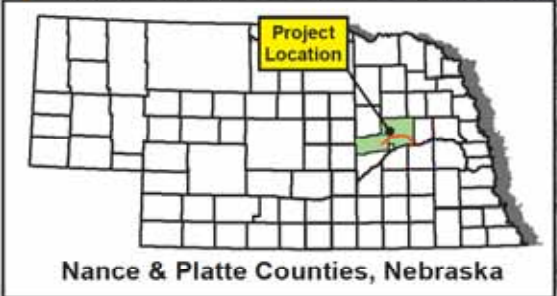
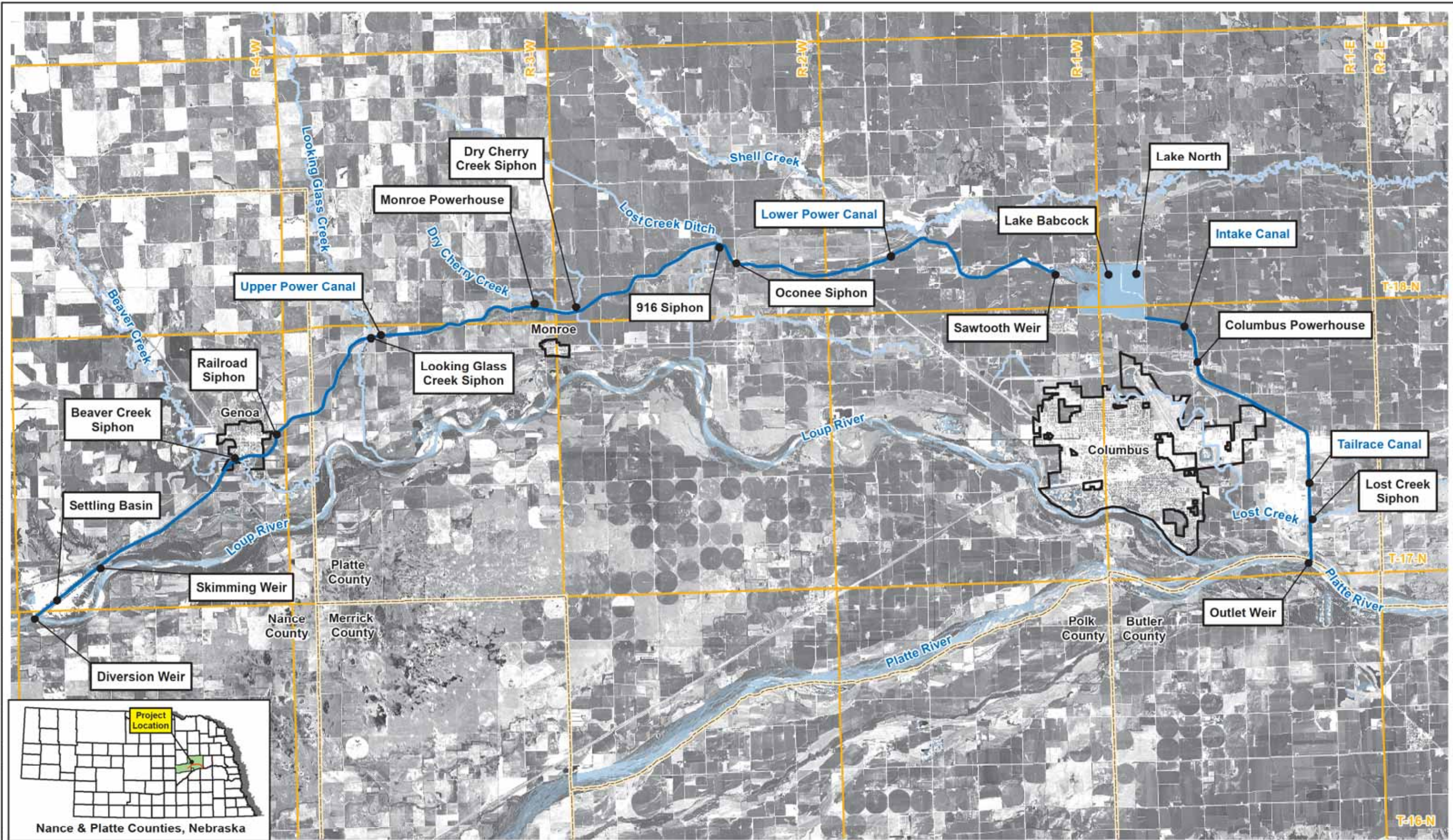


APPENDIX E-1

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EXHIBIT E FIGURES

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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic.  
 Corporate Limits: 2010 Census Tiger Files  
 Waterway: 2011 National Hydrography Dataset (NHD)  
 Stream Areas/Lakes: 2000 Tiger Line Files, Platte and Nance Counties.

- Legend**
- Loup Power Canal
  - Waterway
  - Corporate Limits
  - Township/Range
  - County Line



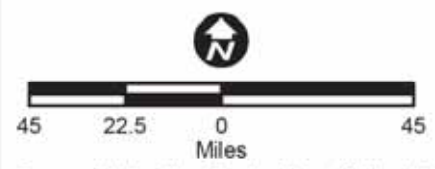
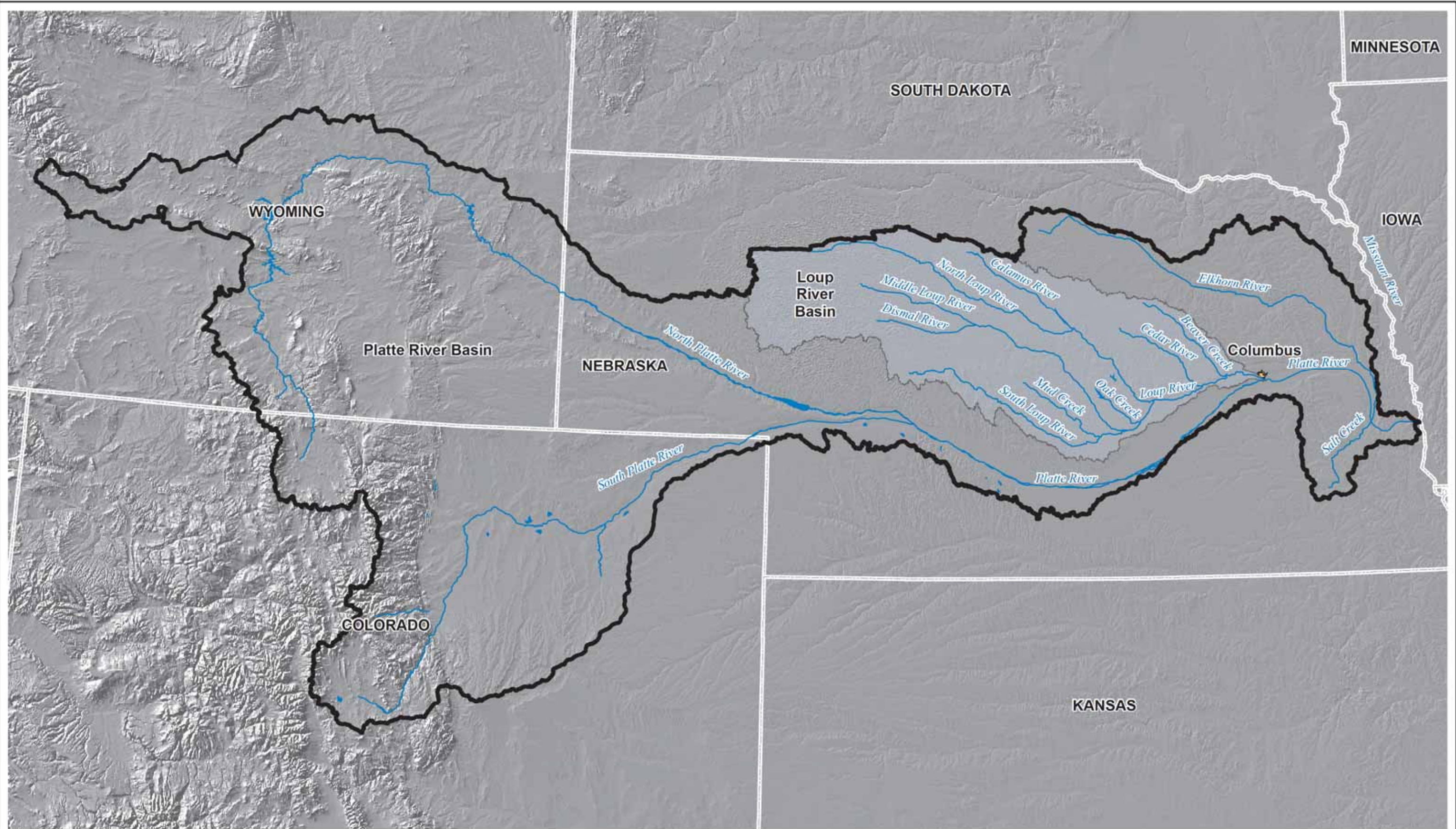
**Project Location**

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FIGURE	E-1

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Source: Platte River Basin, River, National Hydrography Dataset: U.S. Geological Survey

- Legend**
- Platte River Basin
  - River



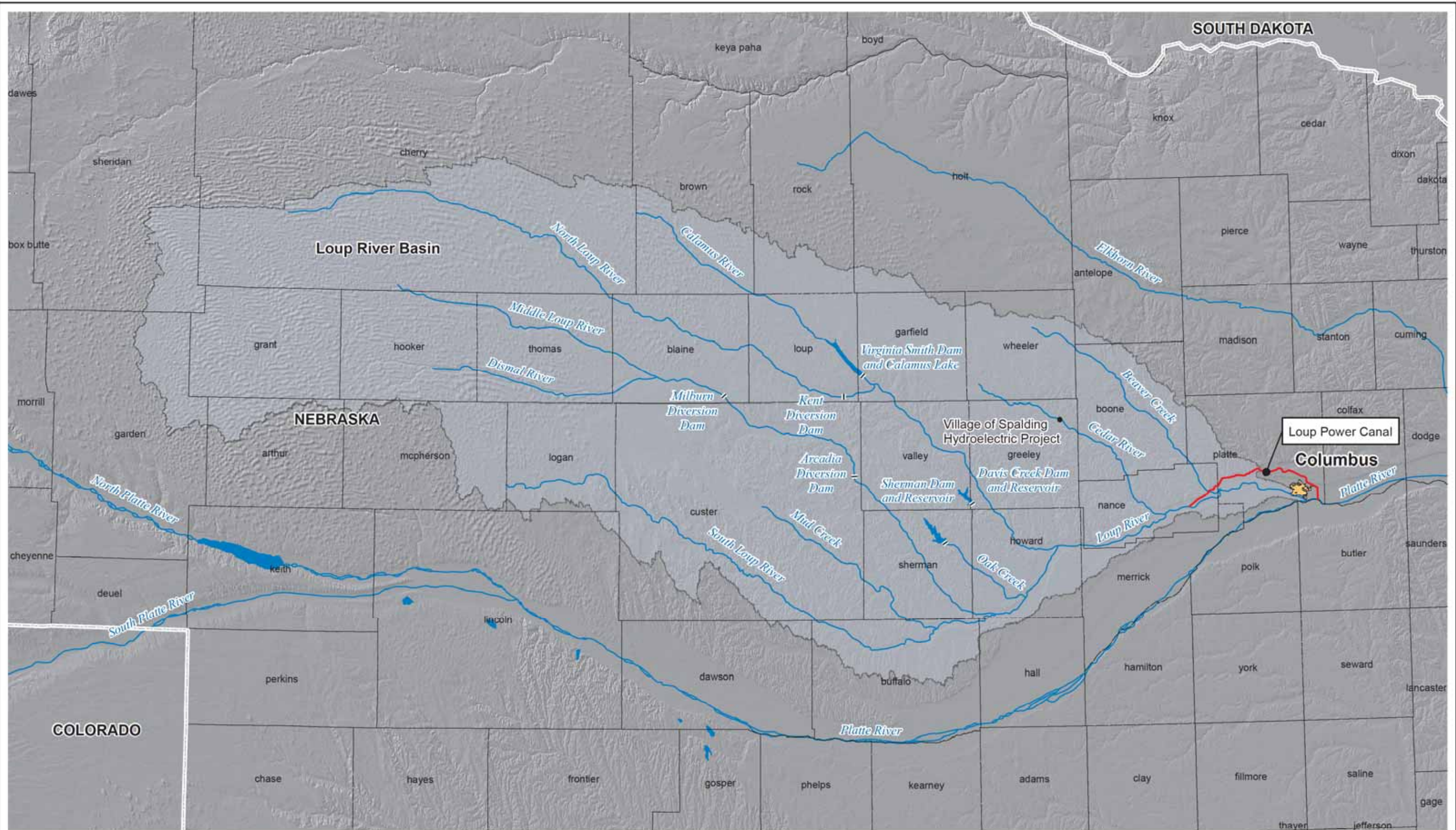
**Platte and Loup River Basins**

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FIGURE	E-2

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Sources: Loup River Basin & Rivers - National Hydrography Dataset, U.S. Geological Survey;  
Dams & Reservoirs - Nebraska Department of Natural Resources

- Legend**
- Dam
  - River
  - Reservoir



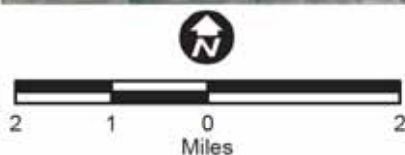
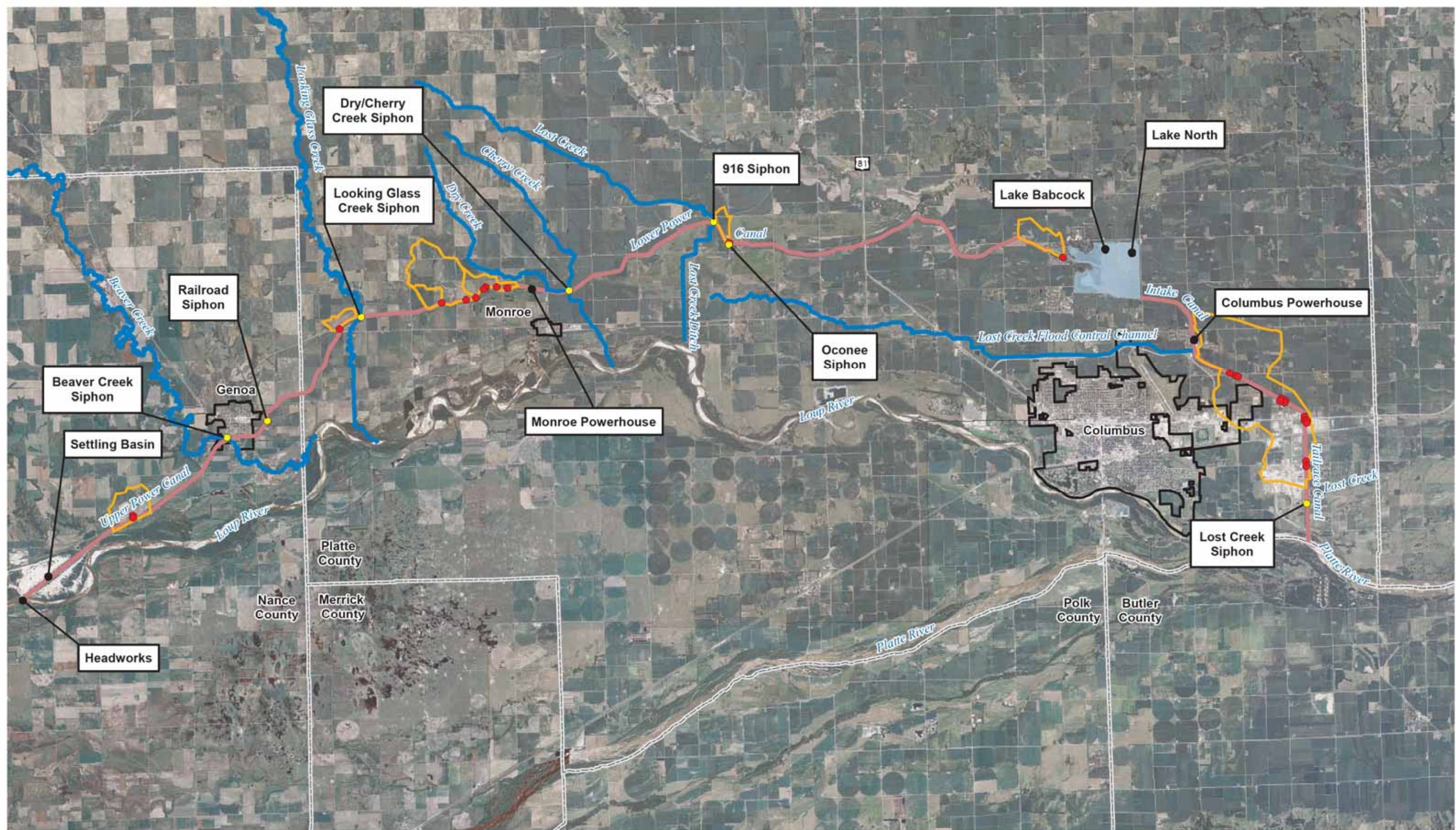
**Loup River Basin**

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FIGURE	E-3

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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties  
 Source: Local Drainage Basins - Delineated from USGS 7.5' Quadrangle Maps;  
 Streams - National Hydrography Dataset, U.S. Geological Survey

**Legend**

- Siphons
- Culvert Inlet Locations
- Local Drainage Basins
- Streams
- Loup Power Canal



**Streams and Drainage Basins in the Vicinity of the Project**

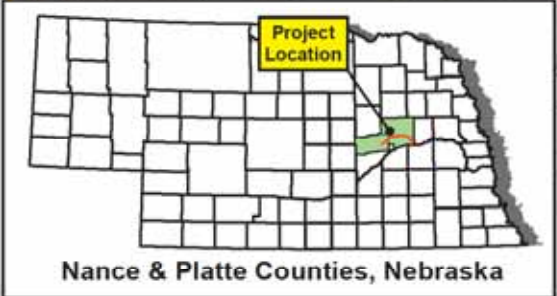
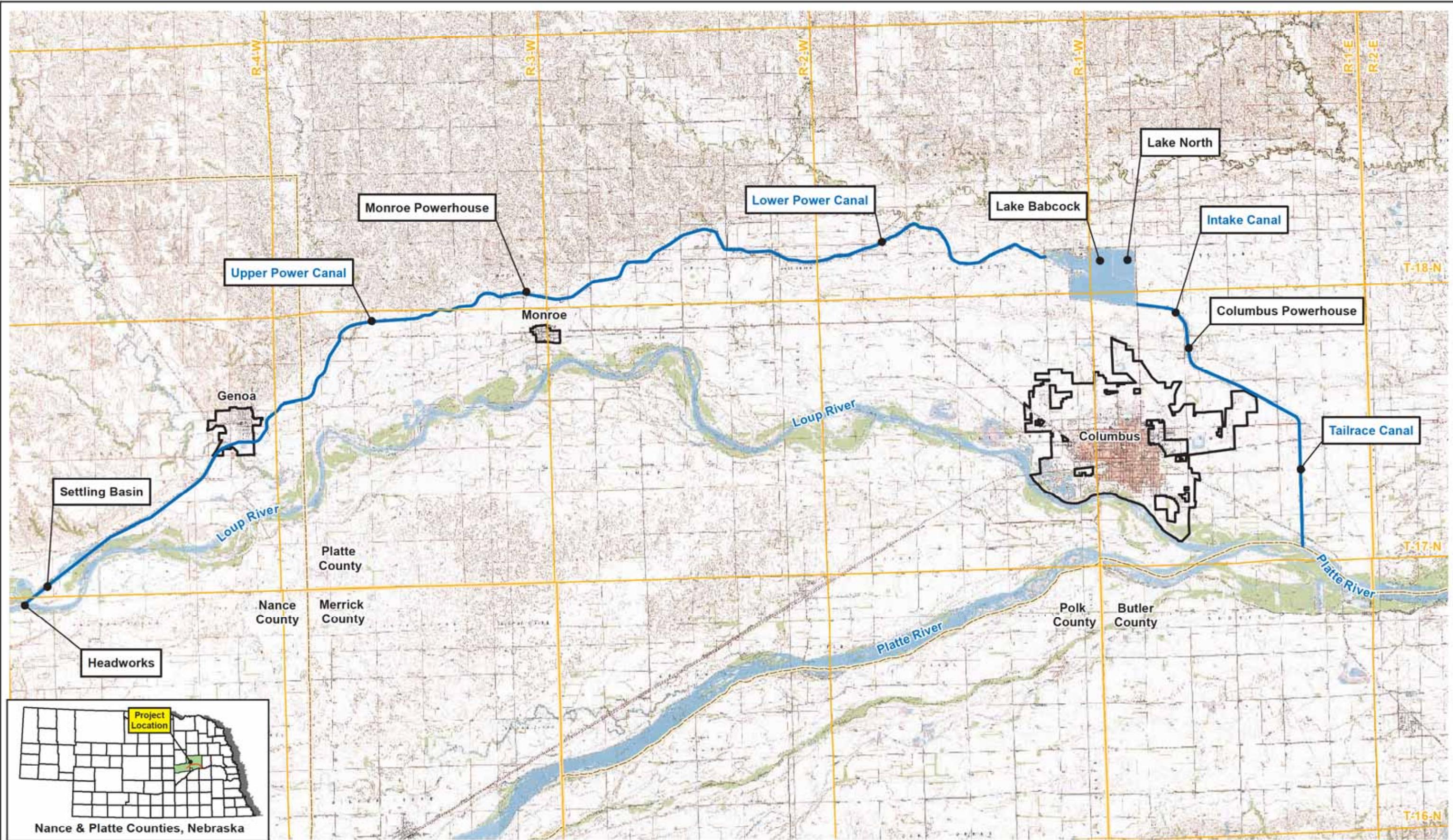
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Figure  
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**Legend**

- Loup Power Canal
- Corporate Limits
- Township/Range
- County Line



**Topography**

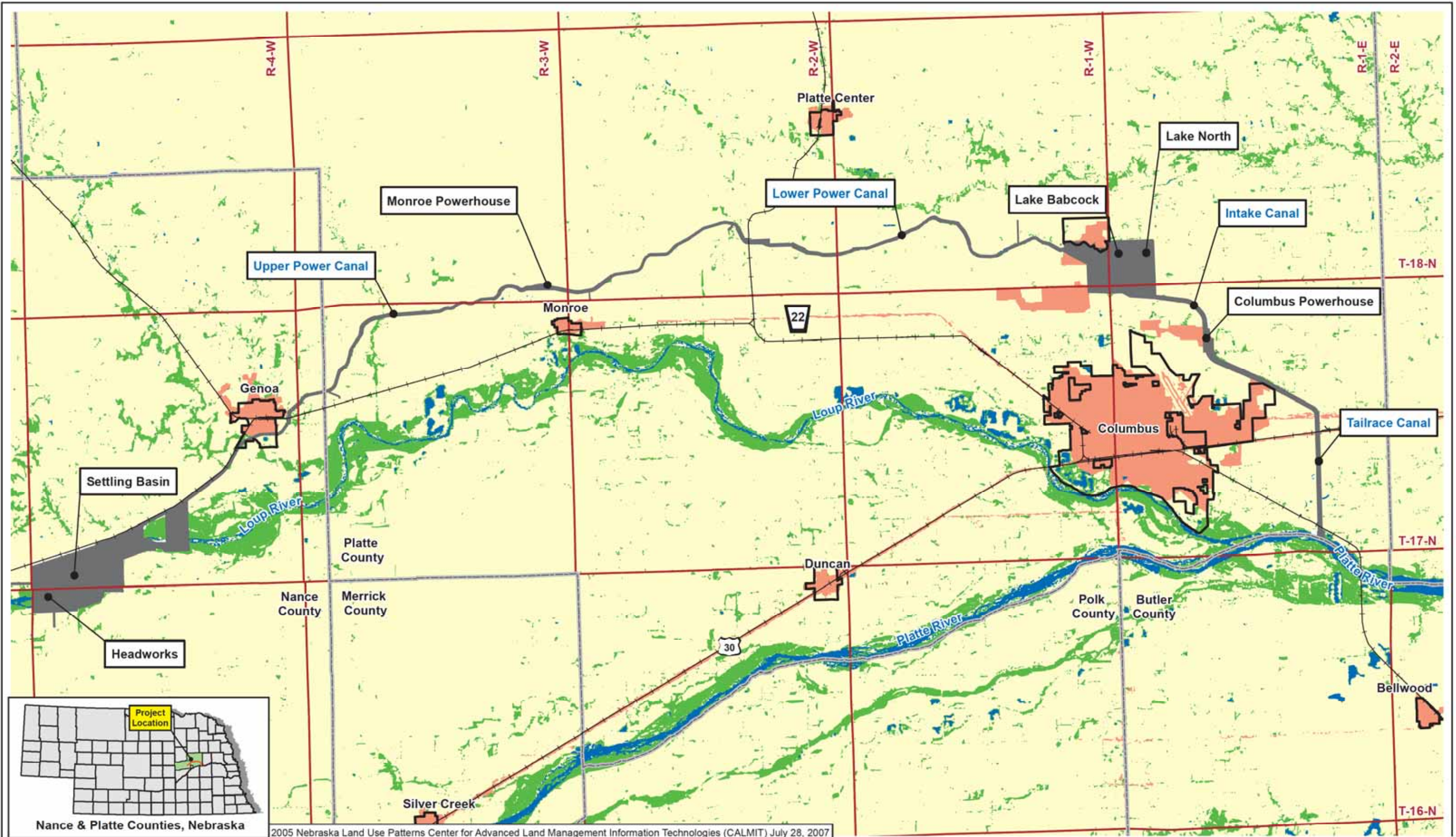
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FIGURE  
E-5

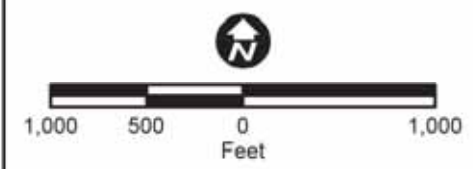
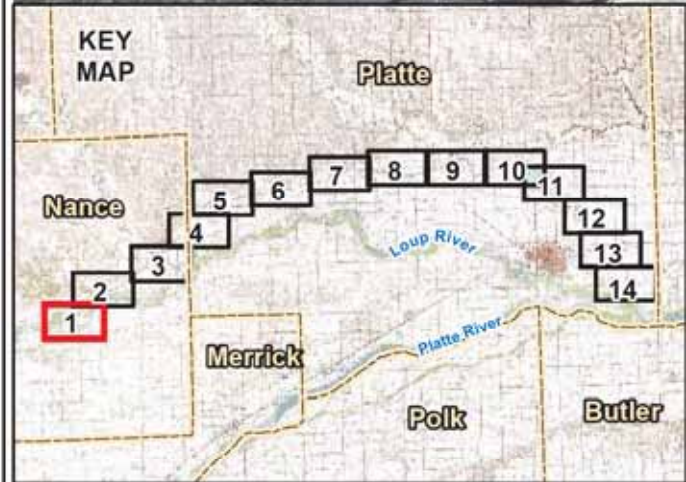
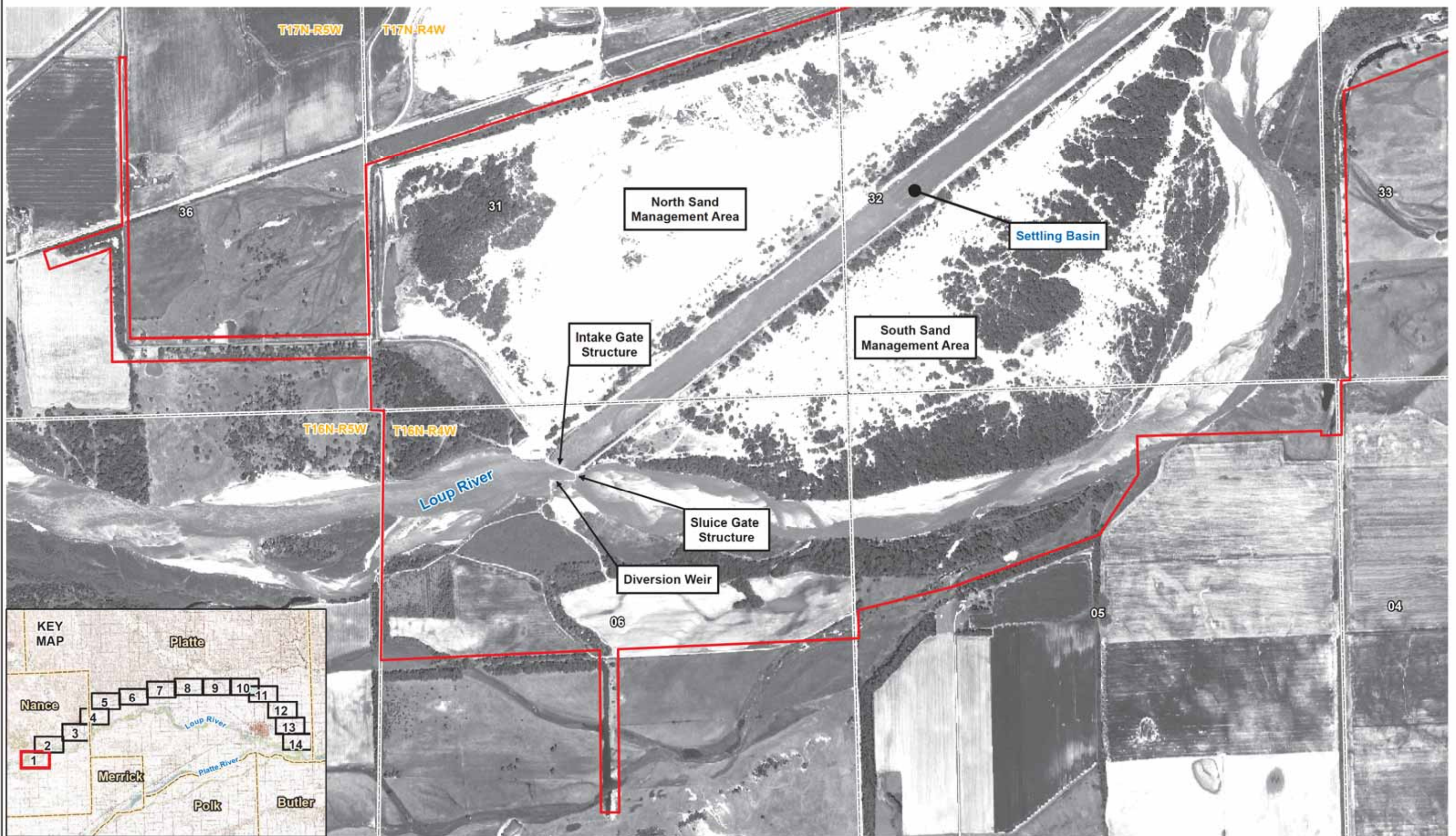
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2005 Nebraska Land Use Patterns Center for Advanced Land Management Information Technologies (CALMIT) July 28, 2007

<b>Legend</b> + Railroad — Corporate Limits — Township/Range — County Line		<b>Adjacent Land Use/Land Cover</b> Agriculture - crop, grassland, pasture, range Riparian Forest and Woodlands Urban Land/Roads		Wetlands and Open Water Project Boundary Area						<b>Land Use</b> Loup River Hydroelectric Project FERC Project No. 1256 Draft License Application		DATE November 2011	
										FIGURE E-6			
										© 2011 Loup River Public Power District			

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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

