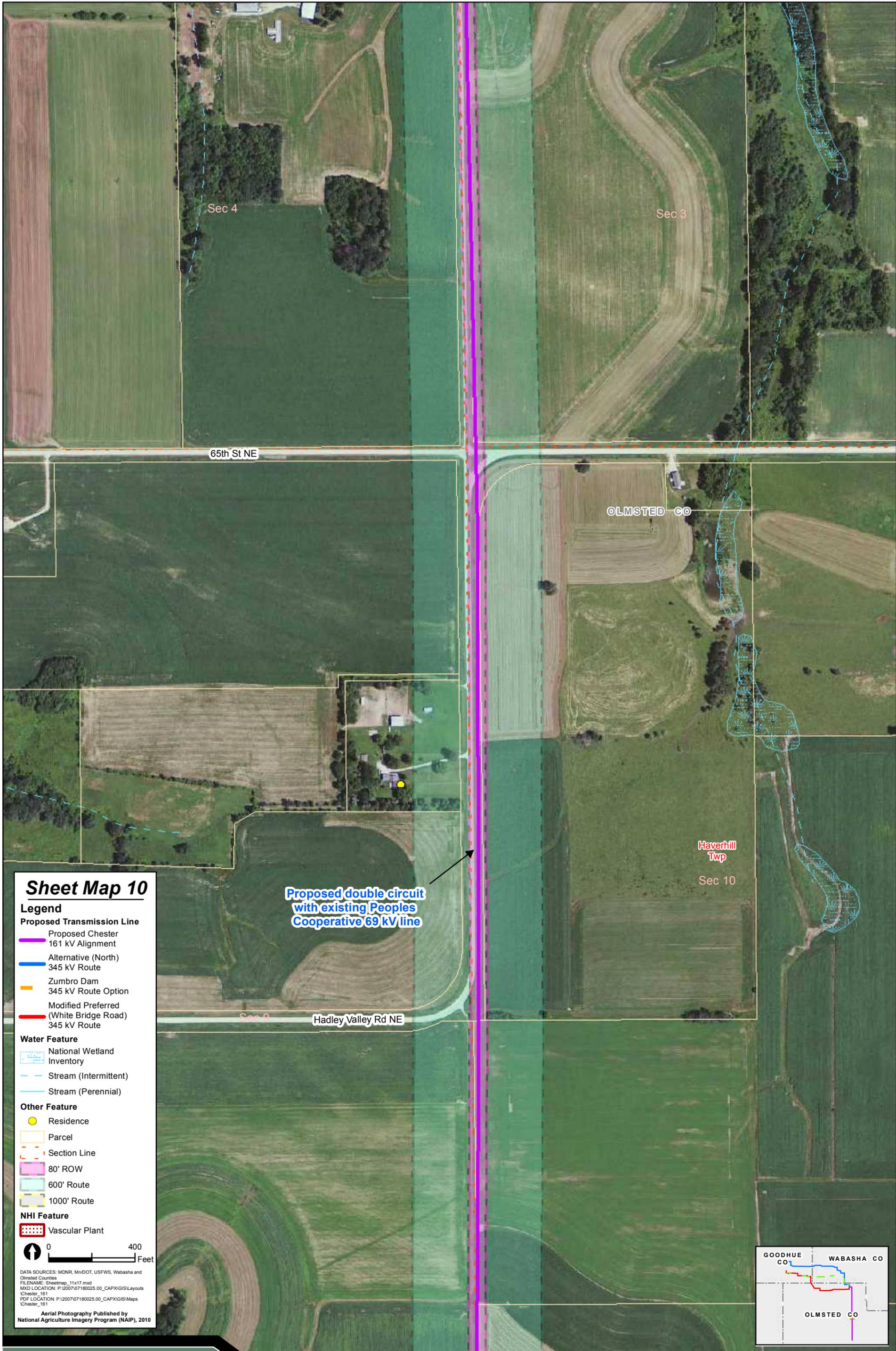
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### Sheet Map 10

#### Legend

##### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

##### Water Feature

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

##### Other Feature

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

##### NHI Feature

- Vascular Plant



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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**Proposed double circuit with existing Peoples Cooperative 69 kV line**



