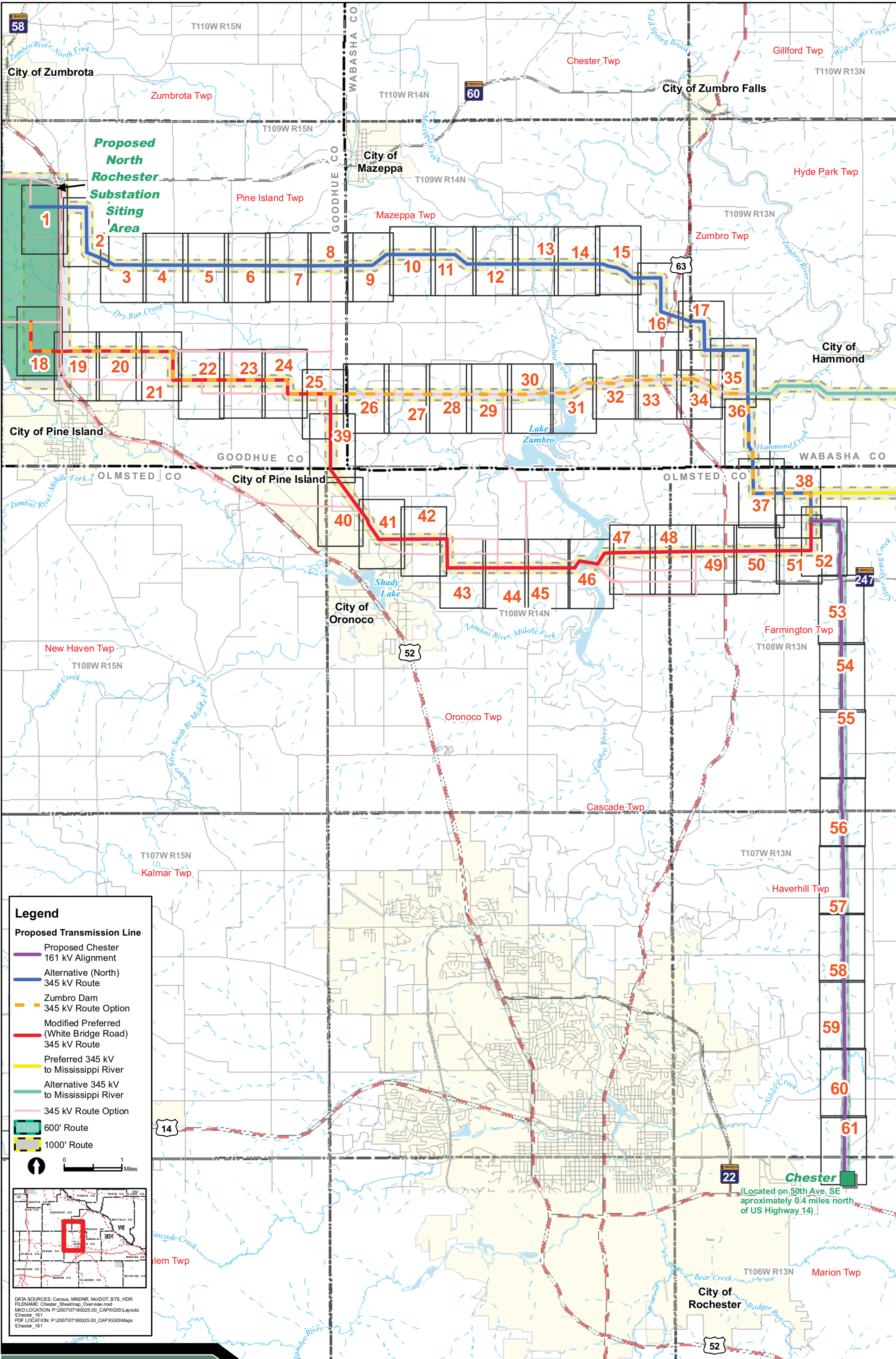


Appendix P – Sheet Maps for North Rochester to Chester 161 kV Permit Application

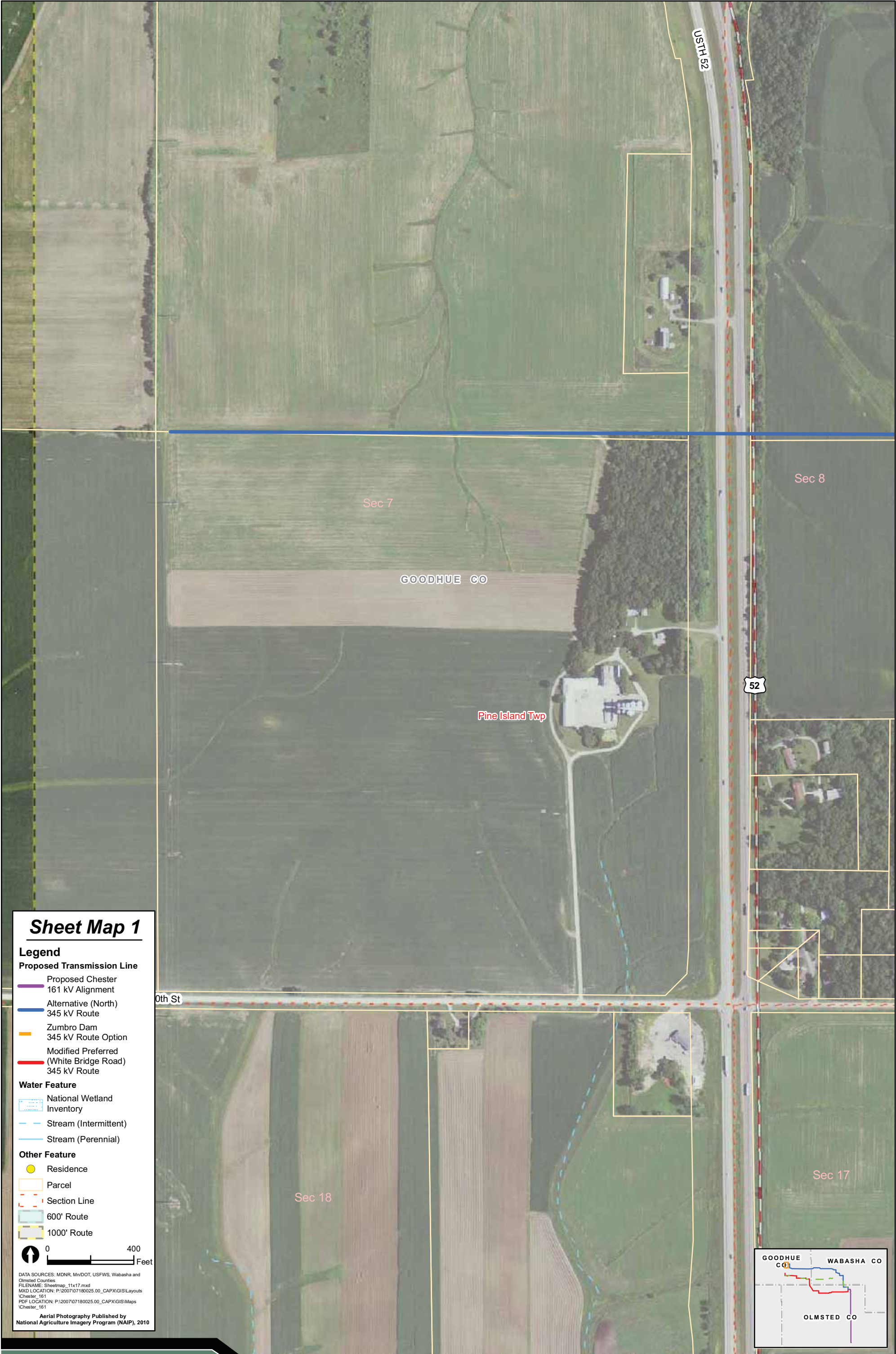
(Appendix C of  
Northern States Power Company  
Application to the Minnesota Public Utilities Commission  
For a Route Permit  
North Rochester to Chester 161 kV Transmission Project)

**Appendix C:**  
**North Rochester-Chester 161 kV Route Sheet Maps**

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### 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)

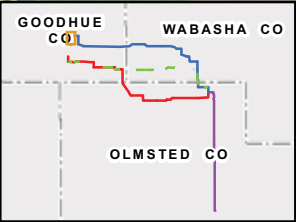
**Other Feature**

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

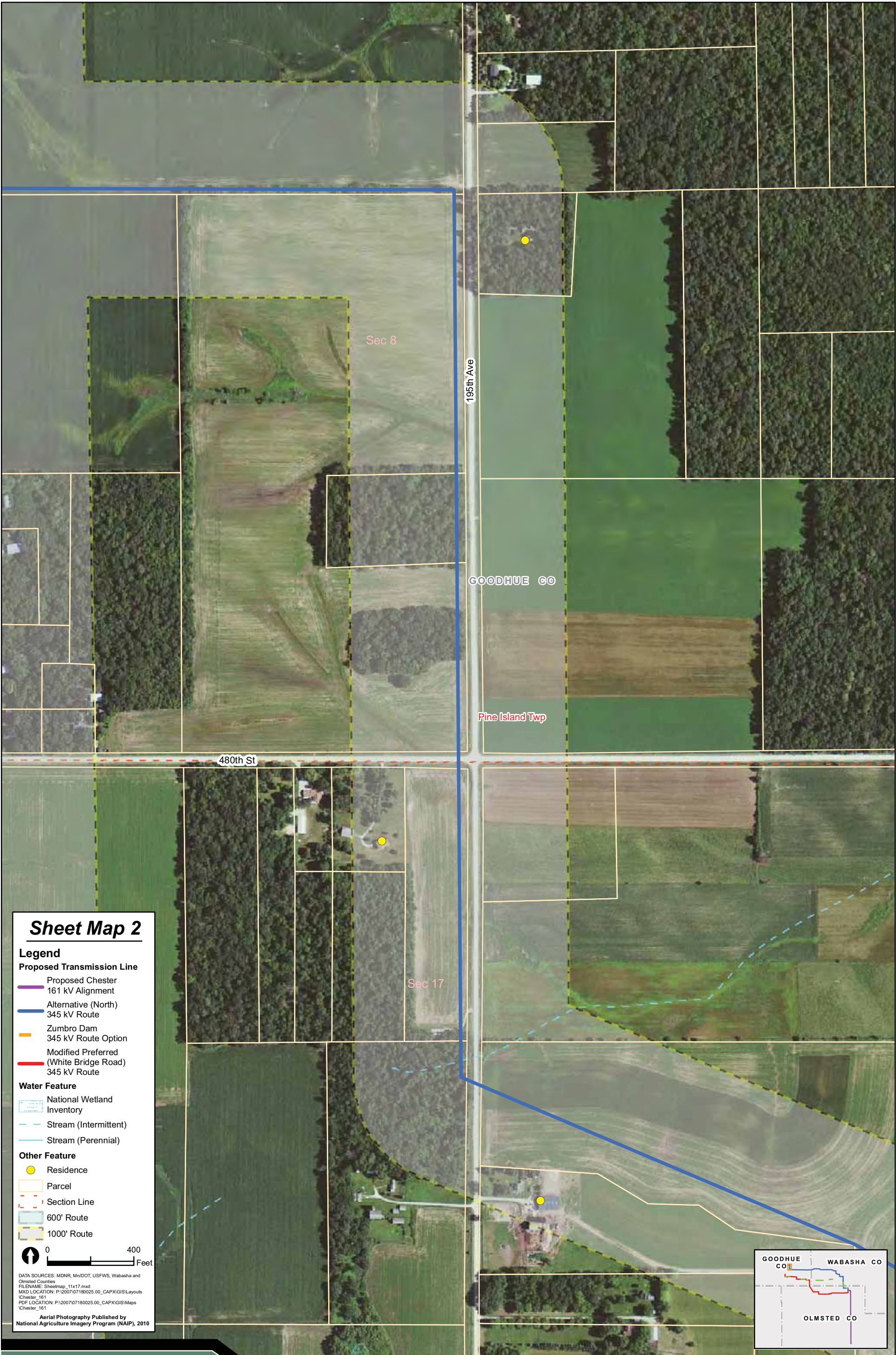
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PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Chester\_161  
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## Sheet Map 2

### 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
- 600' Route
- 1000' Route

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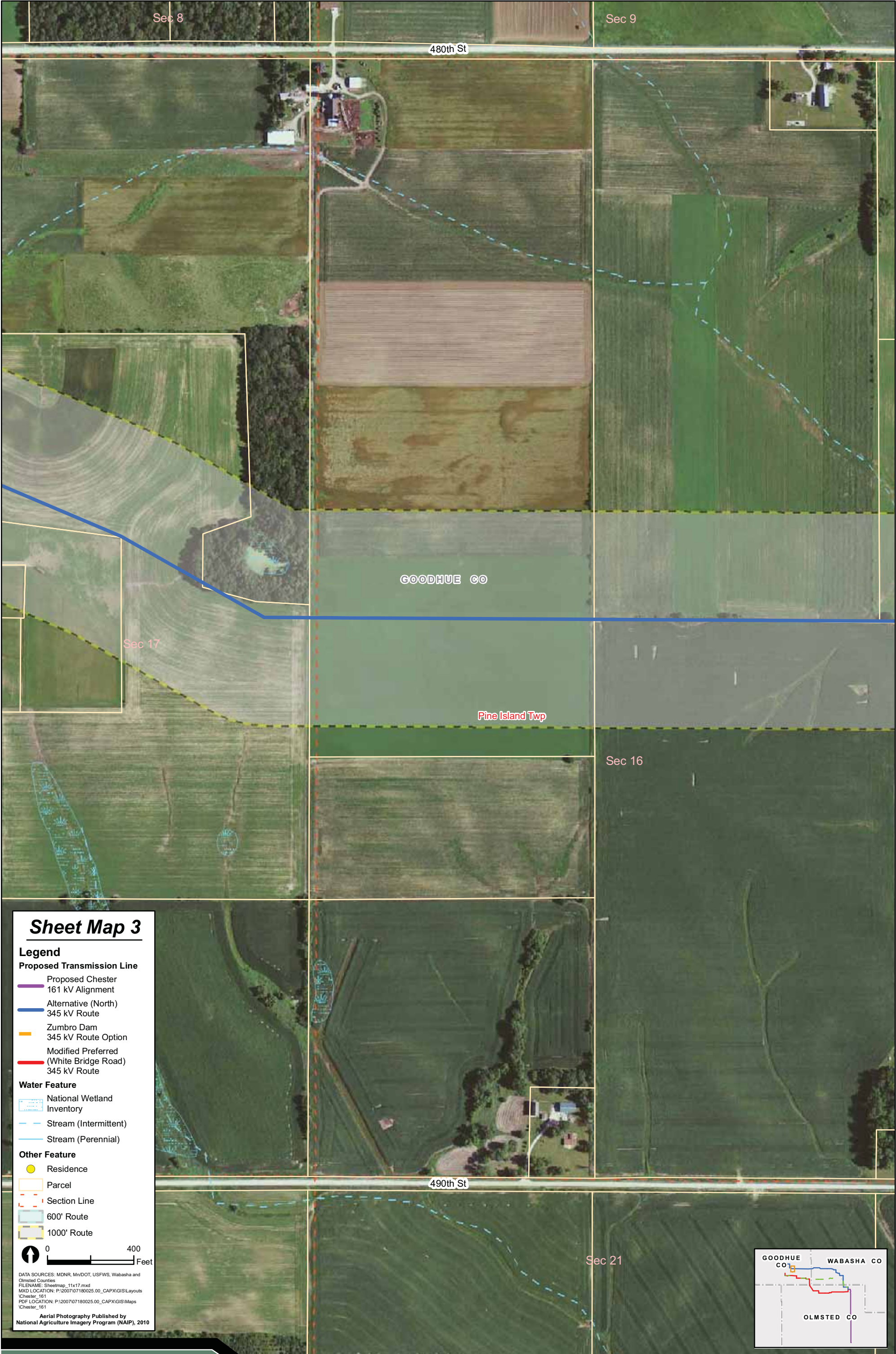
North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester  
161 kV Route Sheet Map

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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
- 600' Route
- 1000' Route



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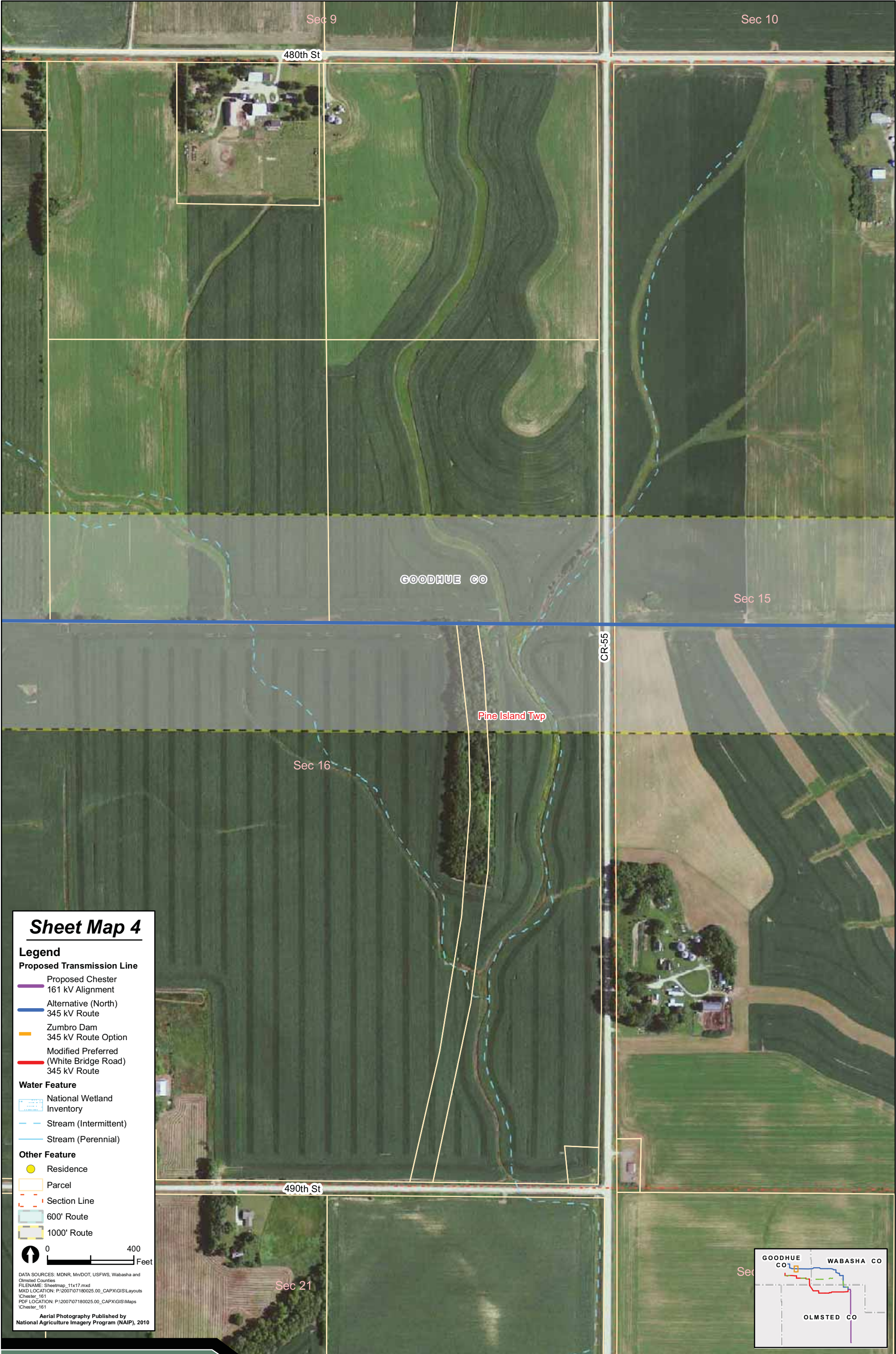
North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester 161 kV Route Sheet Map

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## Sheet Map 5

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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161 kV Route Sheet Map

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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
- 600' Route
- 1000' Route