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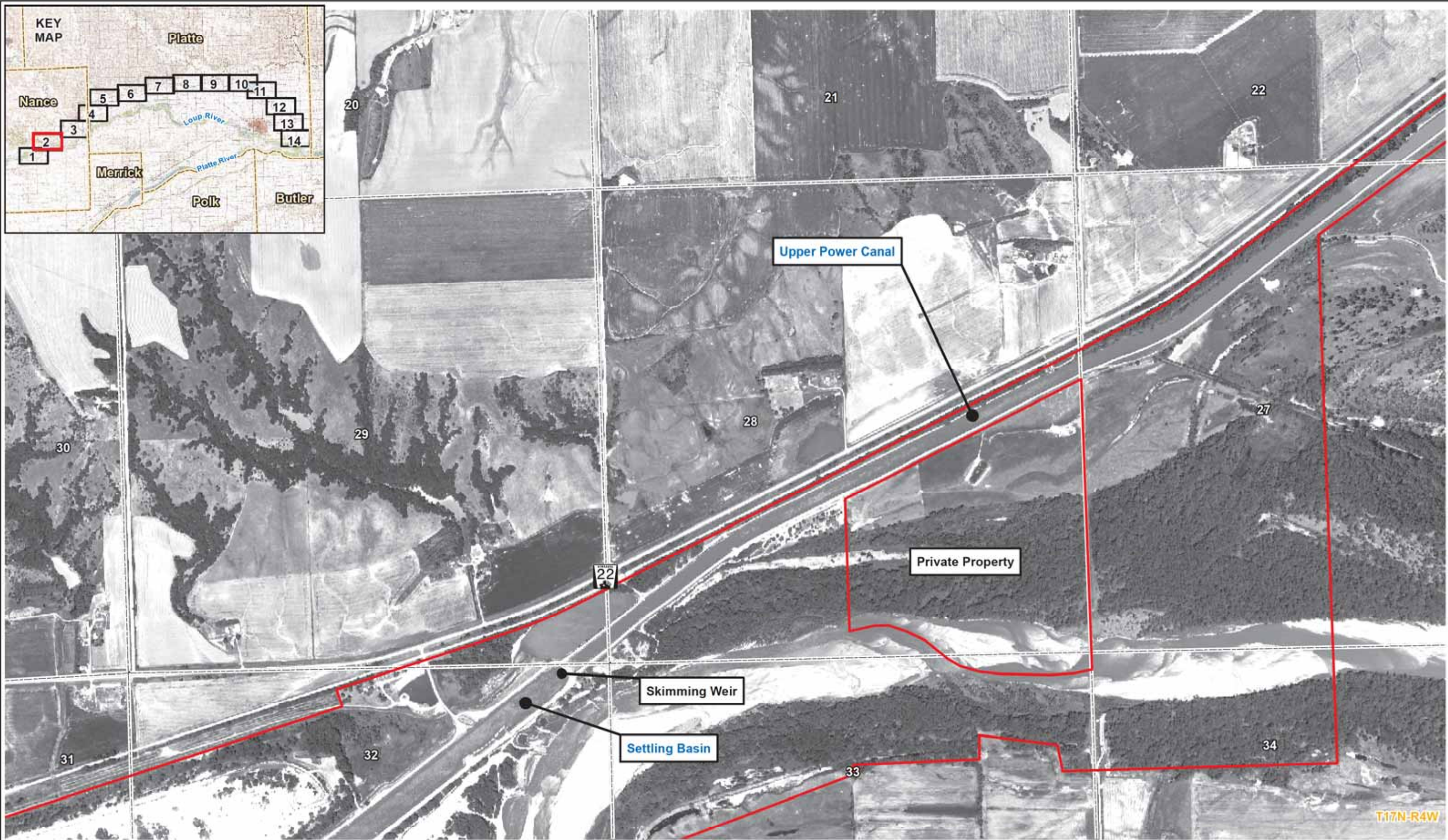
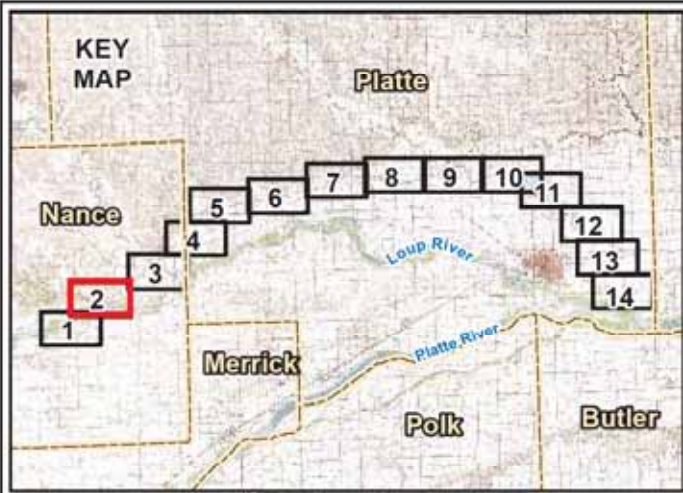
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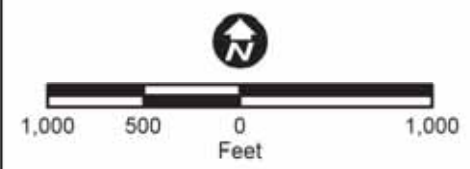
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FIGURE	E-7



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**Legend**

- Project Boundary
- Section Line
- Corporate Limits
- County Line



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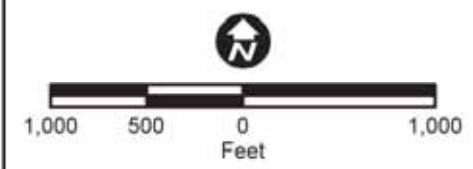
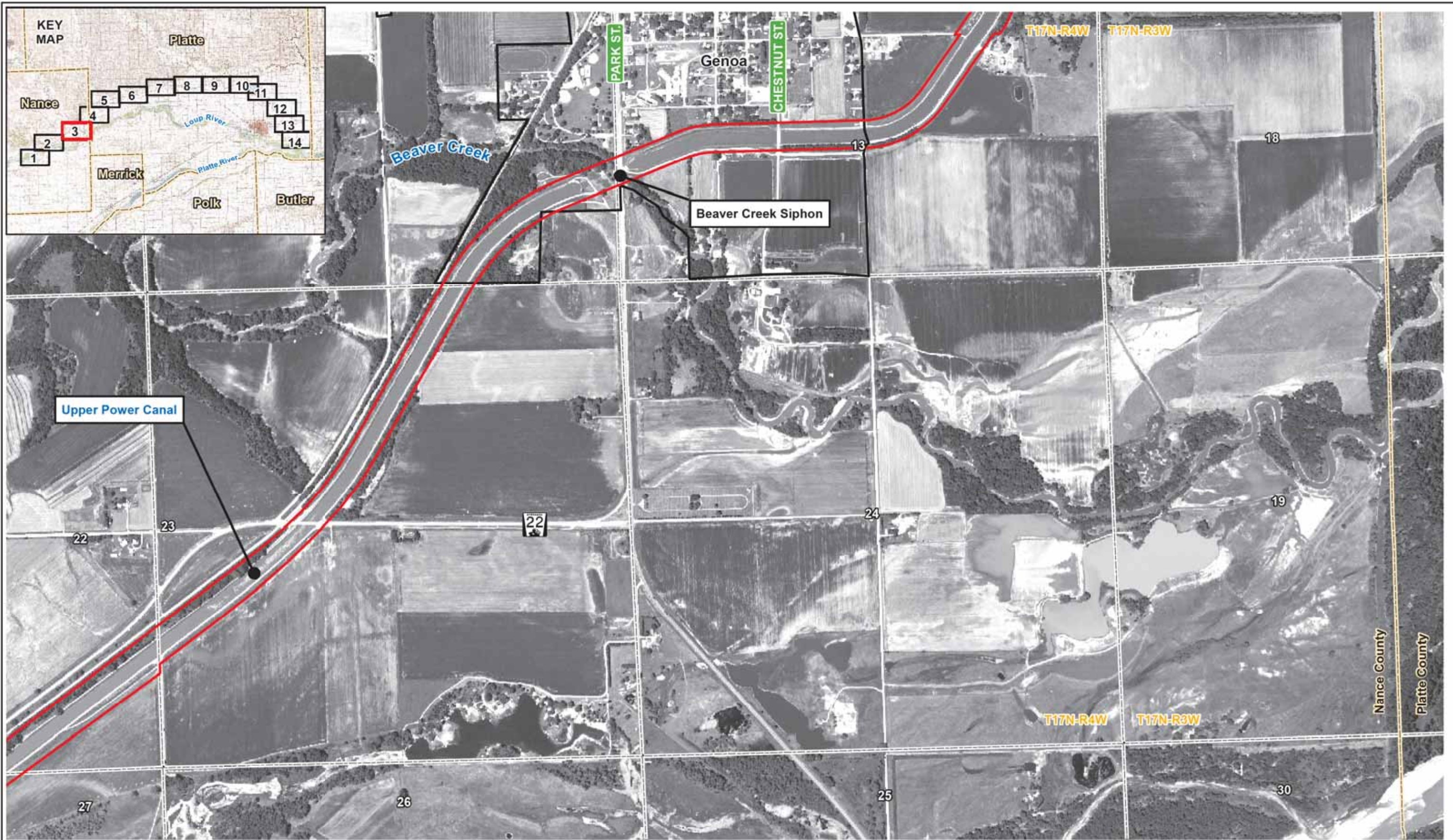
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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

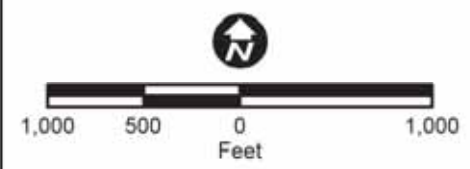
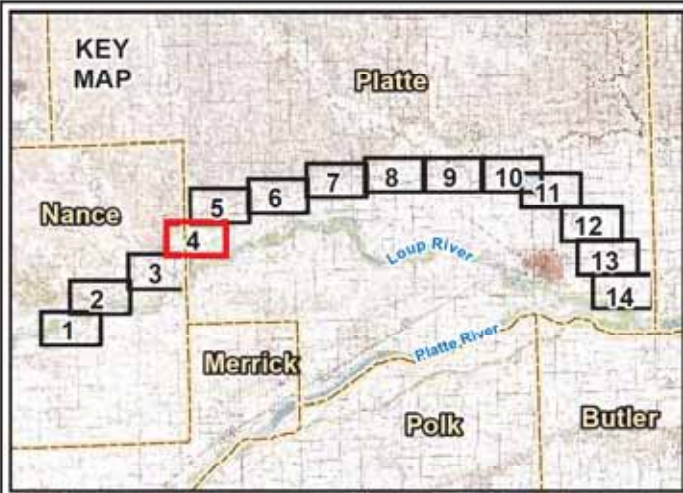
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

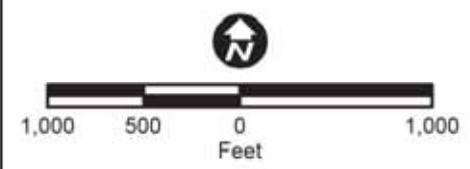
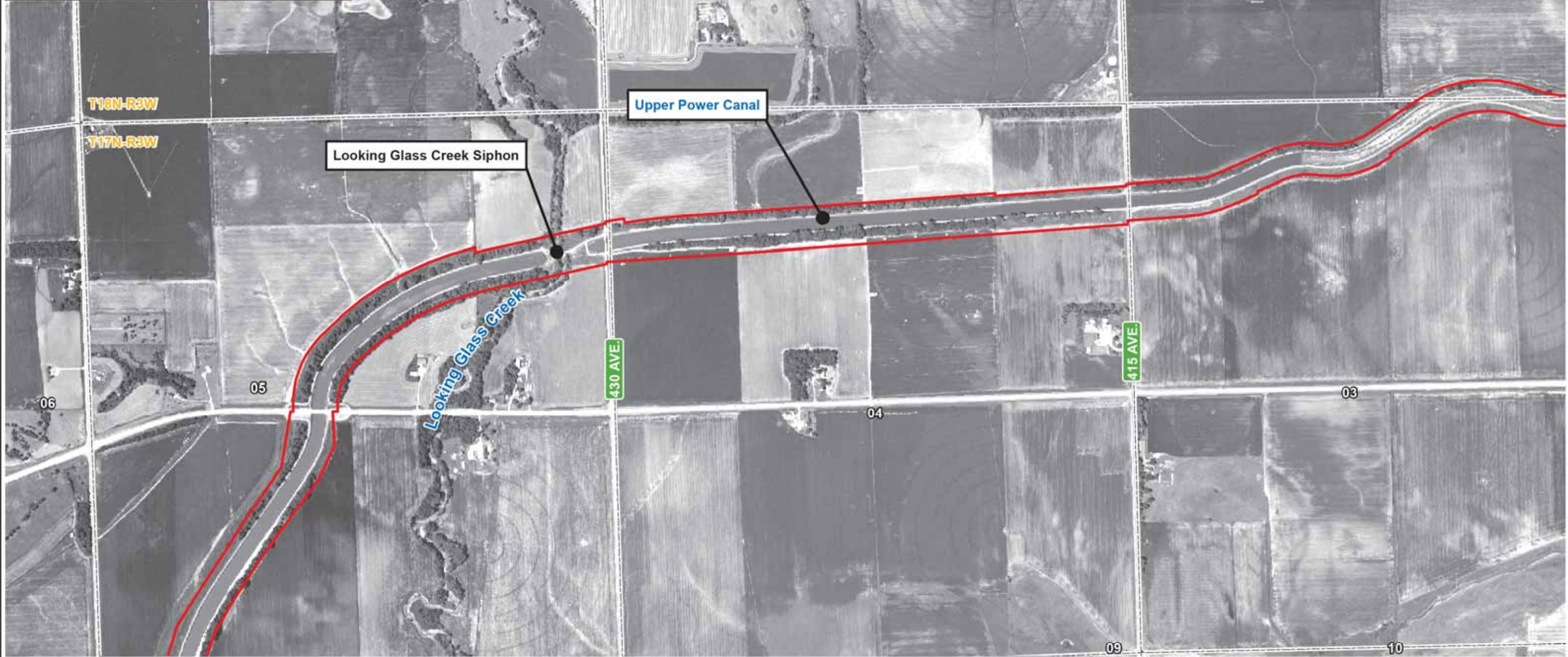
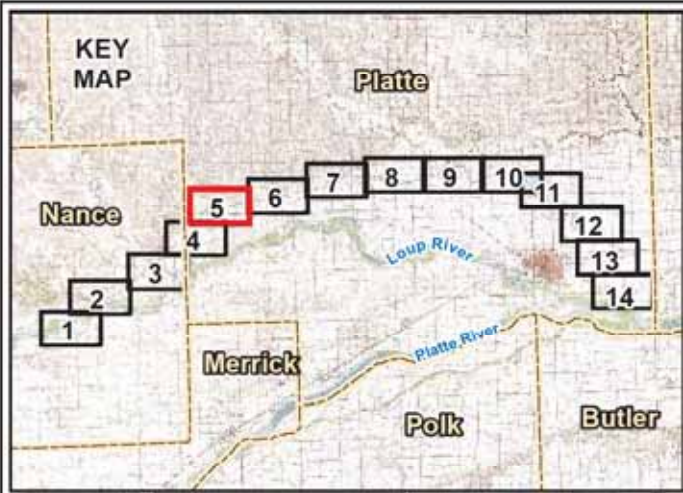
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

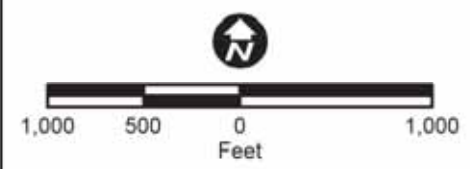
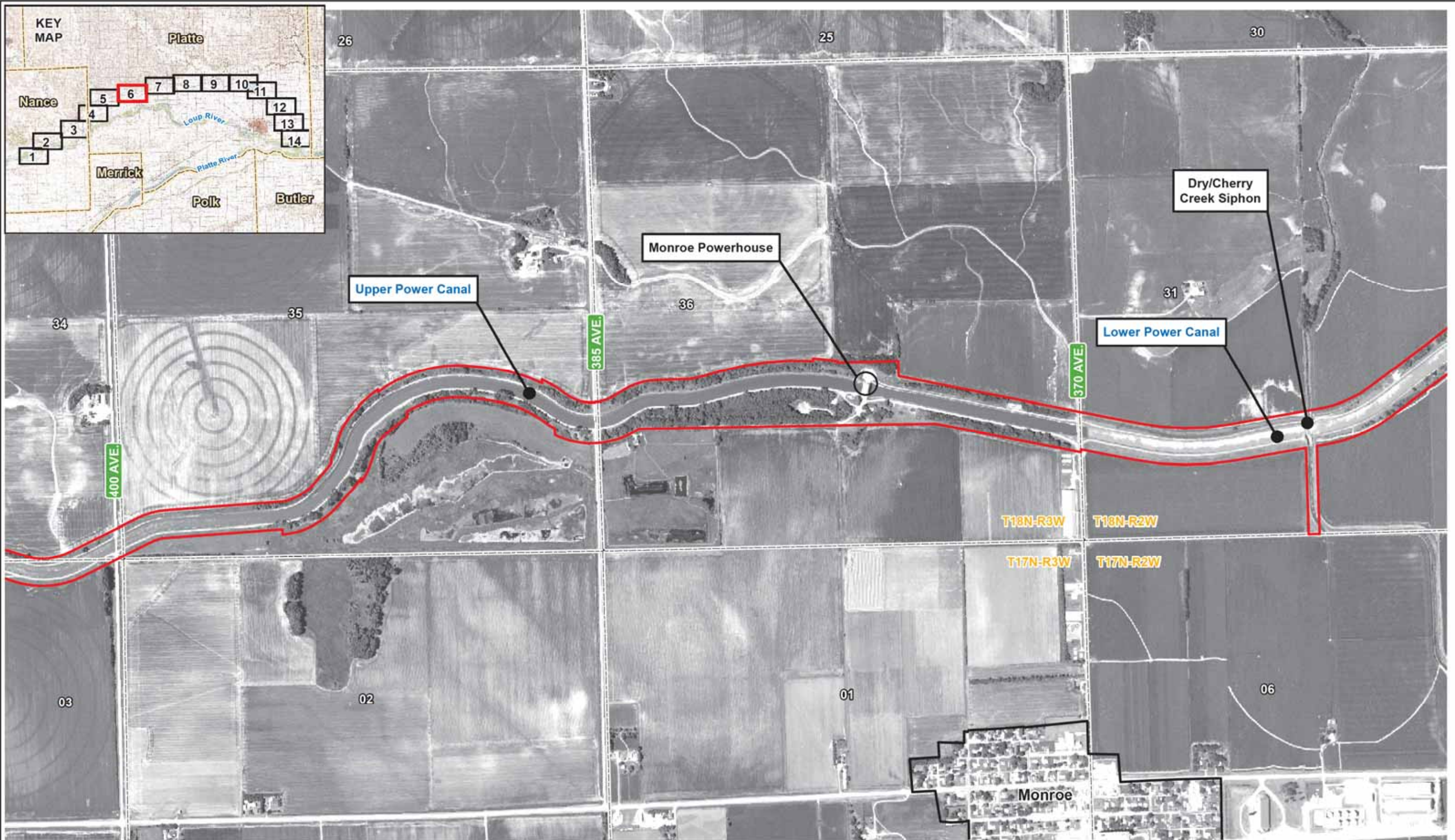
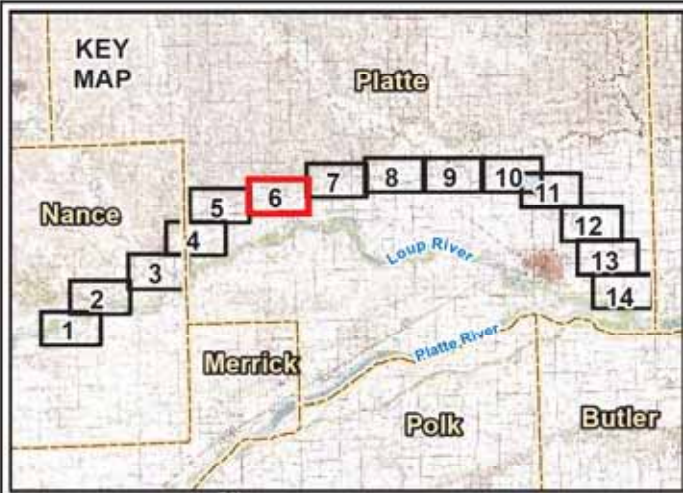
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

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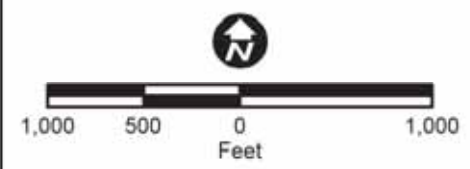
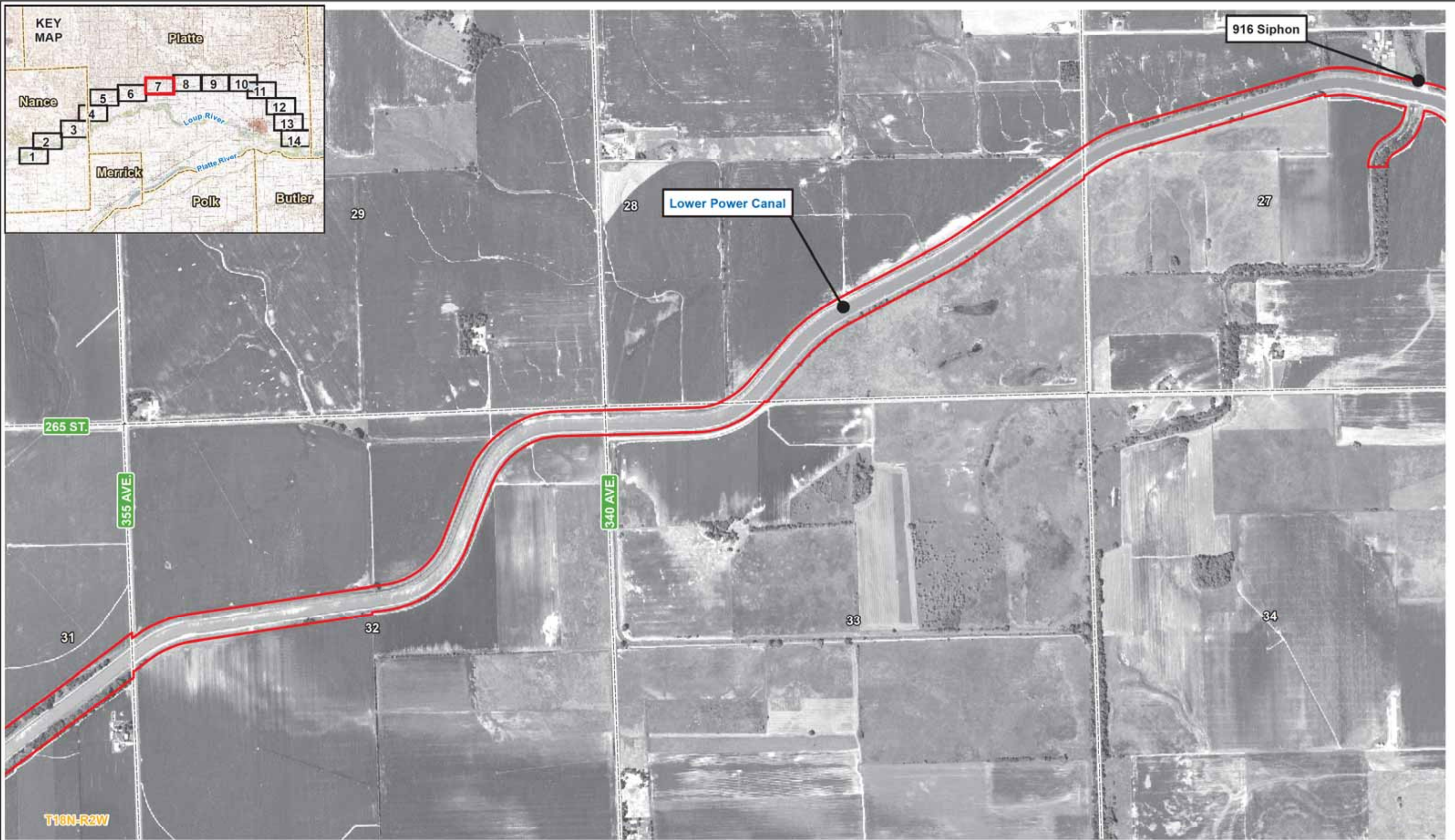
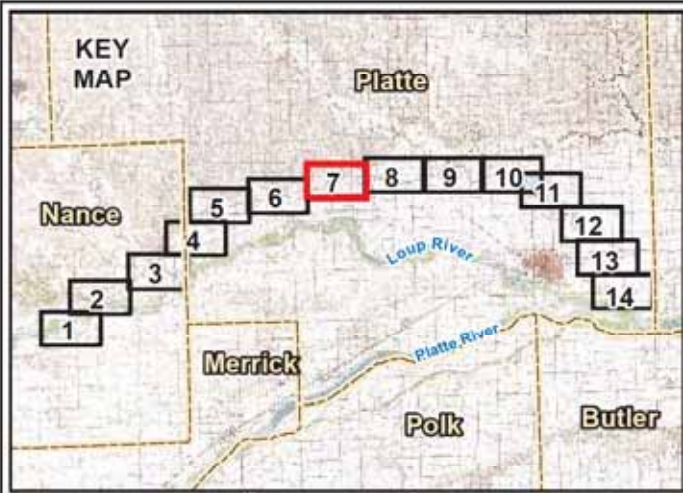
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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

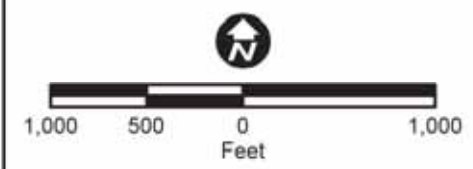
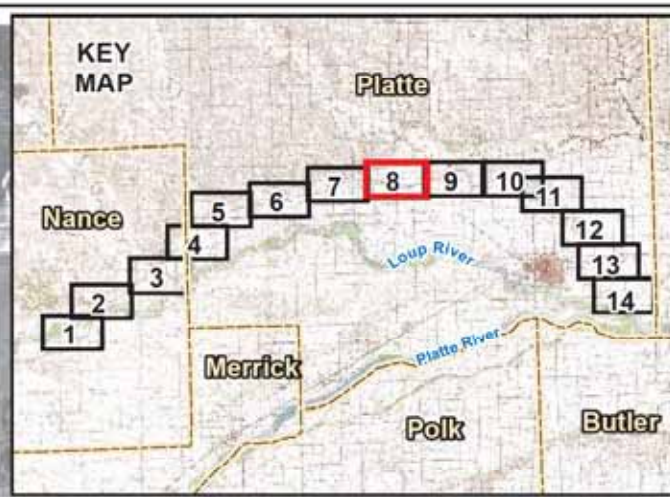
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

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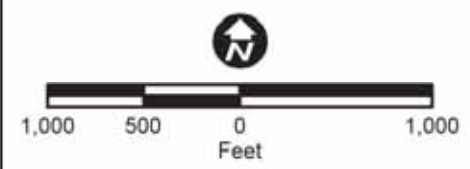
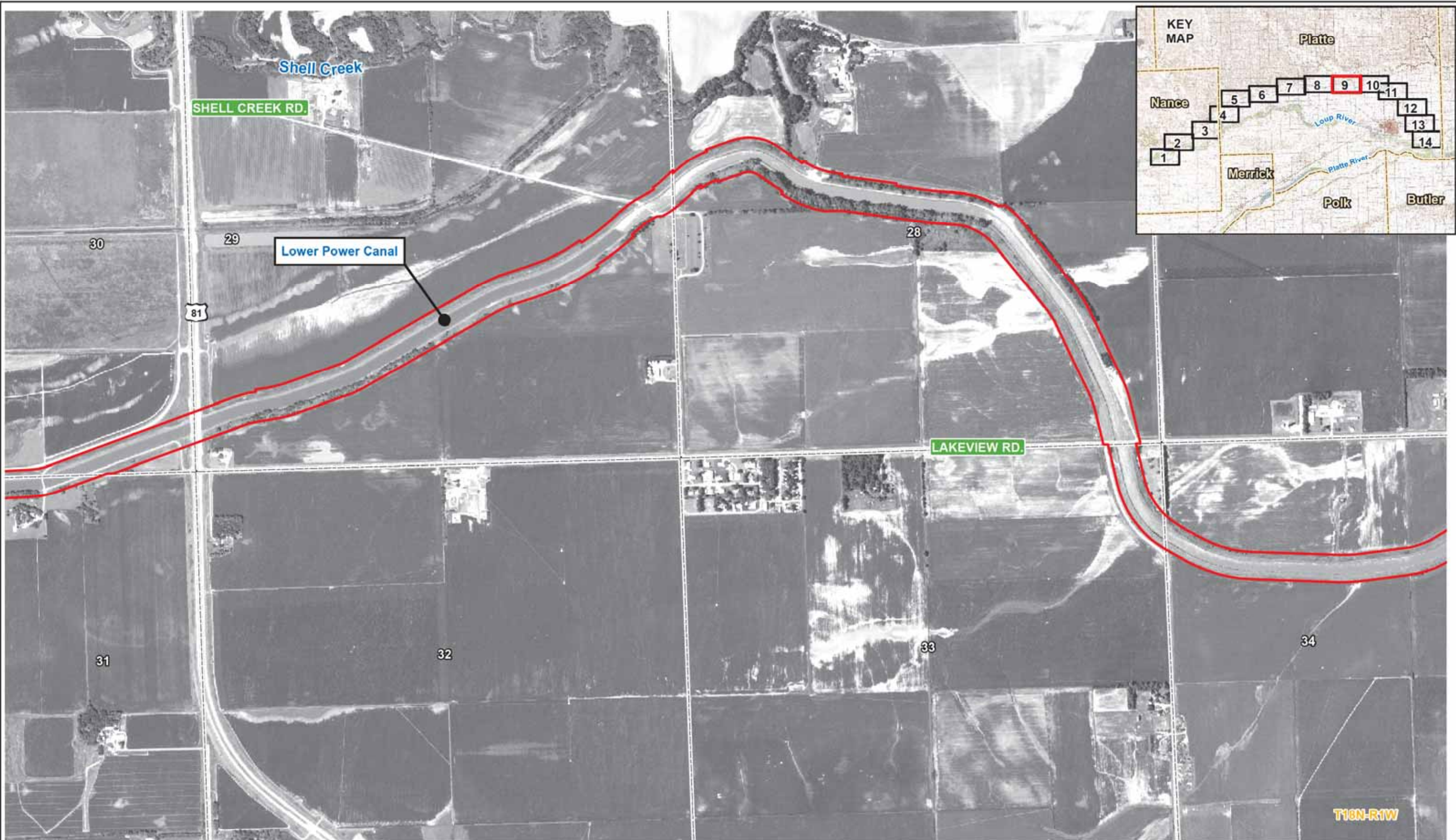
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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



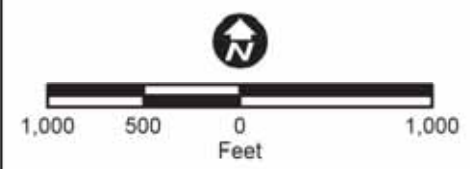
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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