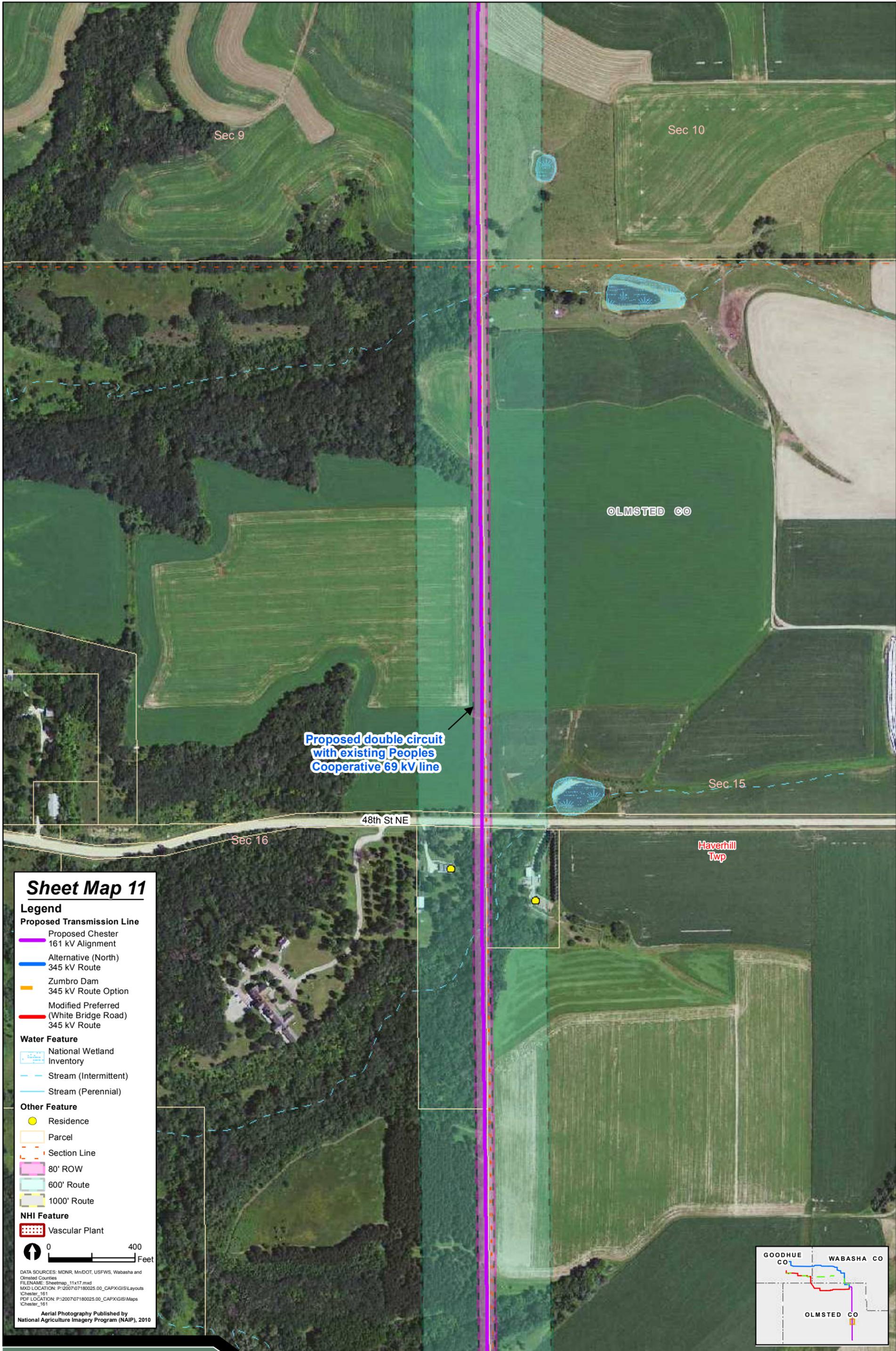
Minnesota Department of Commerce

North Rochester - Chester 161 kV Transmission Project

Xcel Energy • Dairyland Power Cooperative • Rochester Public Utilities • WPPI Energy • Southern Minnesota Municipal Power Agency

Figure 9  
Map Sheet 10

March 2012



### Sheet Map 11

#### Legend

##### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

##### Water Feature

- - - National Wetland Inventory
- - - Stream (Intermittent)
- Stream (Perennial)

##### Other Feature

- Residence
- Parcel
- - - Section Line
- 80' ROW
- 600' Route
- 1000' Route

##### NHI Feature

- Vascular Plant



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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Proposed double circuit with existing Peoples Cooperative 69 kV line