0 400 Feet

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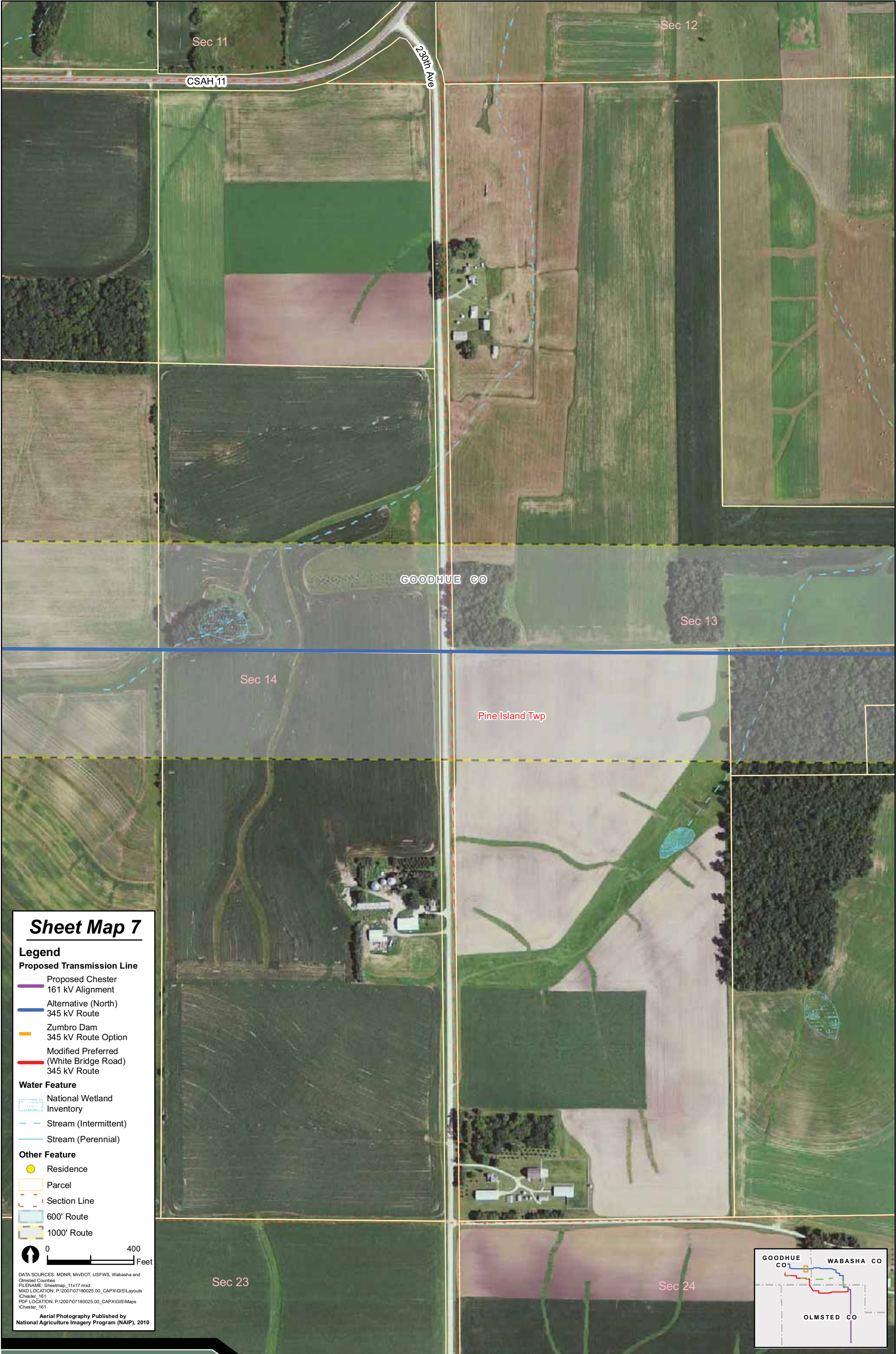
North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester 161 kV Route Sheet Map

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## 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
- 600' Route
- 1000' Route

0 400 Feet

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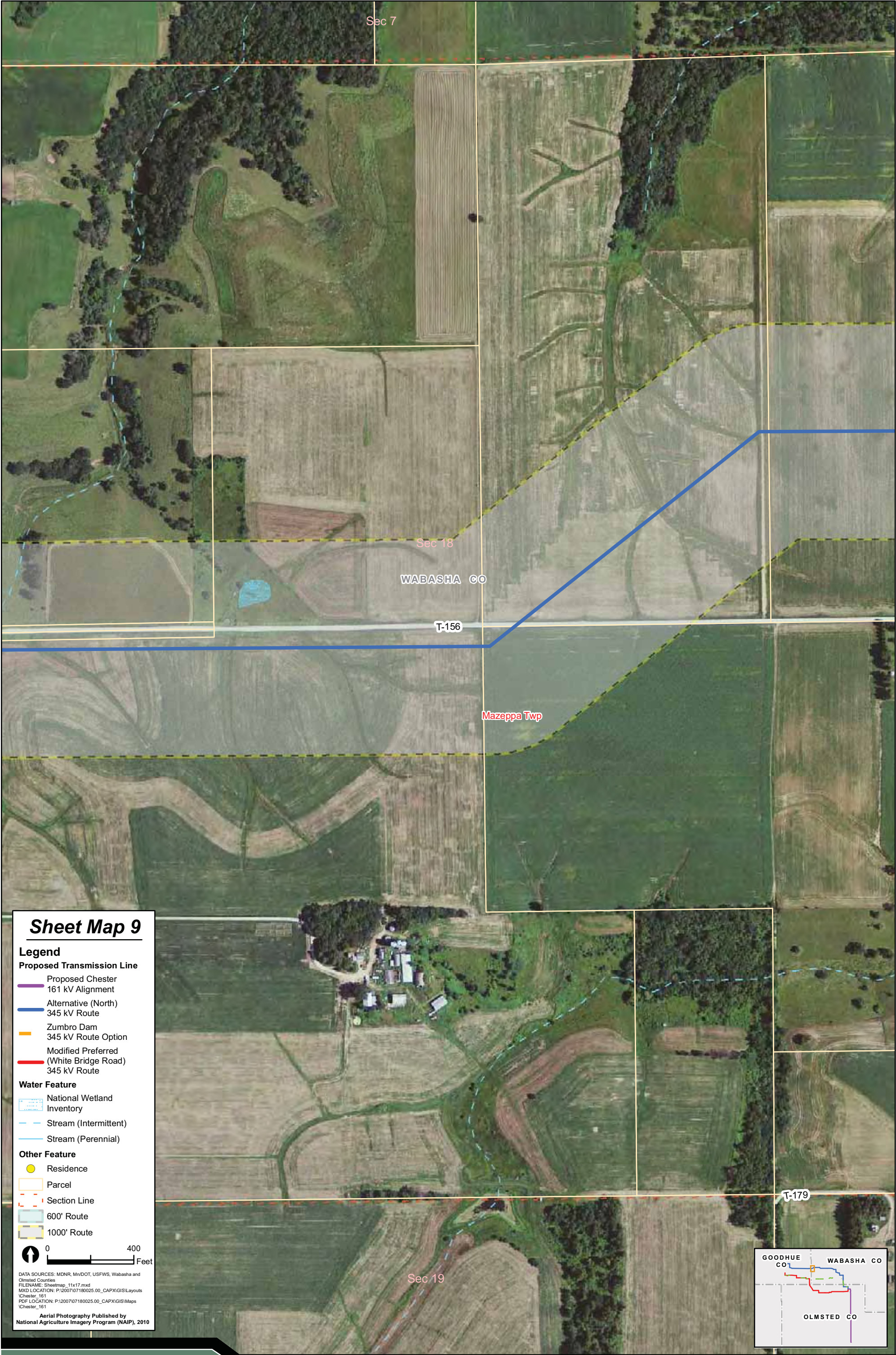
North Rochester-Chester  
161 kV Route Sheet Map

September 2011

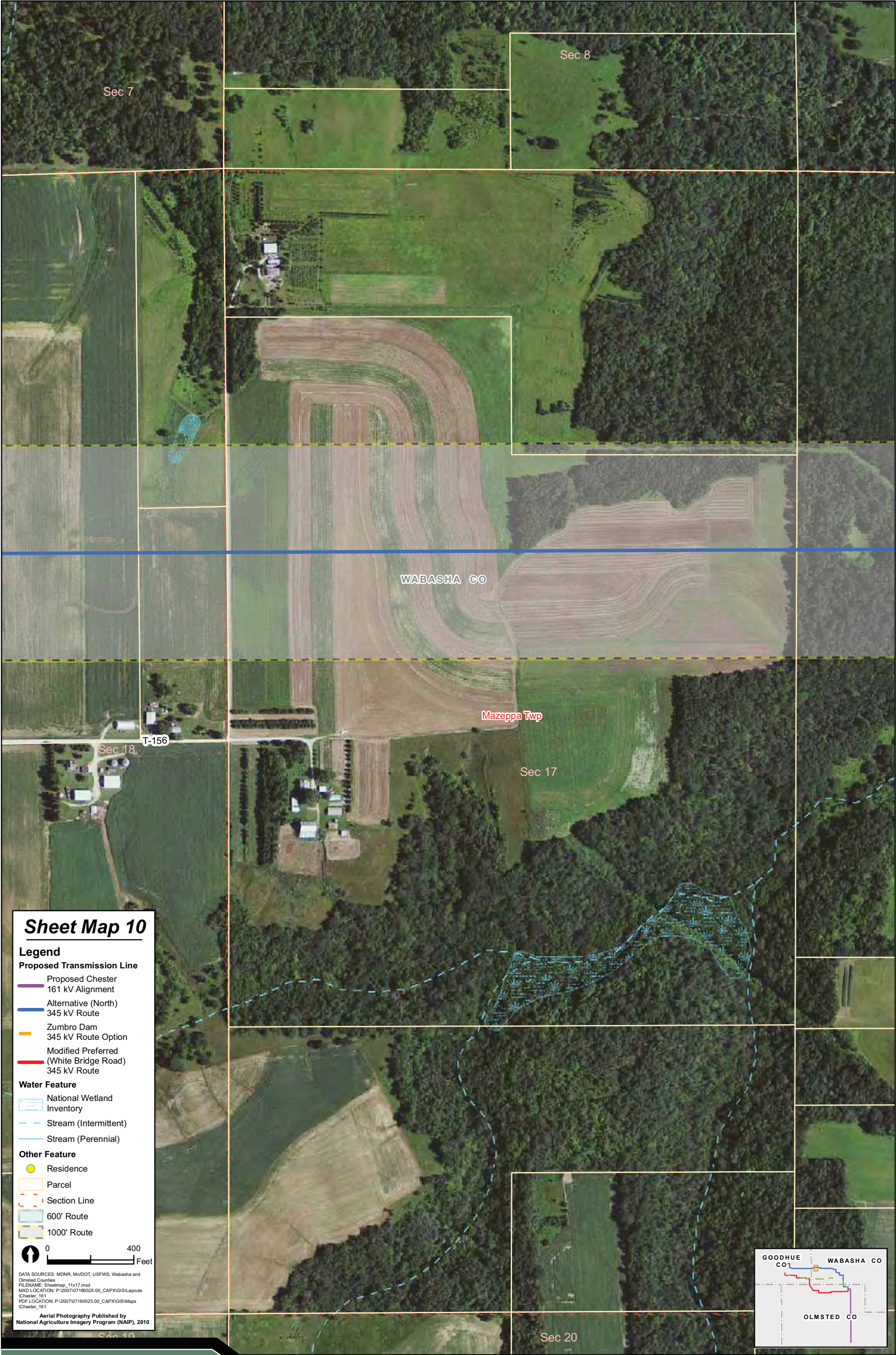




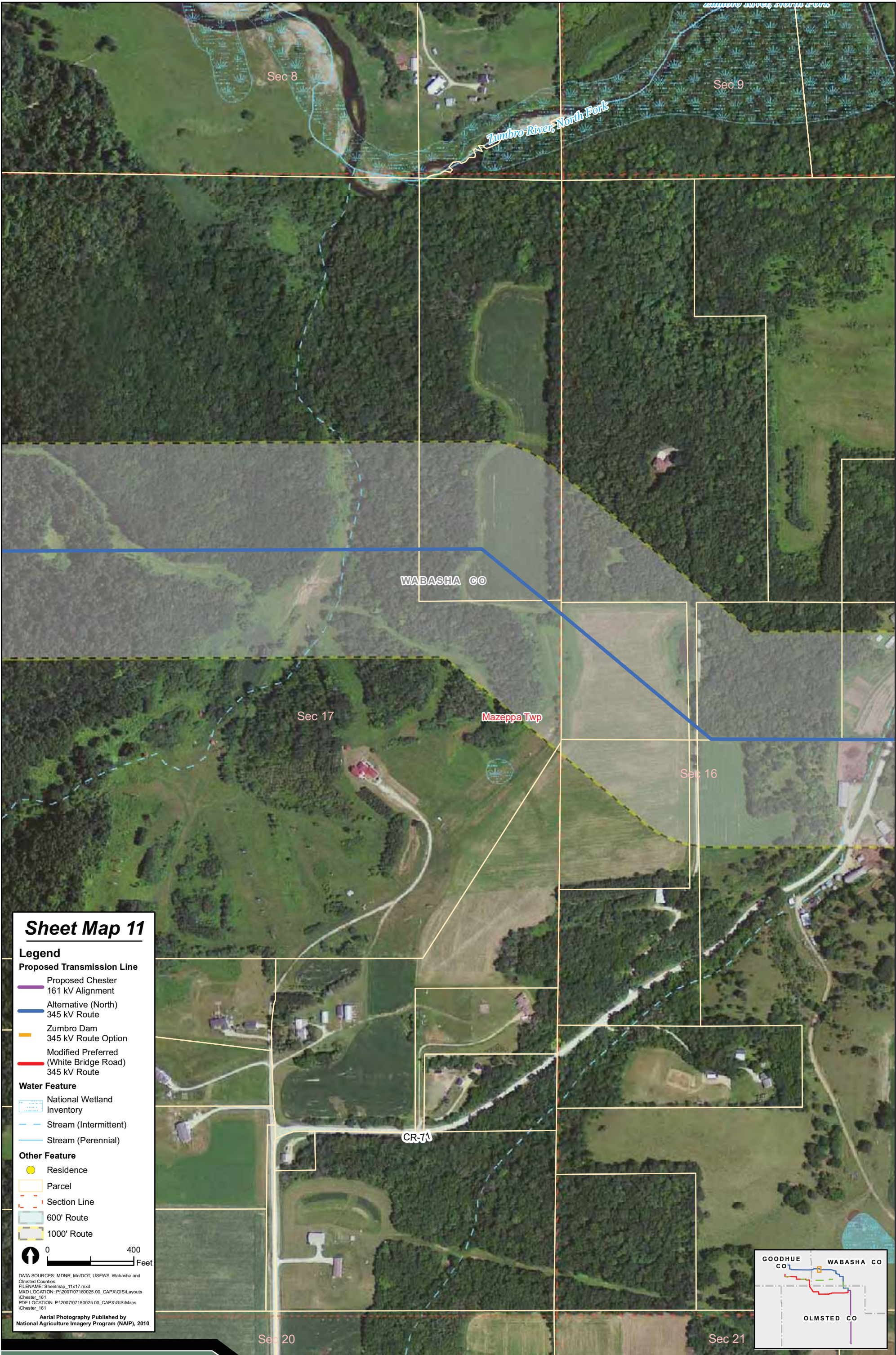












## Sheet Map 11

### 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
- 600' Route
- 1000' Route

0 400 Feet

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North Rochester-Chester  
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## Sheet Map 12

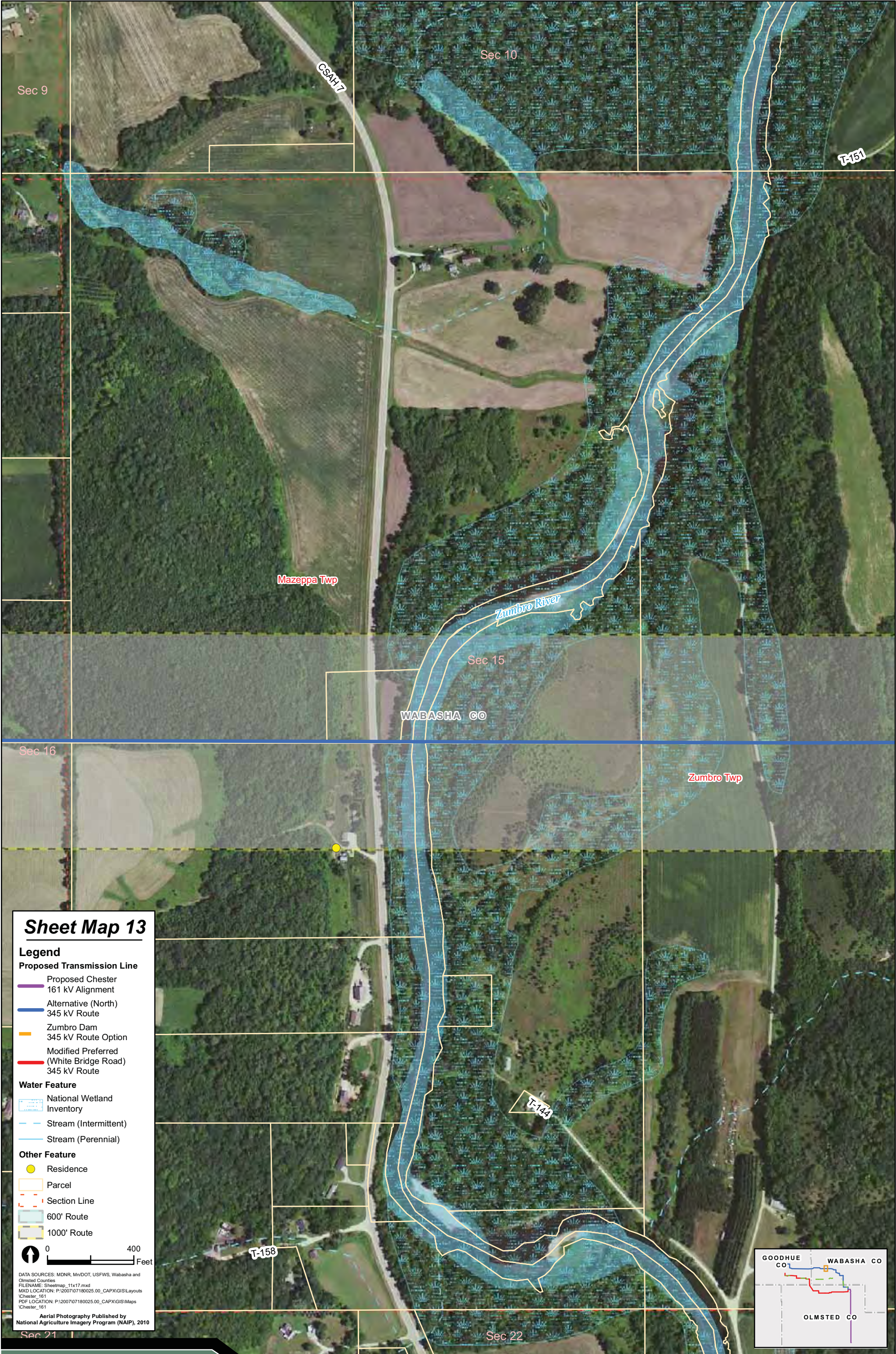
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**Proposed Transmission Line**  
Proposed Chester 161 kV Alignment  
Alternative (North) 345 kV Route  
Zumbro Dam 345 kV Route Option  
Modified Preferred (White Bridge Road) 345 kV Route  
**Water Feature**  
National Wetland Inventory  
Stream (Intermittent)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

0 400 Feet

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# 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

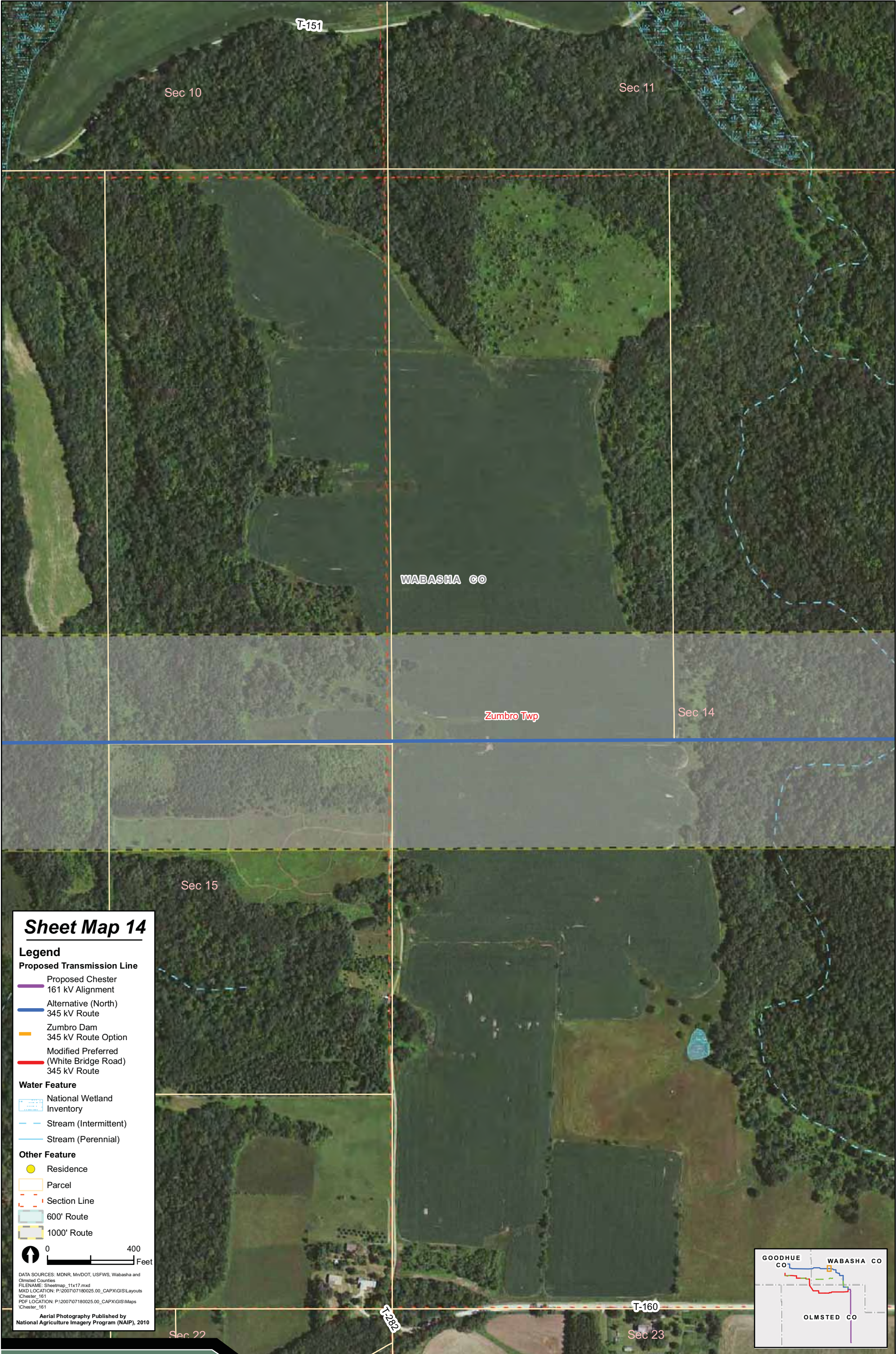
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route