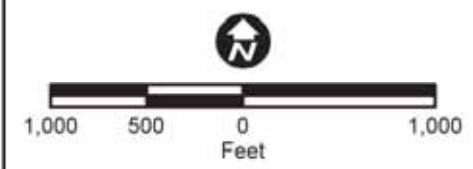
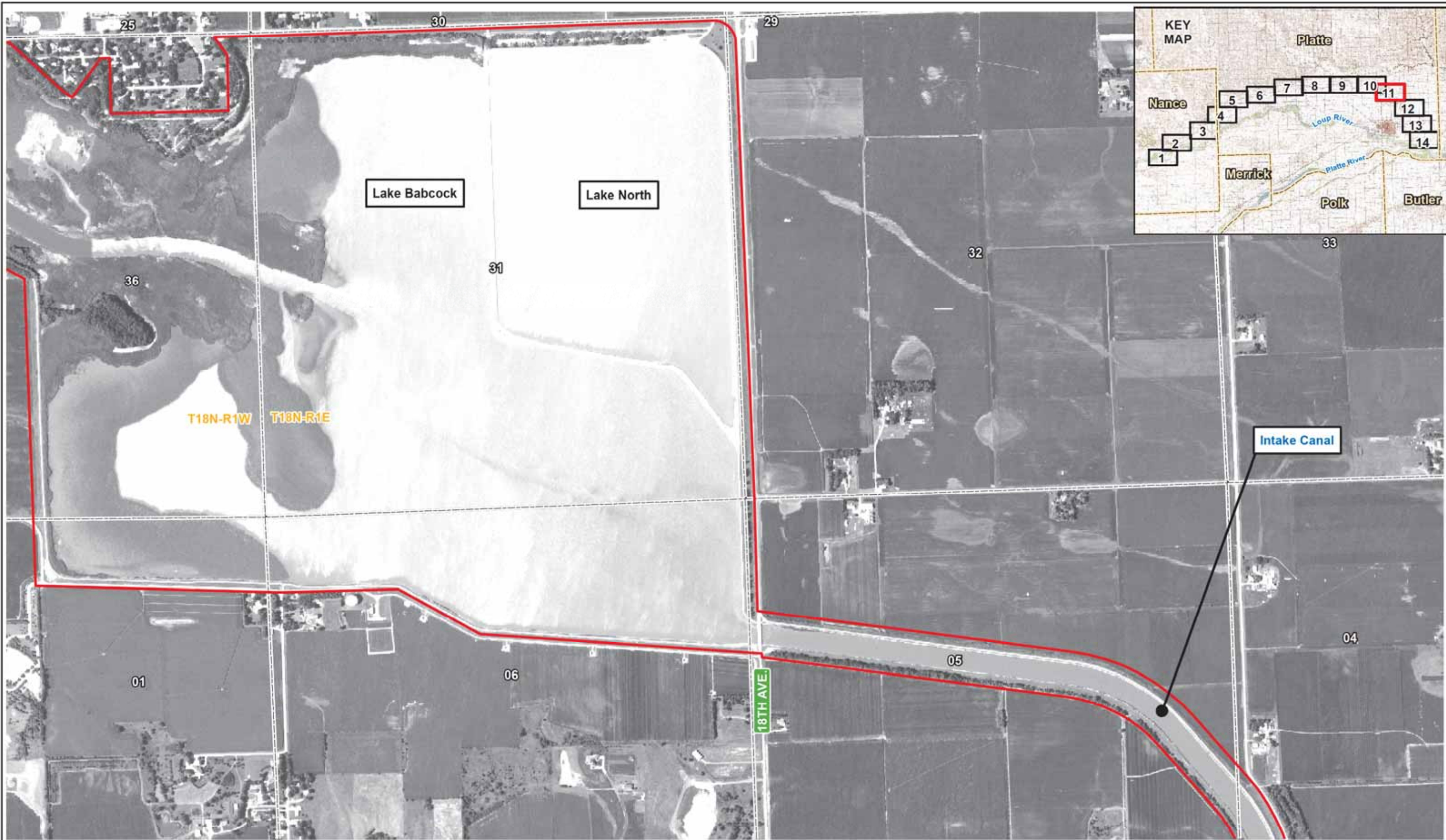
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



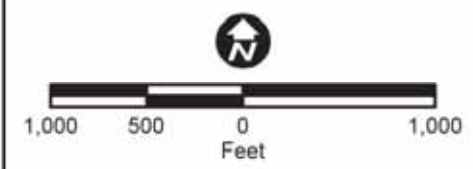
**Project Facilities**

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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

**Legend**

- Project Boundary
- Section Line
- Corporate Limits
- County Line



**Project Facilities**

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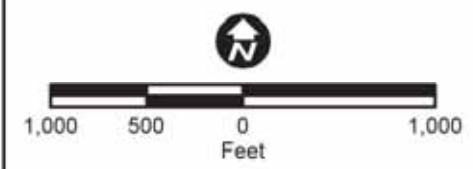
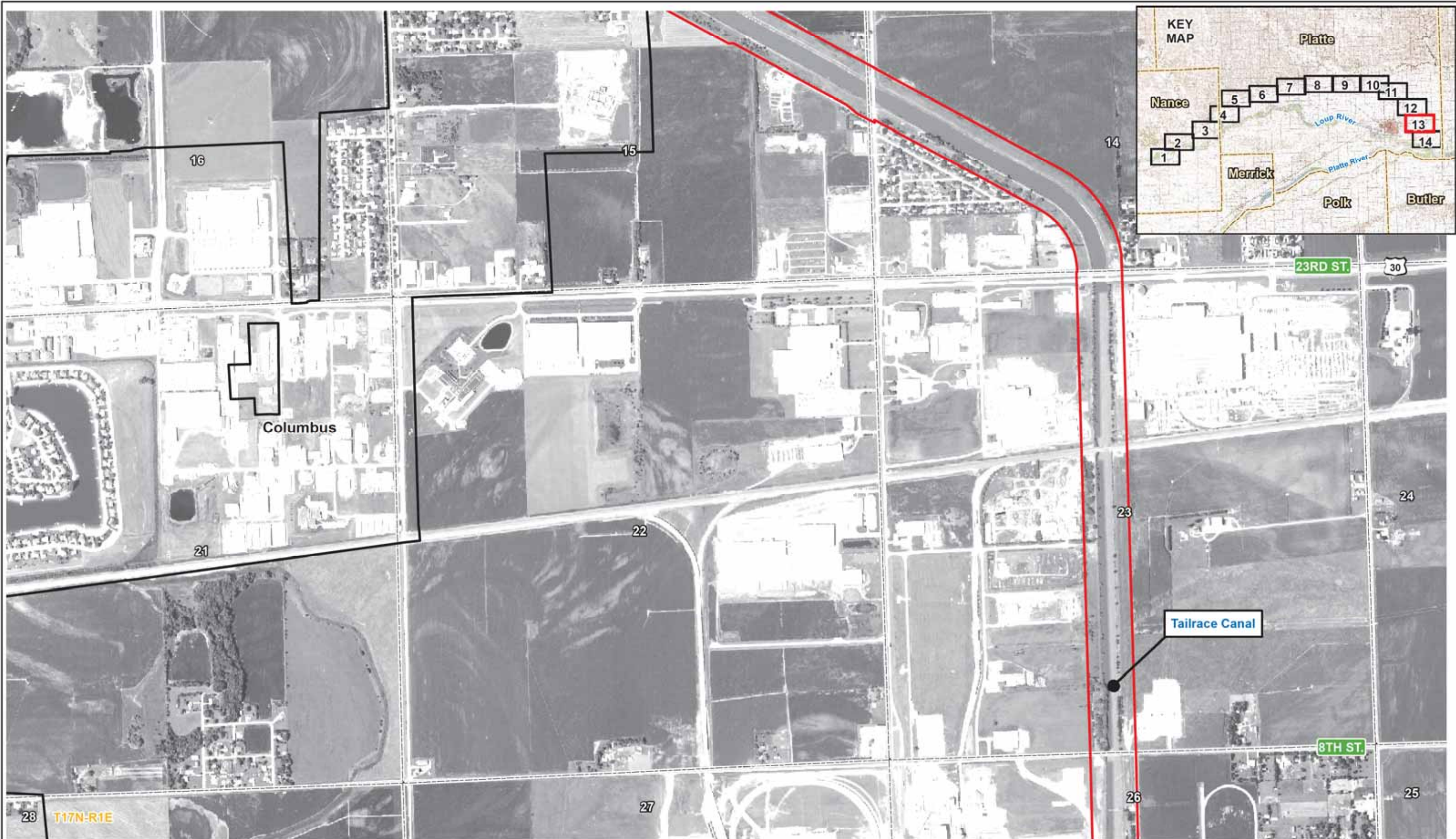
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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



**Project Facilities**

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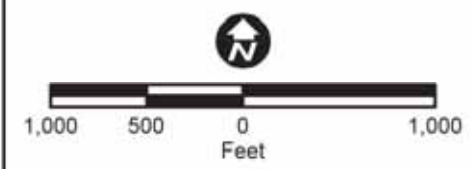
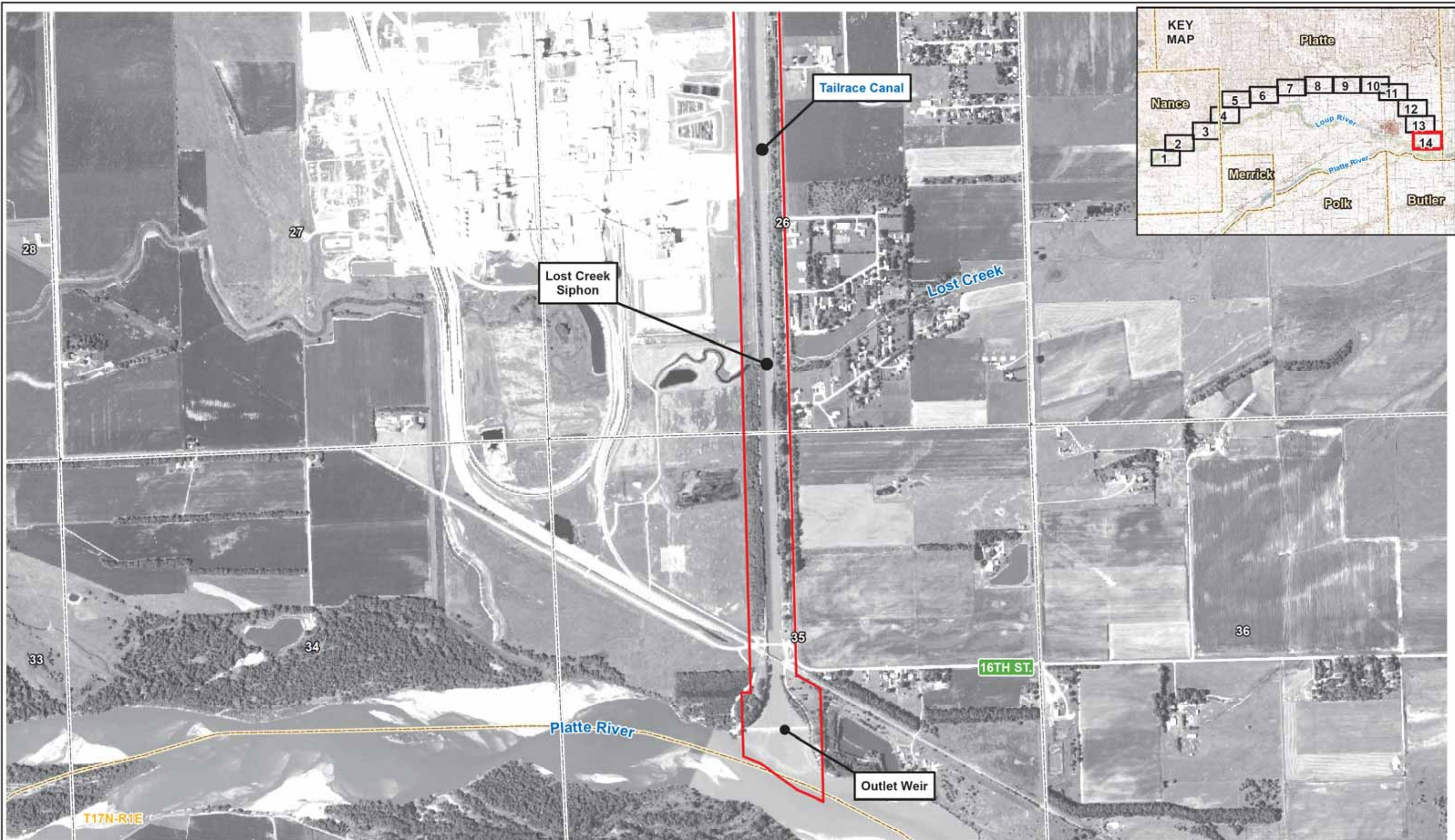
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - County Line



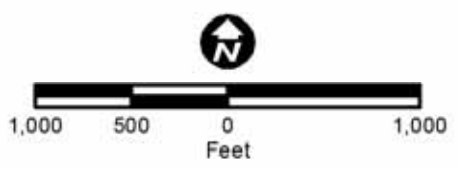
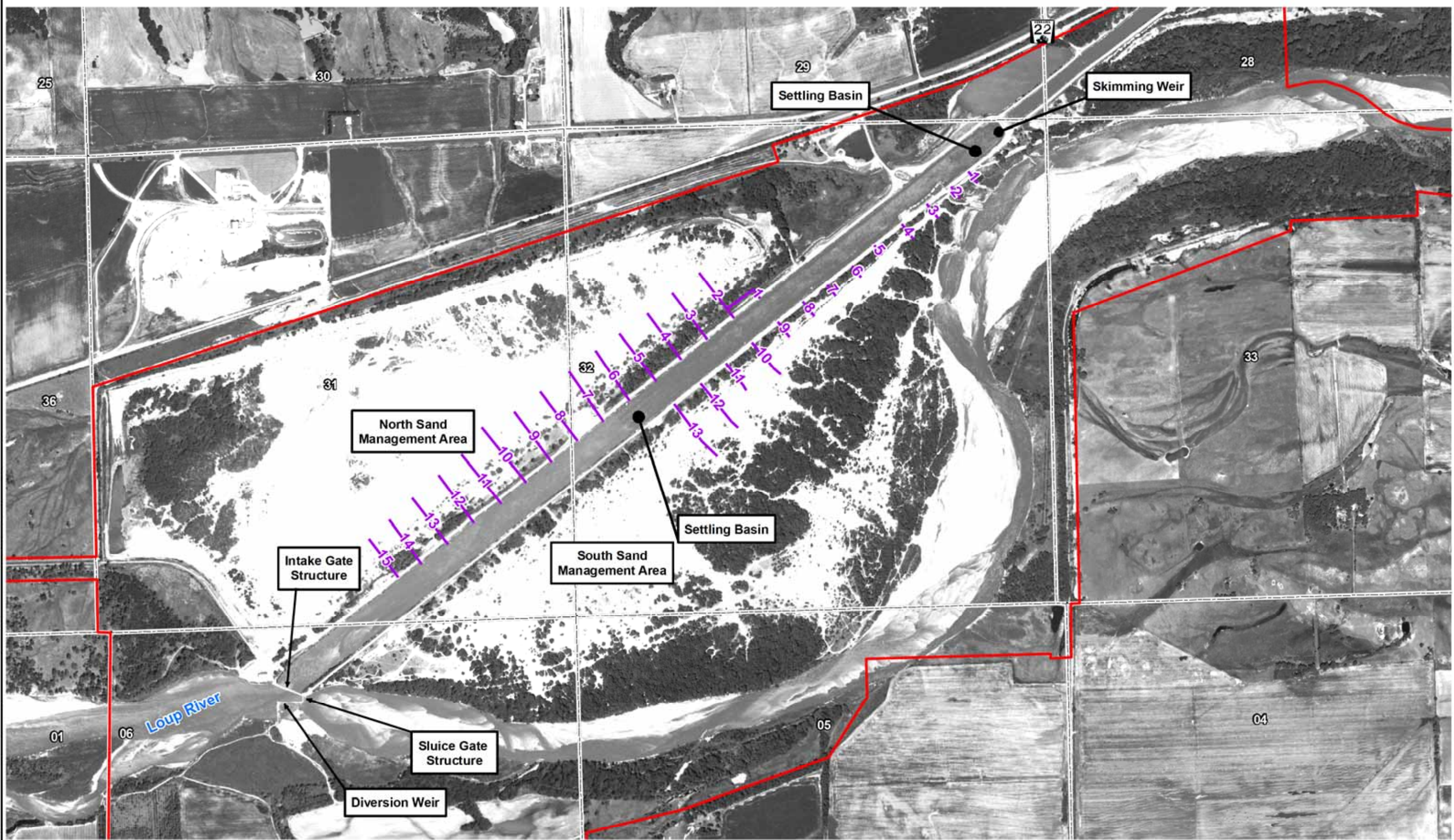
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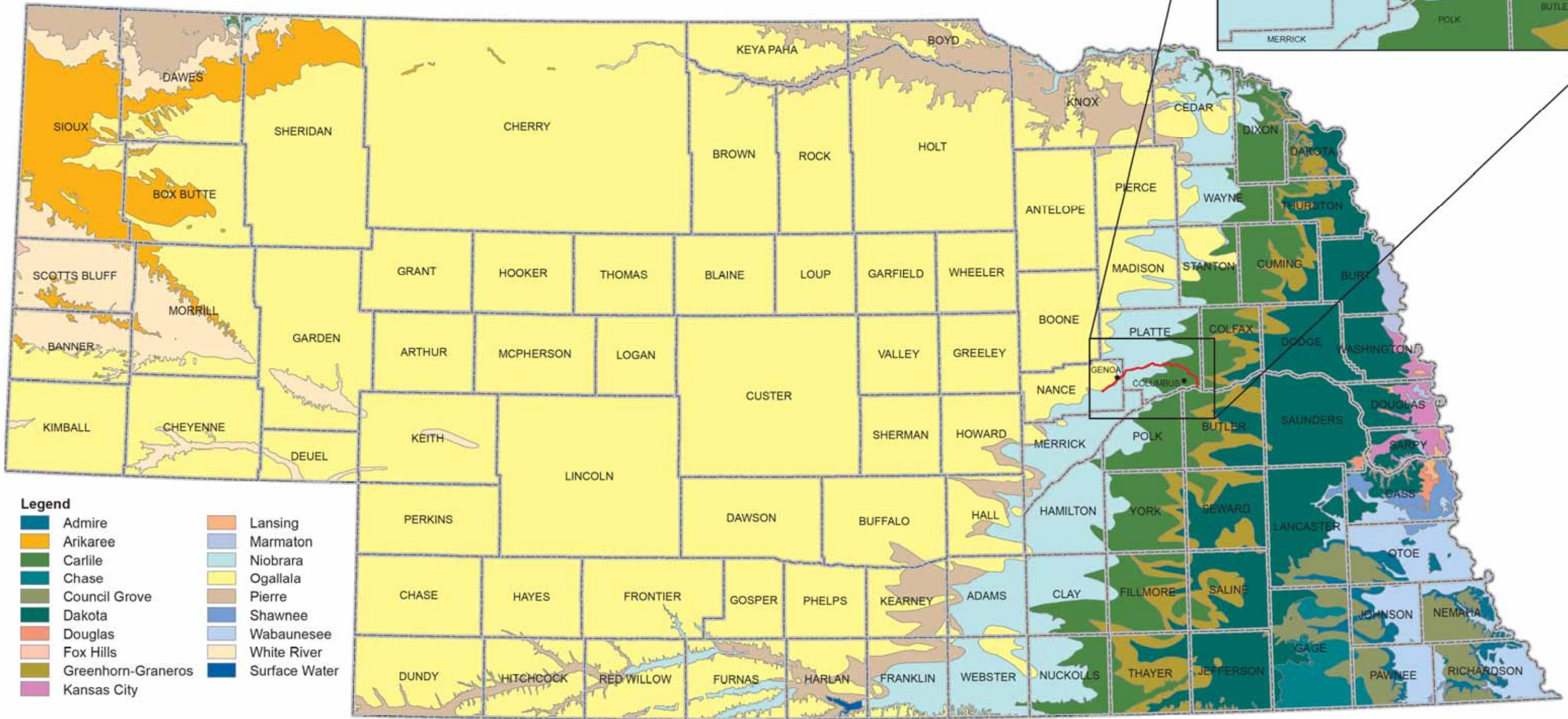
**Legend**  
 — Project Boundary  
 - - - Section Line



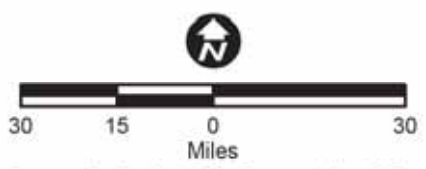
**Settling Basin Dredge Discharge Locations**  
 Loup River Hydroelectric Project  
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 FIGURE  
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- Legend**
- |                    |               |
|--------------------|---------------|
| Admire             | Lansing       |
| Arikaree           | Marmaton      |
| Carlile            | Niobrara      |
| Chase              | Ogallala      |
| Council Grove      | Pierre        |
| Dakota             | Shawnee       |
| Douglas            | Wabaunsee     |
| Fox Hills          | White River   |
| Greenhorn-Graneros | Surface Water |
| Kansas City        |               |



Source: Bedrock, 1996, Conservation & Survey Division, University of Nebraska - Lincoln (CSD)



**Geologic Bedrock Map of Nebraska**

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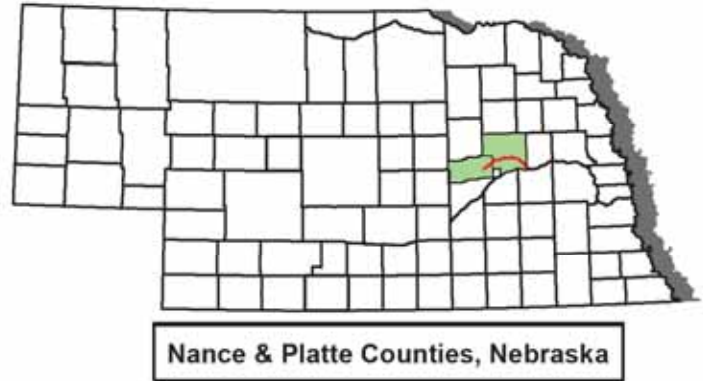
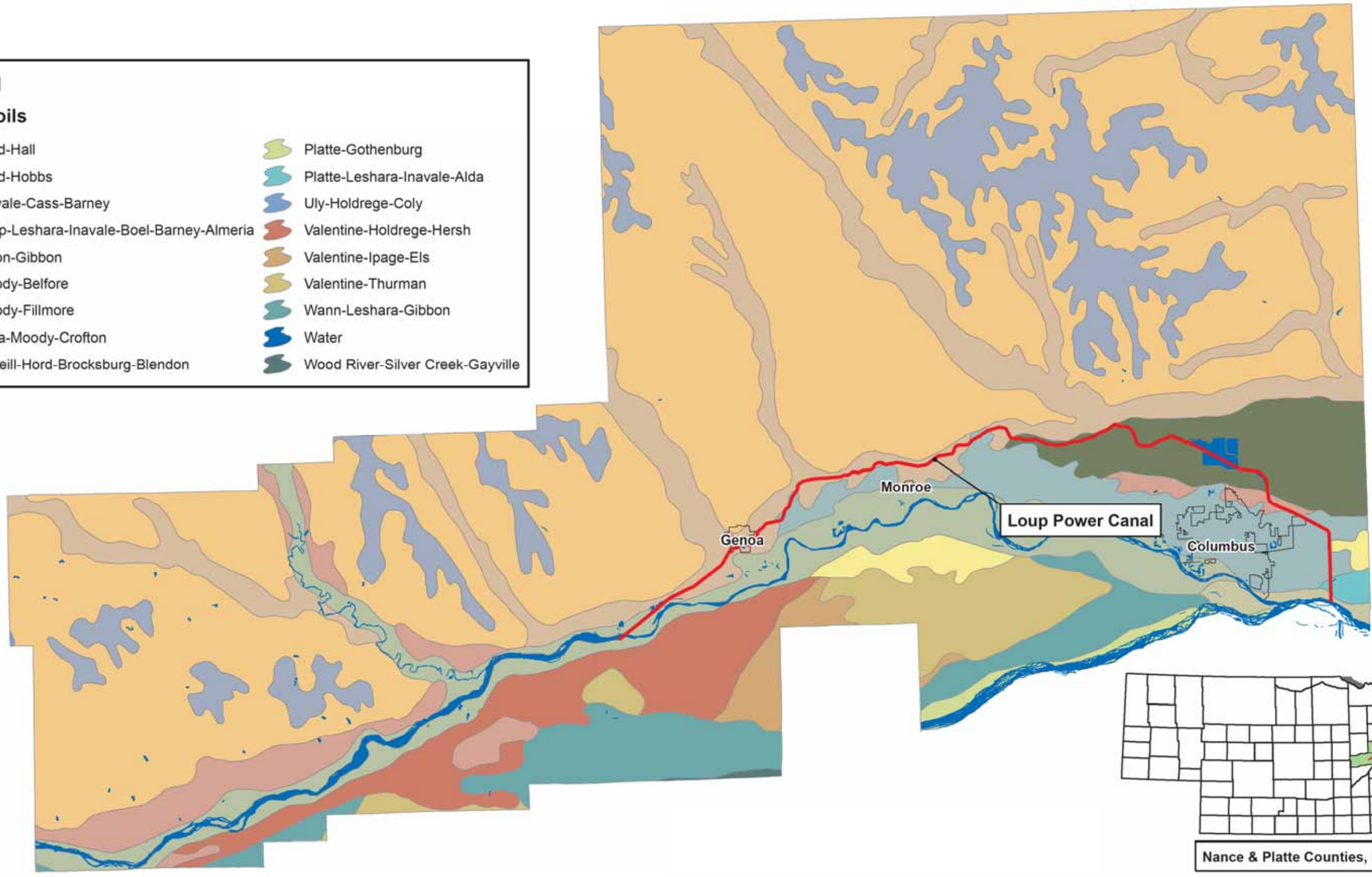
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**Legend**

**State Soils**

 Hord-Hall	 Platte-Gothenburg
 Hord-Hobbs	 Platte-Leshara-Inavale-Alda
 Inavale-Cass-Barney	 Uly-Holdrege-Coly
 Loup-Leshara-Inavale-Boel-Barney-Almeria	 Valentine-Holdrege-Hersh
 Luton-Gibbon	 Valentine-Ipage-Els
 Moody-Belfore	 Valentine-Thurman
 Moody-Fillmore	 Wann-Leshara-Gibbon
 Nora-Moody-Crofton	 Water
 O'Neill-Hord-Brocksburg-Blendon	 Wood River-Silver Creek-Gayville



Source: Soils, 2006 U.S. Department of Agriculture, Natural Resources Conservation Service; Water, 2000 Tiger Files



**Soils**

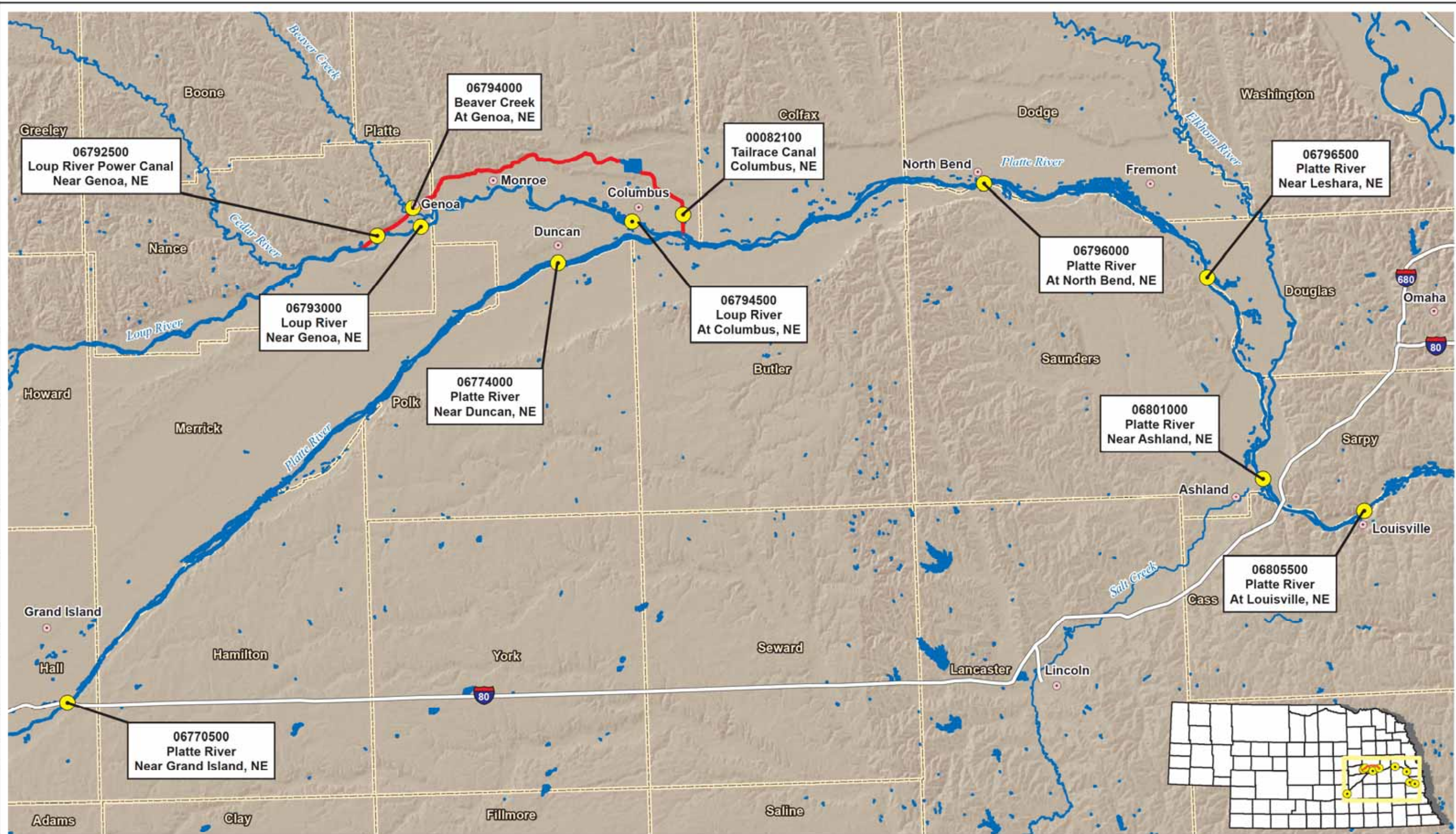
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**Legend**

- City
- Stream Gage Locations
- Interstate
- Stream/River
- Loup Power Canal
- Waterbody
- County



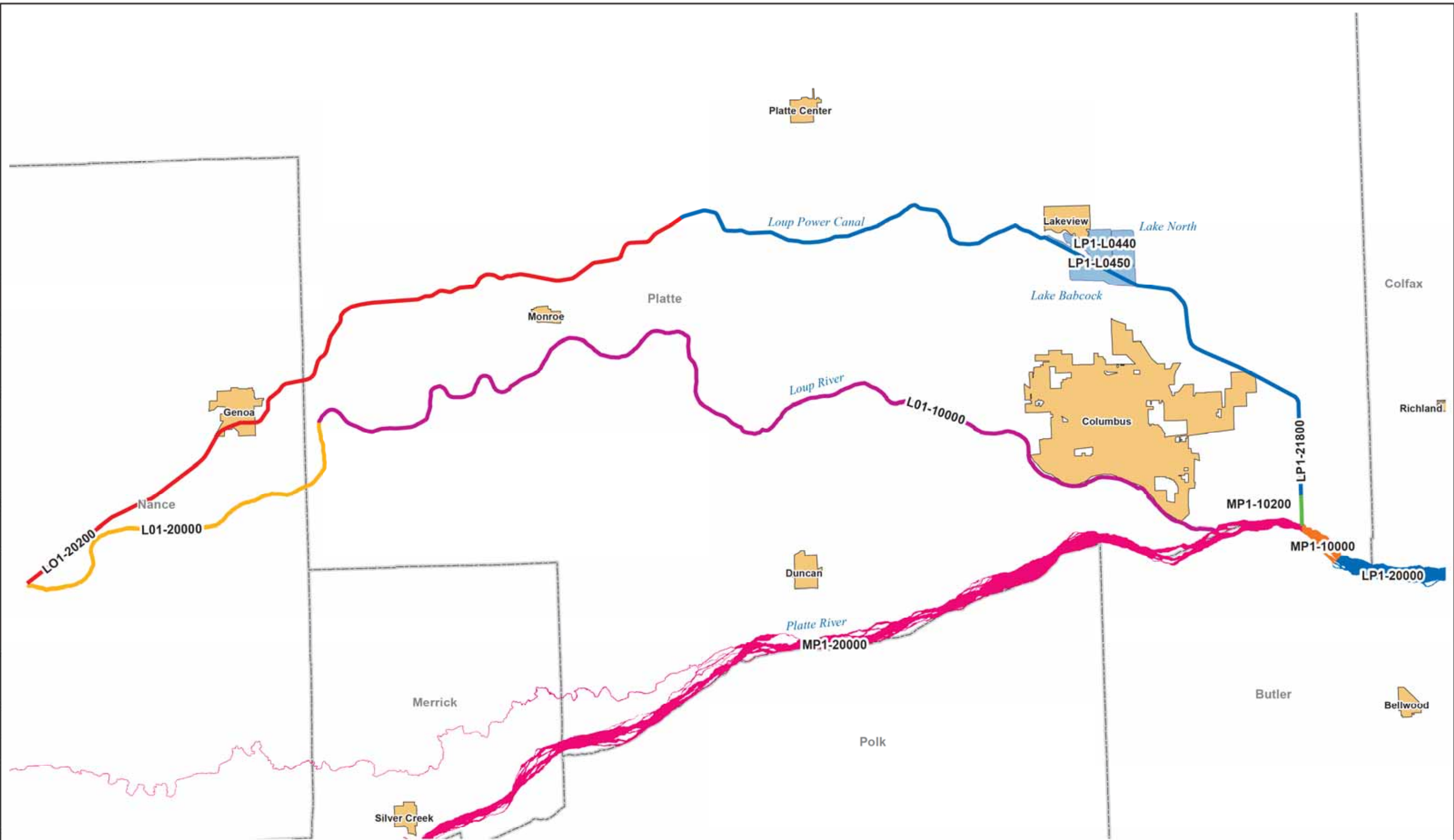
**Stream Gage Locations**

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DATE	November, 2011
FIGURE	E-11