48th St NE

Sec 16

Haverhill Twp

OLMSTED CO

Sec 15

Sec 9

Sec 10



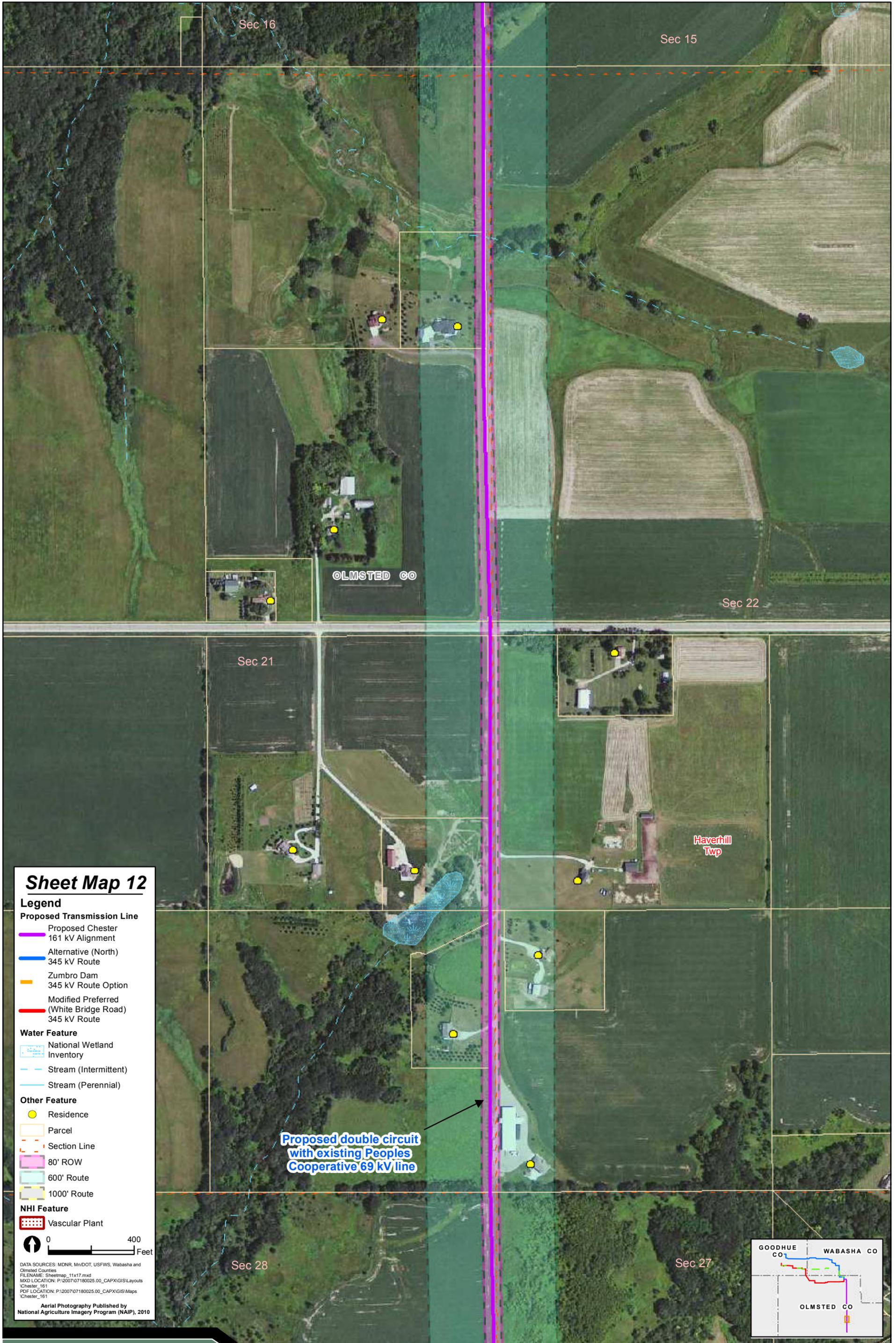
Minnesota Department of Commerce

North Rochester - Chester 161 kV Transmission Project

Xcel Energy • Dairyland Power Cooperative • Rochester Public Utilities • WPPI Energy • Southern Minnesota Municipal Power Agency

Figure 9  
Map Sheet 11

March 2012



## Sheet Map 12

### Legend

#### Proposed Transmission Line

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

#### Water Feature

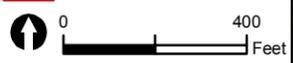
- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