0 400 Feet

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## 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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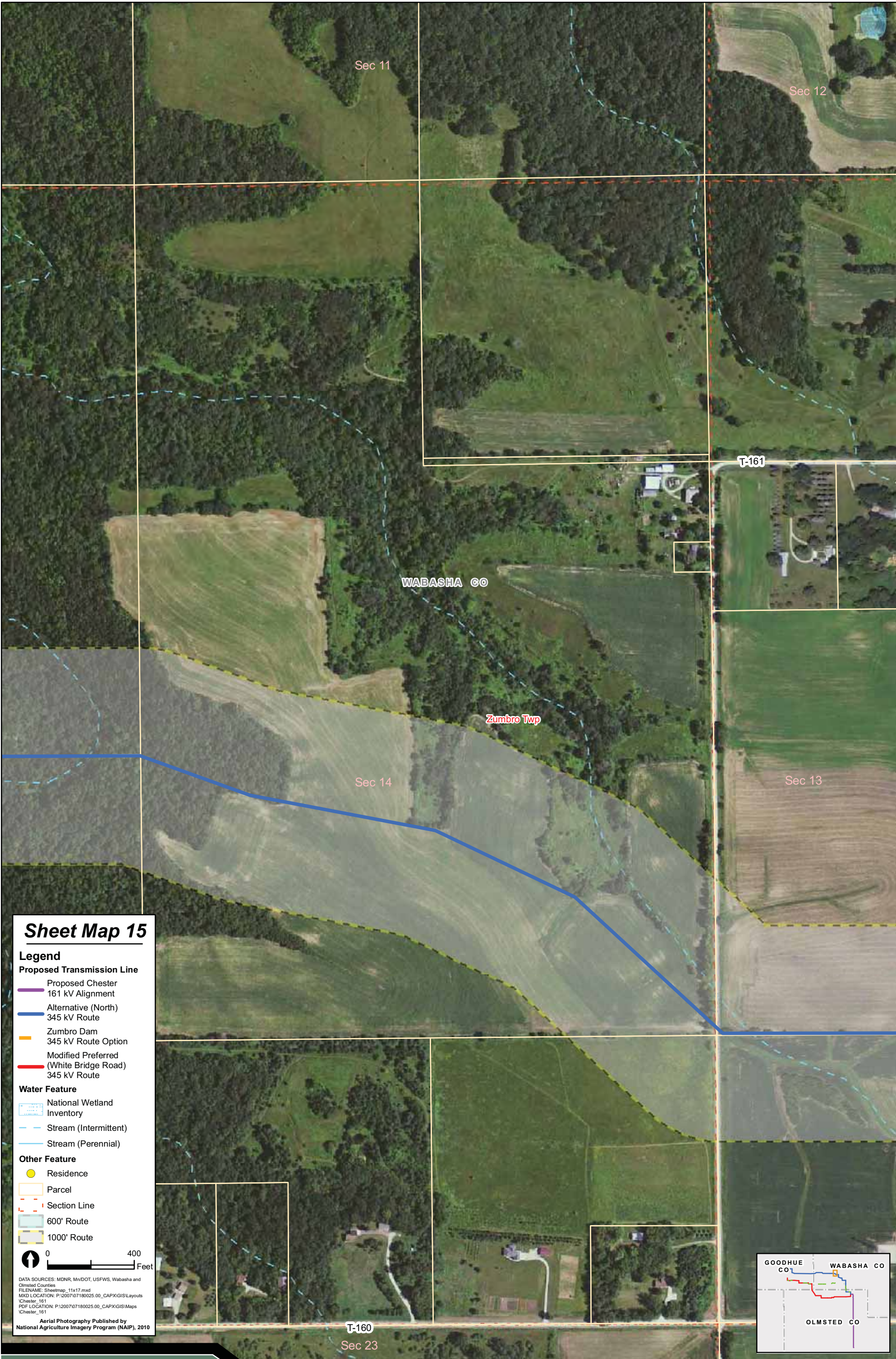
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161 kV Route Sheet Map

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## Sheet Map 15

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MNDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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North Rochester-Chester 161 kV Route Sheet Map

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# Sheet Map 16

## 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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# Sheet Map 17

## 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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Sheet Map 18

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
- 600' Route
- 1000' Route



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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## Sheet Map 19

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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## Sheet Map 20

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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Sheet Map 21

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

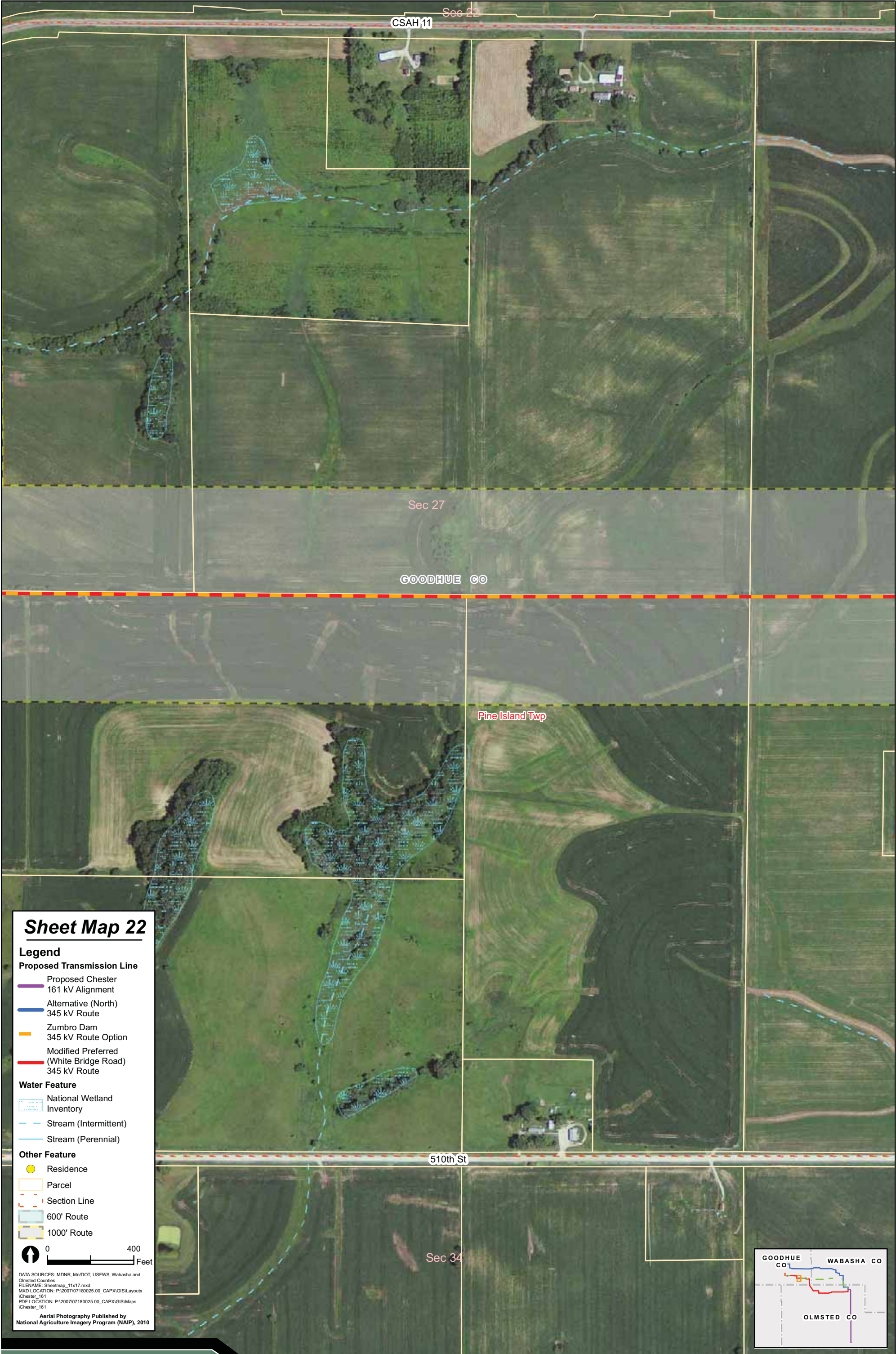
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route



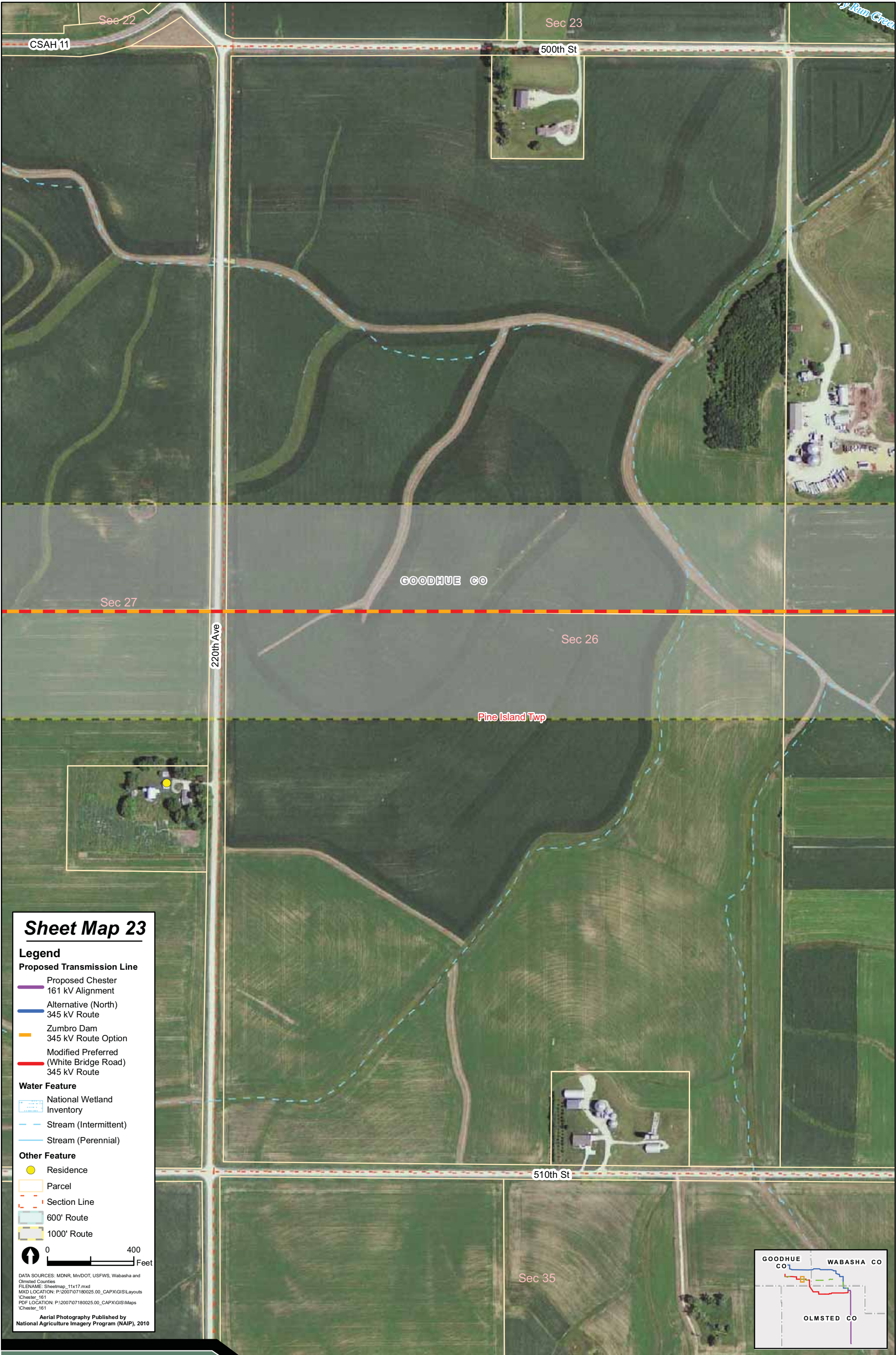
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### Sheet Map 23

**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
- 600' Route
- 1000' Route

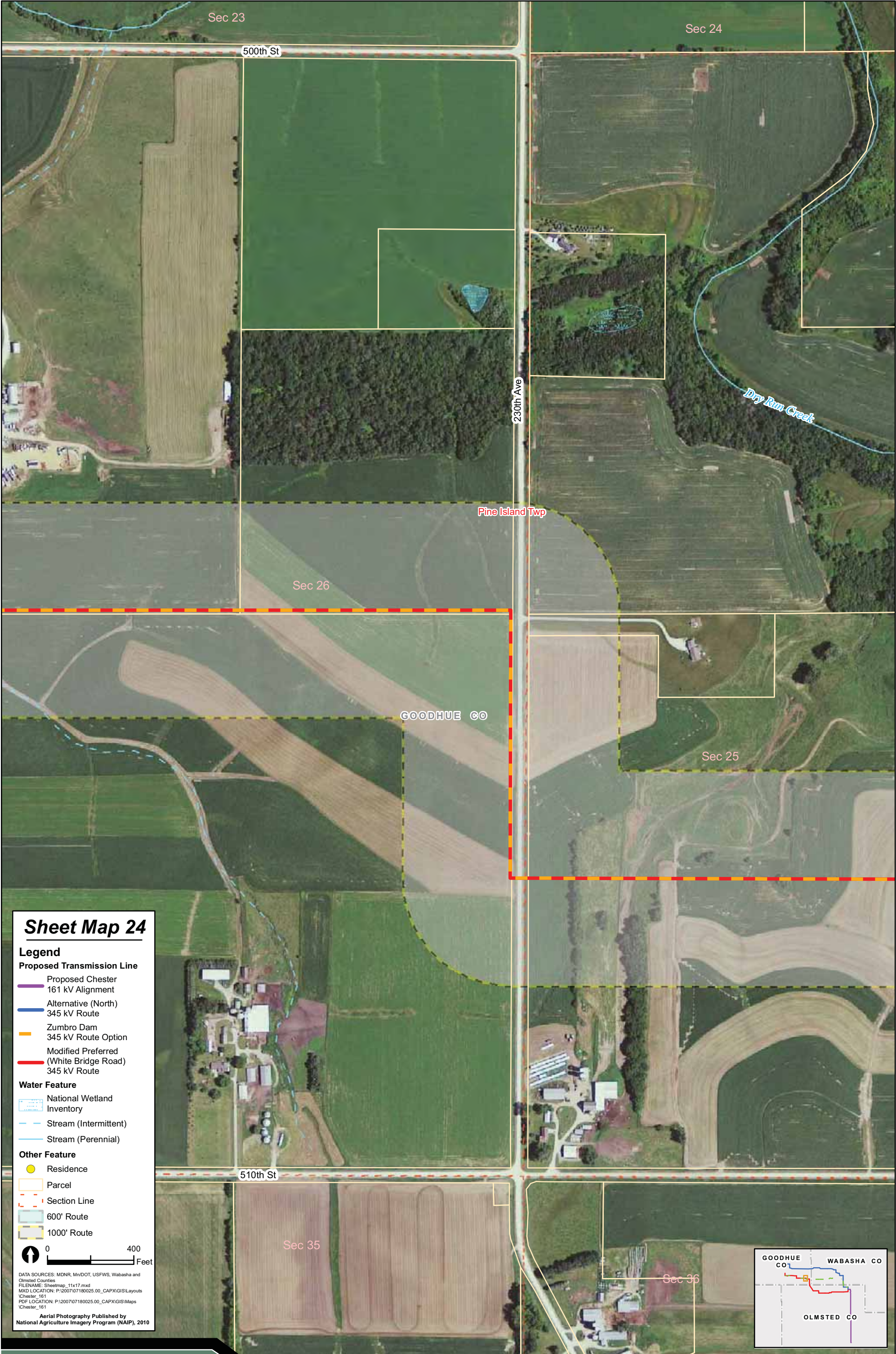
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## Sheet Map 24

### 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

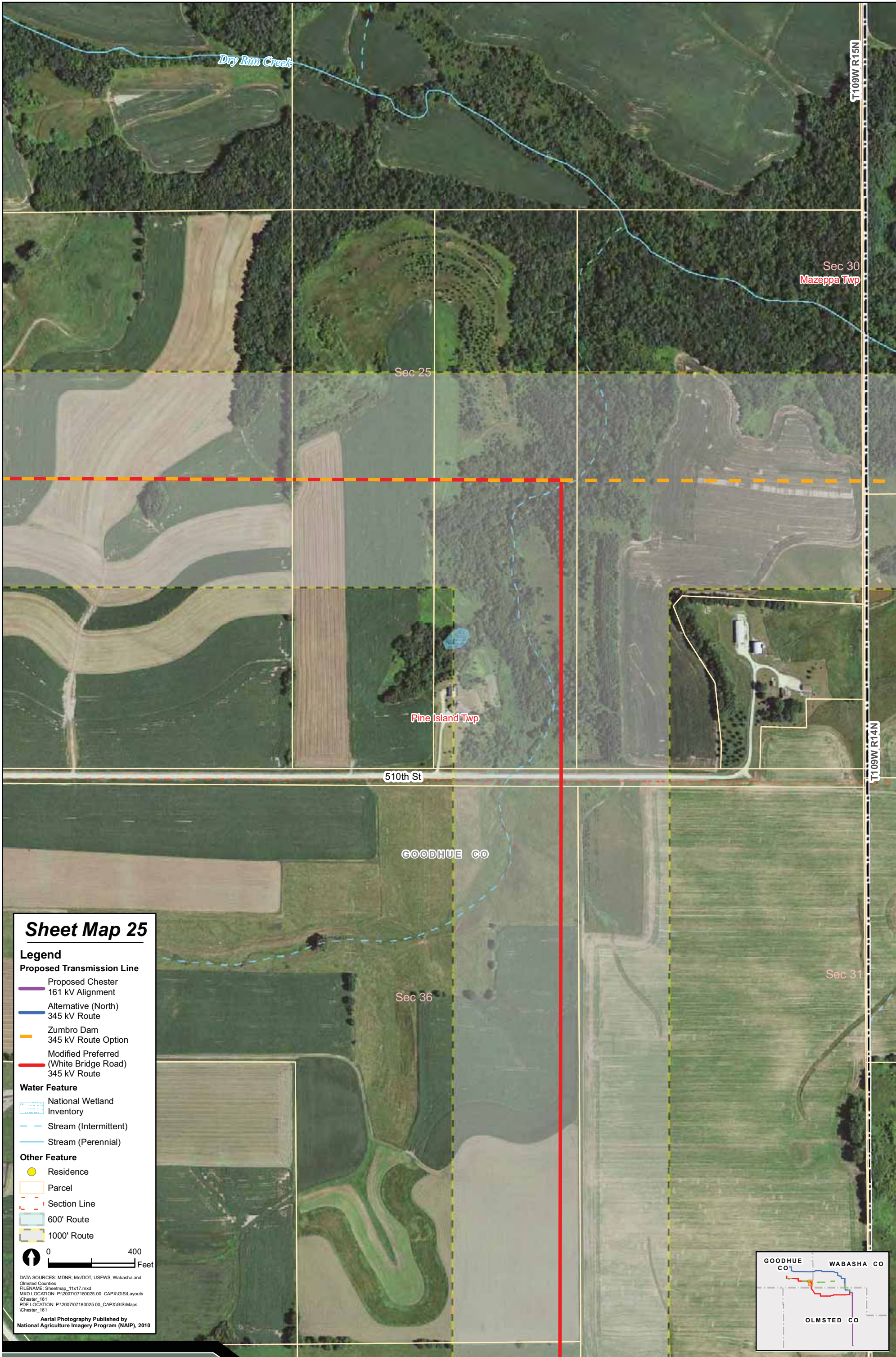
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route