Source: Stream Gage, Nebraska Department of Natural Resources; Streams/Waterbodies, 2000 Tiger Files



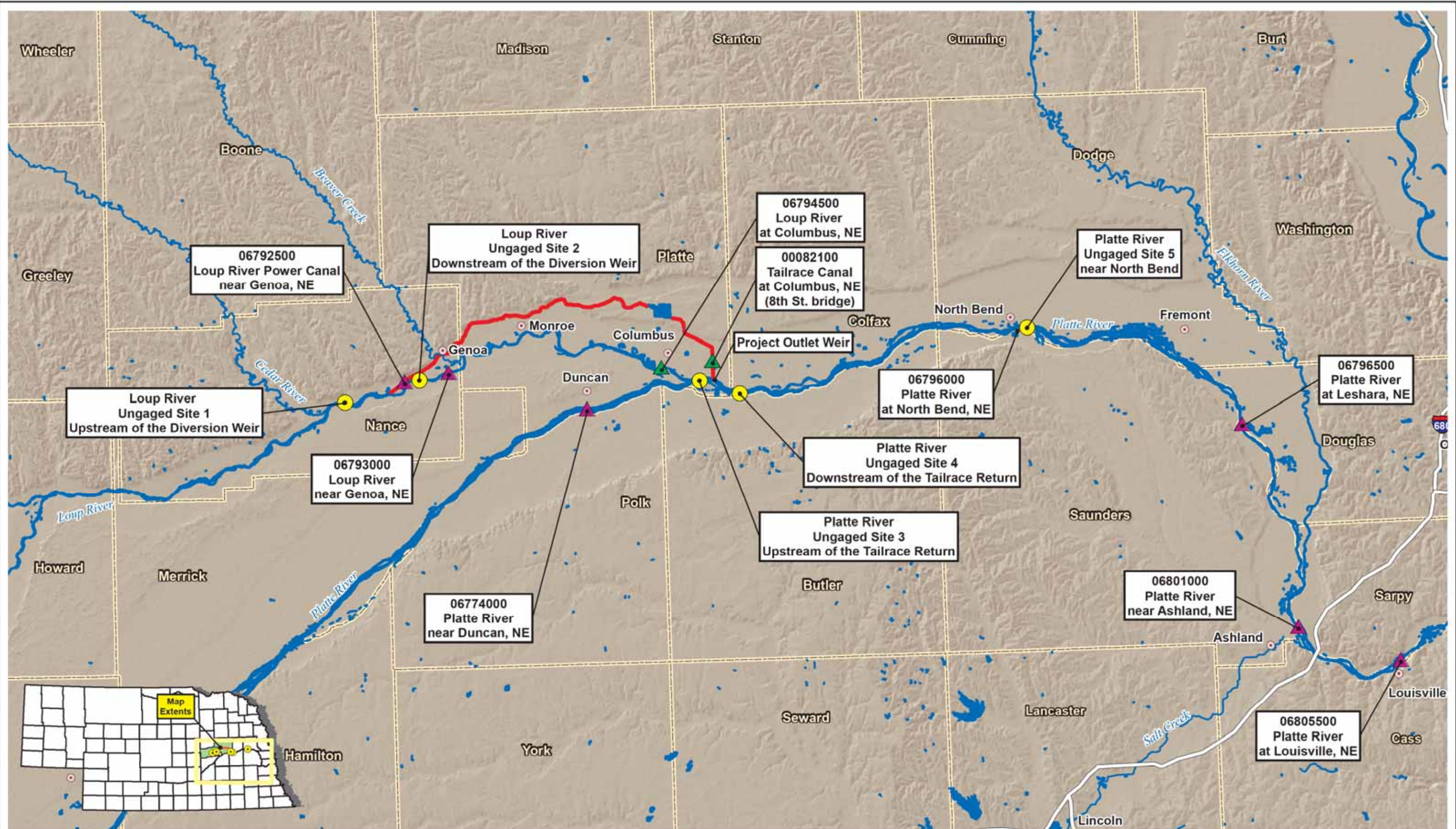
**NDEQ Water Body Segment IDs**

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- Legend**
- City
  - NDNR Gaging Station
  - USGS Gaging Station
  - Ungaged Study Sites
  - Interstate
  - Stream/River
  - Loup Power Canal
  - Waterbody
  - County



**Ungaged Study Sites**

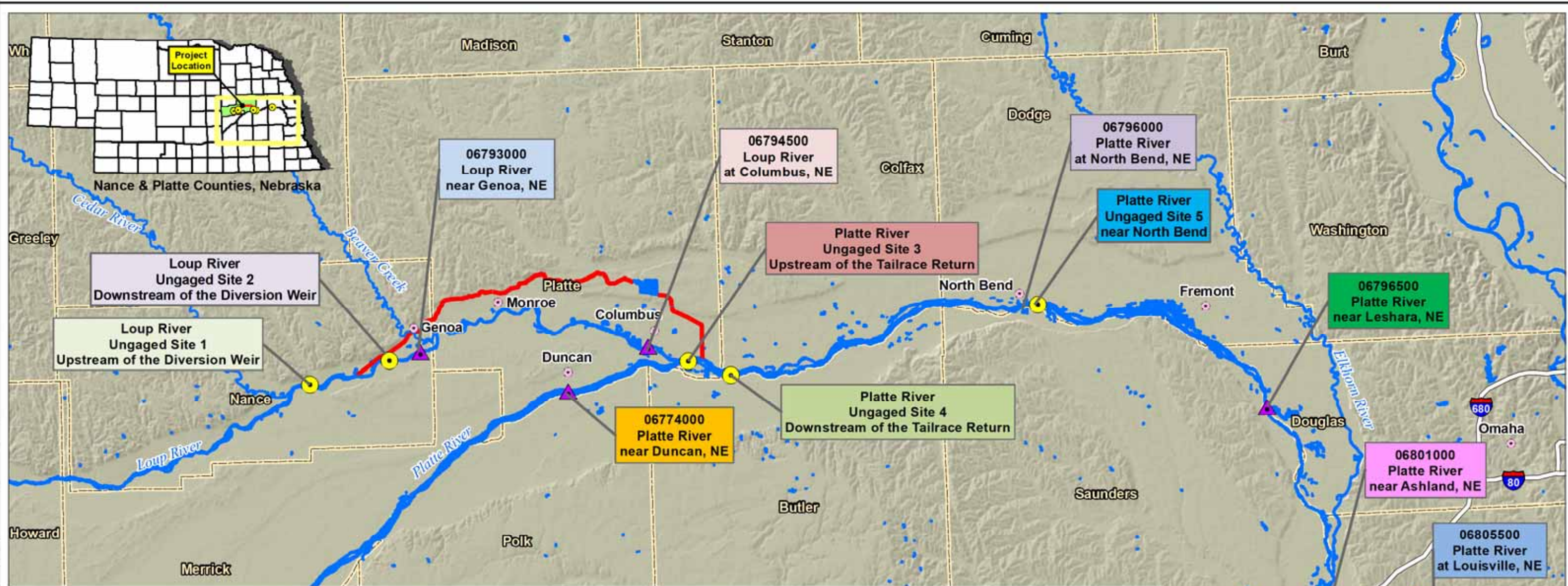
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DATE	November, 2011
FIGURE	E-13

Source: Stream Gage, Nebraska Department of Natural Resources; Streams/Waterbodies, 2000 Tiger Files

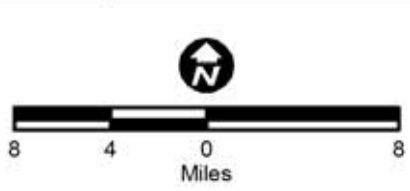
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Supplemental Spatial Analysis

	Loup River								Platte River												Flow (cfs)					
	Ungaged Site 1 U/S of Diversion <sup>3</sup>		Ungaged Site 2 D/S of Diversion <sup>3</sup>		Genoa <sup>1</sup>		Columbus <sup>2</sup>		Duncan <sup>1</sup>		Ungaged Site 3 D/S of Loup Confluence U/S of Tailrace <sup>3</sup>		Ungaged Site 4 D/S of Tailrace <sup>3</sup>		North Bend <sup>1</sup>		Ungaged Site 5 Near North Bend <sup>1</sup>		Leshara <sup>1</sup>			Ashland <sup>1</sup>		Louisville <sup>1</sup>		Flow (cfs)
	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd	Qe	Qd		Qe	Qd	Qe	Qd	
Flow (cfs)	2,300	2,500	1,700	1,100	1,700	1,200	1,800	1,300	900	1,200	2,100	2,400	3,600	3,900	3,400	4,100	3,500	3,650	4,400	4,400	7,300	6,400	7,000	7,700	Flow (cfs)	
Flow Depth (ft)	1.4	1.5	1.5	1.2	1.6	1.5	1.8	1.6	0.7	0.8	1.3	1.4	1.7	1.7	1.6	1.7	1.5	1.6	1.8	1.8	2.6	2.5	2.8	2.9	Flow Depth (ft)	
Mean Velocity (ft/sec)	2.2	2.3	2.1	1.8	2.8	2.3	2.8	2.5	1.6	1.7	1.9	2.0	2.3	2.3	2.2	2.3	2.4	2.4	2.3	2.3	2.7	2.6	2.5	2.6	Mean Velocity (ft/sec)	
Flow Width (ft)	740	750	540	520	350	340	360	320	930	1,140	860	870	1,020	1,060	1,030	1,080	960	990	1,070	1,070	1,020	1,060	1,090	1,020	Flow Width (ft)	
Flow Area (ft <sup>2</sup> )	1,040	1,100	800	600	500	390	460	360	670	950	1,110	1,210	1,720	1,800	1,600	1,810	1,480	1,540	1,880	1,880	2,950	2,620	2,750	2,950	Flow Area (ft <sup>2</sup> )	

NOTES:  
<sup>1</sup>USGS Gage Flows 2003 - 2009  
<sup>2</sup>Synthetic Flows 2003 - 2009  
<sup>3</sup>Synthetic Flows 2003 - 2009 - From cross section measurements taken only in 2010



- Legend**
- City
  - USGS Gaging Station and Study Site
  - Ungaged Study Sites
  - Interstate
  - Stream/River
  - Loup Power Canal
  - Waterbody
  - County

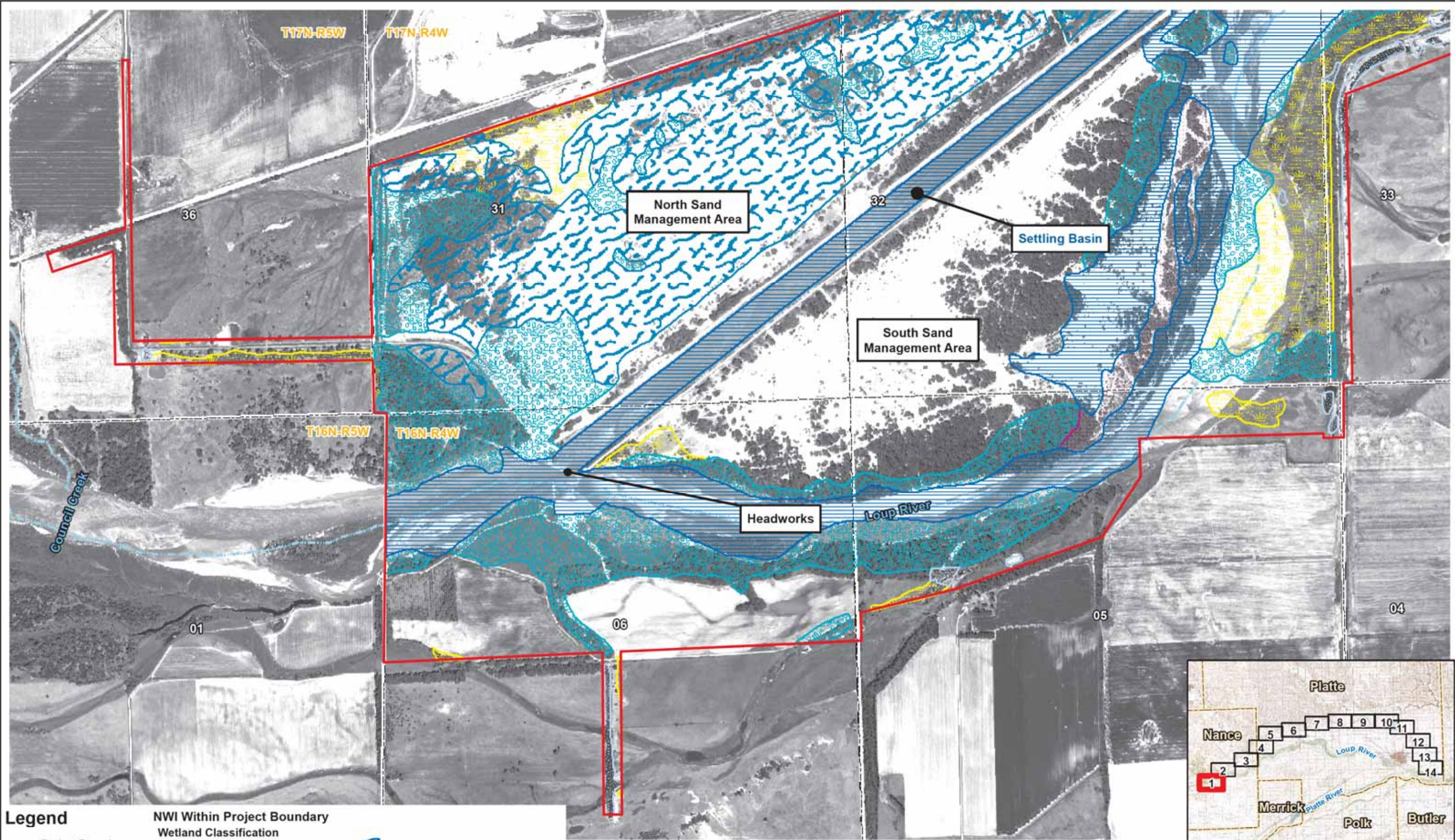


**Spatial Analysis**

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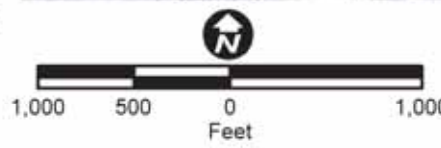
DATE	November 2011
FIGURE	E-14



**Legend**

- |                   |                                   |                                 |
|-------------------|-----------------------------------|---------------------------------|
| Project Boundary  | Palustrine, emergent              | Riverine, unconsolidated bottom |
| Section Line      | Palustrine, forested/scrub shrub  | Other, unclassified             |
| Corporate Limits  | Palustrine, aquatic bed           |                                 |
| County Line       | Lacustrine, unconsolidated bottom |                                 |
| Streams/Waterways |                                   |                                 |

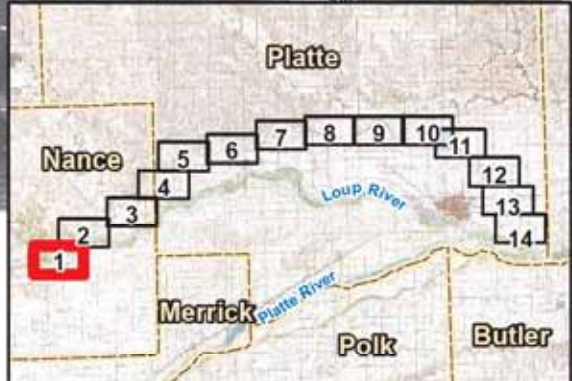
Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

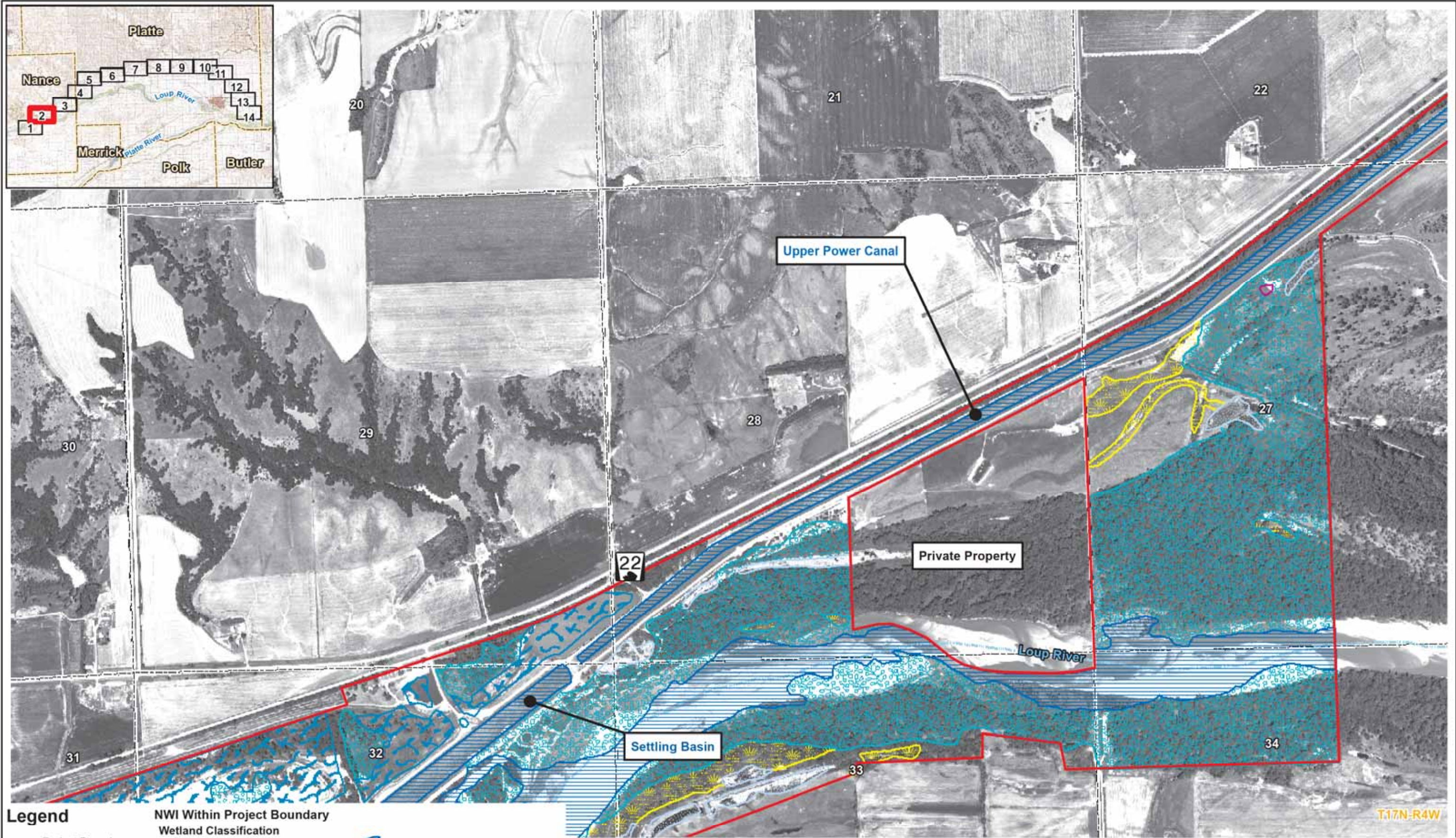


Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National Hydrography Dataset, 1999, U.S. Geological Survey



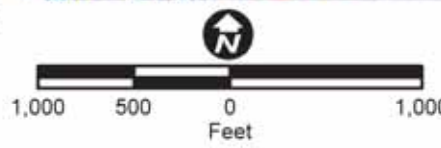
<p><b>Wetlands</b></p> <p>Loup River Hydroelectric Project FERC Project No. 1256 Draft License Application</p>	<p>Sheet 1 of 14</p>	<p>DATE November 2011</p>
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	Palustrine, emergent	Other, unclassified
Corporate Limits	Palustrine, forested/scrub shrub	
County Line	Palustrine, aquatic bed	
Streams/Waterways	Lacustrine, unconsolidated bottom	



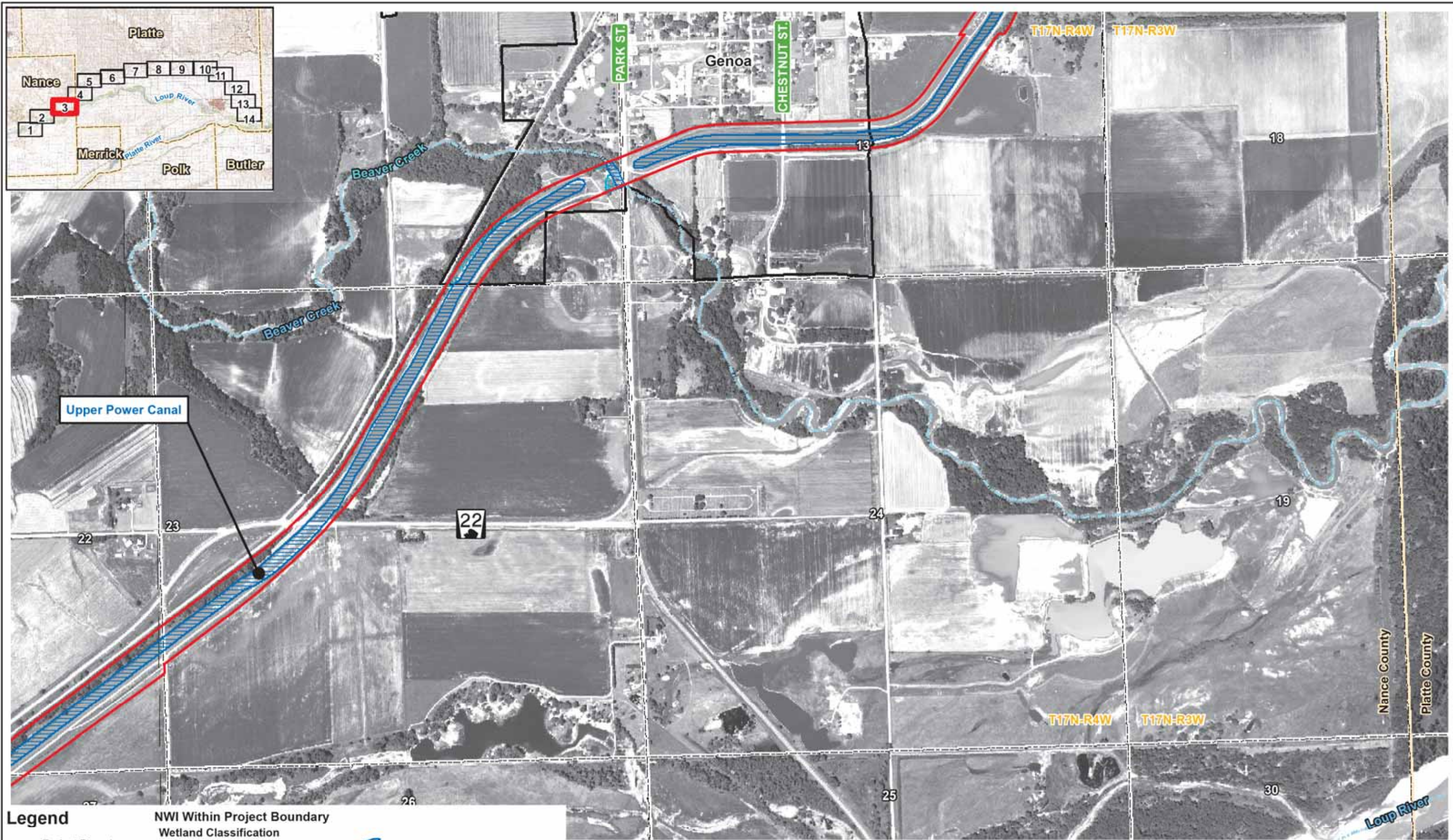
Source: National Wetland Inventory (NWI)  
 U.S. Fish & Wildlife Service; Streams, National  
 Hydrography Dataset, 1999, U.S. Geological Survey



<p><b>Wetlands</b></p> <p>Loup River Hydroelectric Project                  FERC Project No. 1256                  Draft License Application</p>	<p>Sheet 2 of 14</p>	<p>DATE November 2011</p>
	<p>FIGURE E-15</p>	
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**Legend**

Project Boundary	<b>NWI Within Project Boundary Wetland Classification</b>	Riverine, unconsolidated bottom
Section Line	Palustrine, emergent	Other, unclassified
Corporate Limits	Palustrine, forested/scrub shrub	
County Line	Palustrine, aquatic bed	
Streams/Waterways	Lacustrine, unconsolidated bottom	

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

1,000 500 0 1,000  
Feet

Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National  
Hydrography Dataset, 1999, U.S. Geological Survey



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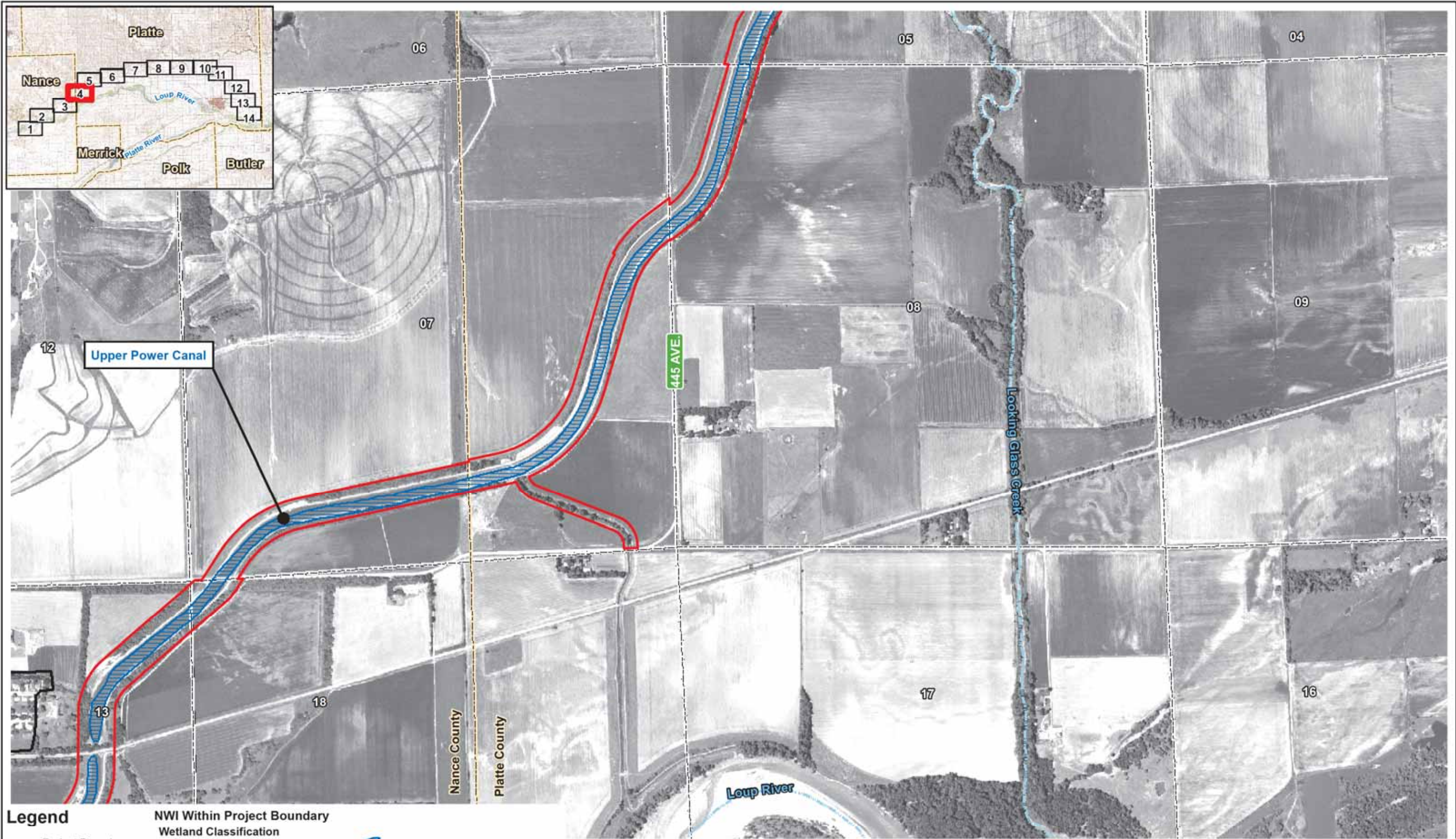
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	Palustrine, emergent	Other, unclassified
Corporate Limits	Palustrine, forested/scrub shrub	
County Line	Palustrine, aquatic bed	
Streams/Waterways	Lacustrine, unconsolidated bottom	

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

1,000 500 0 1,000  
Feet

Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National  
Hydrography Dataset, 1999, U.S. Geological Survey