#### Other Feature

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

#### NHI Feature

- Vascular Plant

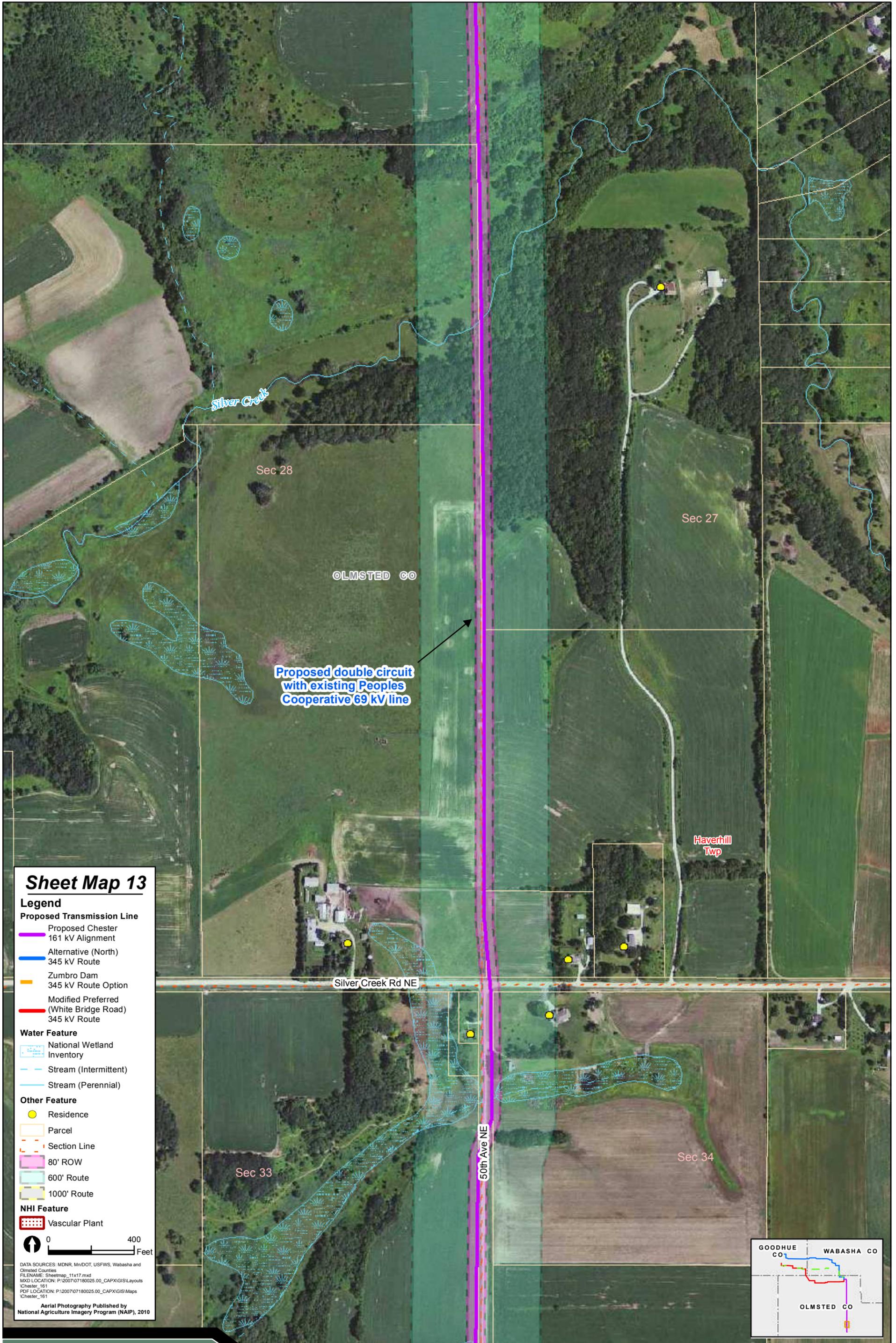


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Proposed double circuit with existing Peoples Cooperative 69 kV line





### Sheet Map 13

- Legend**
- Proposed Transmission Line**
- Proposed Chester 161 kV Alignment
  - Alternative (North) 345 kV Route
  - Zumbro Dam 345 kV Route Option
  - Modified Preferred (White Bridge Road) 345 kV Route
- Water Feature**
- National Wetland Inventory
  - Stream (Intermittent)
  - Stream (Perennial)
- Other Feature**
- Residence
  - Parcel
  - Section Line
  - 80' ROW
  - 600' Route
  - 1000' Route
- NHI Feature**
- Vascular Plant

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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Proposed double circuit with existing Peoples Cooperative 69 kV line