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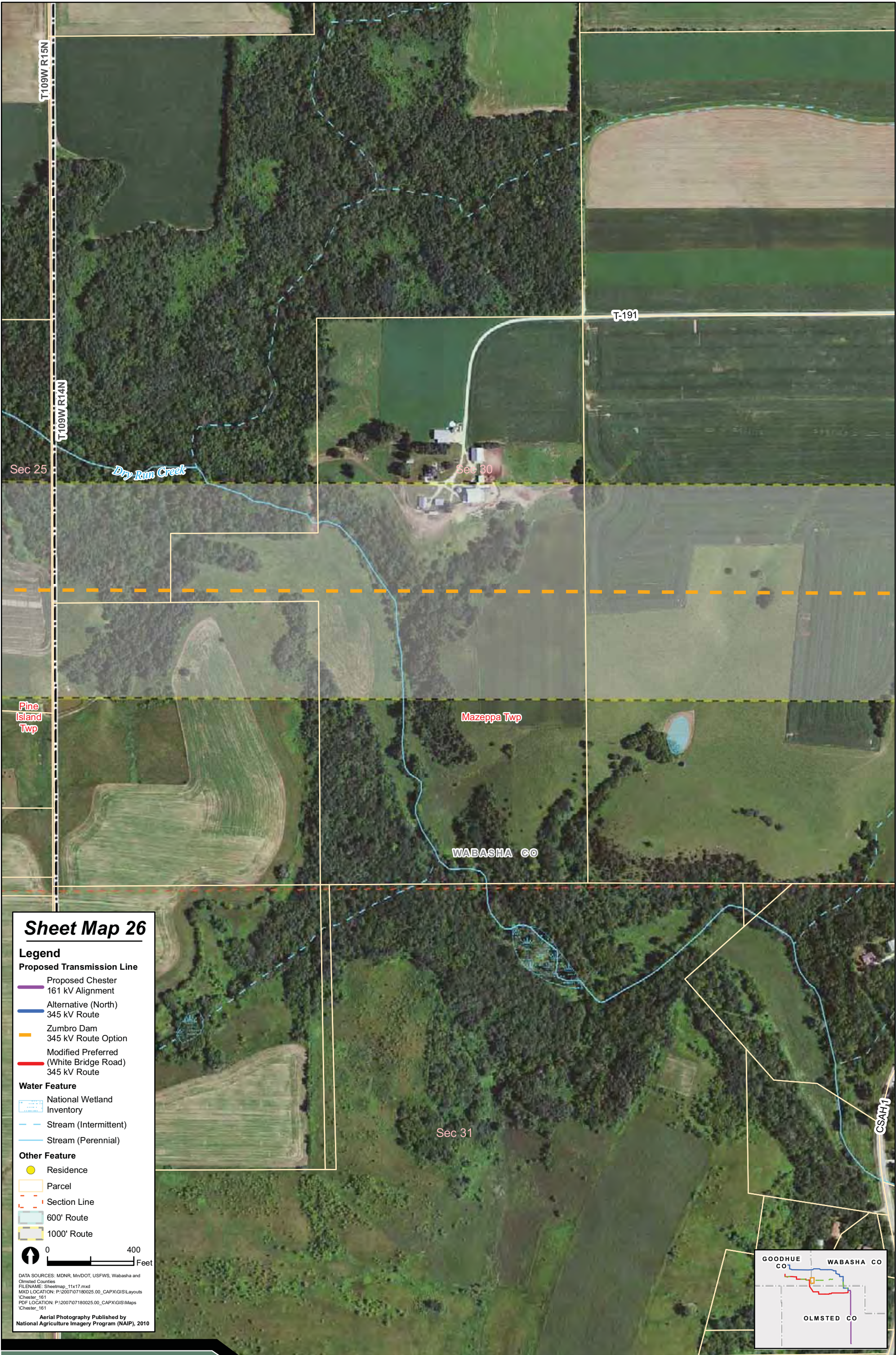
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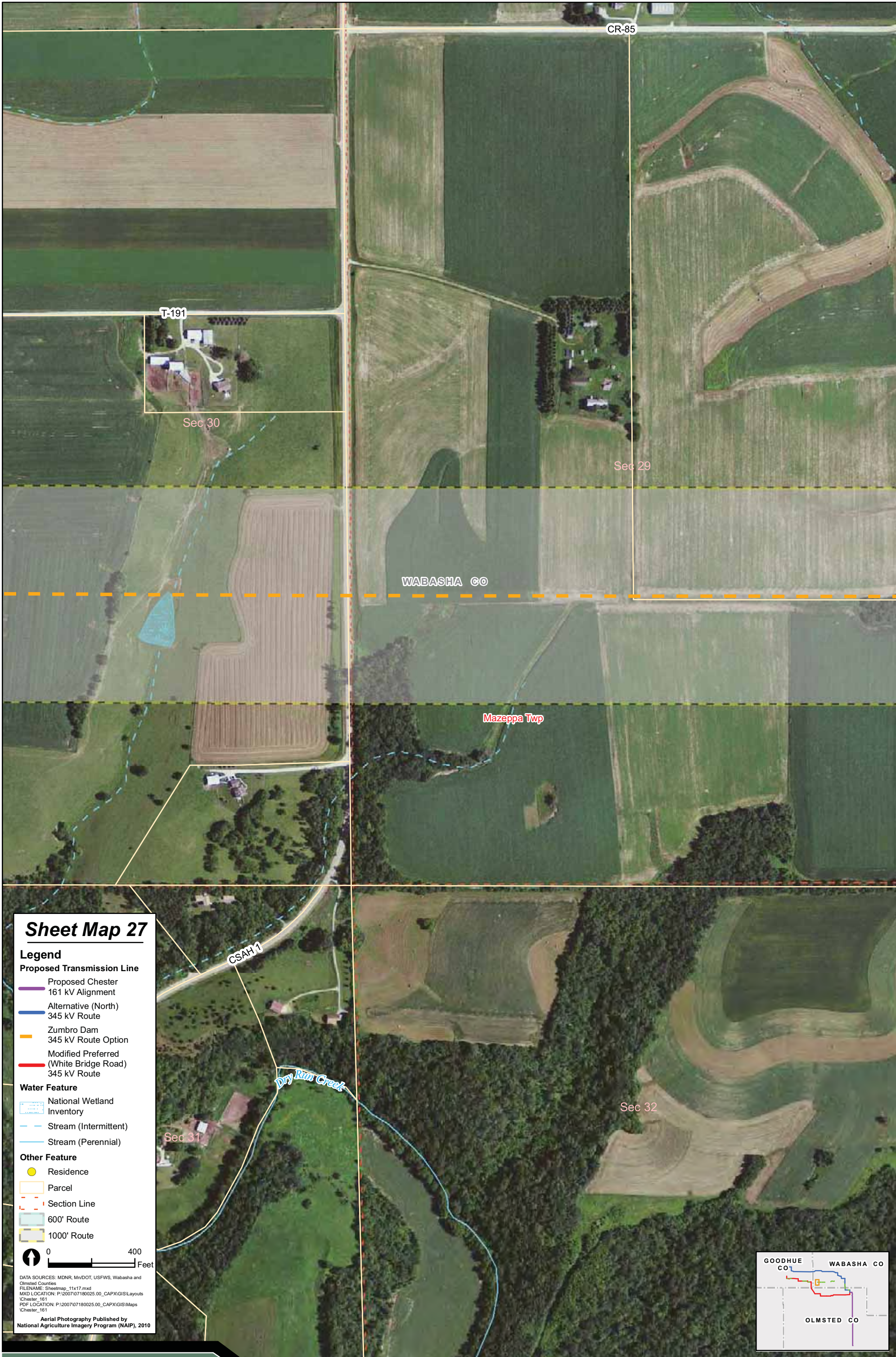




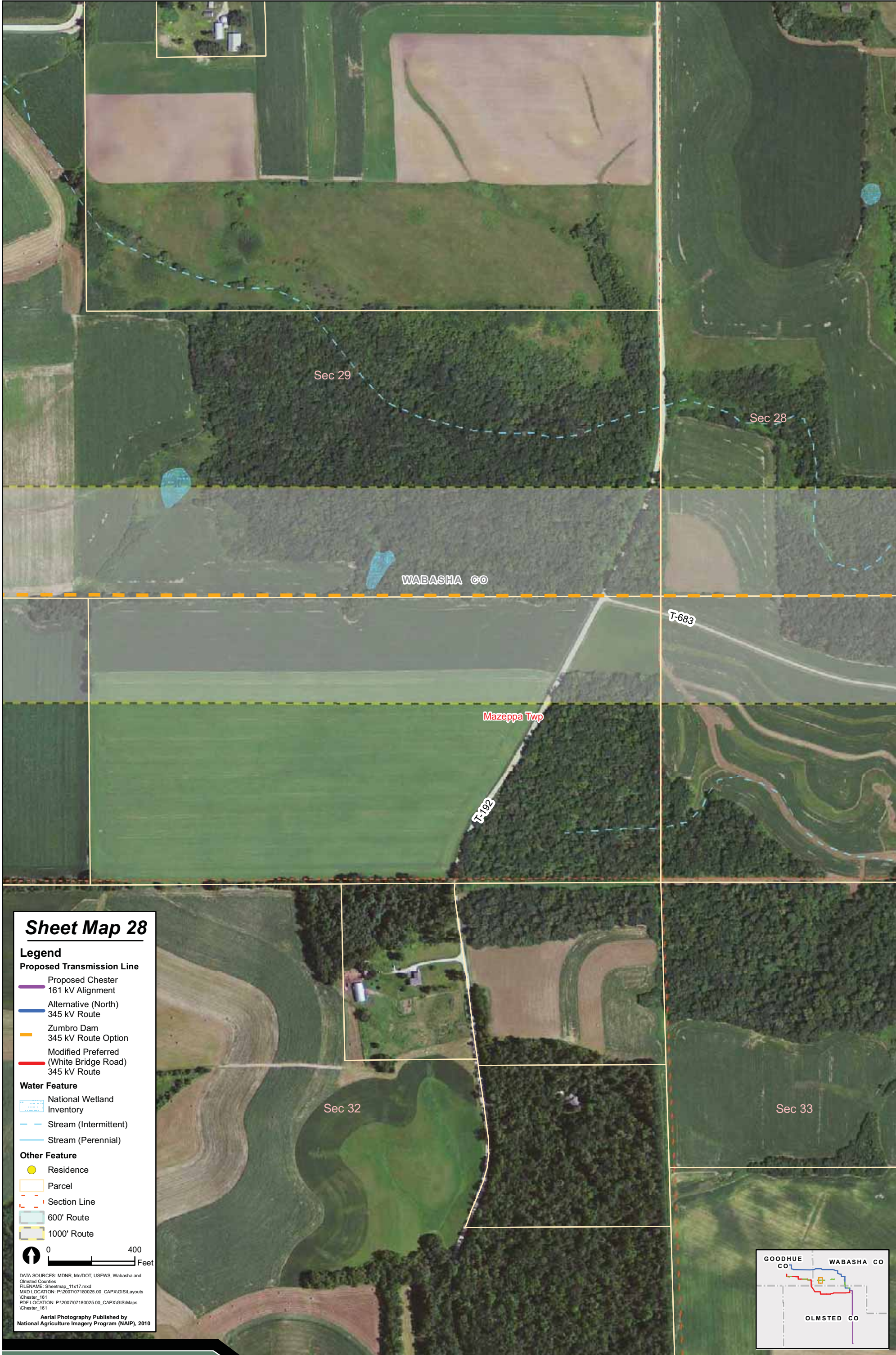












## Sheet Map 28

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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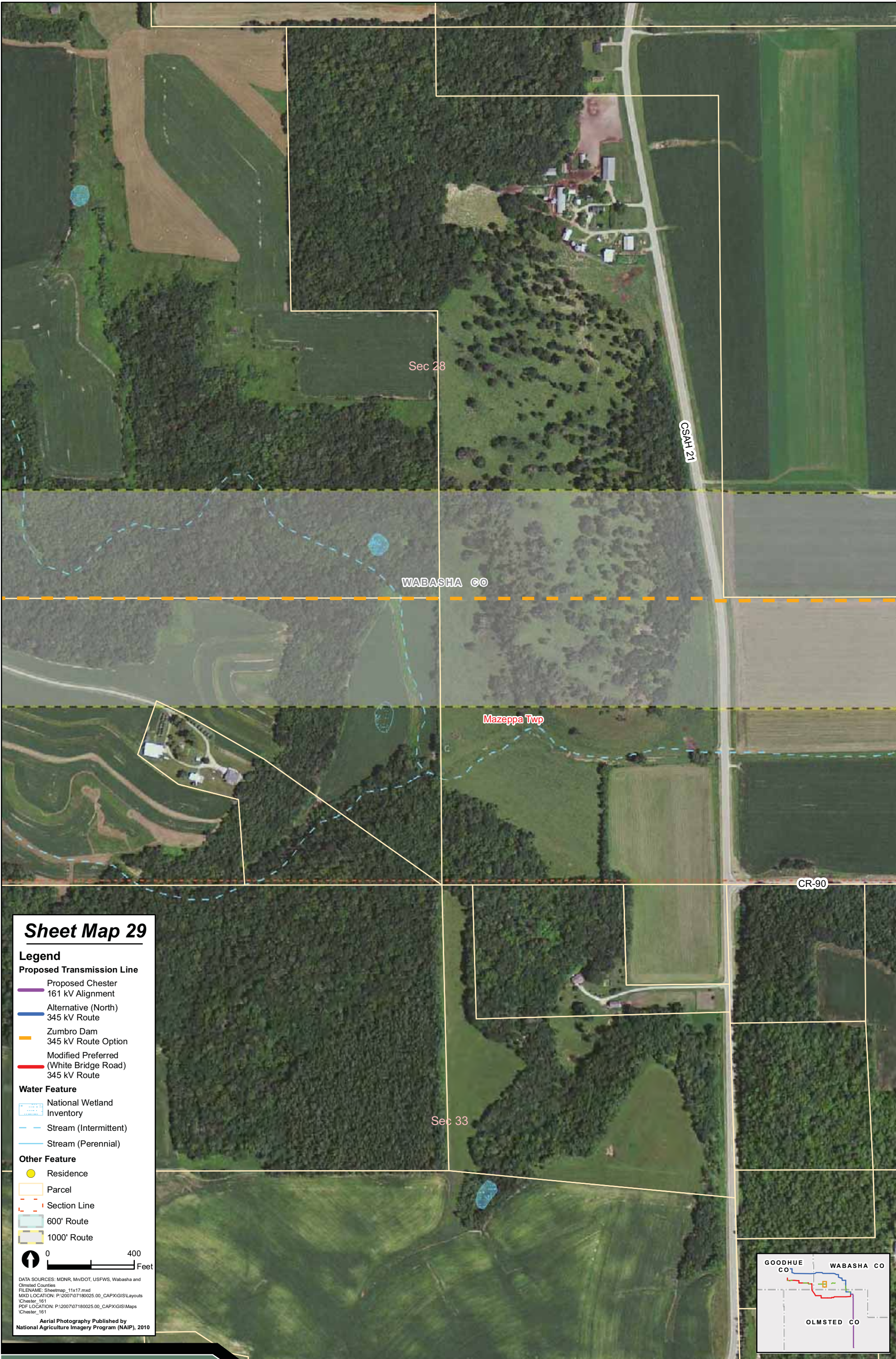
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North Rochester-Chester  
161 kV Route Sheet Map

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### Sheet Map 29

**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)

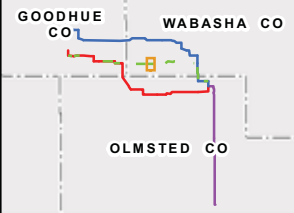
**Other Feature**

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

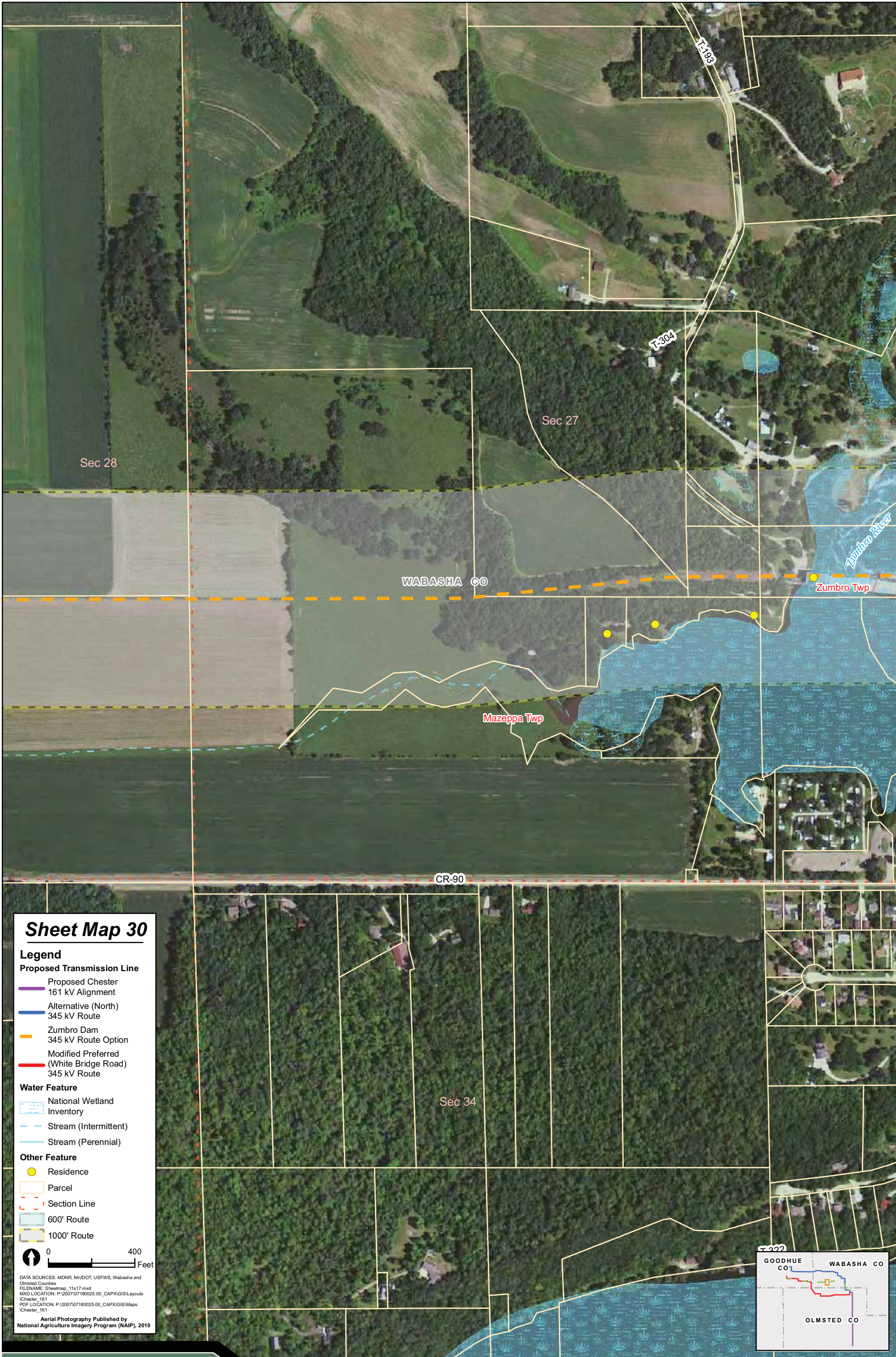
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Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2010







### Sheet Map 30

**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**

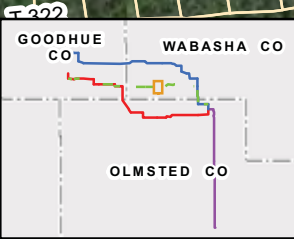
- National Wetland Inventory
- Stream (Intermittent)
- Stream (Perennial)

**Other Feature**

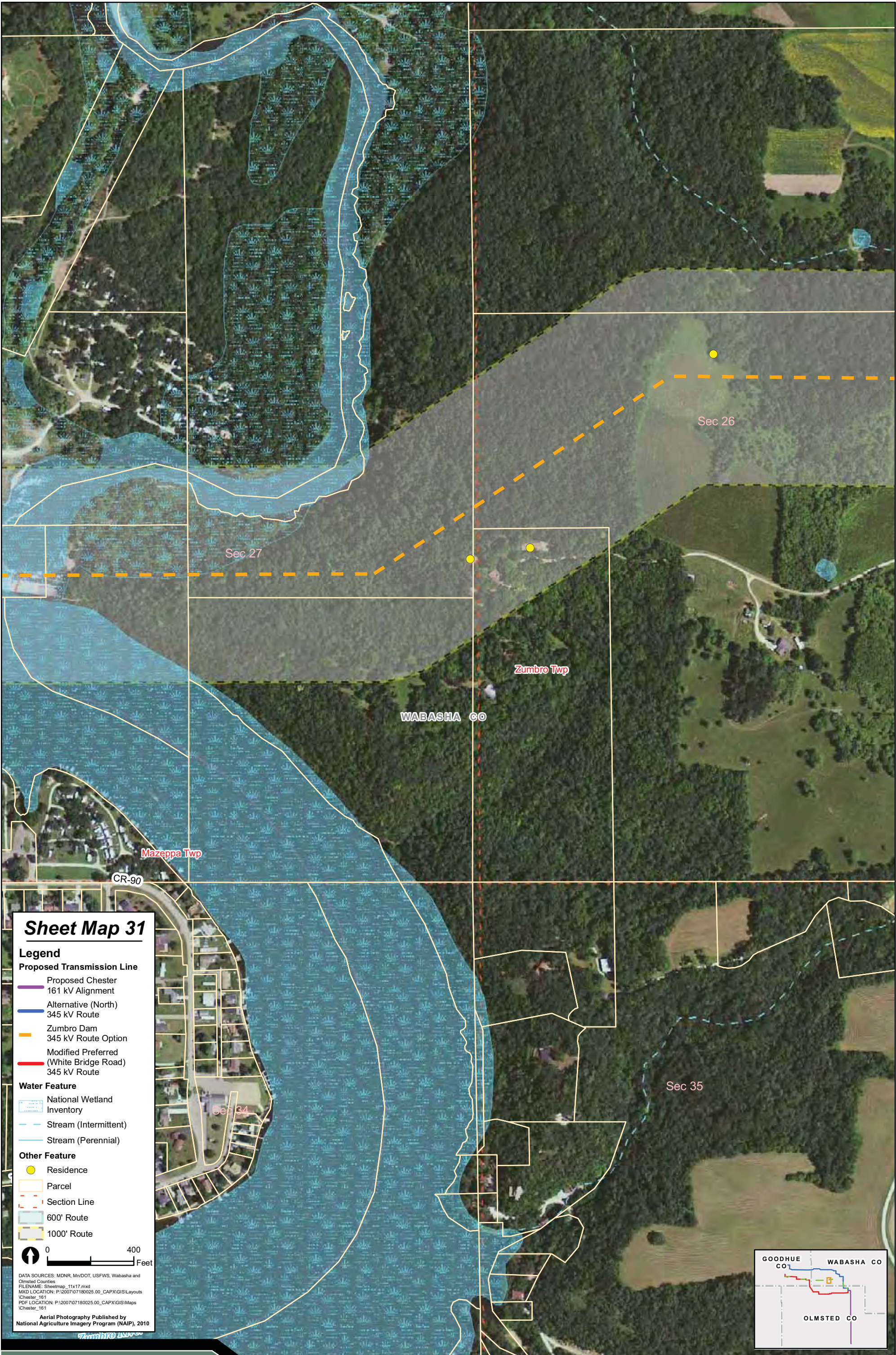
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route