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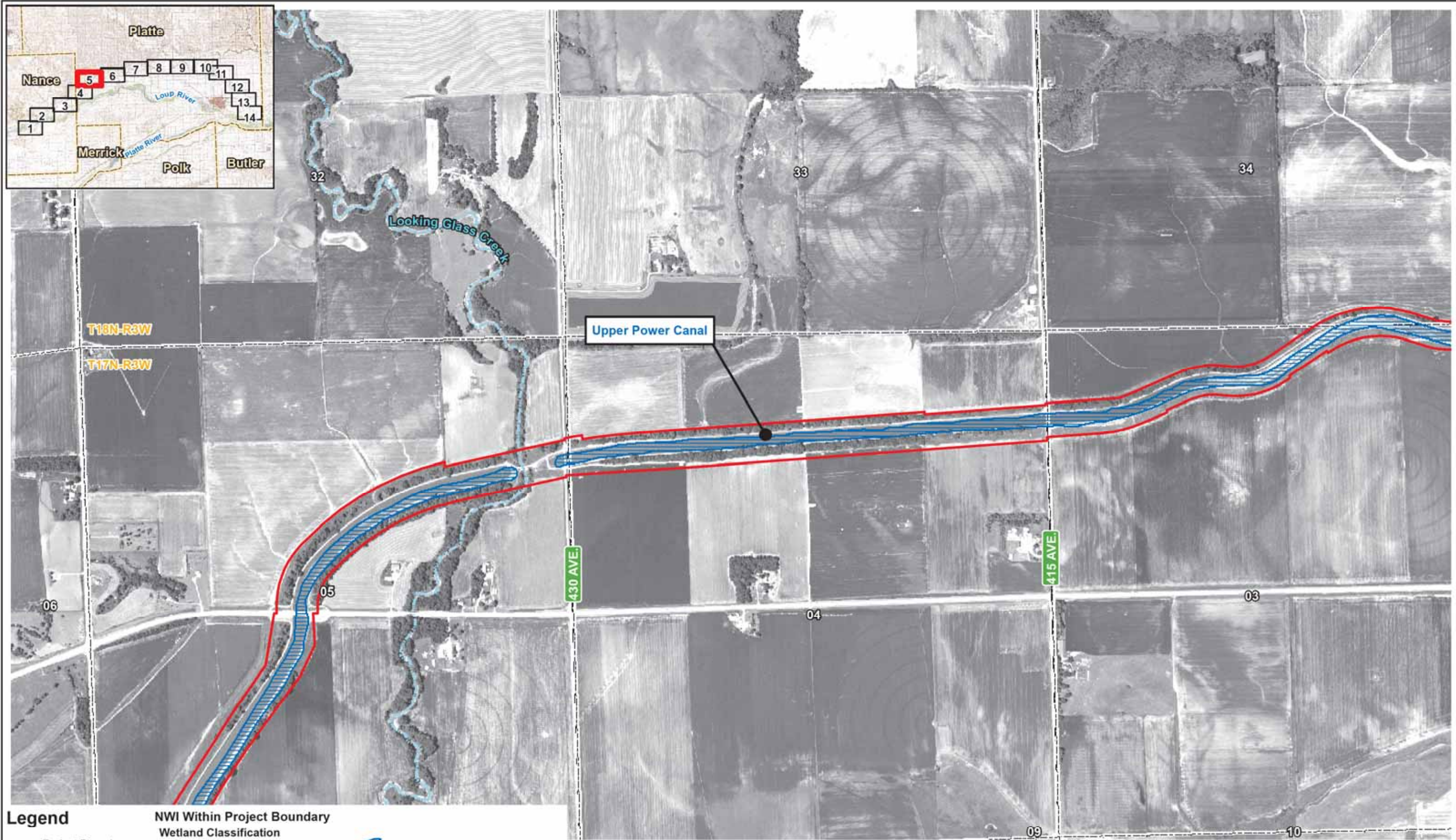
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	<b>Wetland Classification</b>	Other, unclassified
Corporate Limits	Palustrine, emergent	Palustrine, forested/scrub shrub
County Line	Palustrine, aquatic bed	Lacustrine, unconsolidated bottom
Streams/Waterways		

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

1,000 500 0 1,000  
Feet

Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National  
Hydrography Dataset, 1999, U.S. Geological Survey



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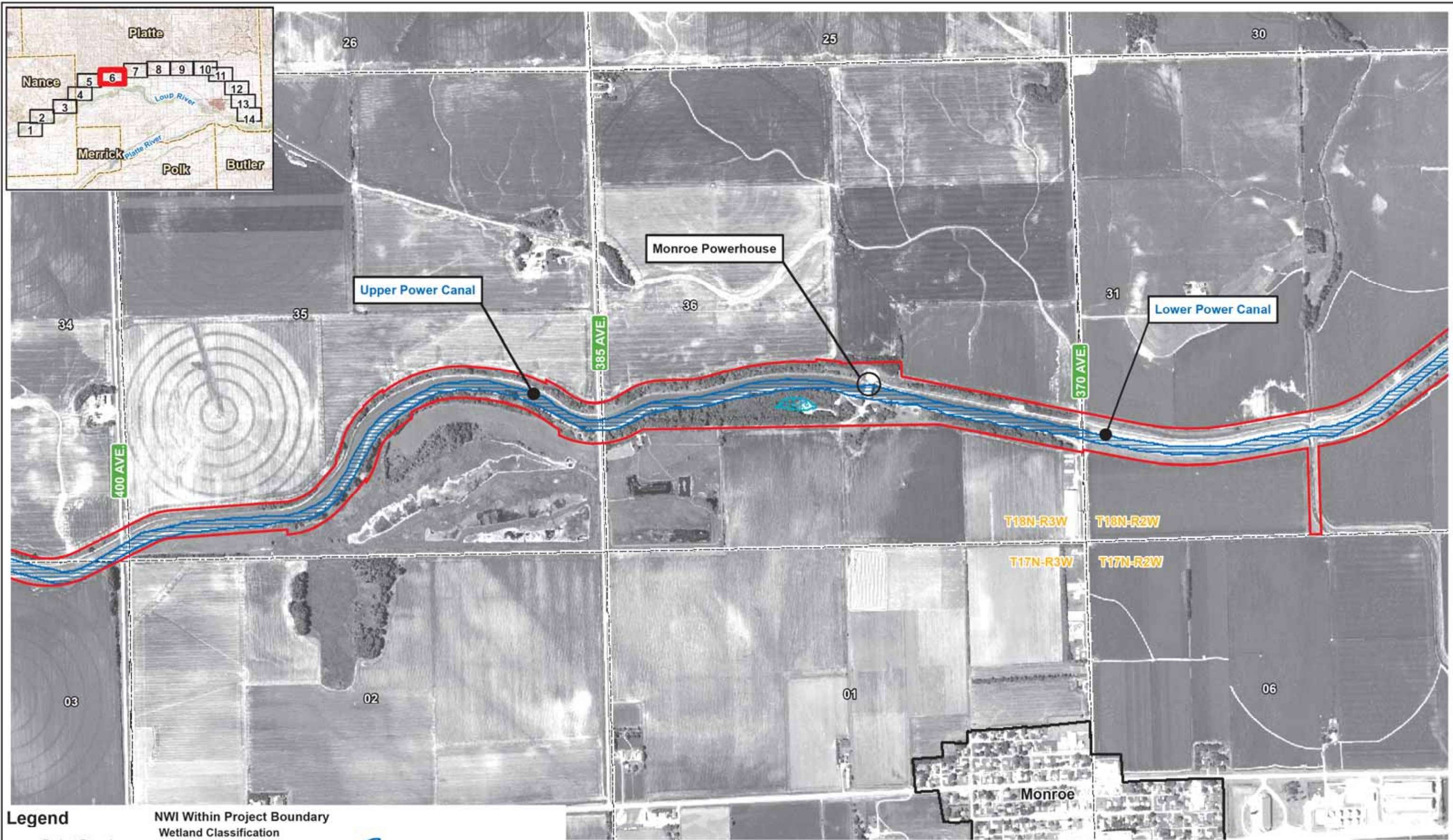
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**Legend**

Project Boundary	Palustrine, emergent	Riverine, unconsolidated bottom
Section Line	Palustrine, forested/scrub shrub	Other, unclassified
Corporate Limits	Palustrine, aquatic bed	
County Line	Lacustrine, unconsolidated bottom	
Streams/Waterways		

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

Scale: 1,000 500 0 Feet

Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National Hydrography Dataset, 1999, U.S. Geological Survey



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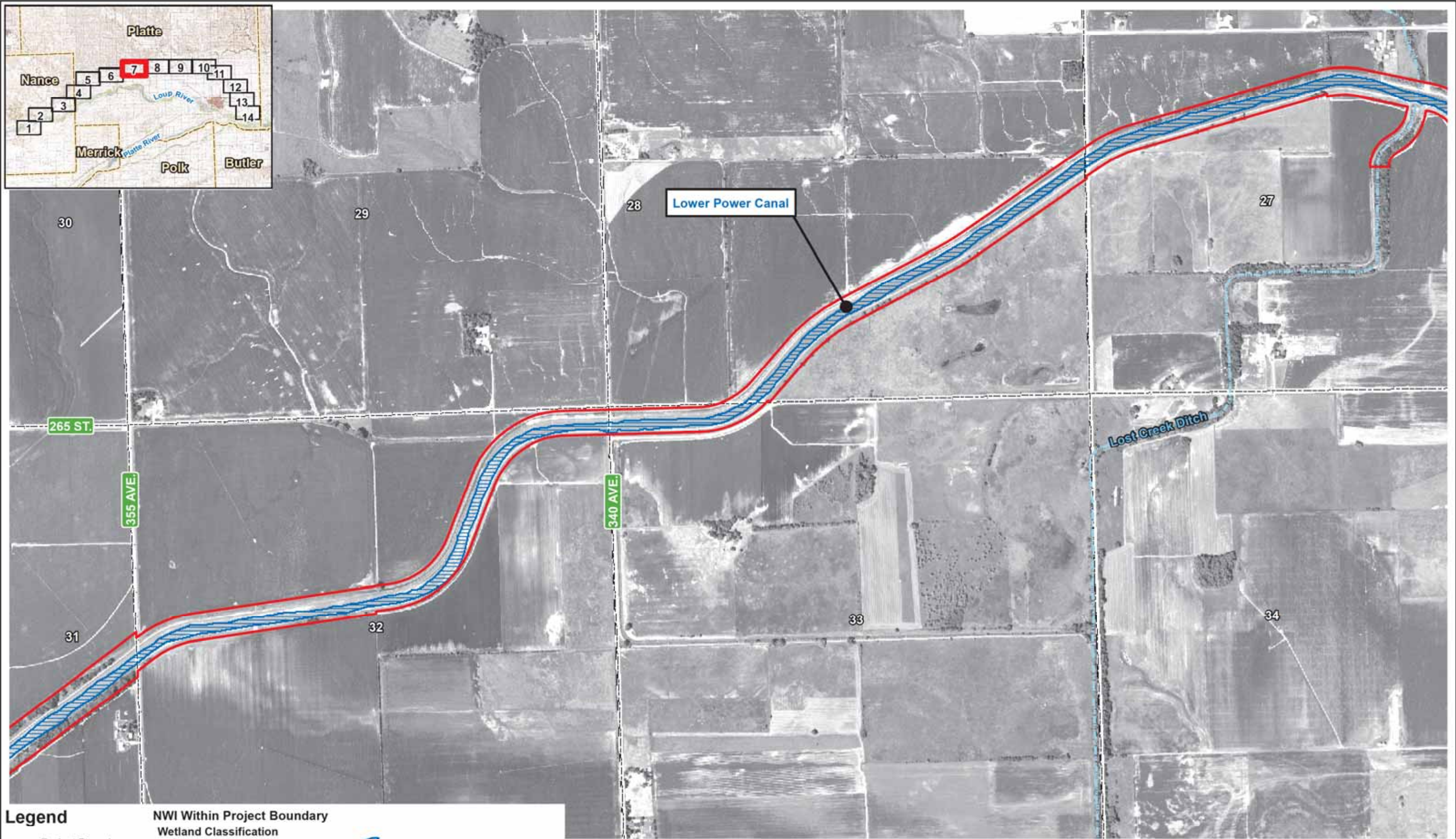
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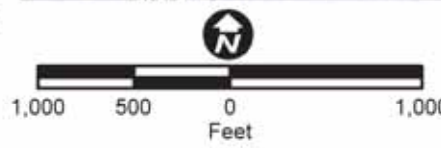
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	Palustrine, emergent	Other, unclassified
Corporate Limits	Palustrine, forested/scrub shrub	
County Line	Palustrine, aquatic bed	
Streams/Waterways	Lacustrine, unconsolidated bottom	



Source: National Wetland Inventory (NWI)  
 U.S. Fish & Wildlife Service; Streams, National  
 Hydrography Dataset, 1999, U.S. Geological Survey



**Wetlands**

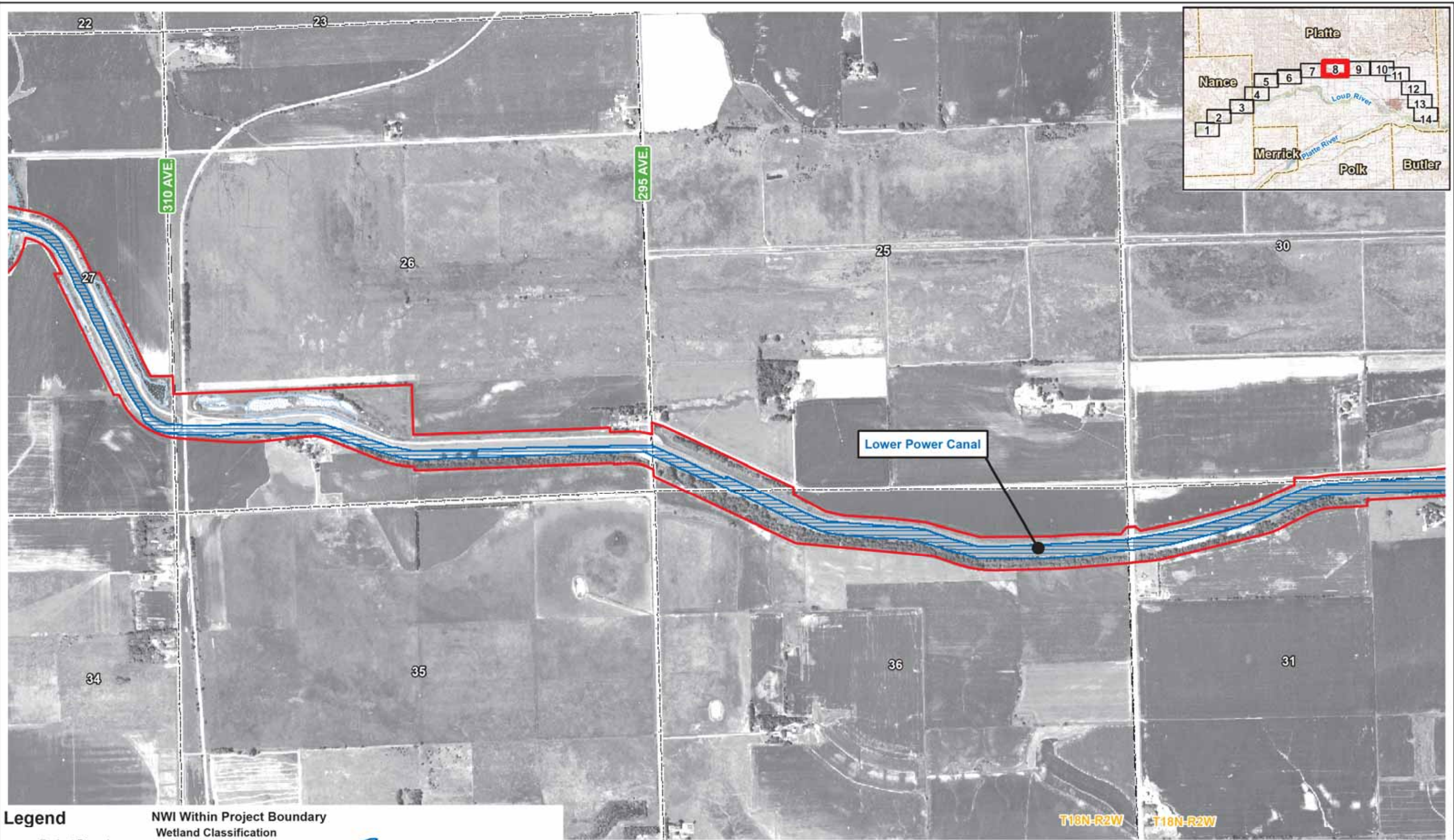
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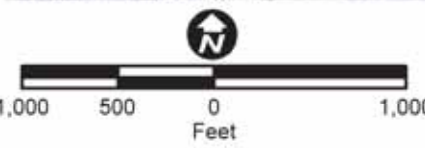
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	<b>Wetland Classification</b>	Other, unclassified
Corporate Limits	Palustrine, emergent	Palustrine, forested/scrub shrub
County Line	Palustrine, aquatic bed	Lacustrine, unconsolidated bottom
Streams/Waterways		

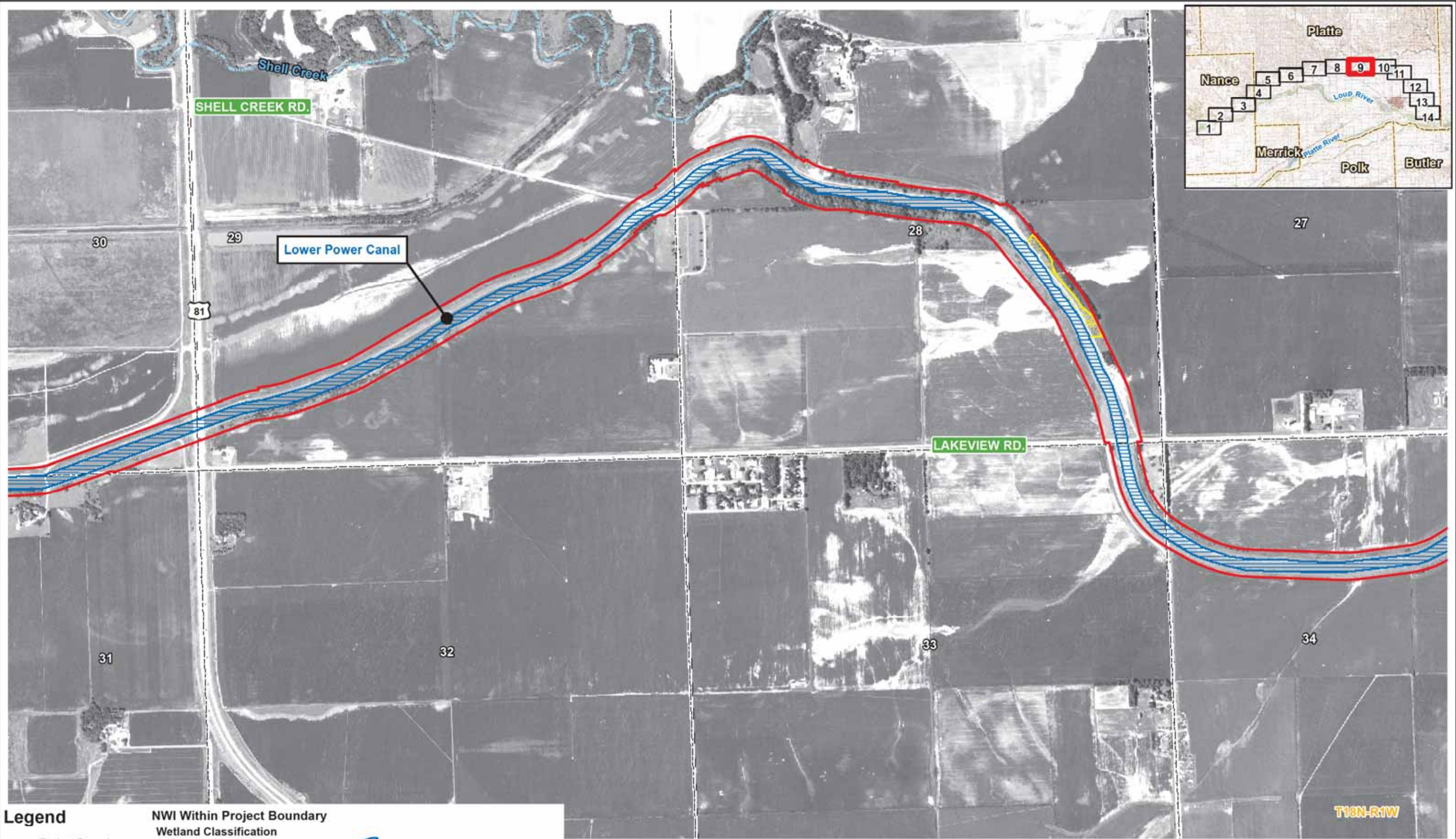


Source: National Wetland Inventory (NWI)  
 U.S. Fish & Wildlife Service; Streams, National  
 Hydrography Dataset, 1999, U.S. Geological Survey



<p><b>Wetlands</b></p> <p>Loup River Hydroelectric Project                  FERC Project No. 1256                  Draft License Application</p>	<p>Sheet 8 of 14</p>	<p>DATE                  November 2011</p>
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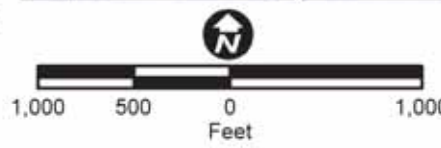
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**Legend**

- |                   |                                    |                                   |
|-------------------|------------------------------------|-----------------------------------|
| Project Boundary  | <b>NWI Within Project Boundary</b> | Riverine, unconsolidated bottom   |
| Section Line      | <b>Wetland Classification</b>      | Other, unclassified               |
| Corporate Limits  | Palustrine, emergent               | Palustrine, aquatic bed           |
| County Line       | Palustrine, forested/scrub shrub   | Lacustrine, unconsolidated bottom |
| Streams/Waterways | Palustrine, aquatic bed            |                                   |

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National Hydrography Dataset, 1999, U.S. Geological Survey



**Wetlands**

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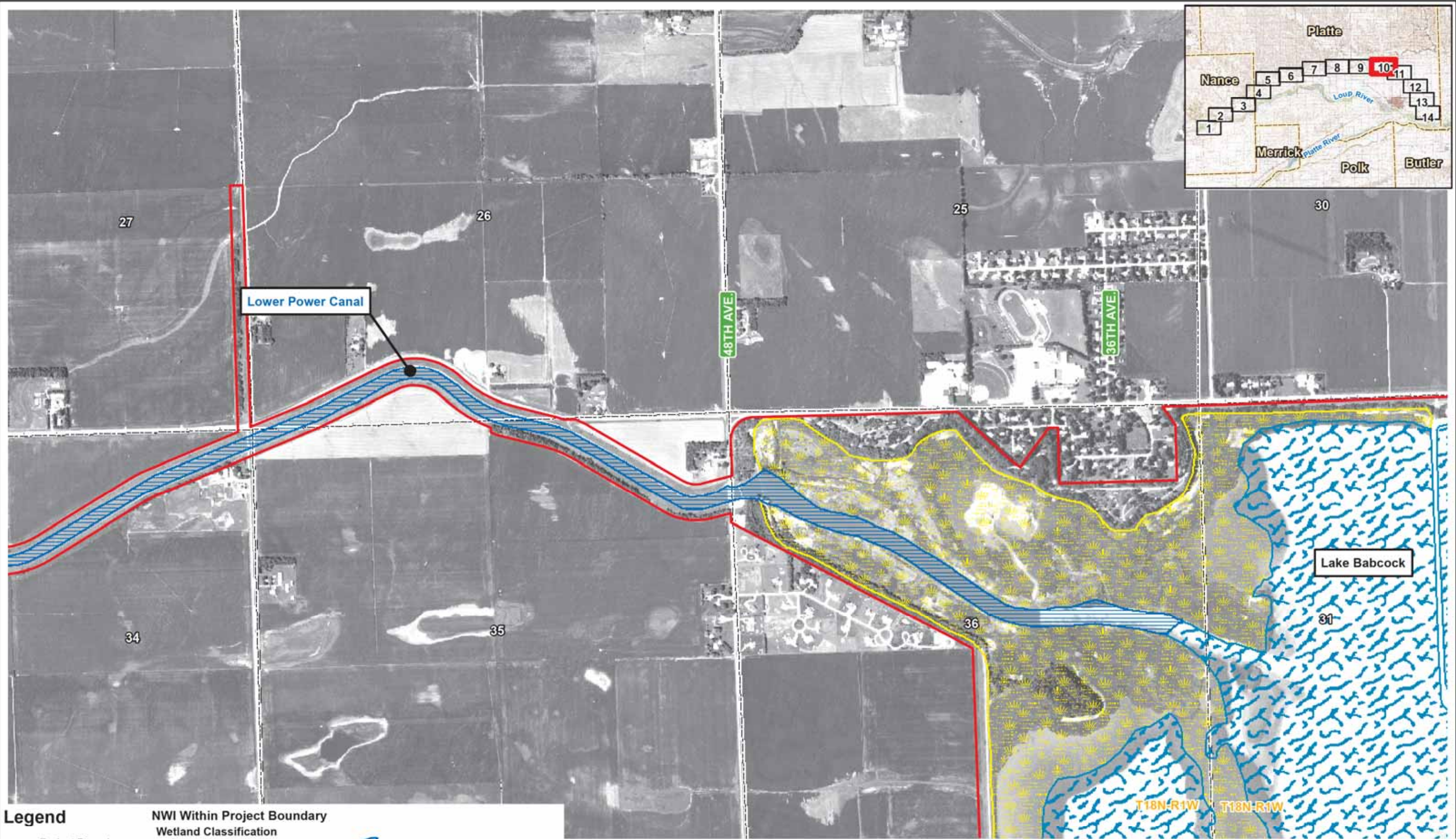
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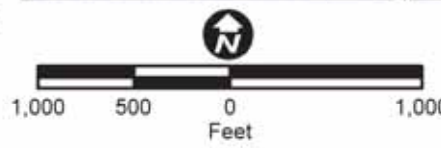
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	Palustrine, emergent	Other, unclassified
Corporate Limits	Palustrine, forested/scrub shrub	
County Line	Palustrine, aquatic bed	
Streams/Waterways	Lacustrine, unconsolidated bottom	

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National Hydrography Dataset, 1999, U.S. Geological Survey



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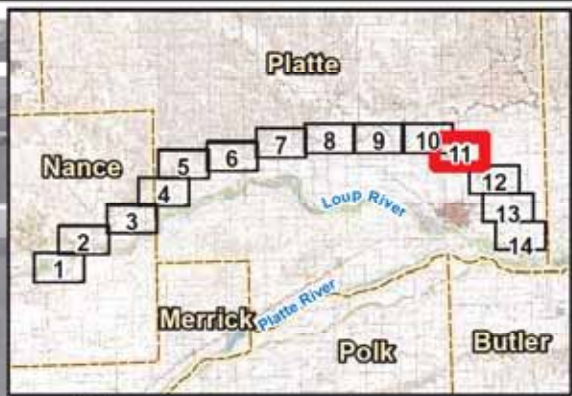
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	<b>Wetland Classification</b>	Other, unclassified
Corporate Limits	Palustrine, emergent	Palustrine, forested/scrub shrub
County Line	Palustrine, aquatic bed	Palustrine, aquatic bed
Streams/Waterways	Lacustrine, unconsolidated bottom	

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

1,000 500 0 1,000  
Feet

Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National  
Hydrography Dataset, 1999, U.S. Geological Survey



**Wetlands**

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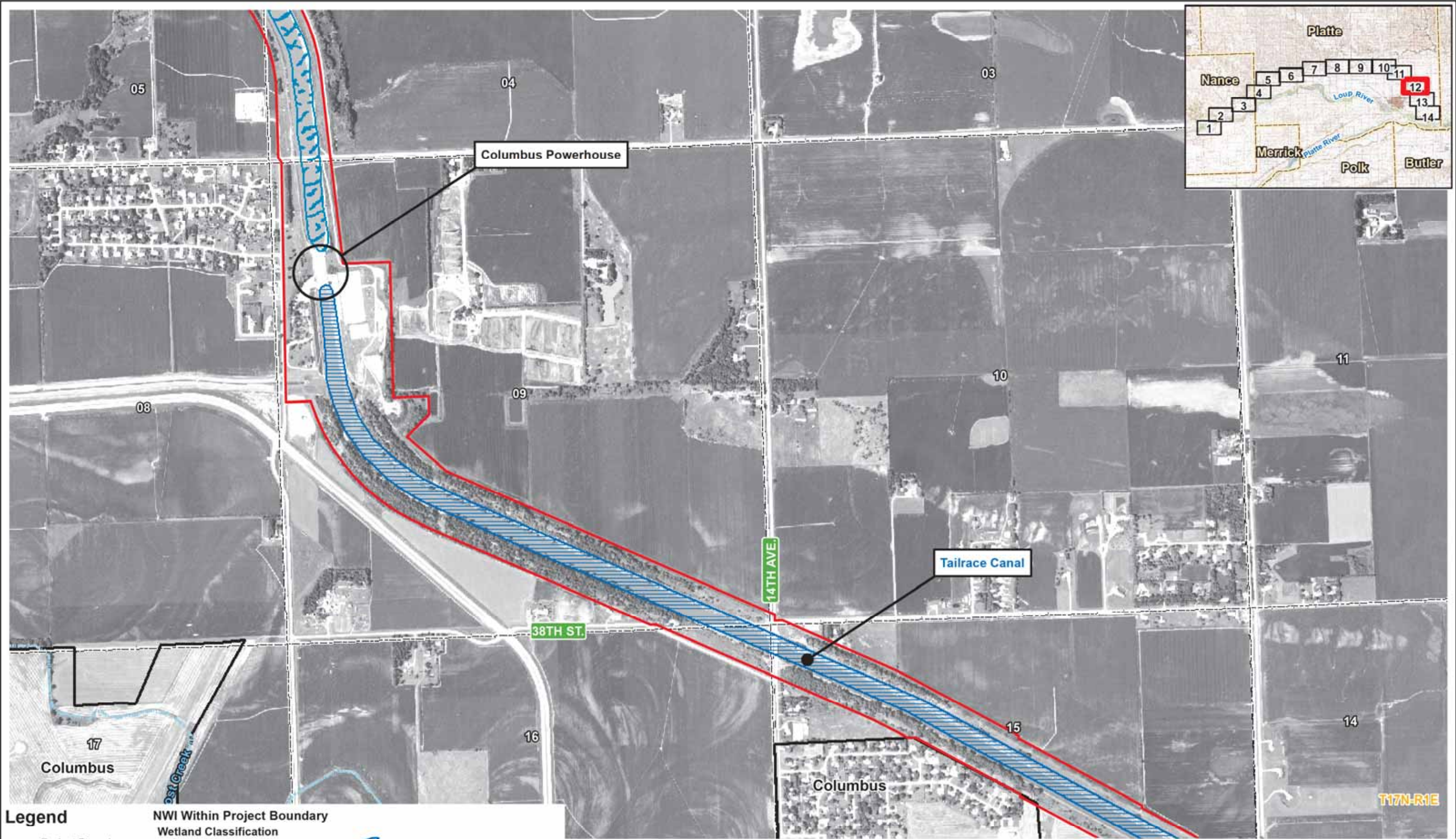
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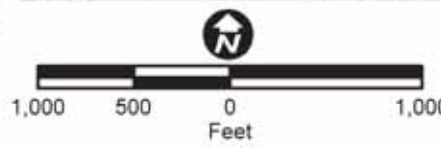
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**Legend**

Project Boundary	<b>NWI Within Project Boundary</b>	Riverine, unconsolidated bottom
Section Line	<b>Wetland Classification</b>	Other, unclassified
Corporate Limits	Palustrine, emergent	Palustrine, aquatic bed
County Line	Palustrine, forested/scrub shrub	Lacustrine, unconsolidated bottom
Streams/Waterways	Palustrine, aquatic bed	

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National Hydrography Dataset, 1999, U.S. Geological Survey