Sec 28

Sec 27

OLMSTED CO

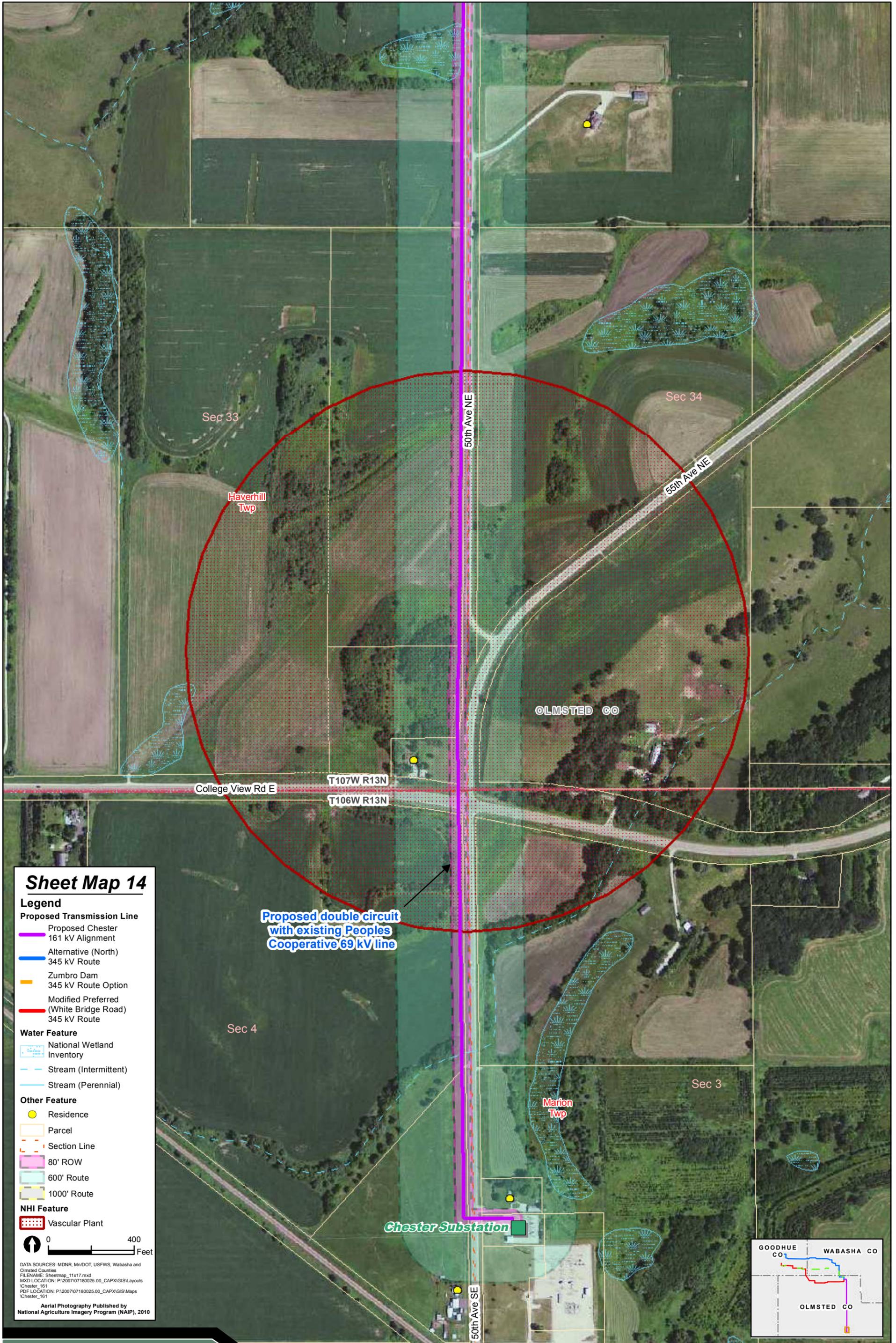
Haverhill Twp

Silver Creek Rd NE

50th Ave NE

Sec 33

Sec 34



### Sheet Map 14

**Legend**

**Proposed Transmission Line**

- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

**Water Feature**

- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

**Other Feature**

- Residence
- Parcel
- Section Line
- 80' ROW
- 600' Route
- 1000' Route

**NHI Feature**

- Vascular Plant

0 400 Feet

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Proposed double circuit with existing Peoples Cooperative 69 kV line



Minnesota Department of Commerce

## North Rochester - Chester 161 kV Transmission Project

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Figure 9  
Map Sheet 14  
March 2012