0 400 Feet

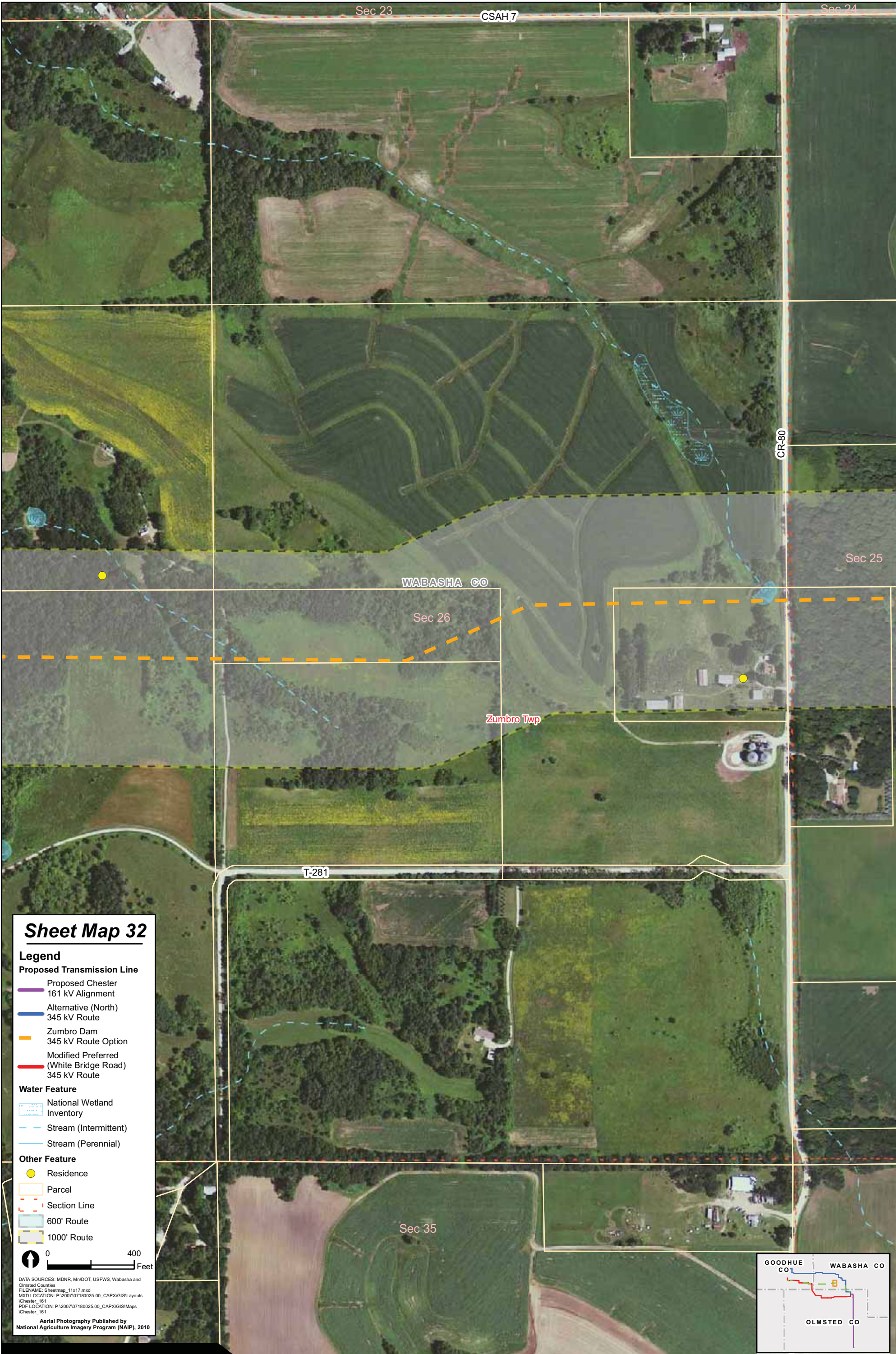
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MXD LOCATION: P:\2007\07180025.00\_CAP\GIS\Layouts\Chester\_161  
PDF LOCATION: P:\2007\07180025.00\_CAP\GIS\Maps\Chester\_161  
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## Sheet Map 32

### 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)

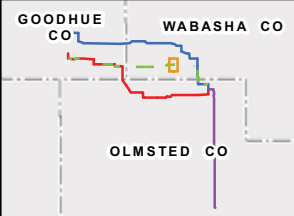
#### Other Feature

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

0 400 Feet

DATA SOURCES: MNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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MXD LOCATION: P:\2007\07180025.00\_CAP\GIS\Layouts\Sheetmap\_161  
PDF LOCATION: P:\2007\07180025.00\_CAP\GIS\Maps\Sheetmap\_161

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Sec 24

CSAH 7

Sec 25

WABASHA CO

63

Zumbro Twp

Sec 36

## Sheet Map 33

### 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)

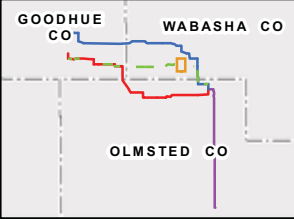
#### Other Feature

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

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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MXD LOCATION: P:\2007\07180025.00\_CAPX\GIS\Layouts\Chester\_161  
PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Chester\_161

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North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester  
161 kV Route Sheet Map

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### Sheet Map 34

#### 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
- 600' Route
- 1000' Route

0

400

Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties

FILENAME: Sheetmap\_11x17.mxd

MXD LOCATION: P:\2007\07180025.00\_CAP\GIS\Layouts\Chester\_161

PDF LOCATION: P:\2007\07180025.00\_CAP\GIS\Maps\Chester\_161

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## Sheet Map 35

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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MXD LOCATION: P:\2007\07180025.00\_CAPX\GIS\Layouts\Sheetmap\_161  
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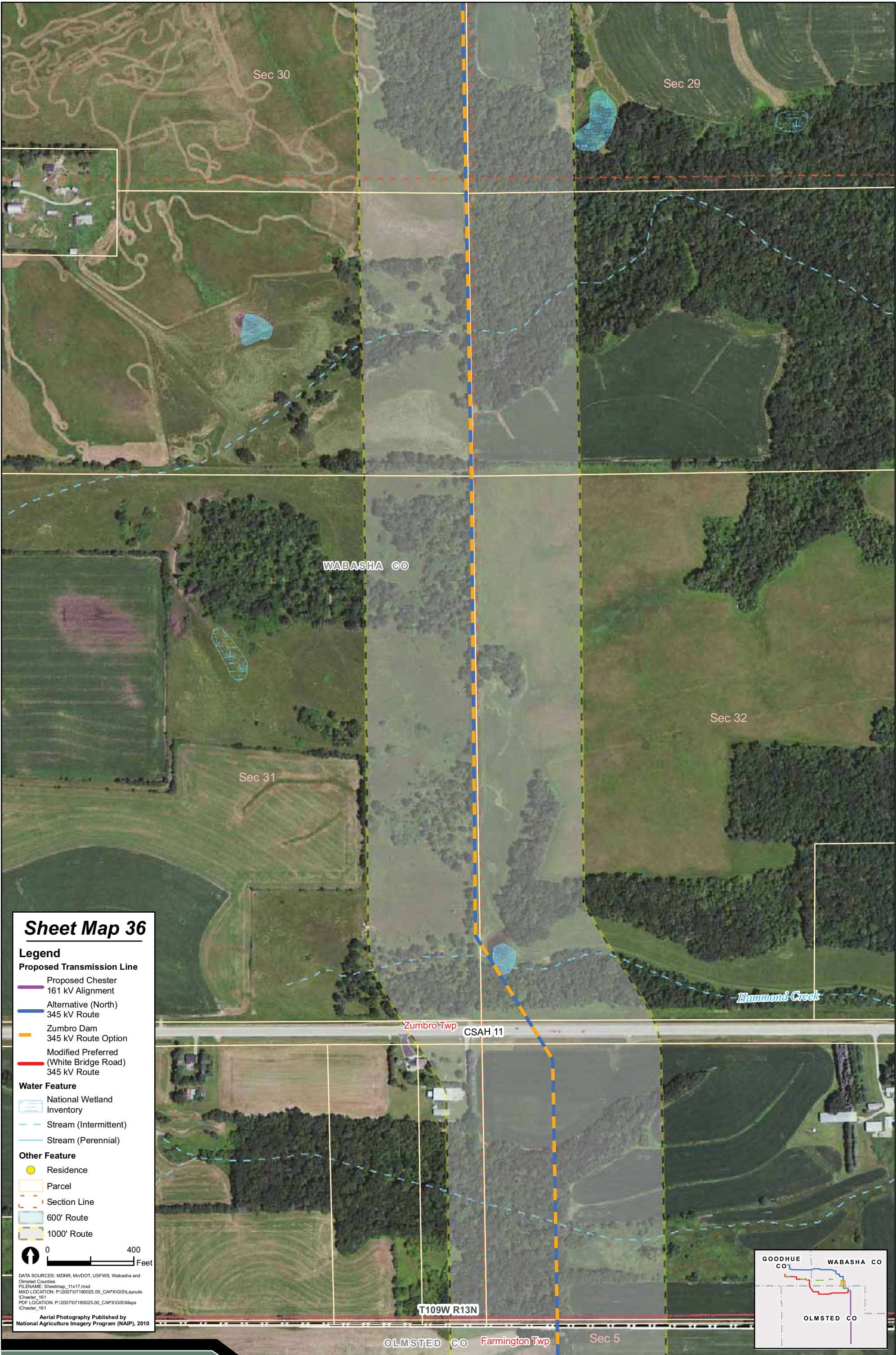
North Rochester - Chester 161 kV Transmission Project

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North Rochester-Chester  
161 kV Route Sheet Map

September 2011









Sheet Map 37

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)

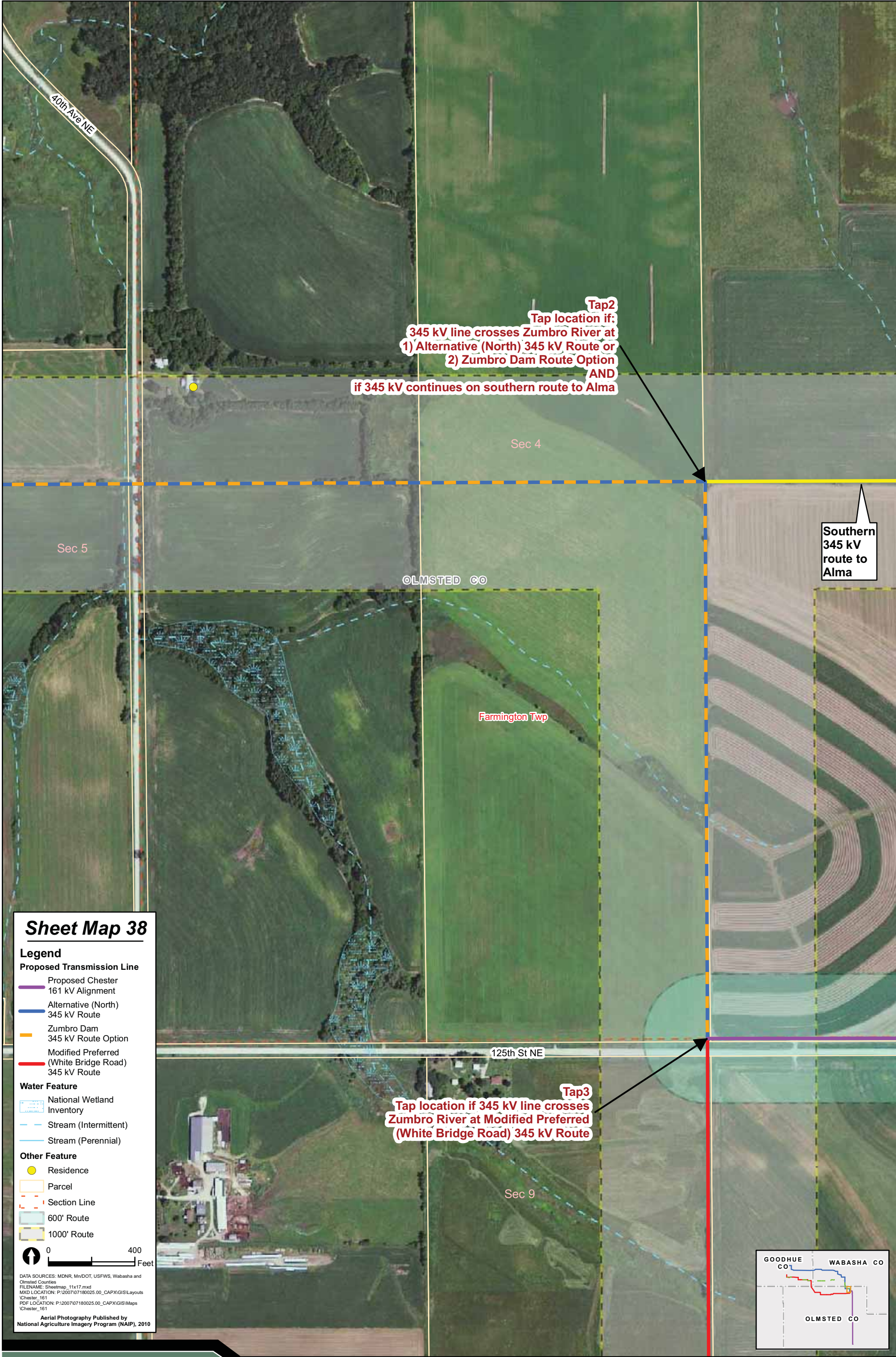
- Other Feature**
- Residence
  - Parcel
  - Section Line
  - 600' Route
  - 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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PDF LOCATION: P:\2007\07180025.00\_CAP\GIS\Maps\Sheetmap\_161

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**Sheet Map 38**

**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

600' Route

1000' Route

0400

Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties

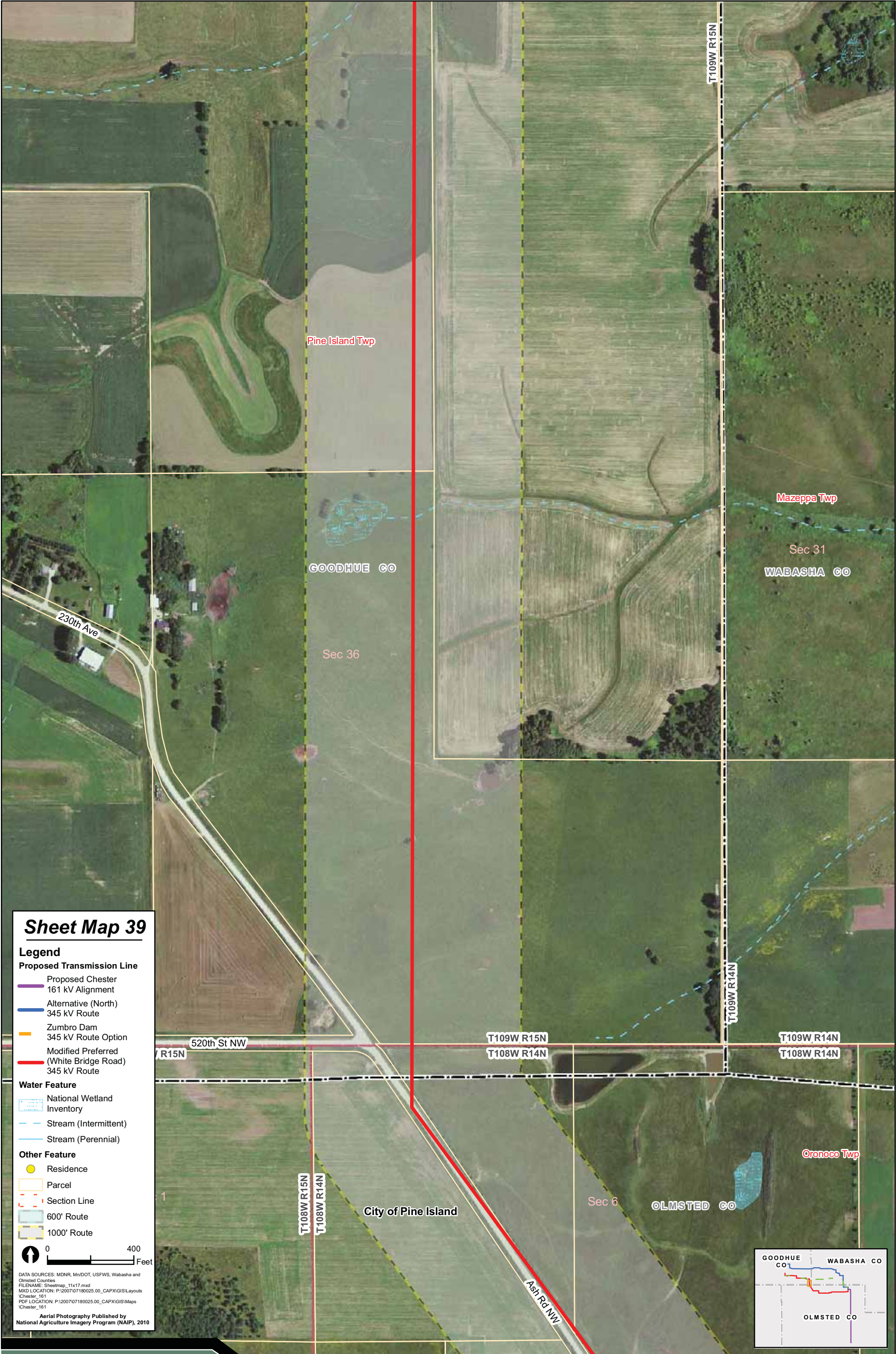
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PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Chester\_161

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## Sheet Map 40

### 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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## Sheet Map 41

### 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
- 600' Route
- 1000' Route

0 400 Feet

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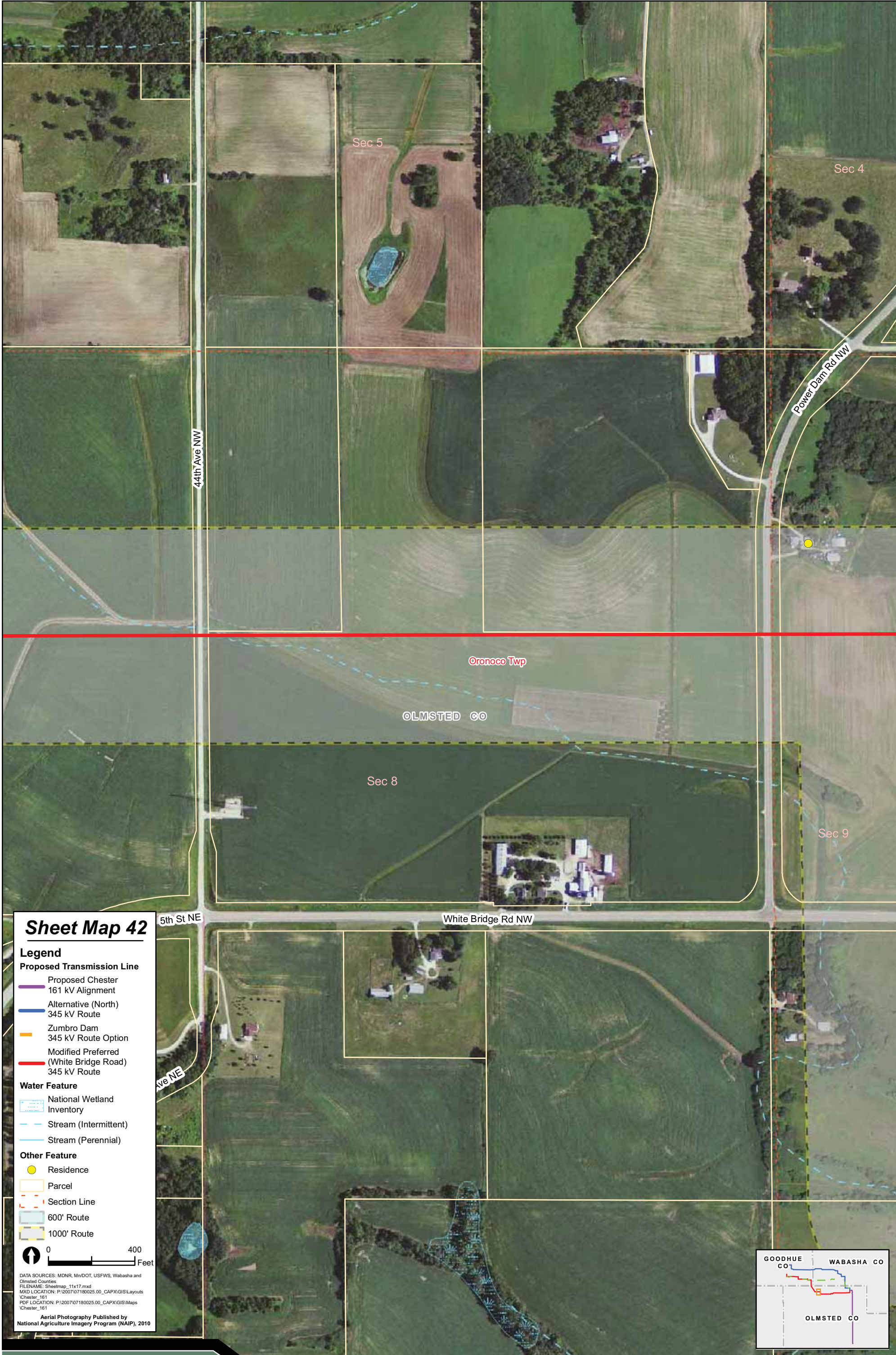
North Rochester - Chester 161 kV Transmission Project