**Wetlands**

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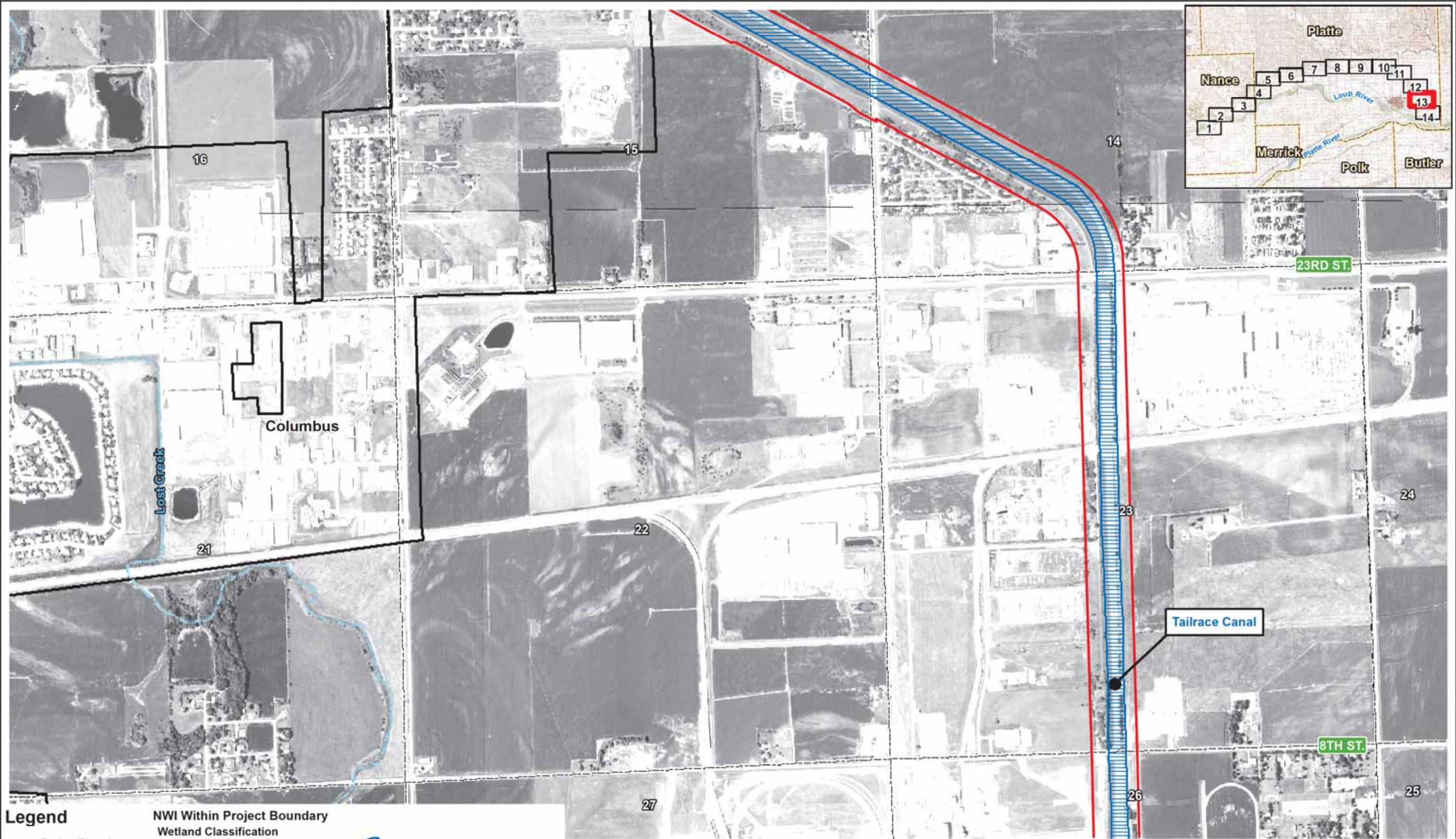
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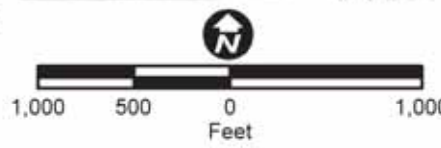


**Legend**

- Project Boundary
- Section Line
- Corporate Limits
- County Line
- Streams/Waterways

**NWI Within Project Boundary  
Wetland Classification**

- Palustrine, emergent
- Palustrine, forested/scrub shrub
- Palustrine, aquatic bed
- Lacustrine, unconsolidated bottom
- Riverine, unconsolidated bottom
- Other, unclassified



Source: National Wetland Inventory (NWI)  
U.S. Fish & Wildlife Service; Streams, National  
Hydrography Dataset, 1999, U.S. Geological Survey



**Wetlands**

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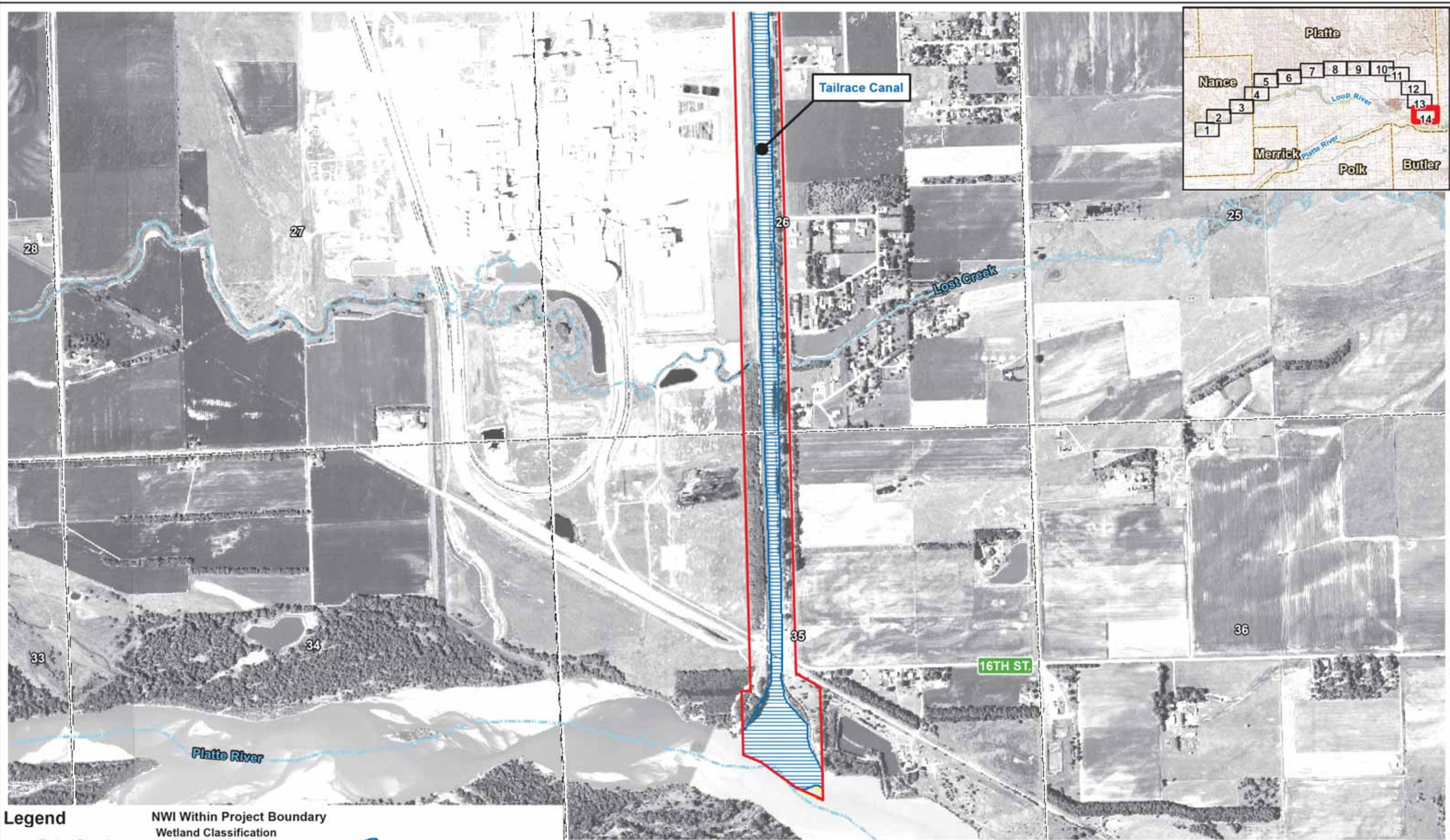
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FIGURE  
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**Legend**

Project Boundary	<b>NWI Within Project Boundary Wetland Classification</b>	Riverine, unconsolidated bottom
Section Line	Palustrine, emergent	Other, unclassified
Corporate Limits	Palustrine, forested/scrub shrub	
County Line	Palustrine, aquatic bed	
Streams/Waterways	Lacustrine, unconsolidated bottom	

Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

Scale: 1,000 500 0 Feet

Source: National Wetland Inventory (NWI) U.S. Fish & Wildlife Service; Streams, National Hydrography Dataset, 1999, U.S. Geological Survey



**Wetlands**

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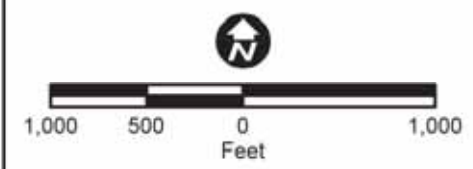
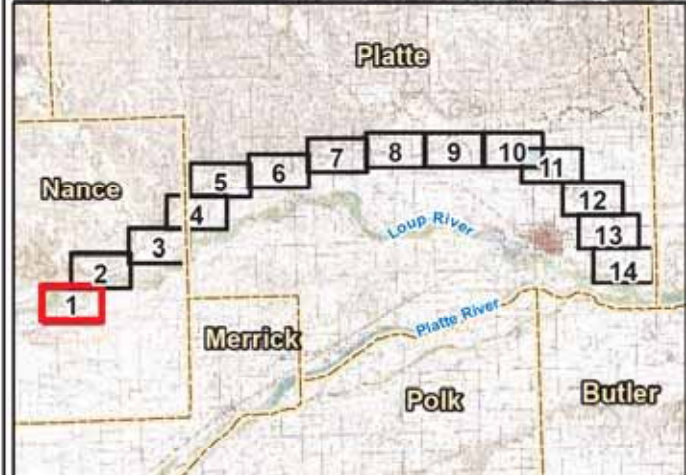
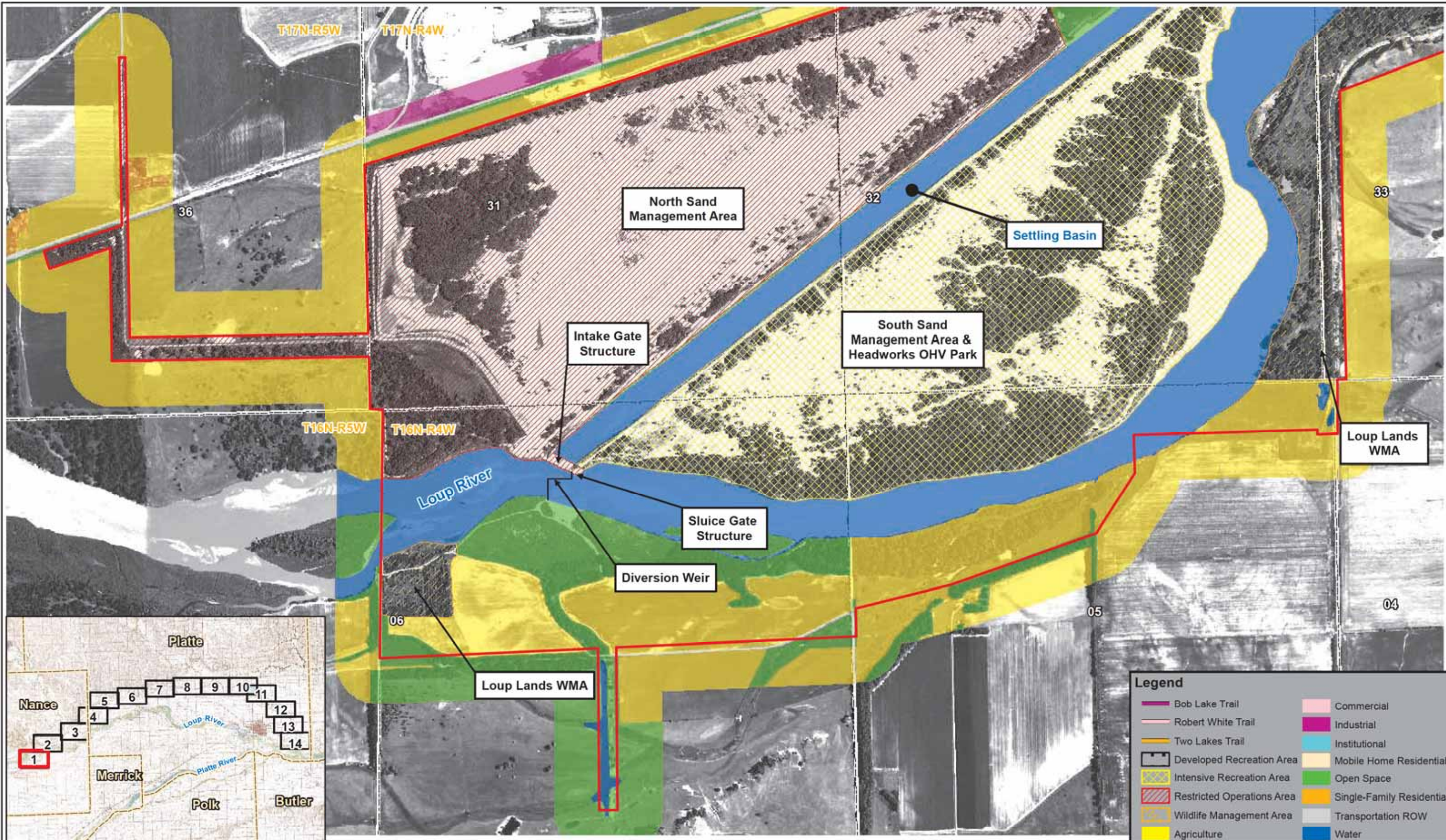
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FIGURE: E-15

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- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line

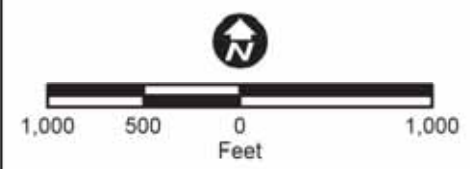
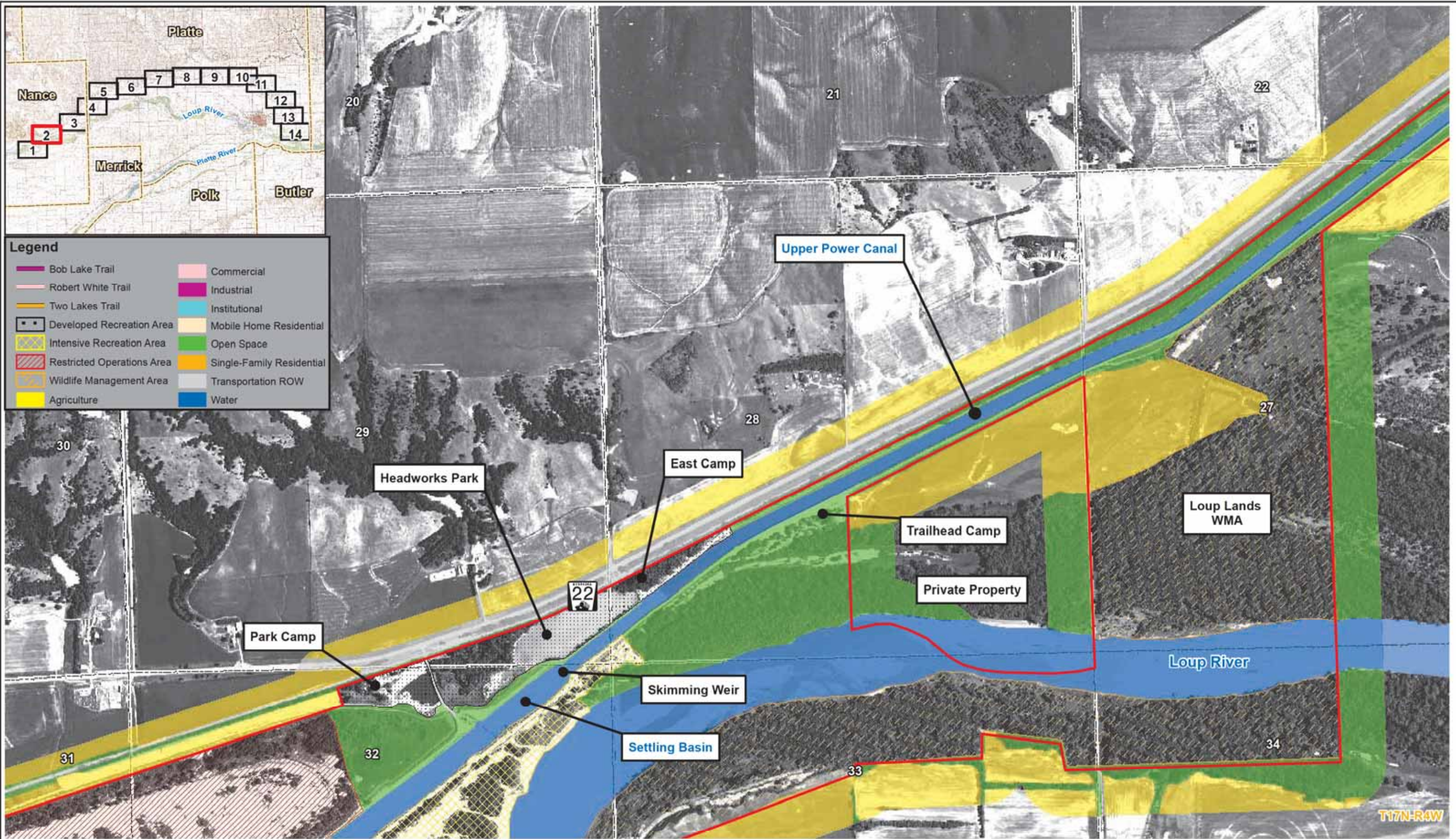


**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

- Legend**
- |   |  |
|---|--|
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| <span style="color: red;">—</span> Robert White Trail                         | <span style="background-color: #FF00FF;">  </span> Industrial                |
| <span style="color: orange;">—</span> Two Lakes Trail                         | <span style="background-color: #ADD8E6;">  </span> Institutional             |
| <span style="border: 1px solid black;">  </span> Developed Recreation Area    | <span style="background-color: #FFDAB9;">  </span> Mobile Home Residential   |
| <span style="background-color: #FFD700;">  </span> Intensive Recreation Area  | <span style="background-color: #90EE90;">  </span> Open Space                |
| <span style="background-color: #FFA07A;">  </span> Restricted Operations Area | <span style="background-color: #FF8C00;">  </span> Single-Family Residential |
| <span style="background-color: #FFD700;">  </span> Wildlife Management Area   | <span style="background-color: #A9A9A9;">  </span> Transportation ROW        |
| <span style="background-color: #FFFF00;">  </span> Agriculture                | <span style="background-color: #0000FF;">  </span> Water                     |

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Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line



**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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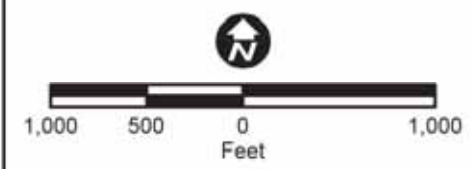
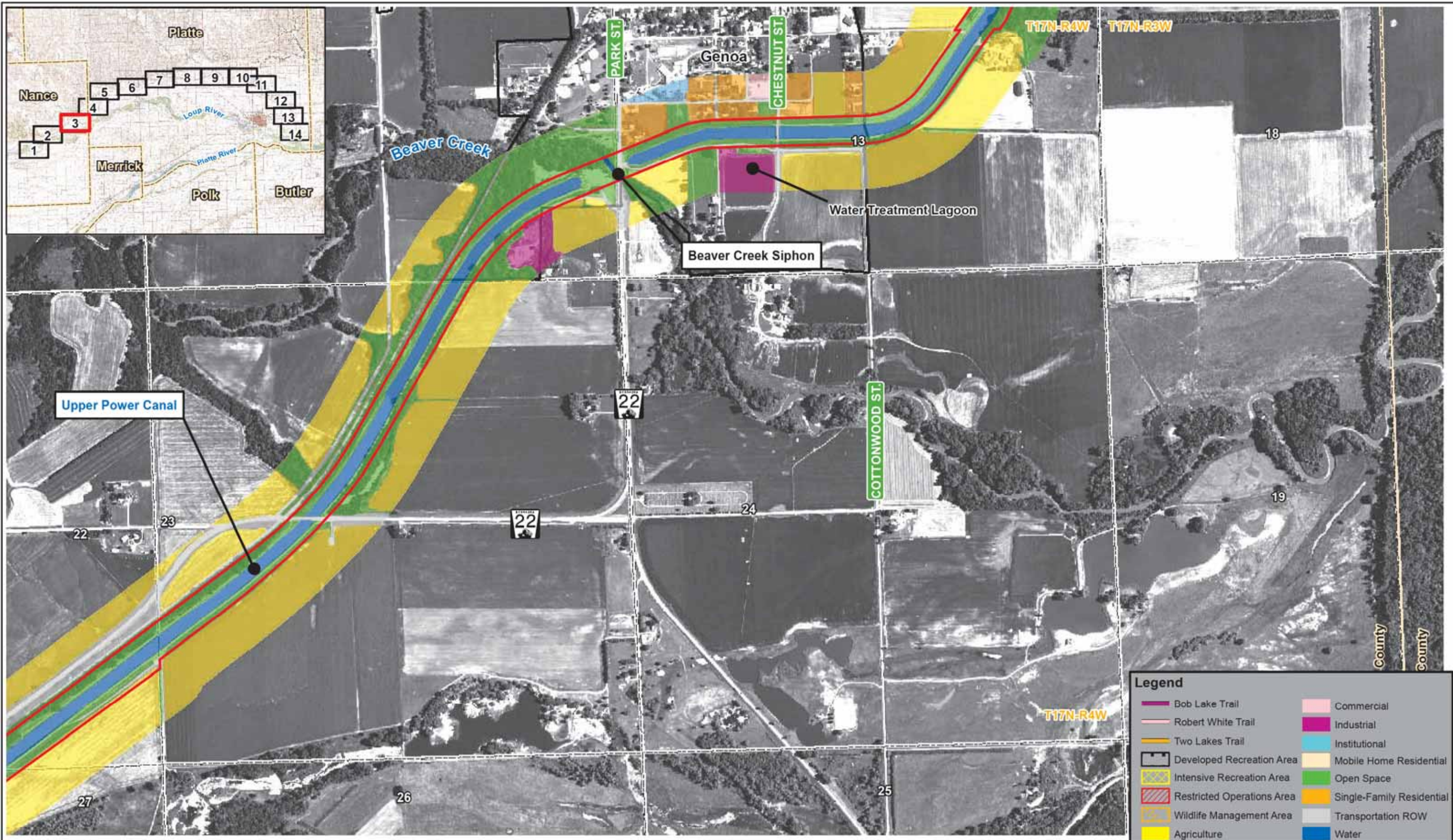
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November 2011

FIGURE  
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Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line



**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

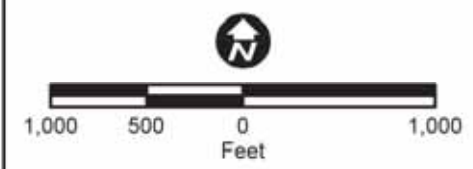
- Legend**
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| <span style="color: red;">—</span> Robert White Trail  | <span style="color: magenta;">—</span> Industrial               |
| <span style="color: orange;">—</span> Two Lakes Trail  | <span style="color: cyan;">—</span> Institutional               |
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| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Intensive Recreation Area | <span style="color: green;">—</span> Open Space                 |
| <span style="background-color: red; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Restricted Operations Area   | <span style="color: orange;">—</span> Single-Family Residential |
| <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Wildlife Management Area  | <span style="color: grey;">—</span> Transportation ROW          |
| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Agriculture               | <span style="color: blue;">—</span> Water                       |

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- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line

- Legend**
- |  |  |
|--|--|
| <span style="color: purple;">—</span> Bob Lake Trail   | <span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Commercial                  |
| <span style="color: red;">—</span> Robert White Trail  | <span style="background-color: magenta; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Industrial               |
| <span style="color: orange;">—</span> Two Lakes Trail  | <span style="background-color: cyan; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Institutional               |
| <span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Developed Recreation Area                           | <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Mobile Home Residential   |
| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Intensive Recreation Area | <span style="background-color: green; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Open Space                 |
| <span style="background-color: red; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Restricted Operations Area   | <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Single-Family Residential |
| <span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Wildlife Management Area  | <span style="background-color: gray; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Transportation ROW          |
| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Agriculture               | <span style="background-color: blue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Water                       |



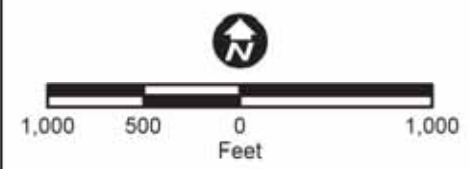
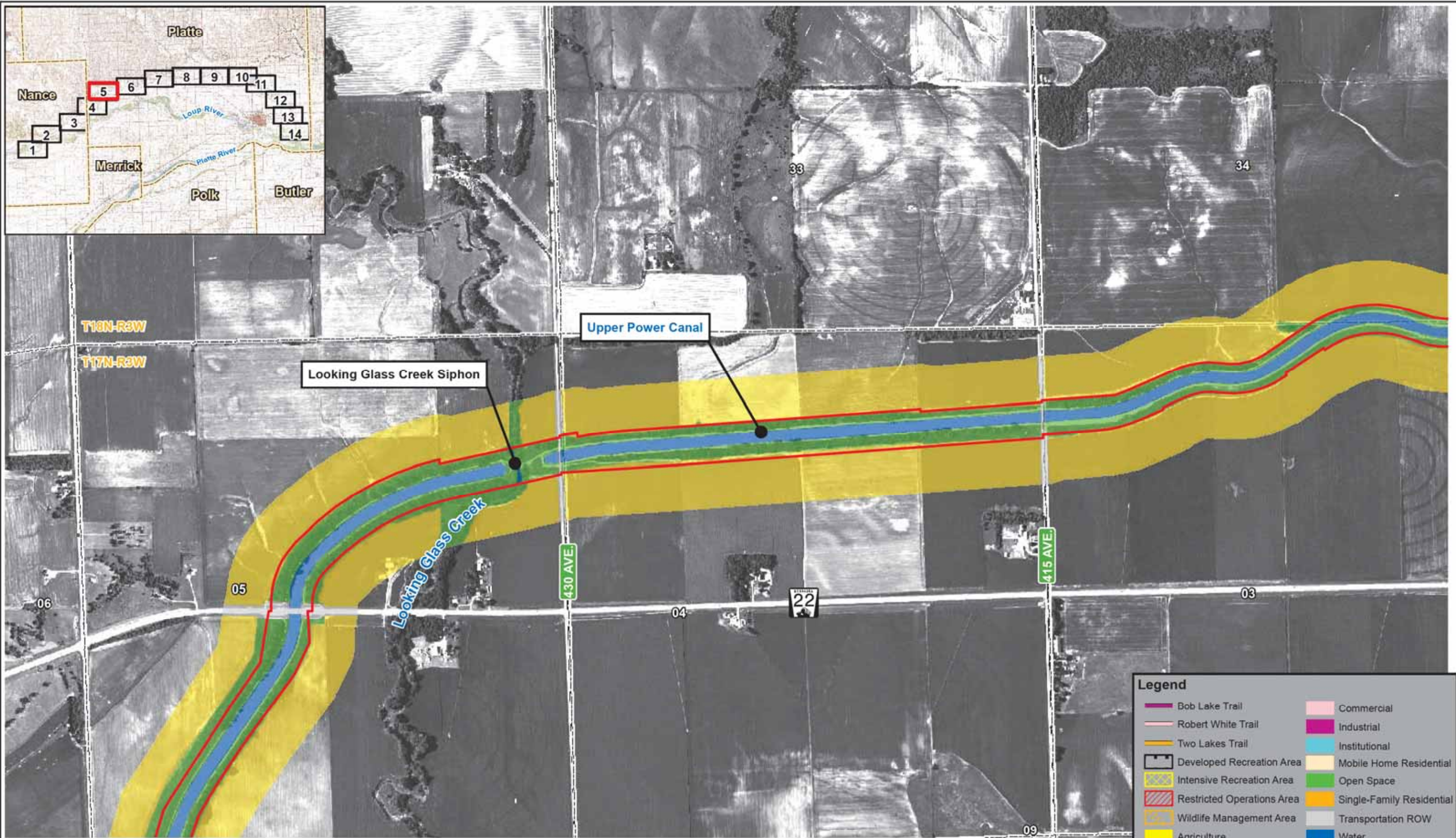
**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line



**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

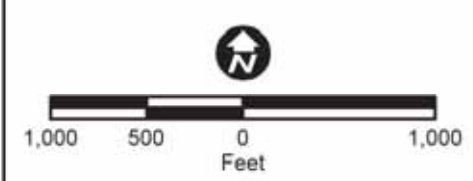
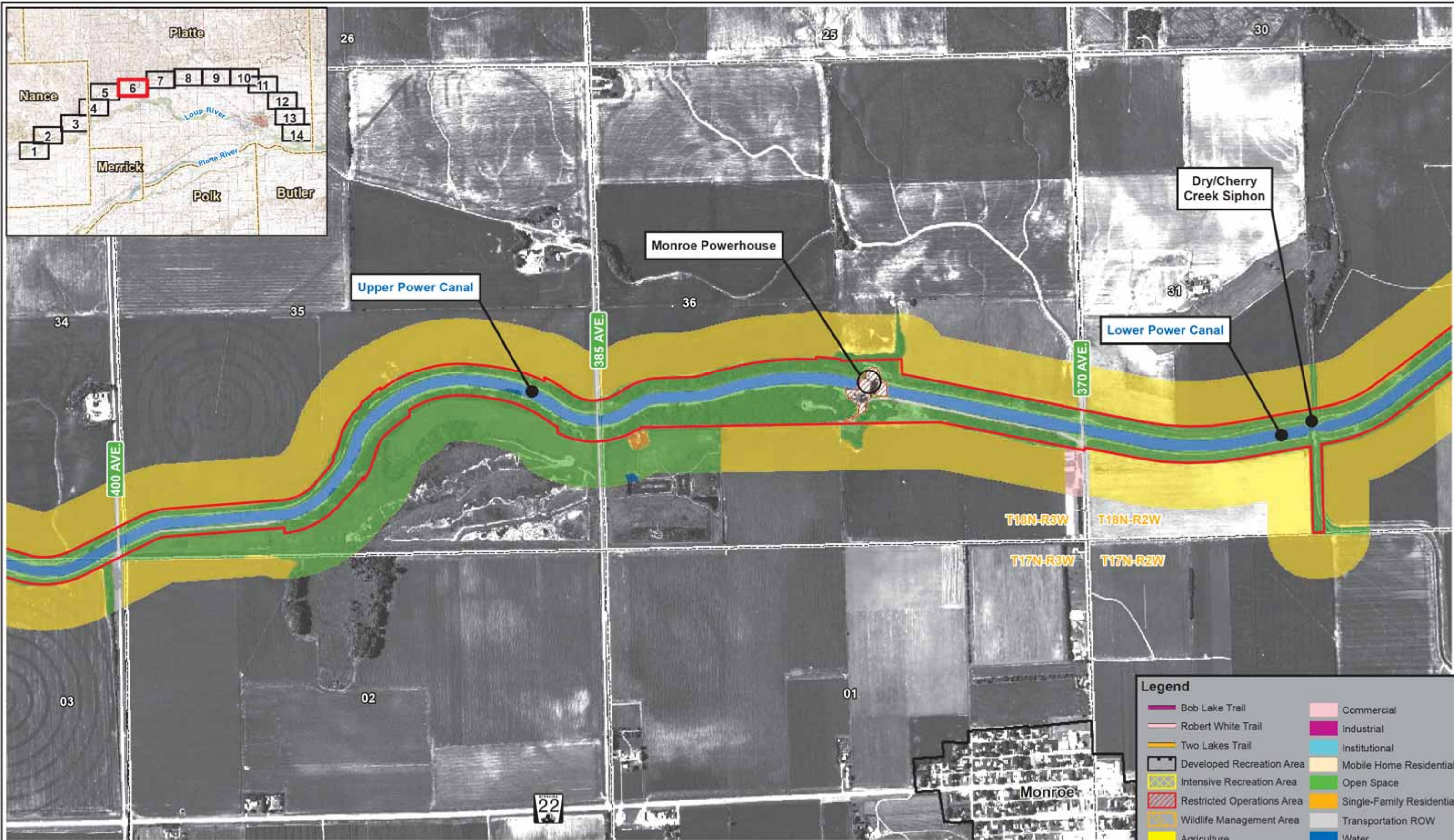
- Legend**
- |   |   |
|---|---|
| <span style="color: purple;">—</span> Bob Lake Trail  | <span style="color: pink;">—</span> Commercial                  |
| <span style="color: red;">—</span> Robert White Trail | <span style="color: magenta;">—</span> Industrial               |
| <span style="color: orange;">—</span> Two Lakes Trail | <span style="color: cyan;">—</span> Institutional               |
| Developed Recreation Area                             | <span style="color: yellow;">—</span> Mobile Home Residential   |
| Intensive Recreation Area                             | <span style="color: green;">—</span> Open Space                 |
| Restricted Operations Area                            | <span style="color: orange;">—</span> Single-Family Residential |
| Wildlife Management Area                              | <span style="color: grey;">—</span> Transportation ROW          |
| <span style="color: yellow;">—</span> Agriculture     | <span style="color: blue;">—</span> Water                       |