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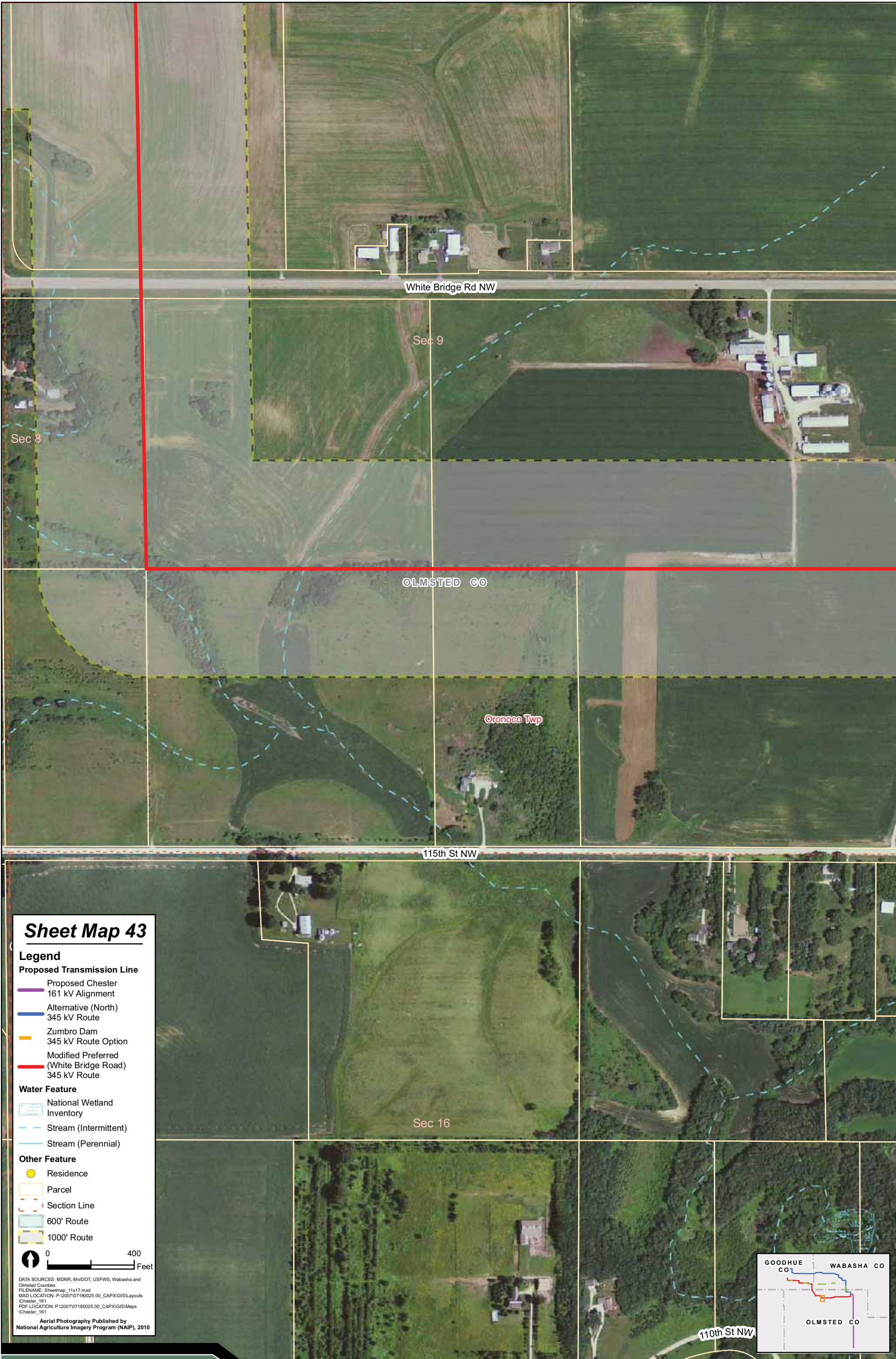
North Rochester-Chester  
161 kV Route Sheet Map

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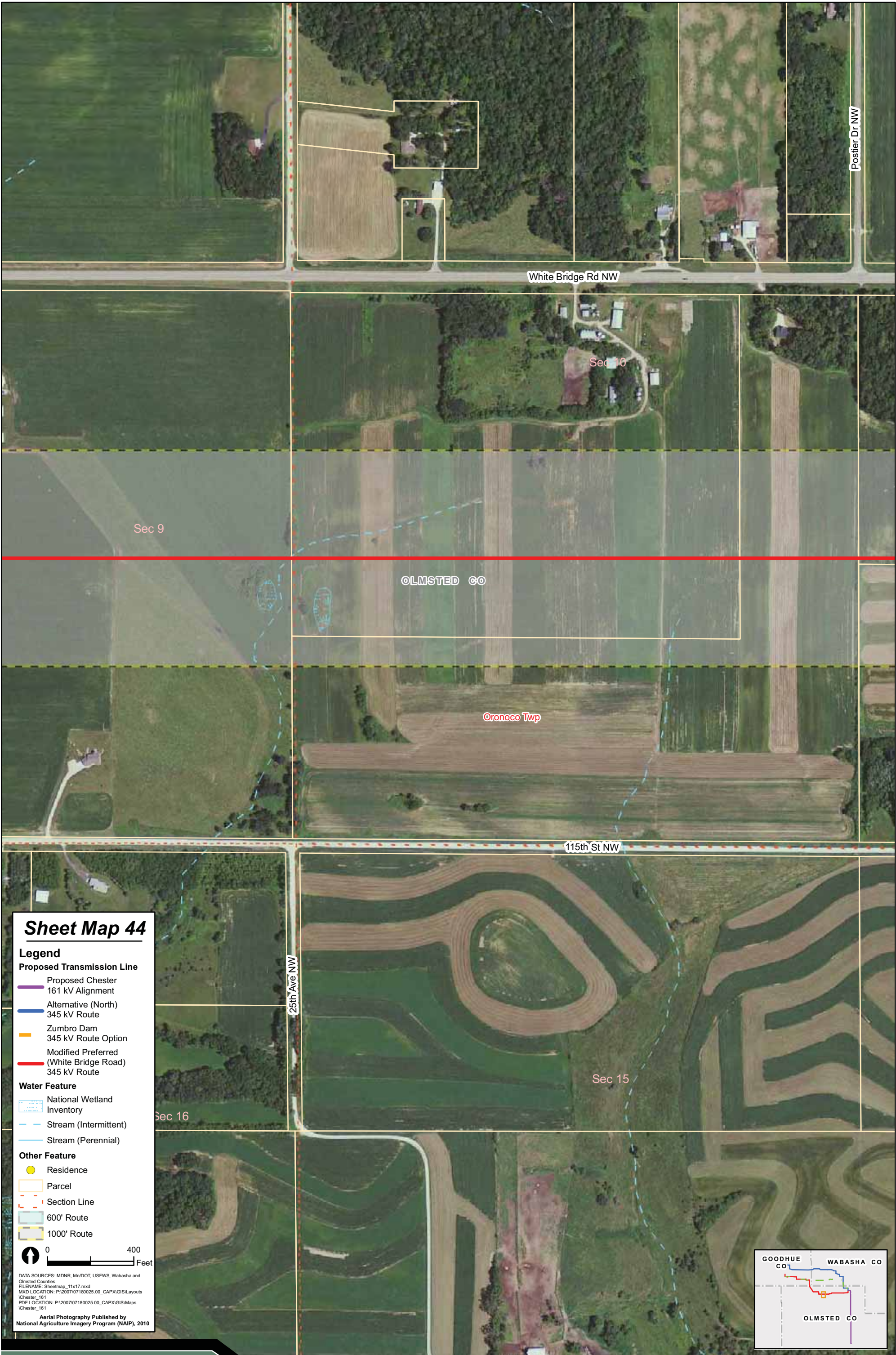




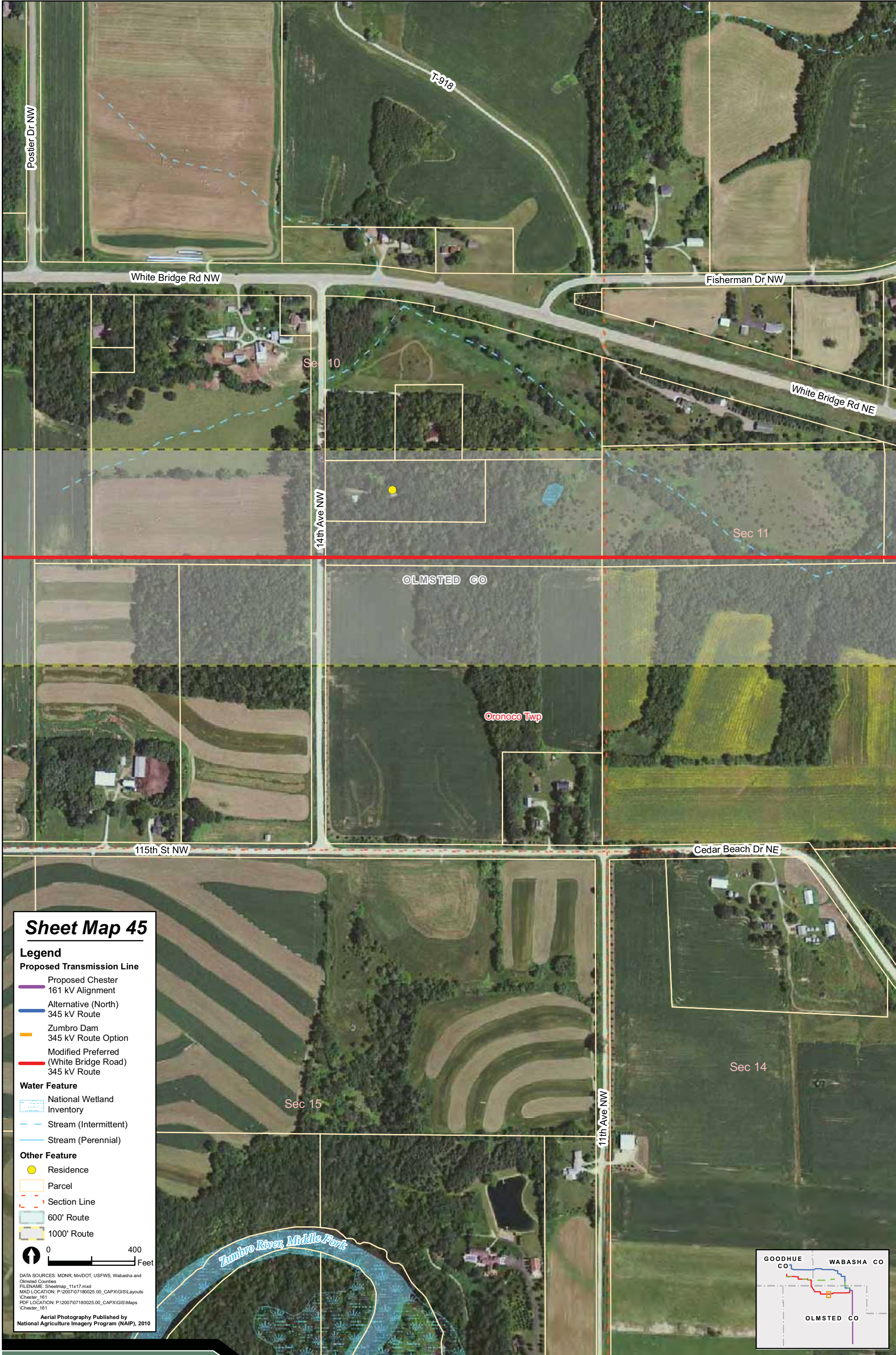












## Sheet Map 45

### 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
- 600' Route
- 1000' Route

0

400

Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties

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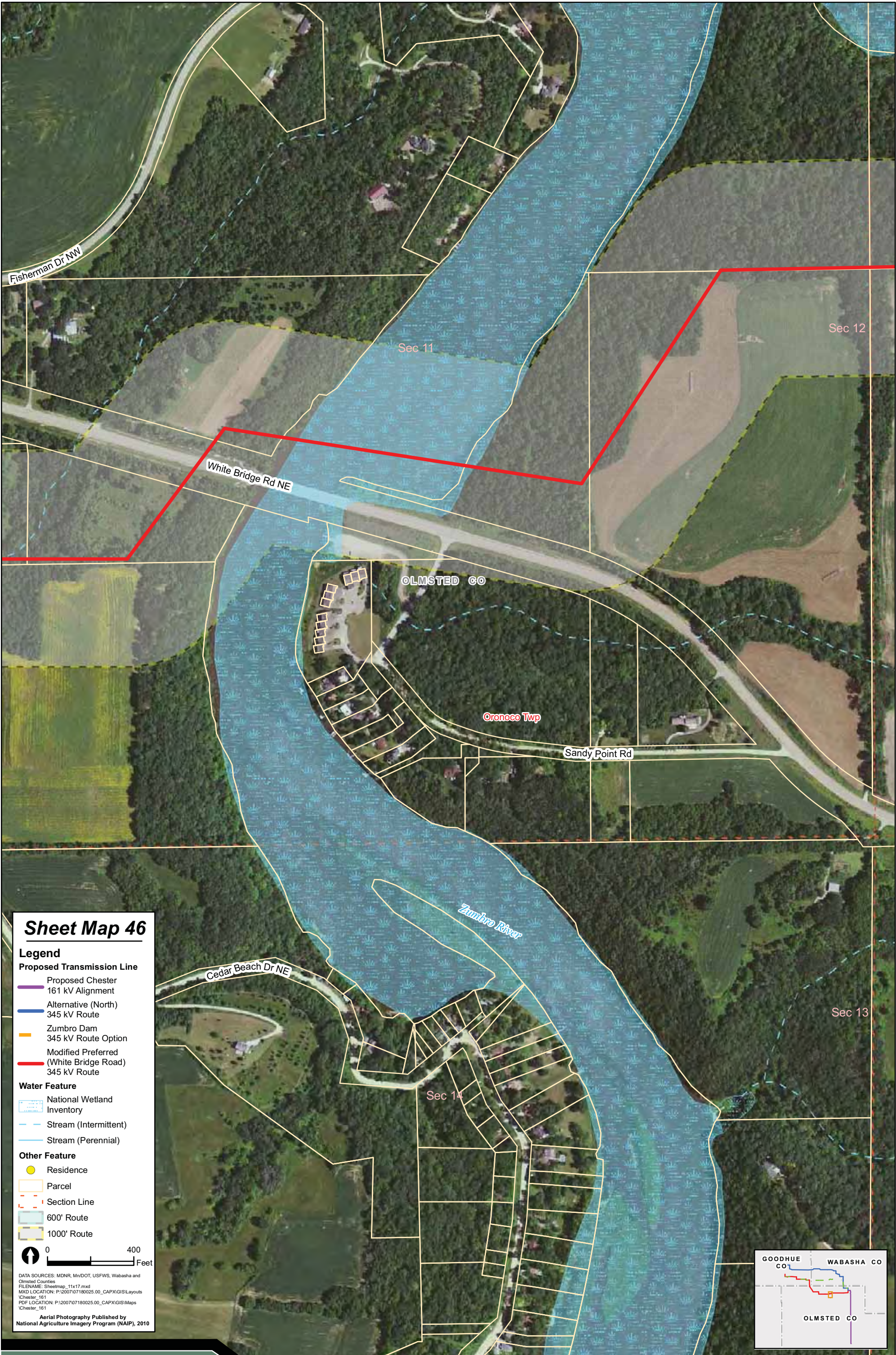
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Aerial Photography Published by

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Sheet Map 46

Legend

Proposed Transmission Line

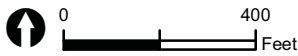
- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

Water Feature

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

Other Feature

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



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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## Sheet Map 47

### 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)

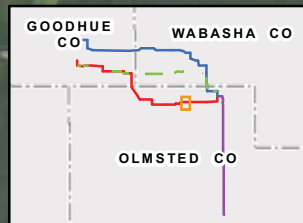
#### Other Feature

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

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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MXD LOCATION: P:\2007\07180025.00\_CAPX\GIS\Layouts\Chester\_161  
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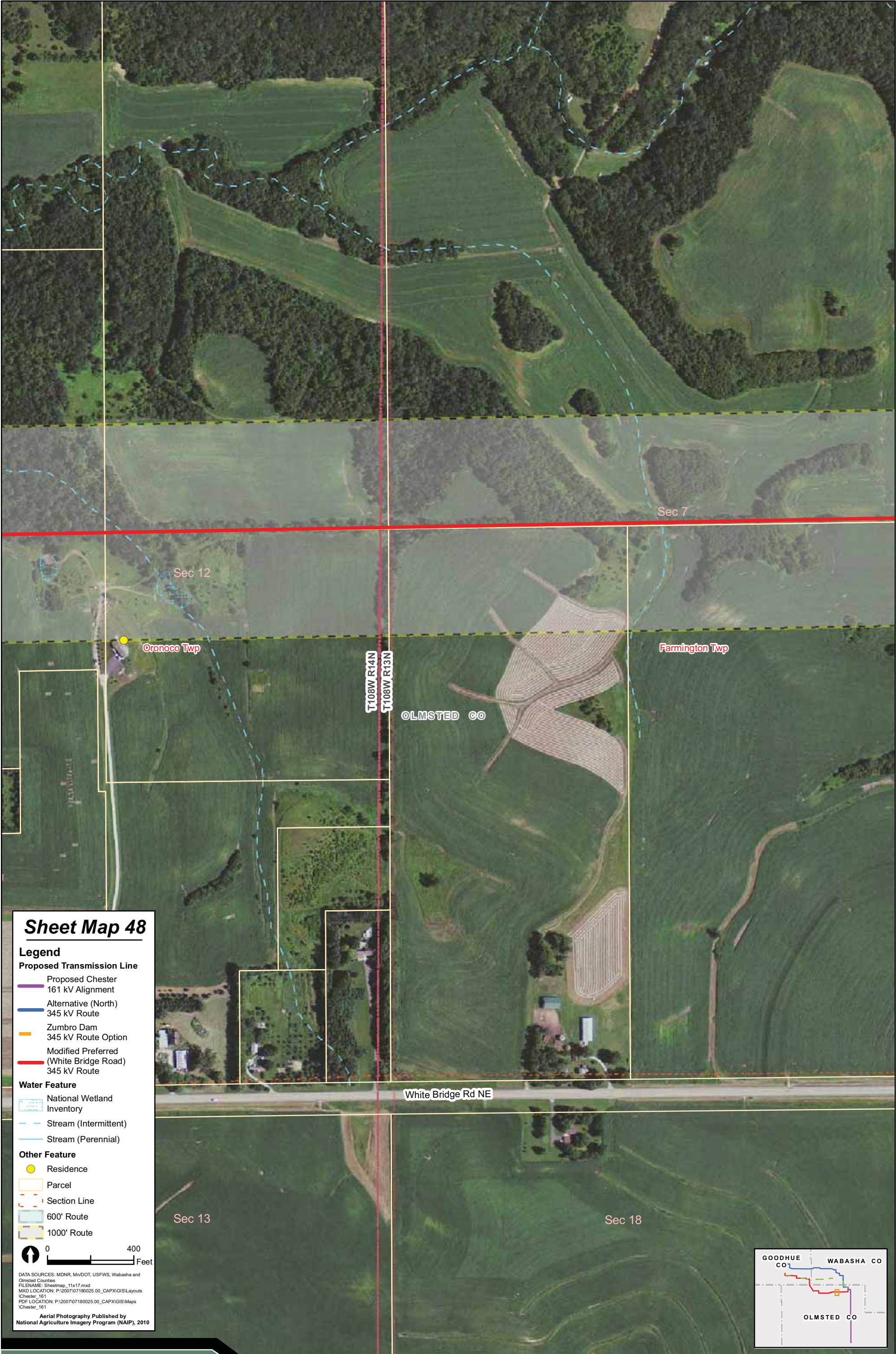
North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester  
161 kV Route Sheet Map

September 2011

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## Sheet Map 48

### 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
- 600' Route
- 1000' Route

0 400 Feet

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

North Rochester-Chester 161 kV Route Sheet Map

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# Sheet Map 49

## 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
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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## Sheet Map 50

### 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
- 600' Route
- 1000' Route

0 400 Feet

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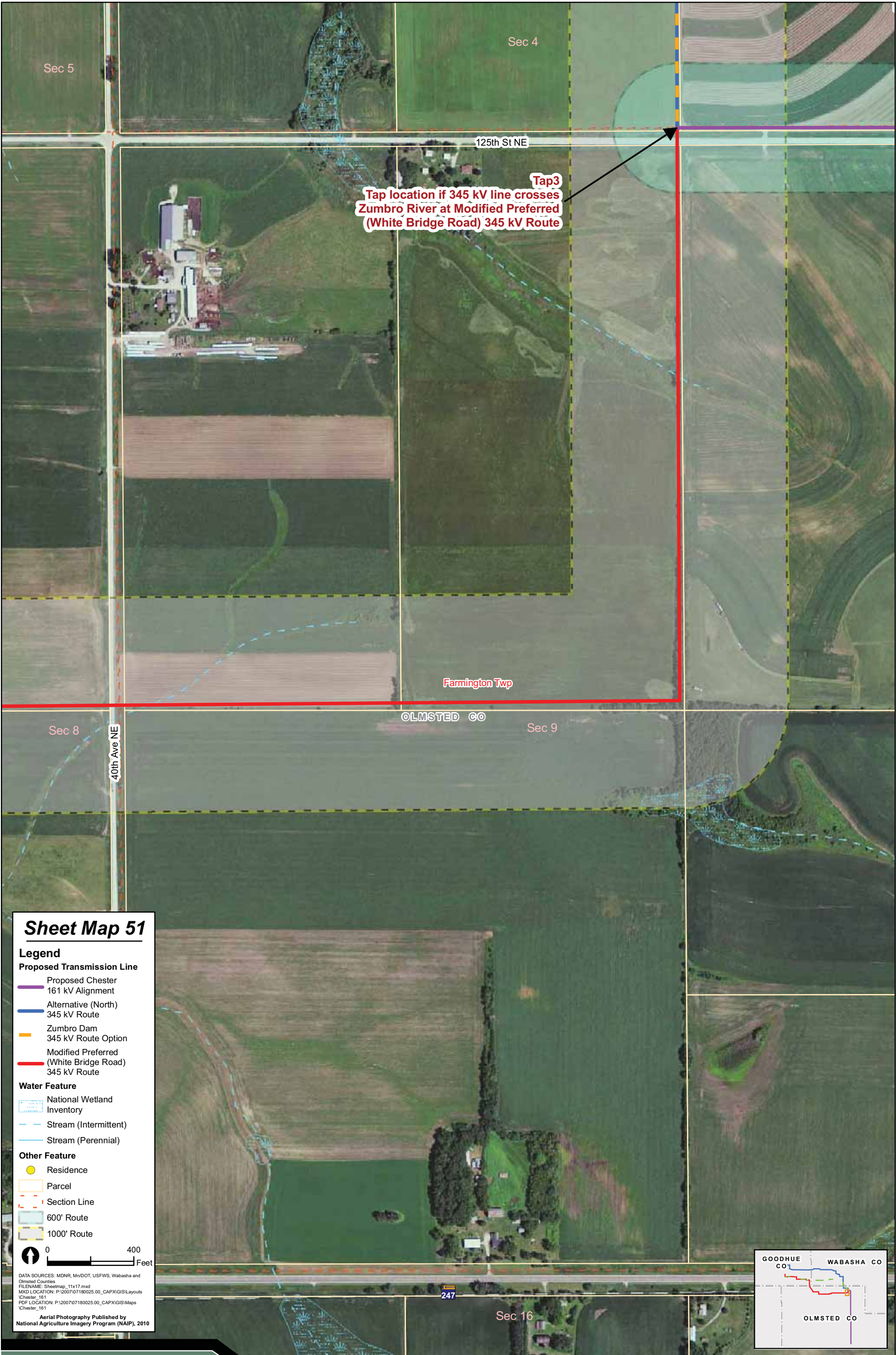
North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester 161 kV Route Sheet Map

September 2011

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## Sheet Map 51

### 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)

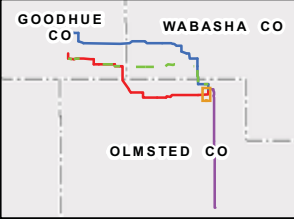
#### Other Feature

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

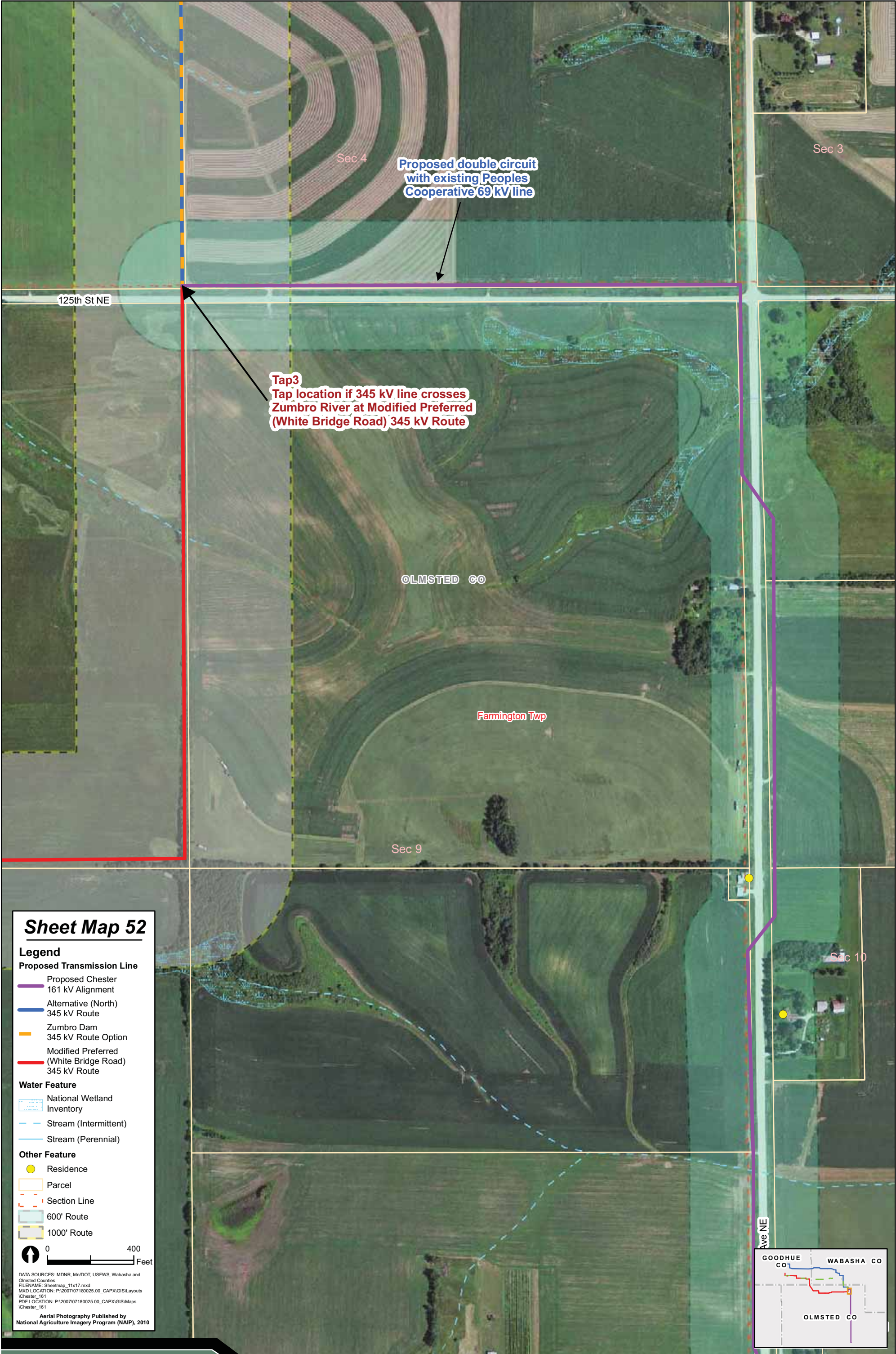
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### Sheet Map 52

**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**

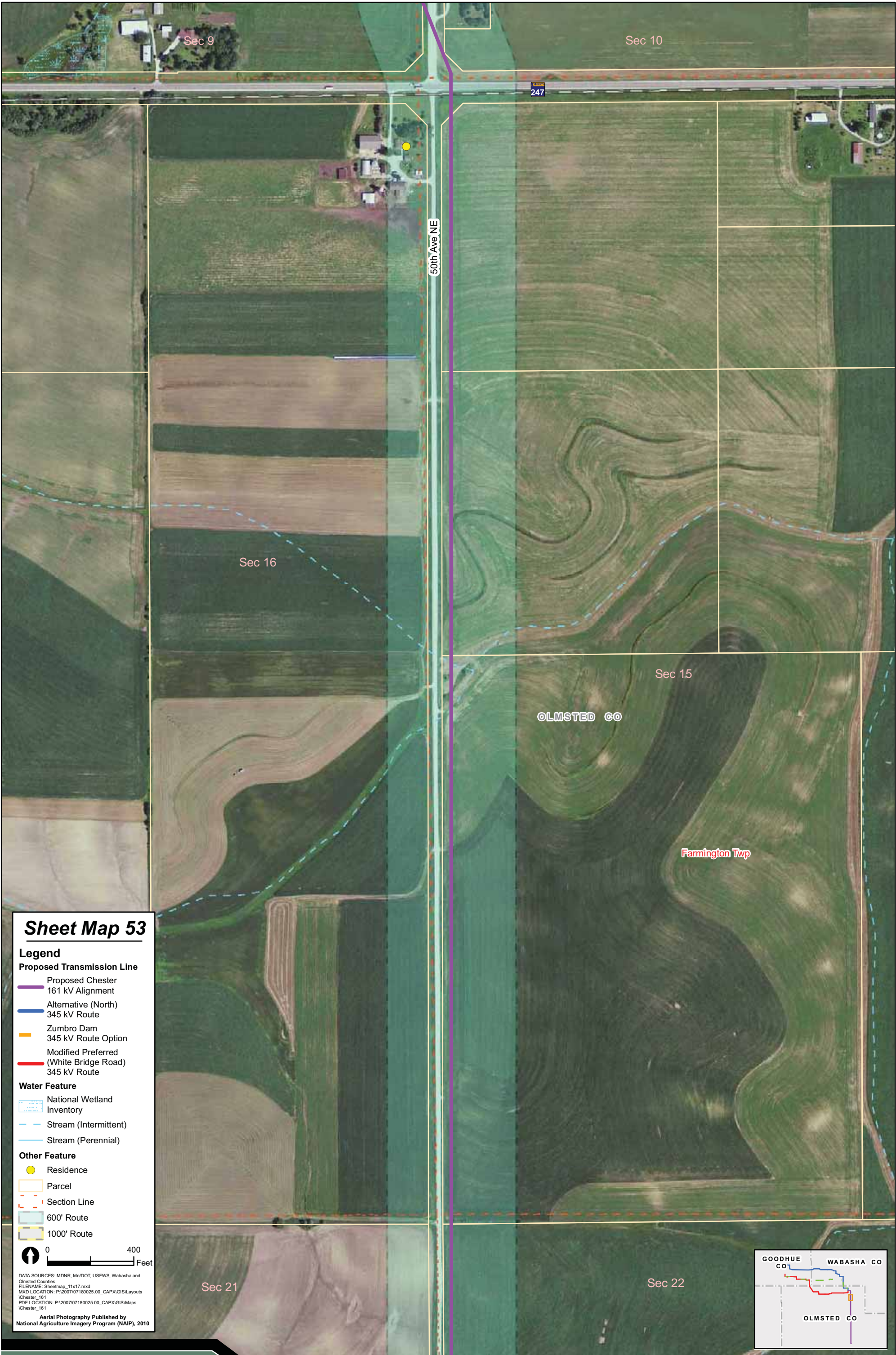
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route

0400

Feet

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### Sheet Map 53

**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
- 600' Route
- 1000' Route

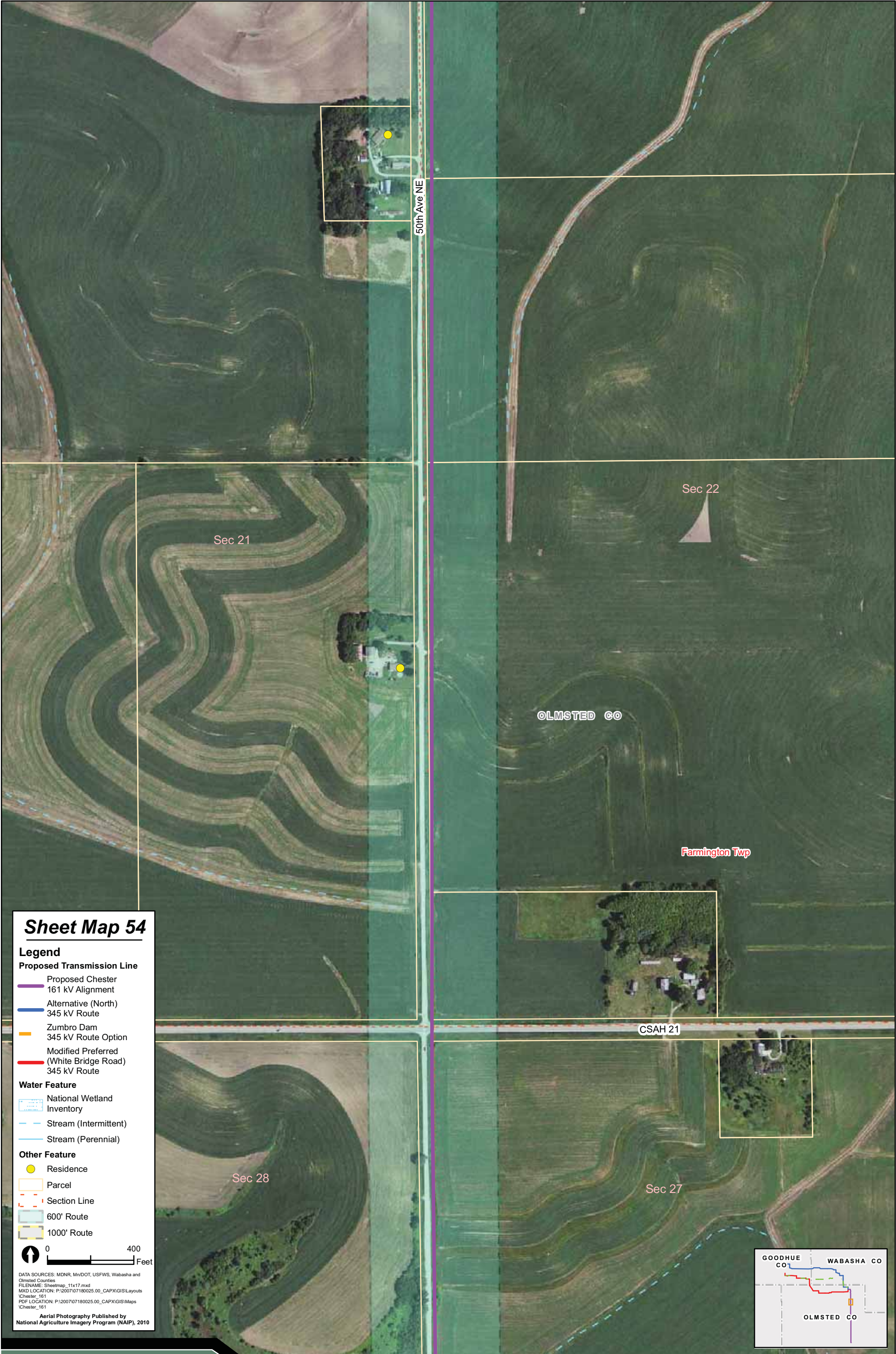
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Feet

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## Sheet Map 54

### 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
- 600' Route
- 1000' Route

0 400 Feet

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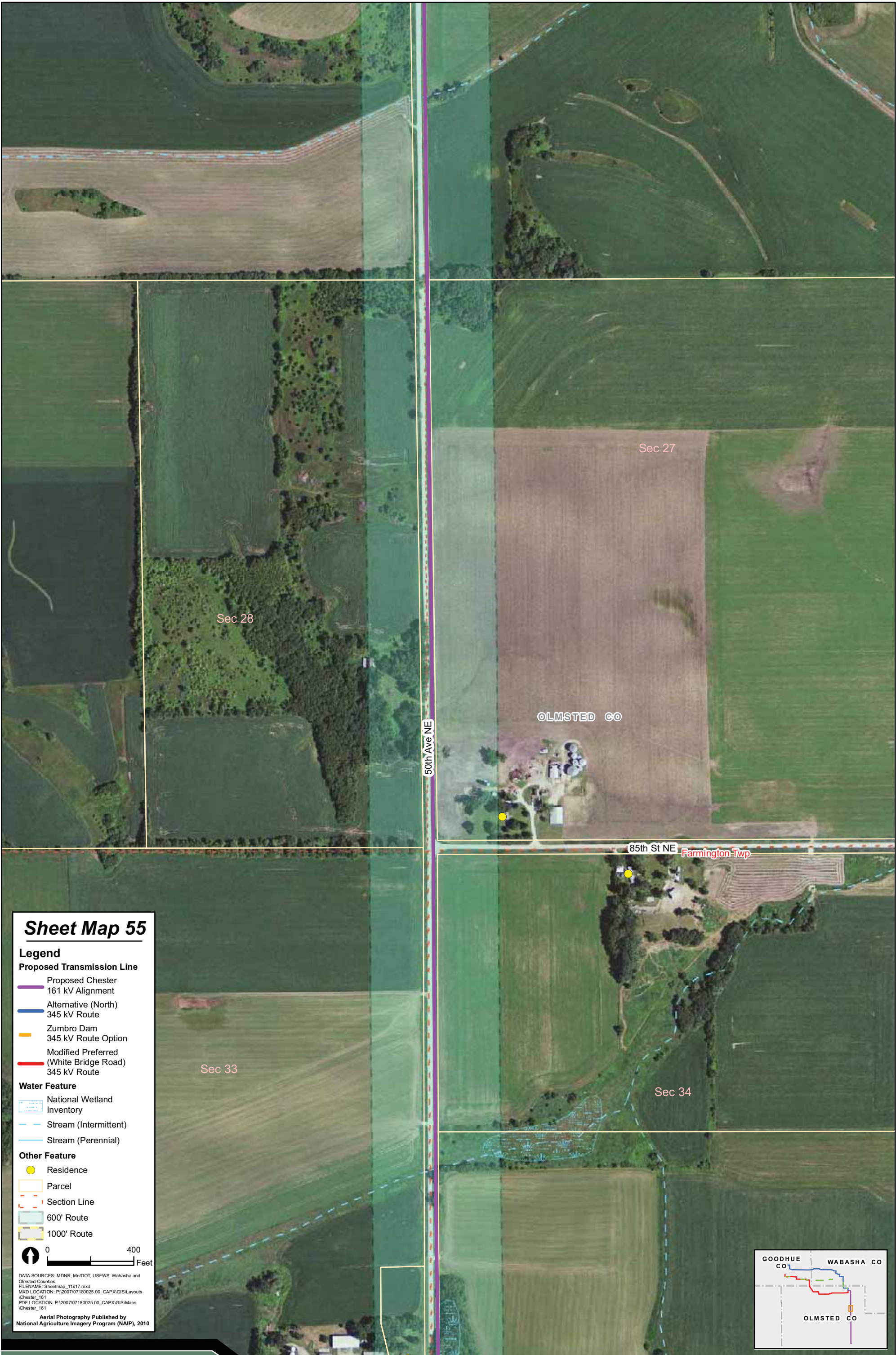
North Rochester - Chester 161 kV Transmission Project

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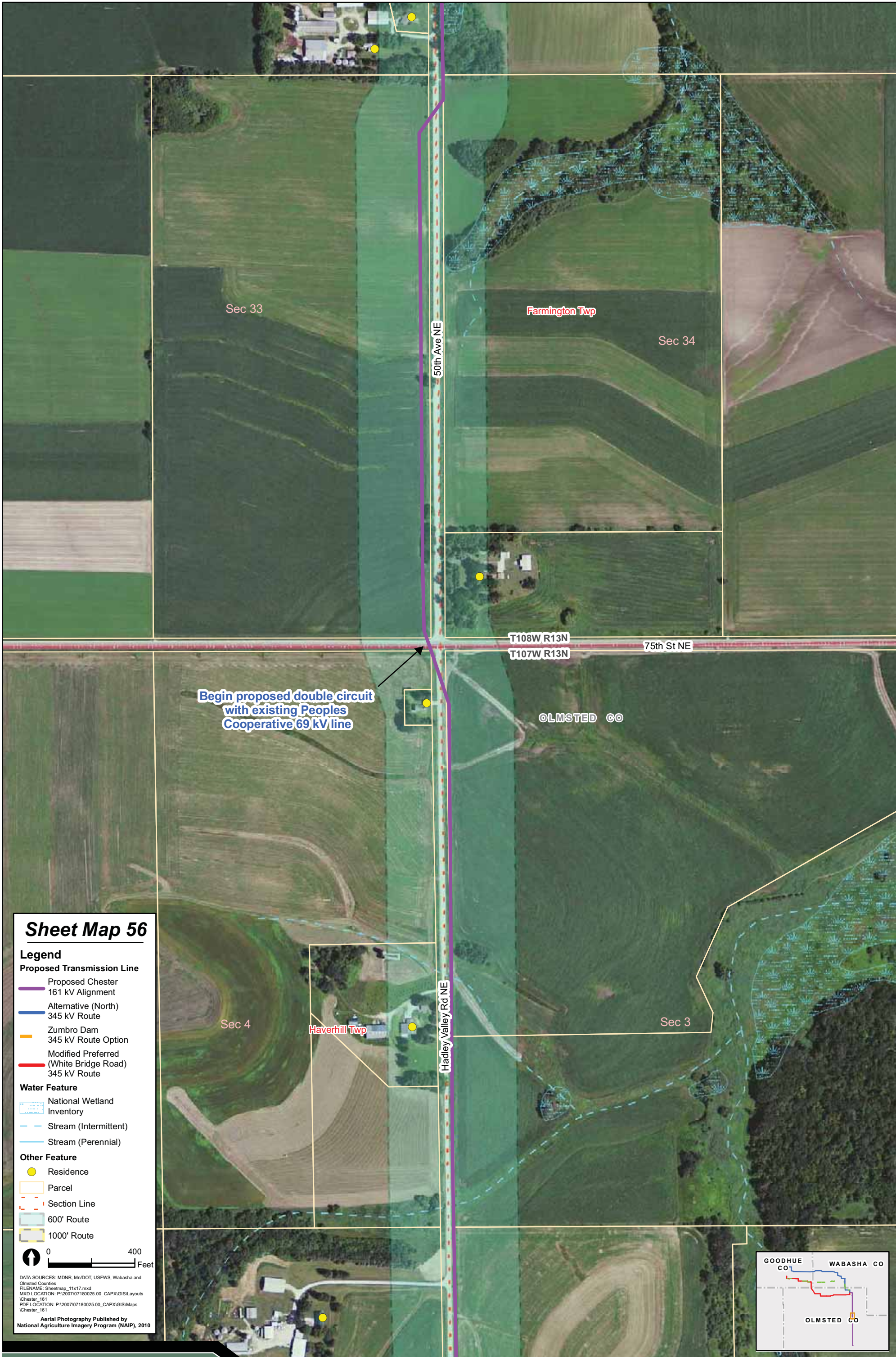
North Rochester-Chester  
161 kV Route Sheet Map