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- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line



**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

- Legend**
- |  |   |
|--|---|
| <span style="color: purple;">—</span> Bob Lake Trail   | <span style="color: pink;">—</span> Commercial                  |
| <span style="color: red;">—</span> Robert White Trail  | <span style="color: magenta;">—</span> Industrial               |
| <span style="color: orange;">—</span> Two Lakes Trail  | <span style="color: cyan;">—</span> Institutional               |
| <span style="border: 1px solid black;">  </span> Developed Recreation Area                           | <span style="color: yellow;">—</span> Mobile Home Residential   |
| <span style="background-color: yellow; border: 1px solid black;">  </span> Intensive Recreation Area | <span style="color: green;">—</span> Open Space                 |
| <span style="background-color: red; border: 1px solid black;">  </span> Restricted Operations Area   | <span style="color: orange;">—</span> Single-Family Residential |
| <span style="background-color: yellow; border: 1px dashed black;">  </span> Wildlife Management Area | <span style="color: grey;">—</span> Transportation ROW          |
| <span style="background-color: yellow;">  </span> Agriculture  | <span style="color: blue;">—</span> Water                       |

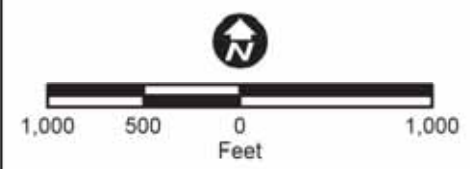
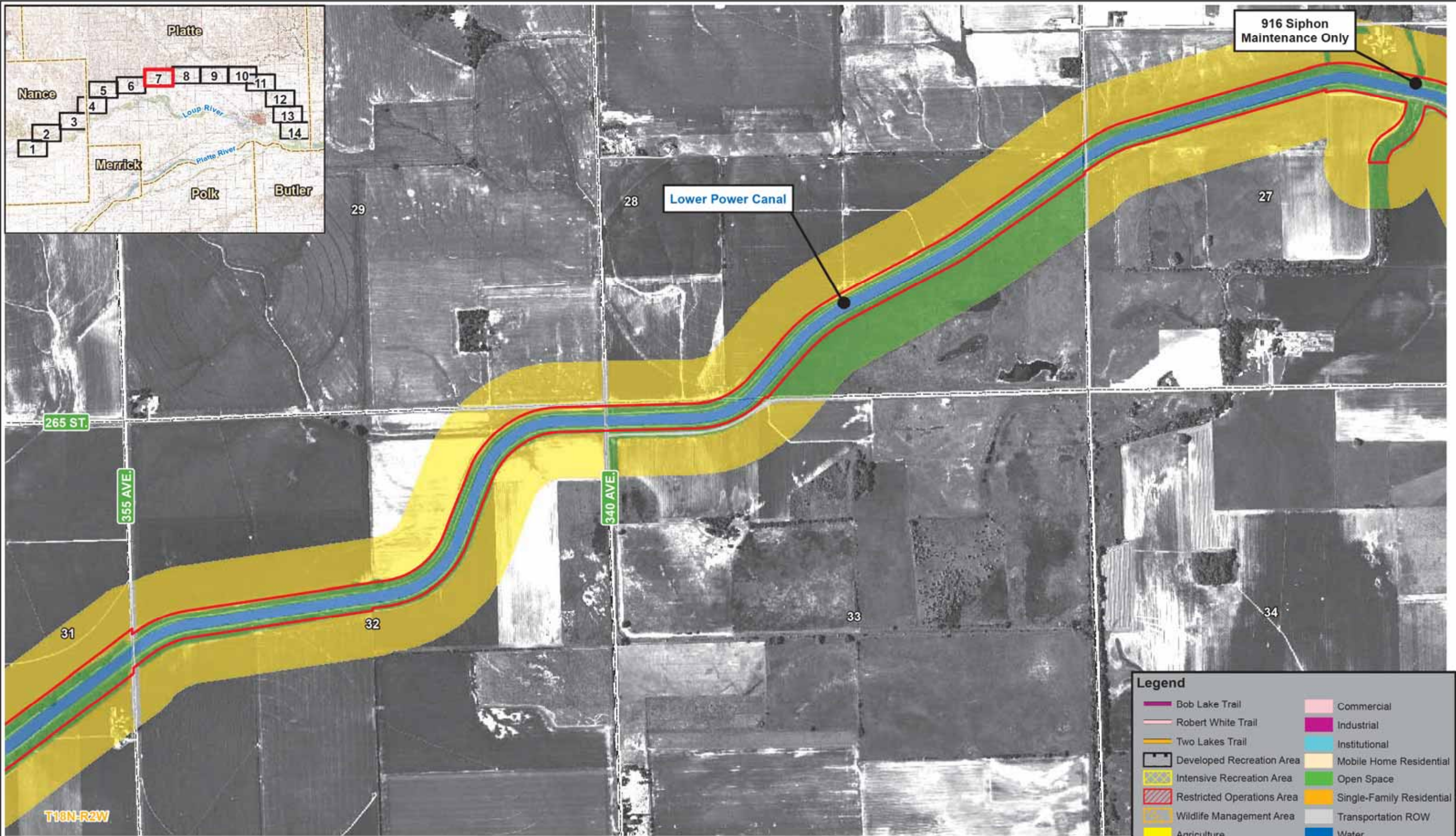
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- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line

- Legend**
- |  |   |
|--|---|
| <span style="color: purple;">—</span> Bob Lake Trail   | <span style="color: pink;">■</span> Commercial                  |
| <span style="color: red;">—</span> Robert White Trail  | <span style="color: magenta;">■</span> Industrial               |
| <span style="color: orange;">—</span> Two Lakes Trail  | <span style="color: cyan;">■</span> Institutional               |
| <span style="border: 1px solid black;">  </span> Developed Recreation Area                           | <span style="color: yellow;">■</span> Mobile Home Residential   |
| <span style="background-color: yellow; border: 1px solid black;">  </span> Intensive Recreation Area | <span style="color: green;">■</span> Open Space                 |
| <span style="background-color: red; border: 1px solid black;">  </span> Restricted Operations Area   | <span style="color: orange;">■</span> Single-Family Residential |
| <span style="background-color: orange; border: 1px solid black;">  </span> Wildlife Management Area  | <span style="color: grey;">■</span> Transportation ROW          |
| <span style="background-color: yellow;">  </span> Agriculture  | <span style="color: blue;">■</span> Water                       |



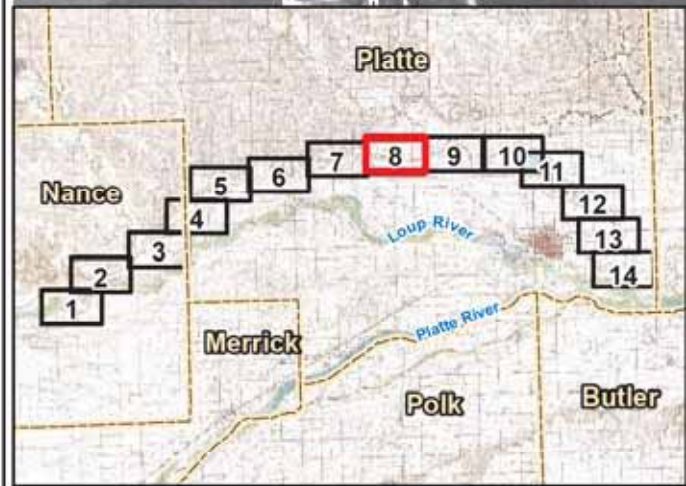
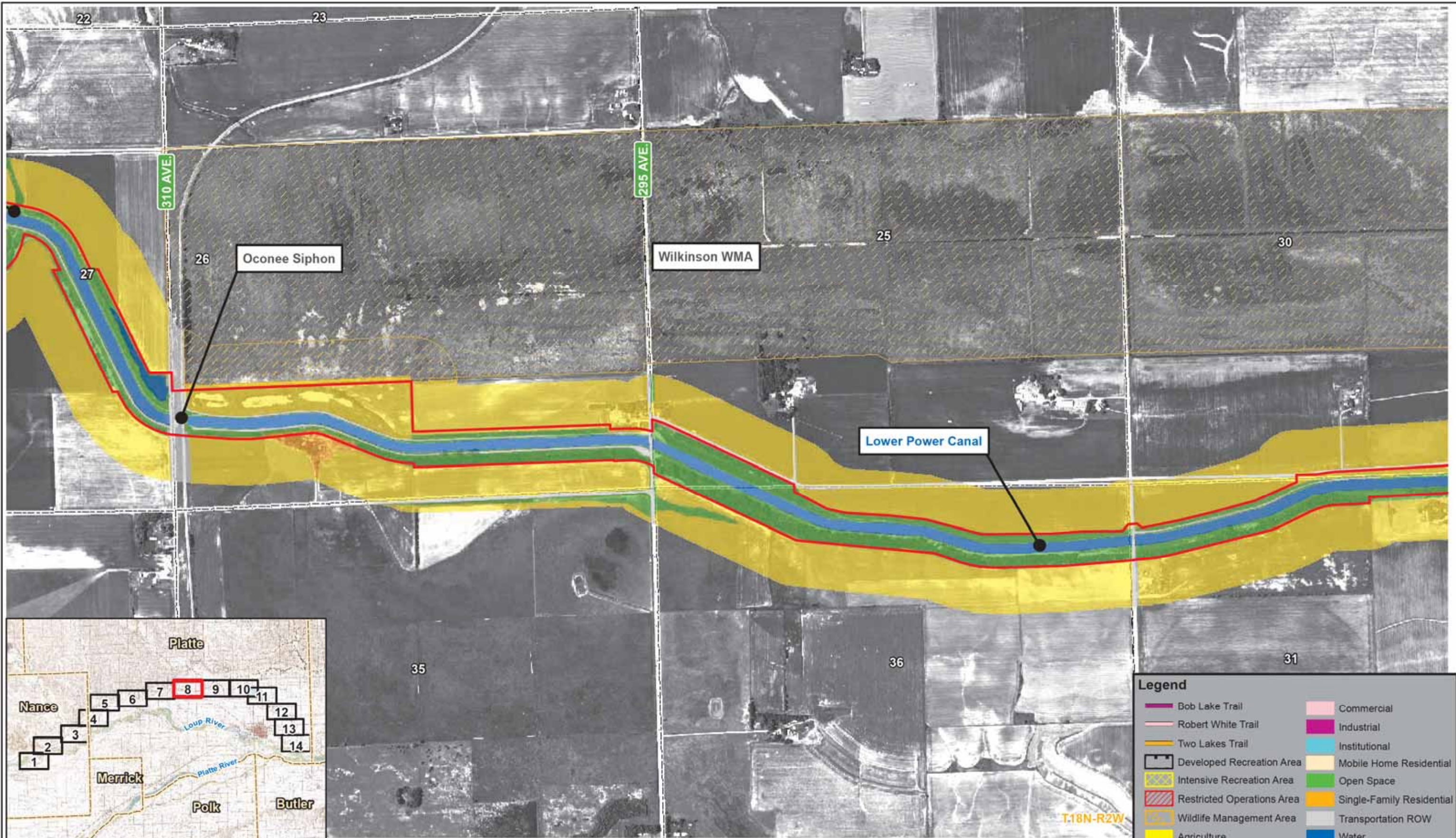
**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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Legend			
	Bob Lake Trail		Commercial
	Robert White Trail		Industrial
	Two Lakes Trail		Institutional
	Developed Recreation Area		Mobile Home Residential
	Intensive Recreation Area		Open Space
	Restricted Operations Area		Single-Family Residential
	Wildlife Management Area		Transportation ROW
	Agriculture		Water

Legend	
	Project Boundary
	Corporate Limits
	County Line
	Section Line

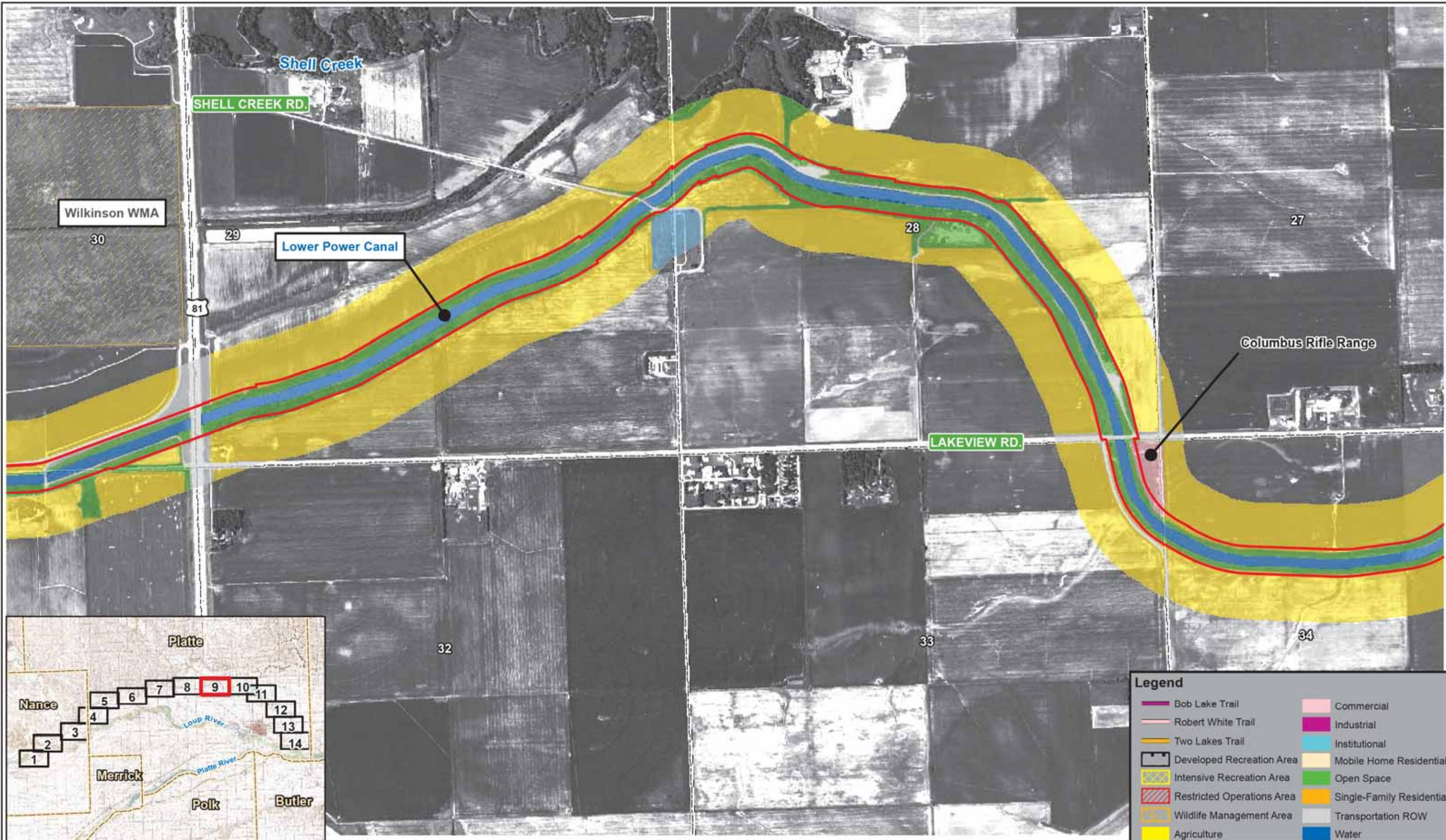


**Existing Land Use**  
 Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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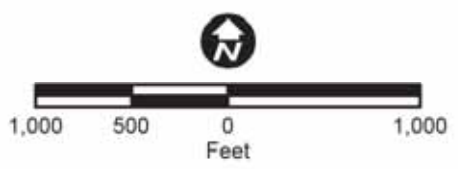
DATE	November 2011
FIGURE	E-16

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Legend			
	Bob Lake Trail		Commercial
	Robert White Trail		Industrial
	Two Lakes Trail		Institutional
	Developed Recreation Area		Mobile Home Residential
	Intensive Recreation Area		Open Space
	Restricted Operations Area		Single-Family Residential
	Wildlife Management Area		Transportation ROW
	Agriculture		Water

Legend	
	Project Boundary
	Corporate Limits
	County Line
	Section Line



Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



**Existing Land Use**  
 Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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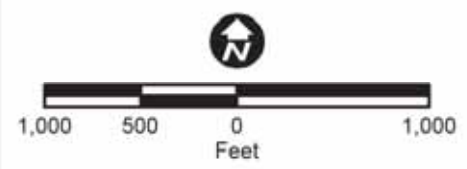


**Legend**

Bob Lake Trail	Commercial
Robert White Trail	Industrial
Two Lakes Trail	Institutional
Developed Recreation Area	Mobile Home Residential
Intensive Recreation Area	Open Space
Restricted Operations Area	Single-Family Residential
Wildlife Management Area	Transportation ROW
Agriculture	Water

**Legend**

Project Boundary
Corporate Limits
County Line
Section Line



Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



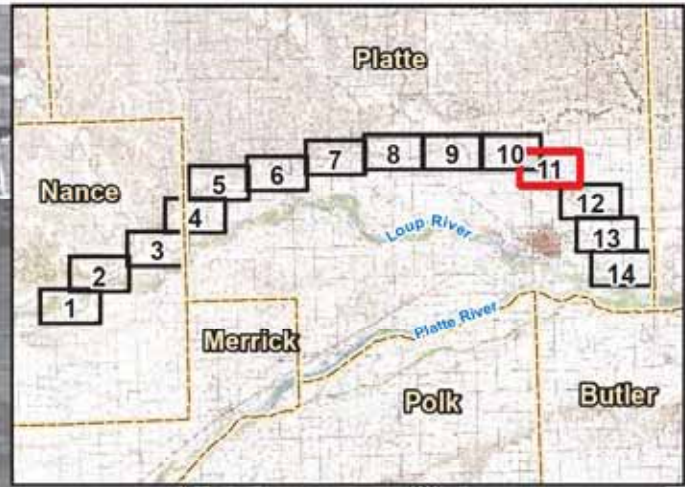
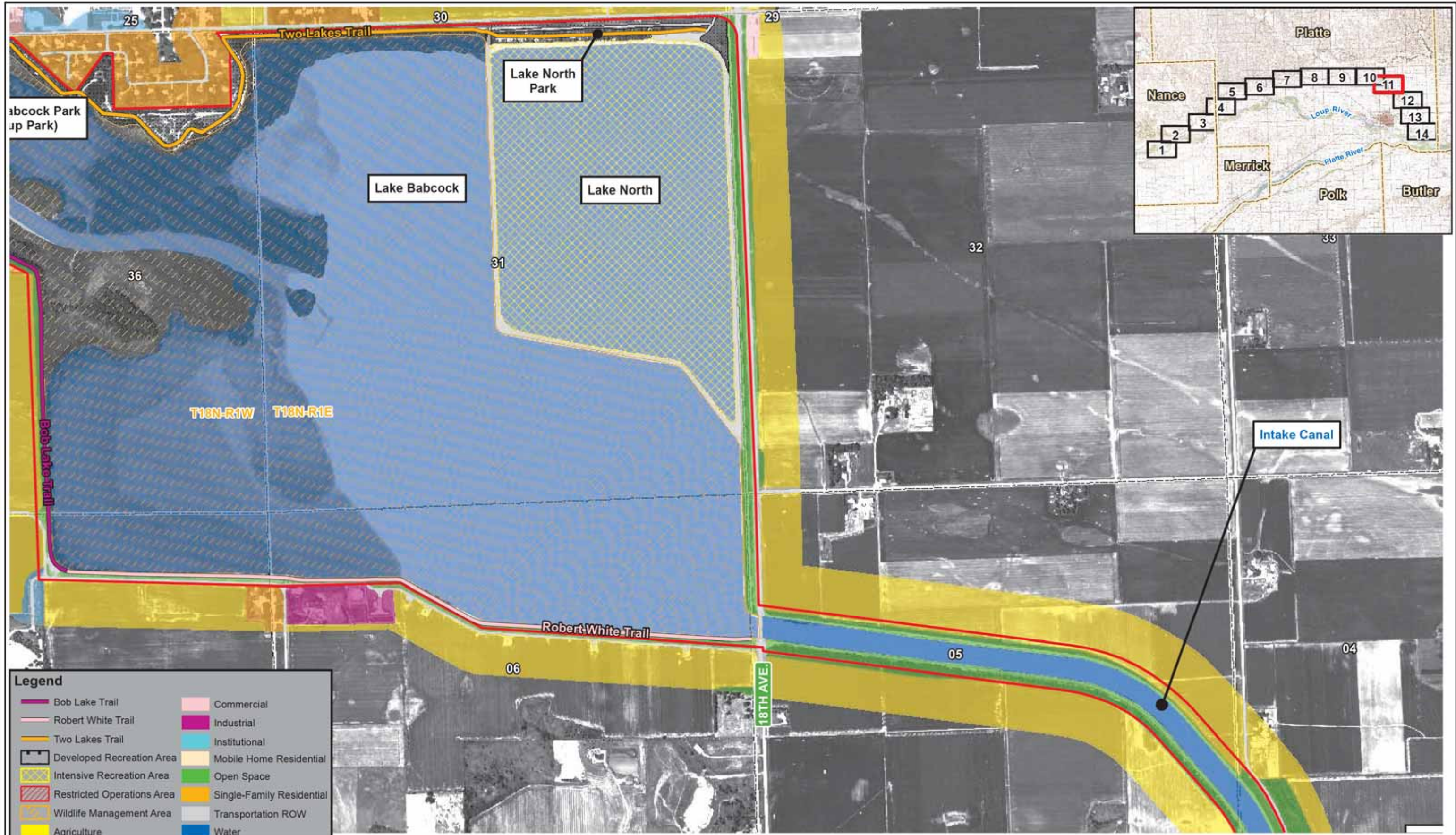
**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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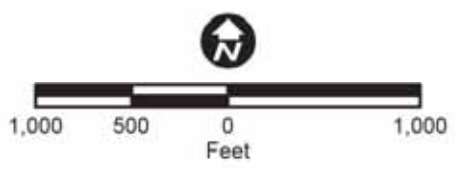
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Legend	
	Bob Lake Trail
	Robert White Trail
	Two Lakes Trail
	Developed Recreation Area
	Intensive Recreation Area
	Restricted Operations Area
	Wildlife Management Area
	Agriculture
	Commercial
	Industrial
	Institutional
	Mobile Home Residential
	Open Space
	Single-Family Residential
	Transportation ROW
	Water

Legend	
	Project Boundary
	Corporate Limits
	County Line
	Section Line



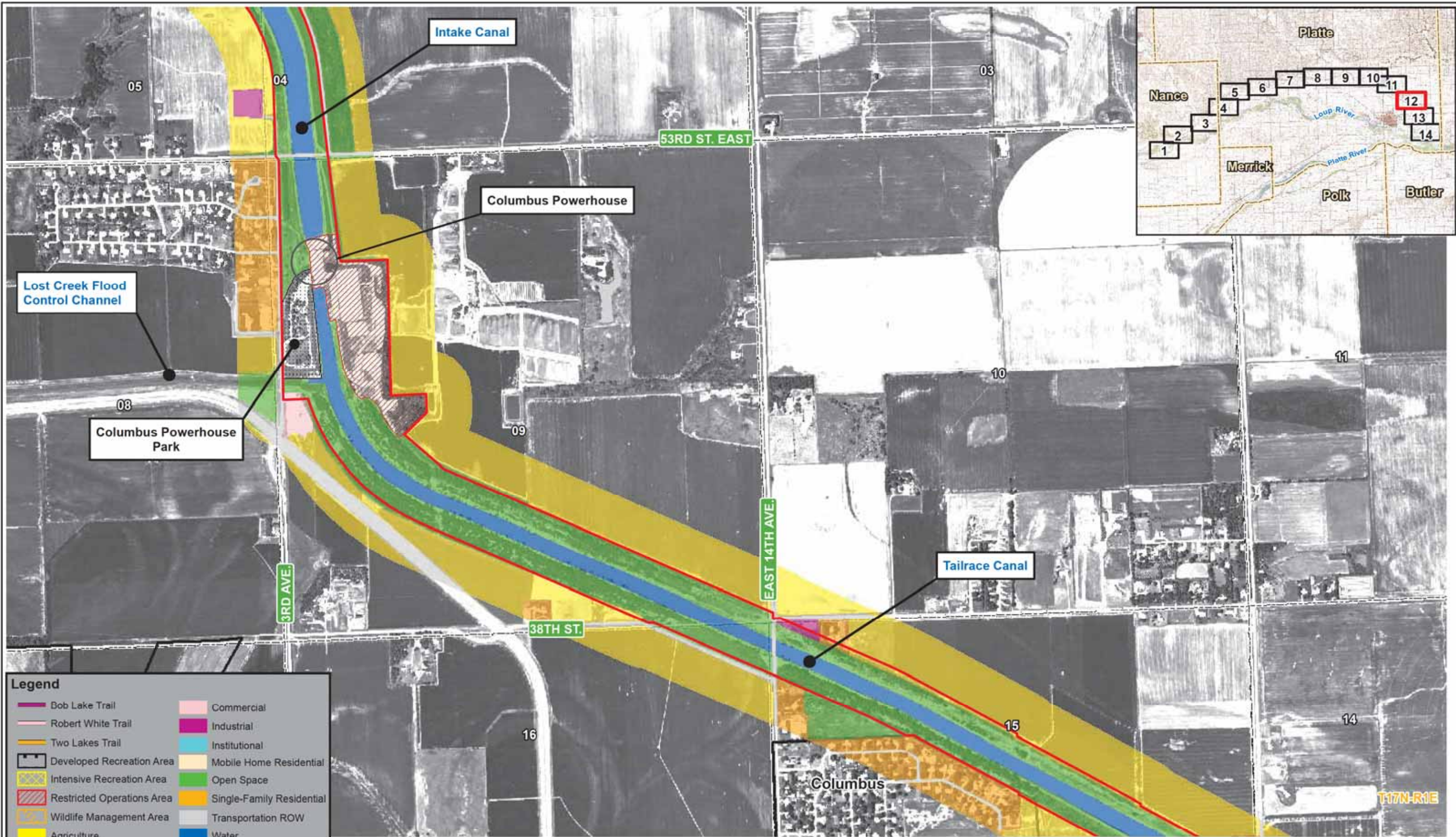
Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



**Existing Land Use**  
 Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

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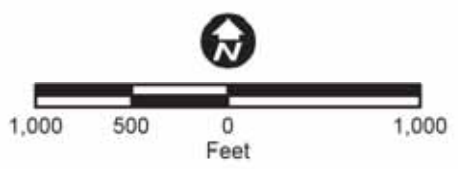


**Legend**

	Bob Lake Trail		Commercial
	Robert White Trail		Industrial
	Two Lakes Trail		Institutional
	Developed Recreation Area		Mobile Home Residential
	Intensive Recreation Area		Open Space
	Restricted Operations Area		Single-Family Residential
	Wildlife Management Area		Transportation ROW
	Agriculture		Water

**Legend**

	Project Boundary
	Corporate Limits
	County Line
	Section Line



Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic



**Existing Land Use**

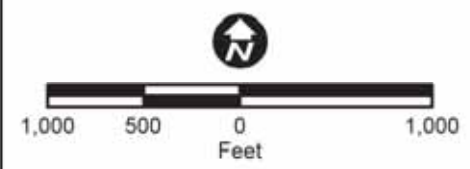
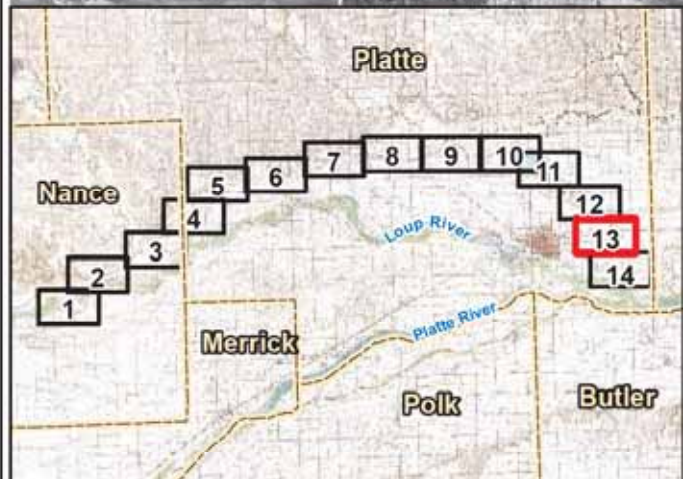
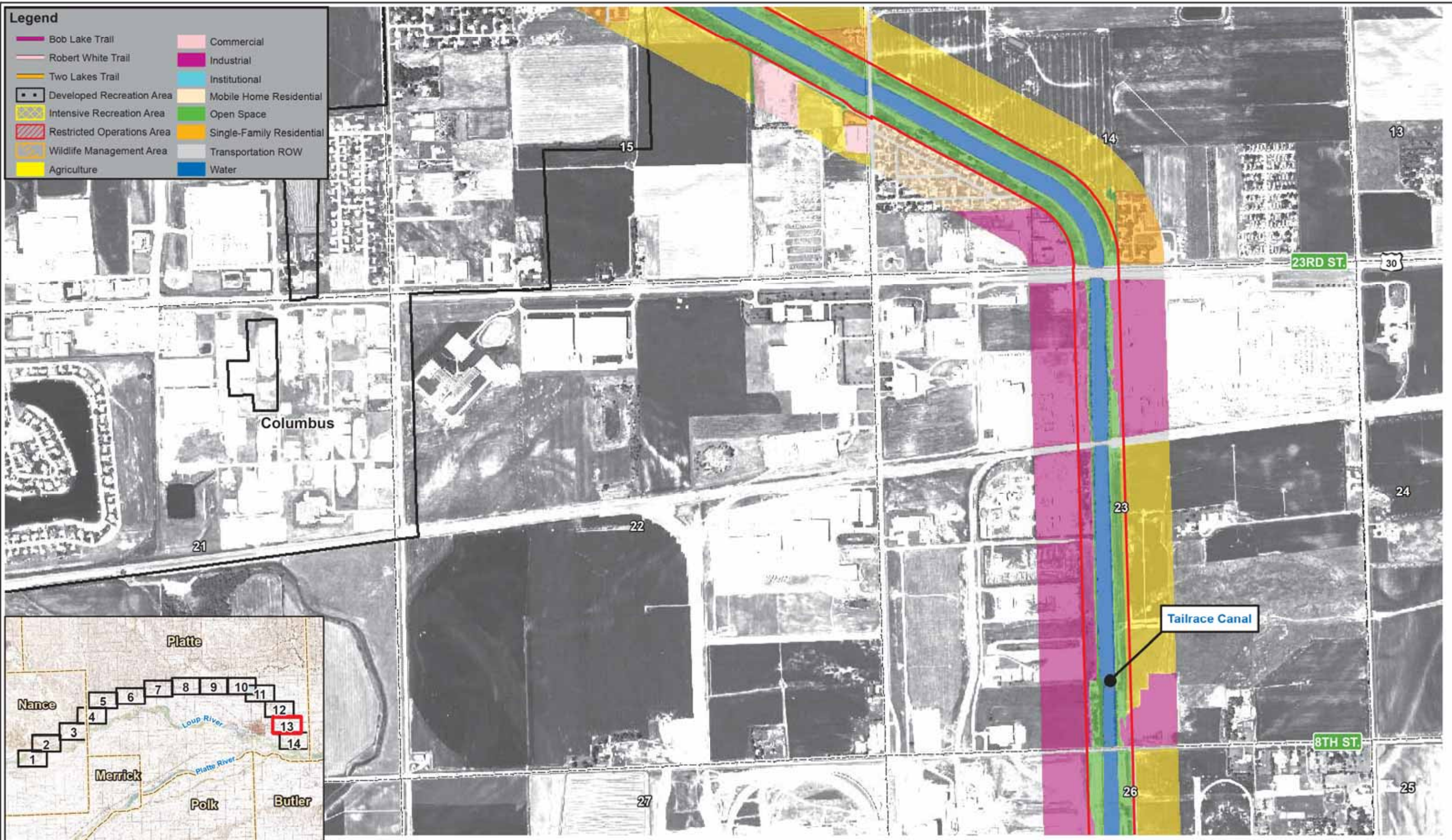
Loup River Hydroelectric Project  
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 Draft License Application