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## Sheet Map 56

### 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

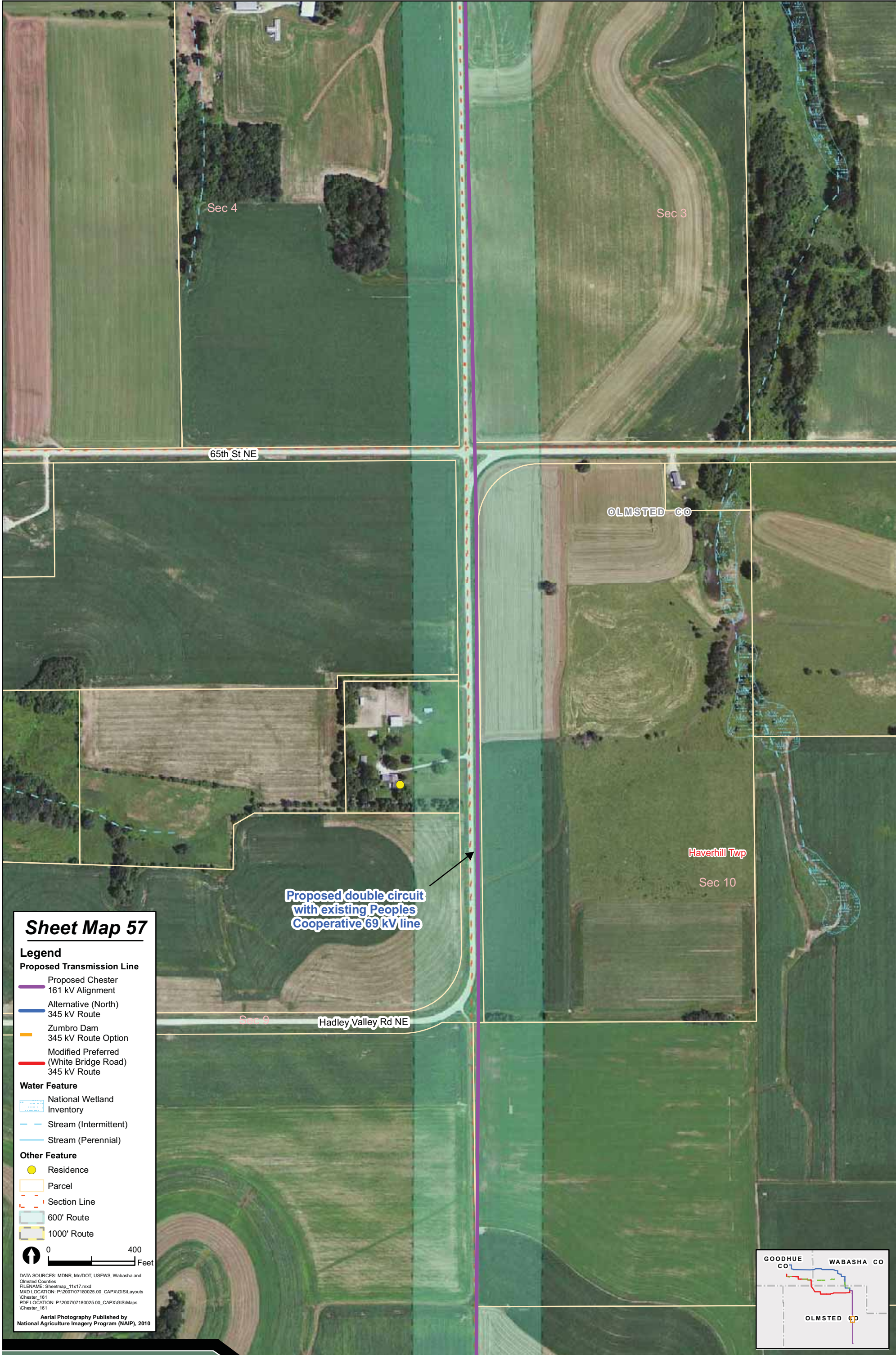
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route

0 400 Feet

DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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### Sheet Map 57

**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**

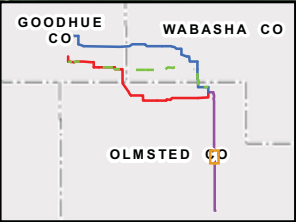
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route

0400

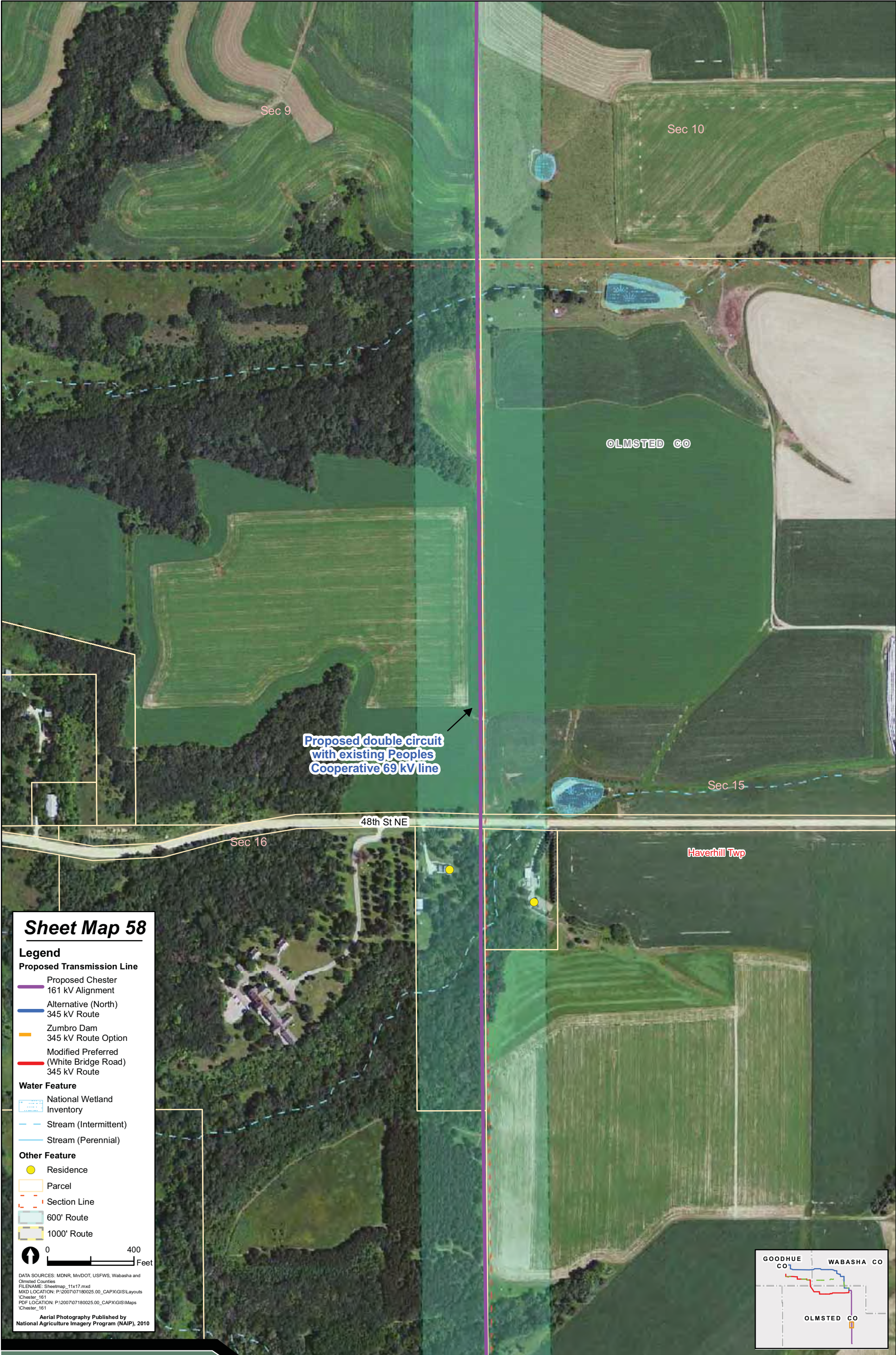
Feet

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Sheet Map 58

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)

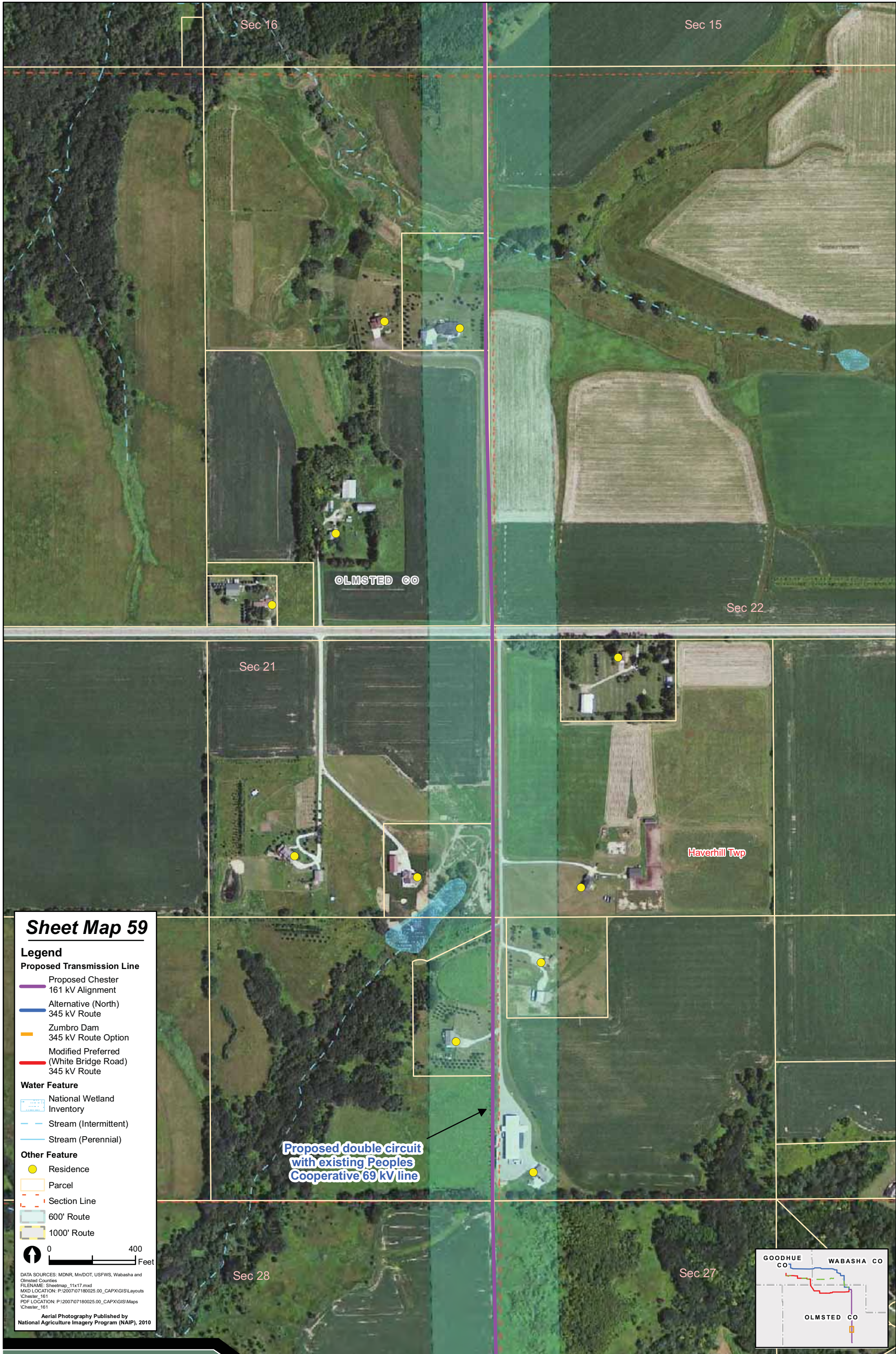
- Other Feature**
- Residence
  - Parcel
  - Section Line
  - 600' Route
  - 1000' Route



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
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PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Sheetmap\_161

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Sheet Map 59

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
- 600' Route
- 1000' Route



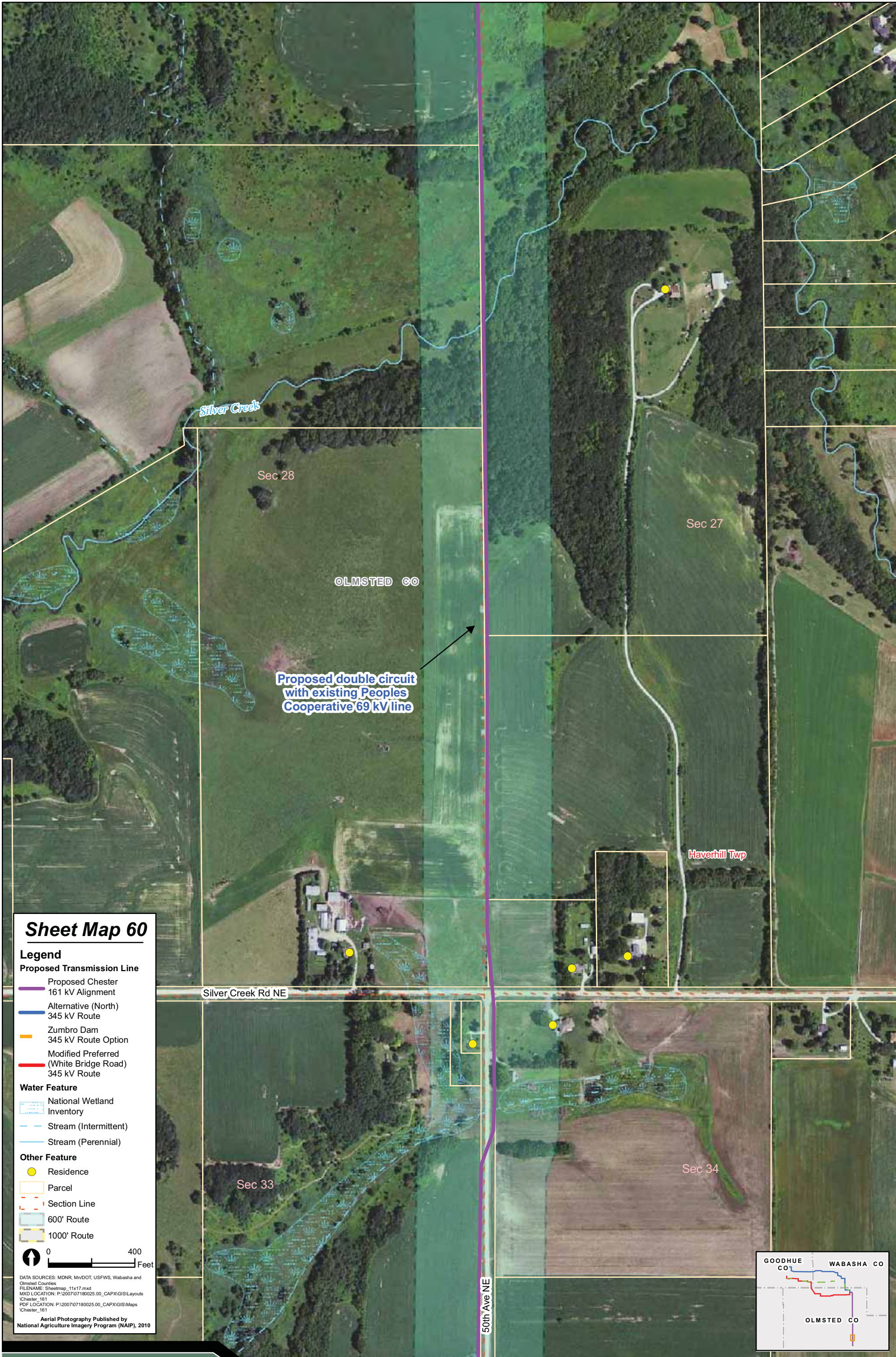
DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
FILENAME: Sheetmap\_11x17.mxd  
MXD LOCATION: P:\2007\07180025.00\_CAPX\GIS\Layouts\Chester\_161  
PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Chester\_161

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Proposed double circuit with existing Peoples Cooperative 69 kV line







Sheet Map 60

Legend

Proposed Transmission Line

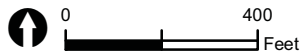
- Proposed Chester 161 kV Alignment
- Alternative (North) 345 kV Route
- Zumbro Dam 345 kV Route Option
- Modified Preferred (White Bridge Road) 345 kV Route

Water Feature

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

Other Feature

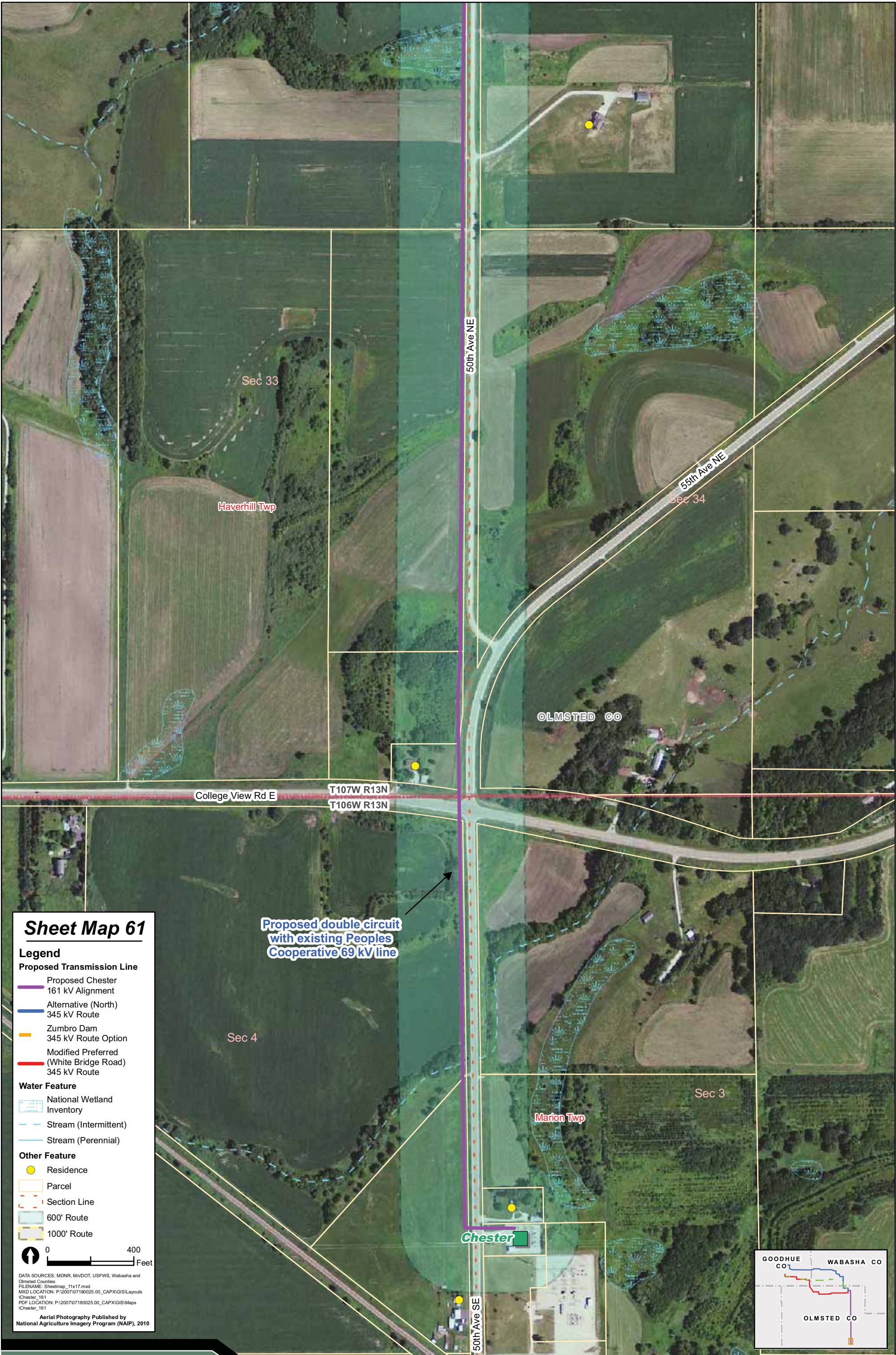
- Residence
- Parcel
- Section Line
- 600' Route
- 1000' Route



DATA SOURCES: MDNR, Mn/DOT, USFWS, Wabasha and Olmsted Counties  
FILENAME: Sheetmap\_11x17.mxd  
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PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Chester\_161

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## Sheet Map 61

### 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
- 600' Route
- 1000' Route

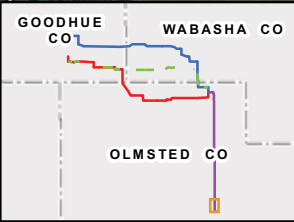
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DATA SOURCES: MNR, MnDOT, USFWS, Wabasha and Olmsted Counties  
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PDF LOCATION: P:\2007\07180025.00\_CAPX\GIS\Maps\Chester\_161

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Proposed double circuit  
with existing Peoples  
Cooperative 69 kV line

Chester



CapX2020

North Rochester - Chester 161 kV Transmission Project

North Rochester-Chester  
161 kV Route Sheet Map

September 2011

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