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Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

Legend			
	Bob Lake Trail		Commercial
	Robert White Trail		Industrial
	Two Lakes Trail		Institutional
	Developed Recreation Area		Mobile Home Residential
	Intensive Recreation Area		Open Space
	Restricted Operations Area		Single-Family Residential
	Wildlife Management Area		Transportation ROW
	Agriculture		Water

Legend	
	Project Boundary
	Corporate Limits
	County Line
	Section Line



### Existing Land Use

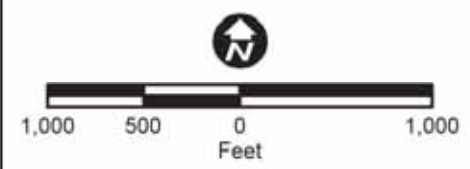
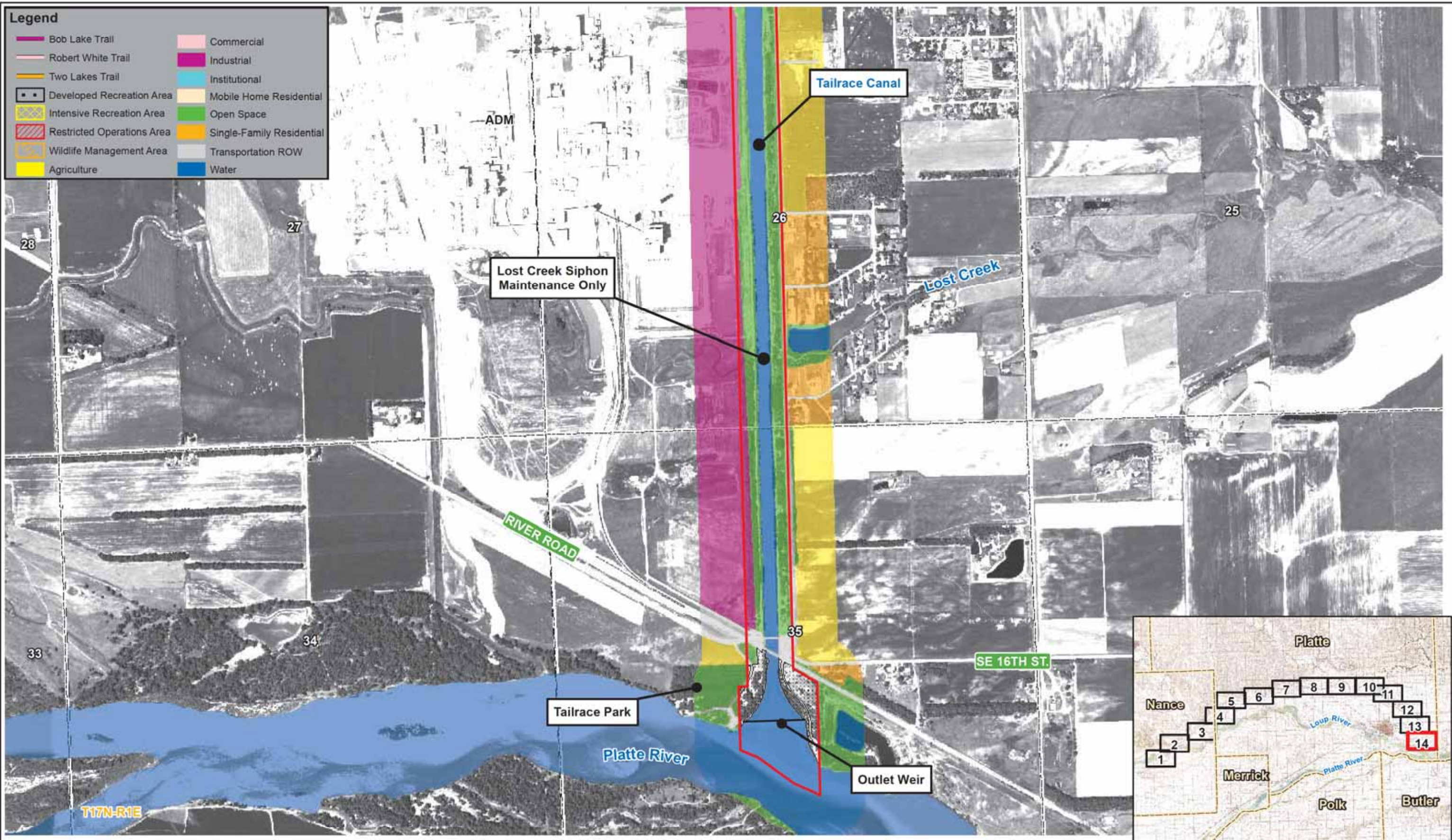
Loup River Hydroelectric Project  
 FERC Project No. 1256  
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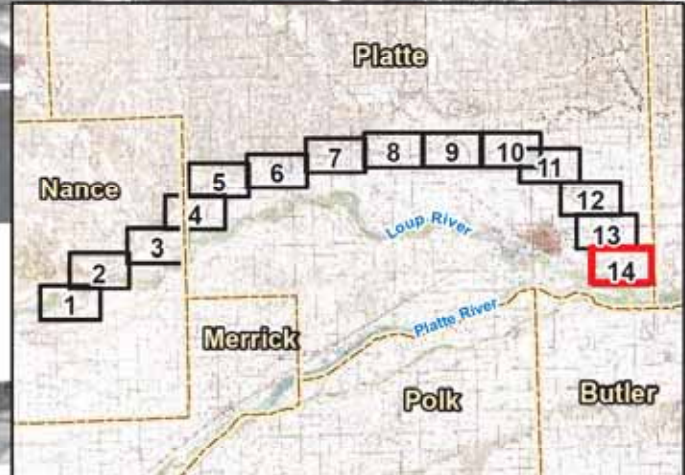
Aerial Imagery: 2009 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

- Legend**
- Project Boundary
  - Corporate Limits
  - County Line
  - Section Line



**Existing Land Use**

Loup River Hydroelectric Project  
 FERC Project No. 1256  
 Draft License Application

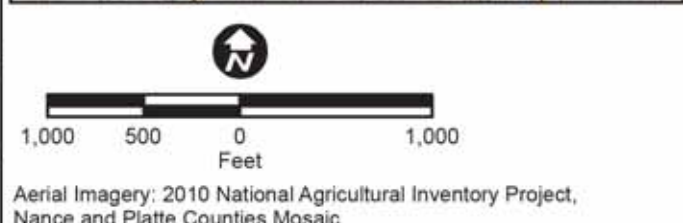
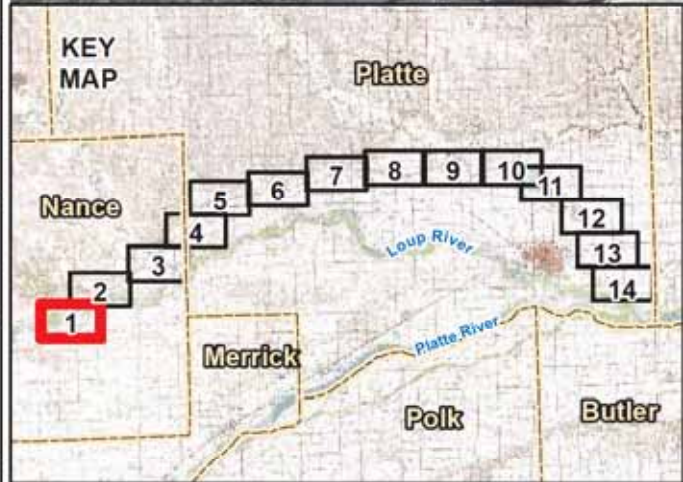
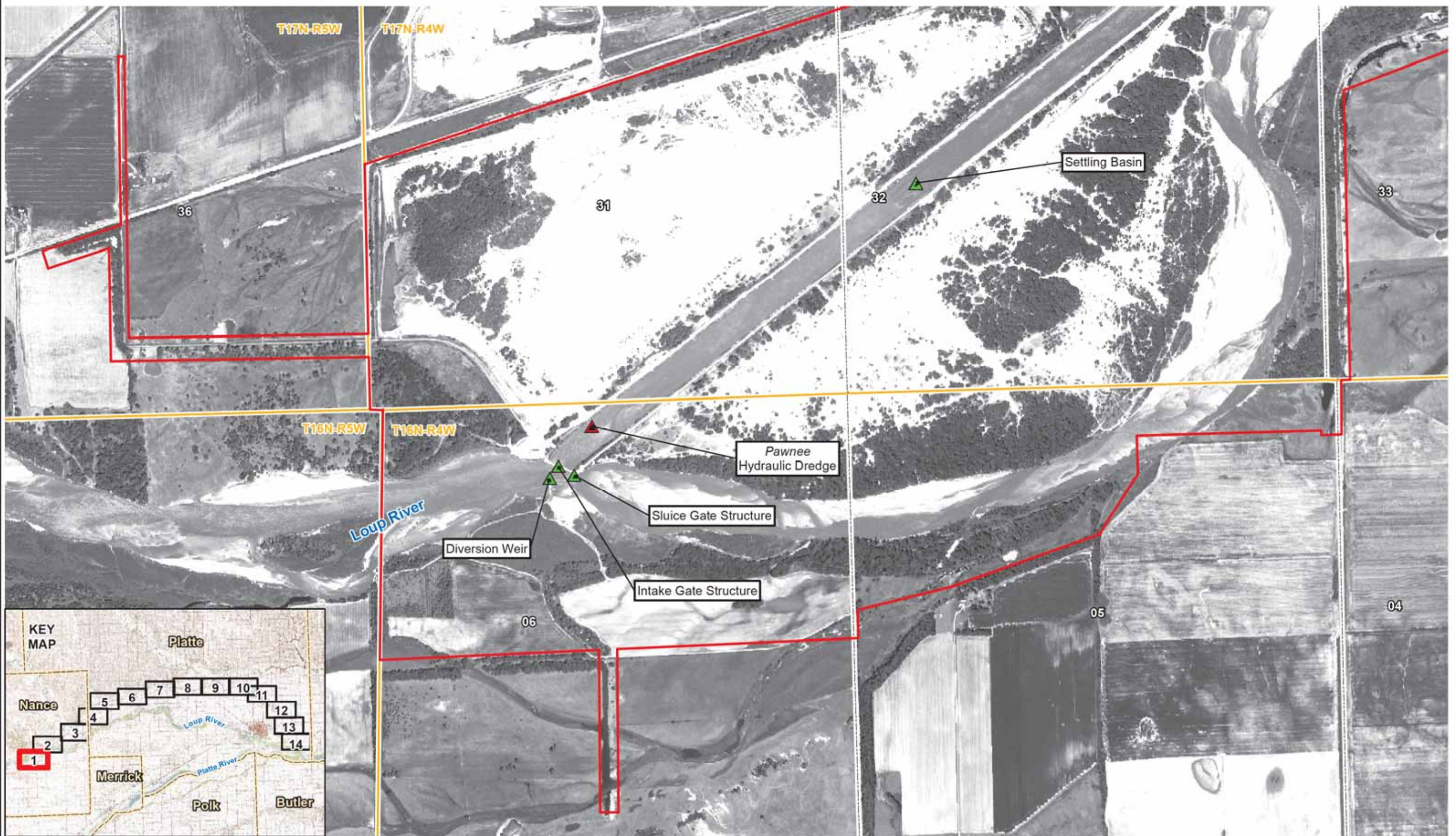


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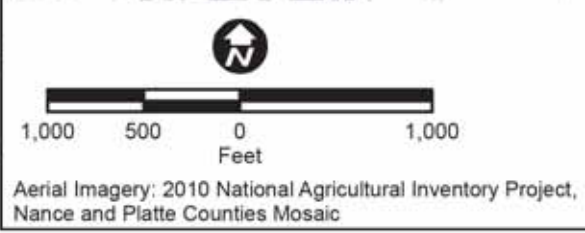
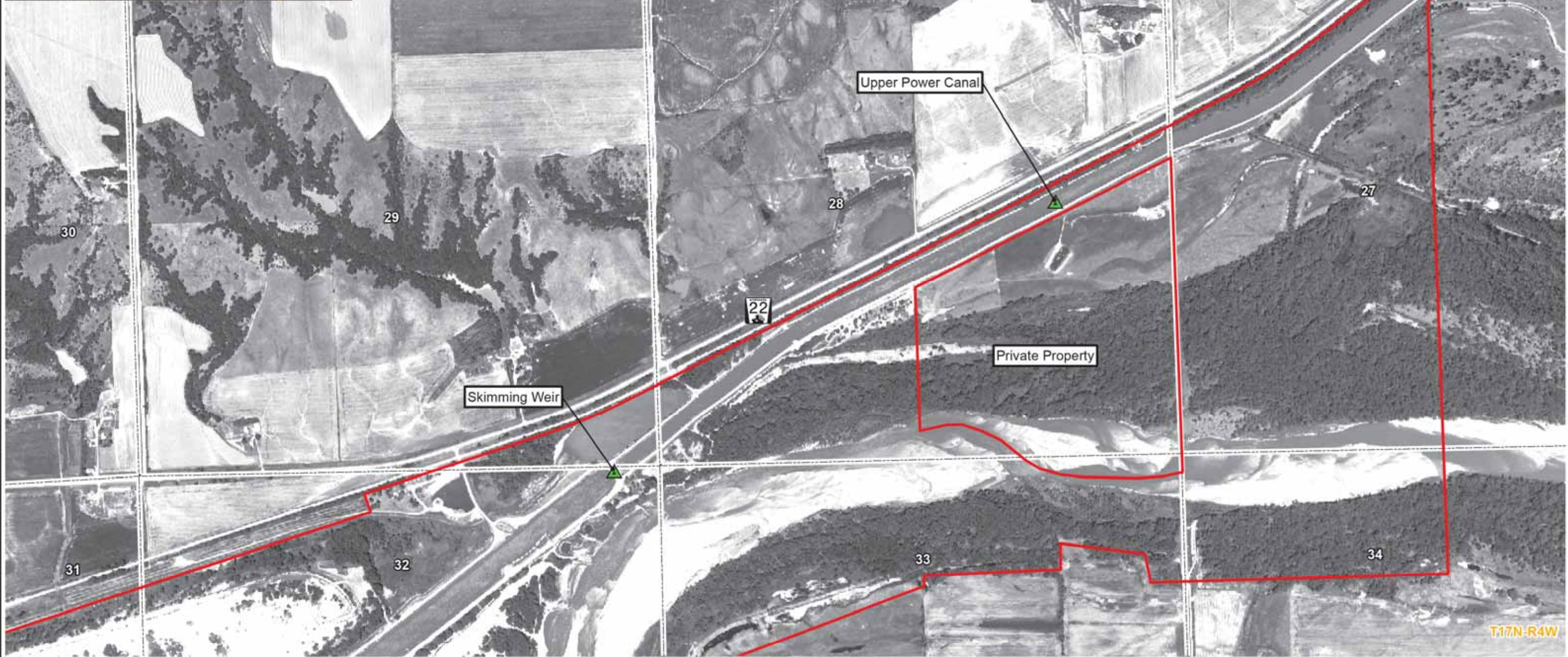
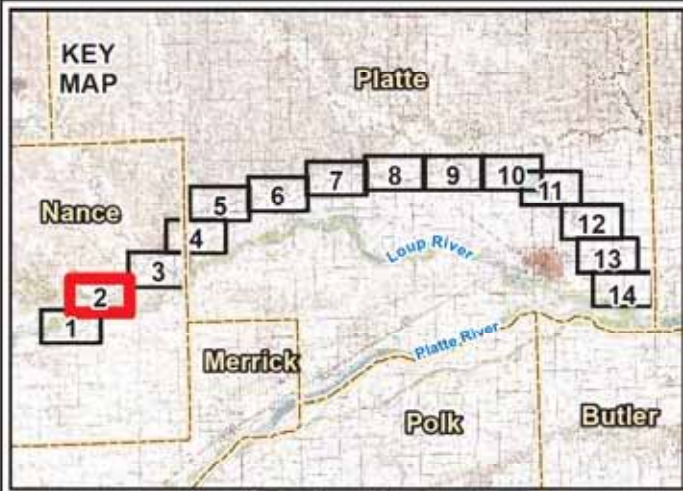
- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - Township/Range
  - County Line

- LPD Historic District**
- ▲ Contributing Structure Eligible
  - ▲ Key Object Individually Eligible
  - ▲ Key Structure Individually Eligible



<p><b>Historic Properties</b></p> <p>Loup River Hydroelectric Project          FERC Project No. 1256          Draft License Application</p>	<p>Sheet 1 of 14</p>	<p>DATE</p> <p>November 2011</p>
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- Legend**
- Project Boundary
  - Section Line
  - Corporate Limits
  - Township/Range
  - County Line
- LPD Historic District**
- ▲ Contributing Structure Eligible
  - ▲ Key Object Individually Eligible
  - ▲ Key Structure Individually Eligible



**Historic Properties**

Loup River Hydroelectric Project  
FERC Project No. 1256  
Draft License Application

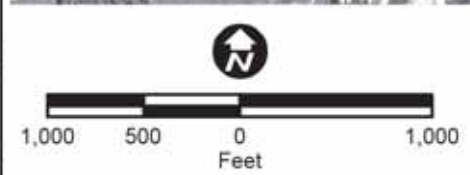
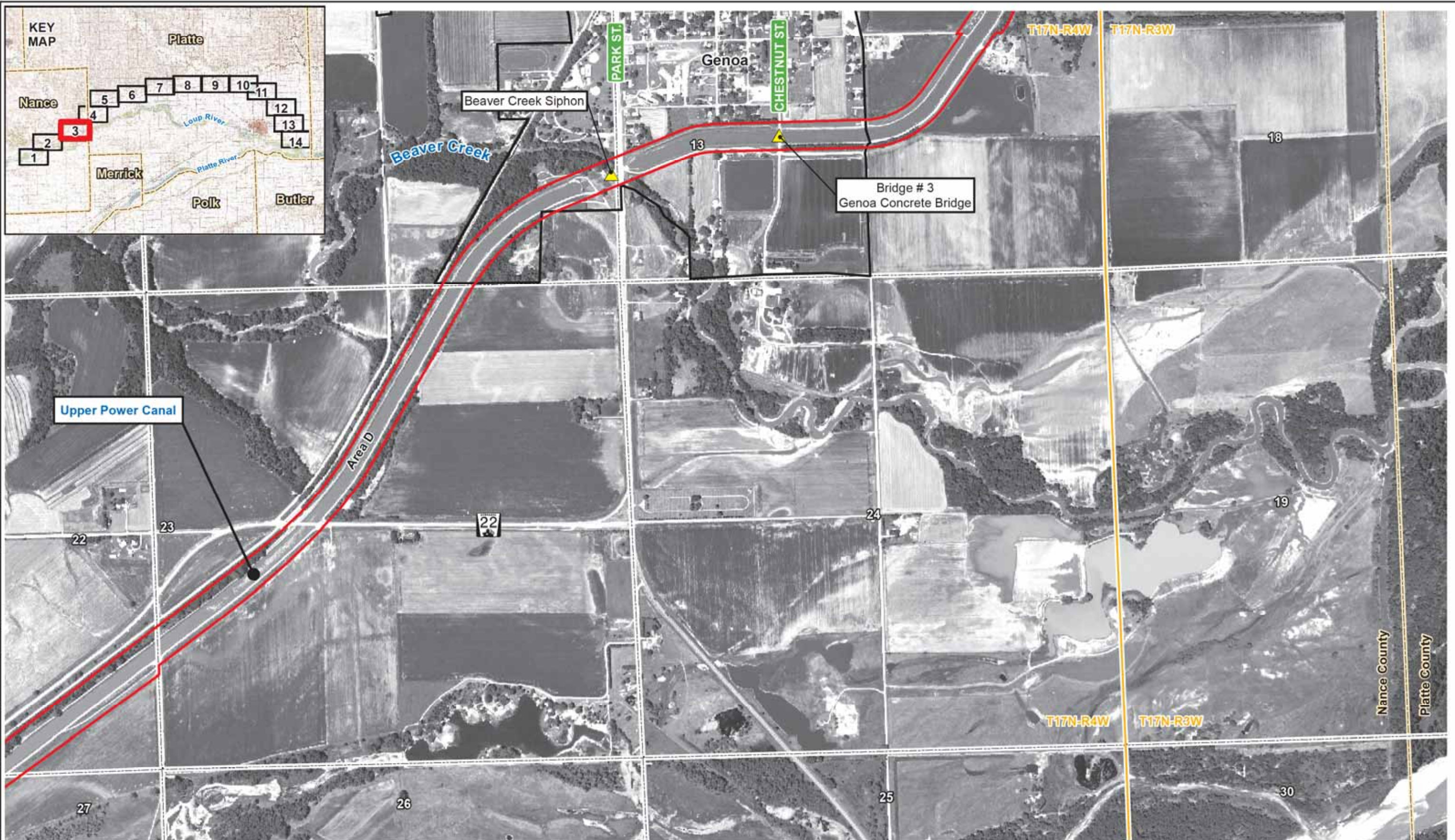
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Aerial Imagery: 2010 National Agricultural Inventory Project, Nance and Platte Counties Mosaic

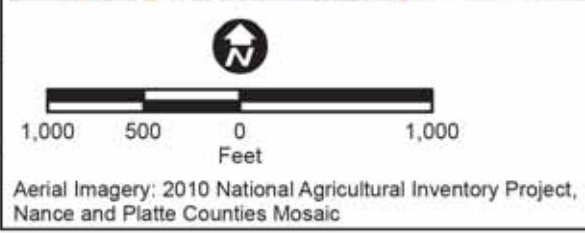
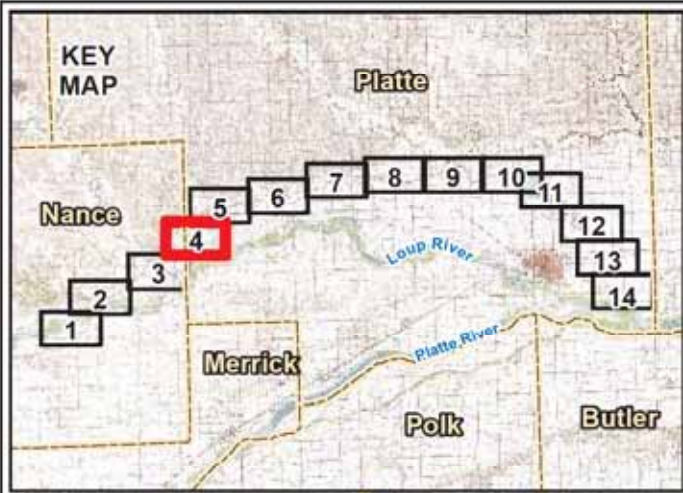
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- Project Boundary
  - Section Line
  - Corporate Limits
  - Township/Range
  - County Line

- LPD Historic District**
- ▲ Contributing Structure Eligible
  - ▲ Key Object Individually Eligible
  - ▲ Key Structure Individually Eligible



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**Historic Properties**

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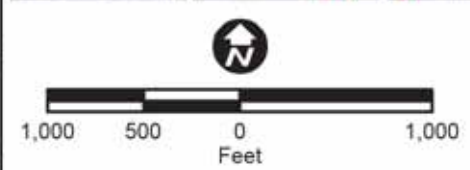
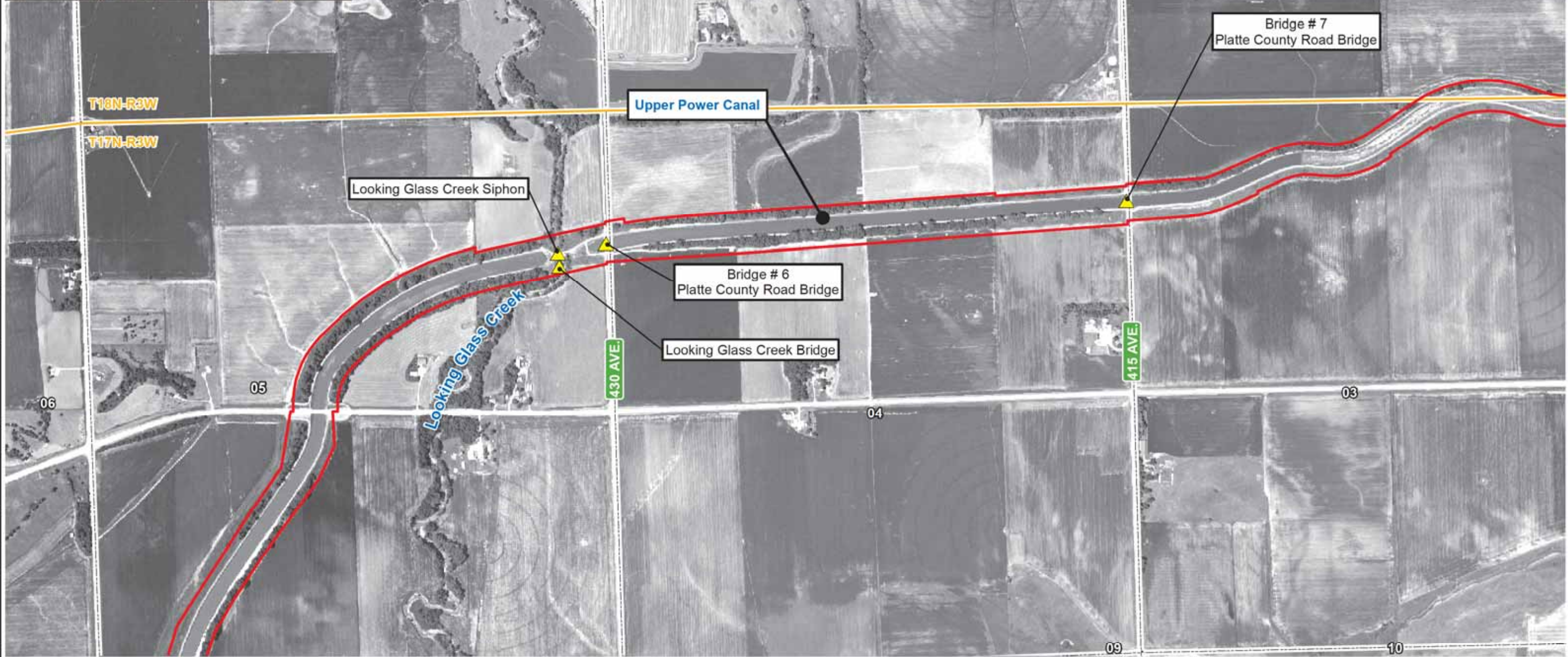
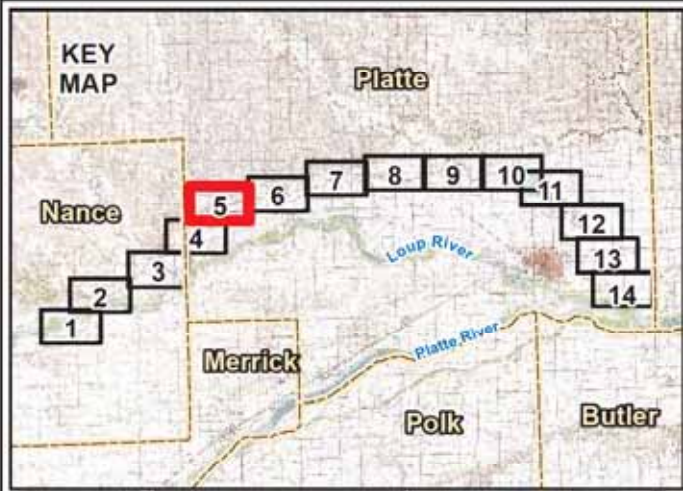
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**Historic Properties**

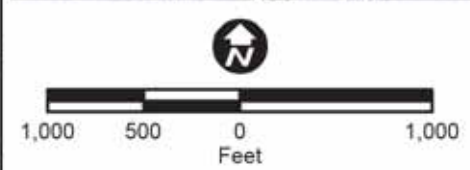
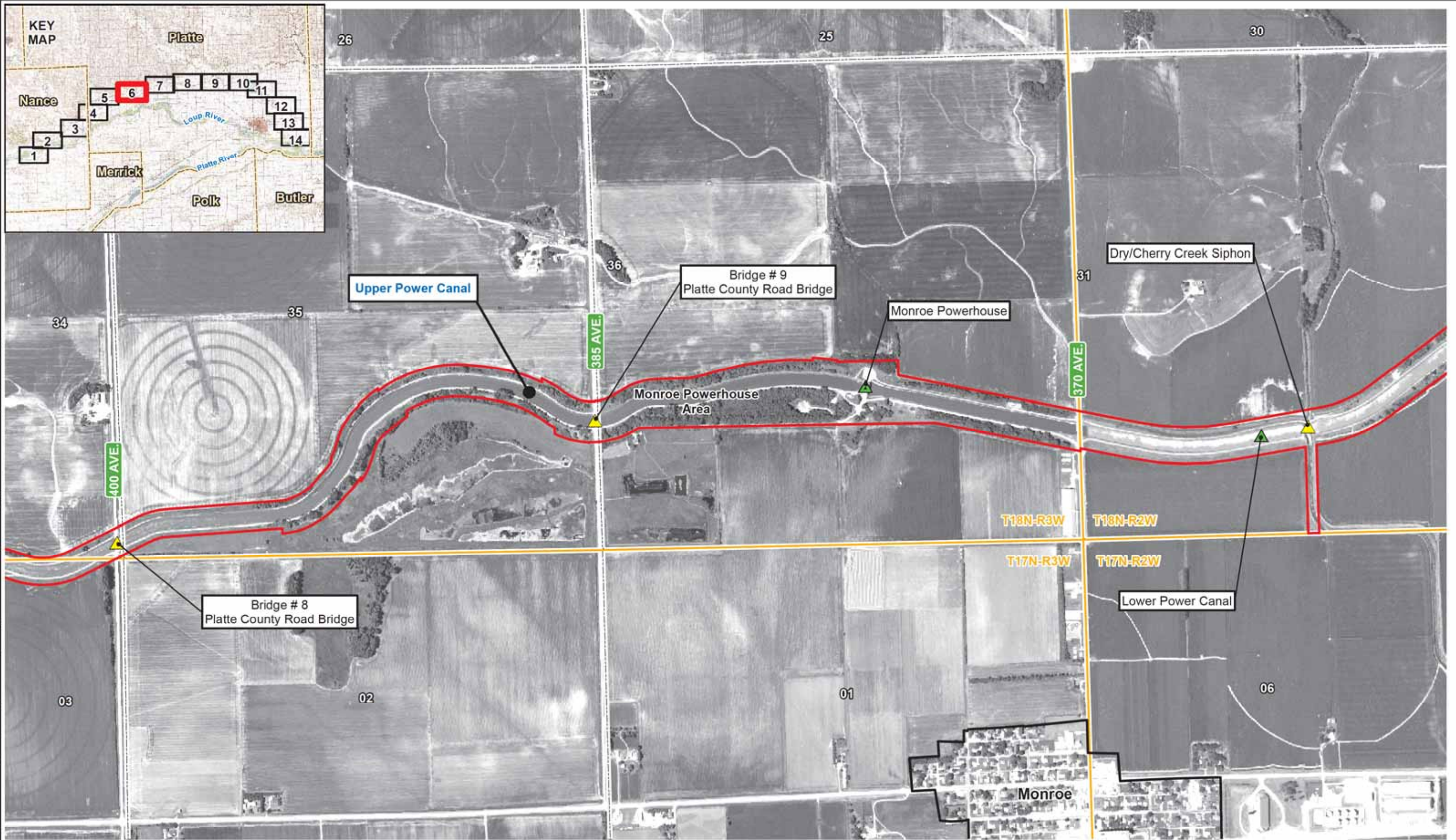
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**Historic Properties**

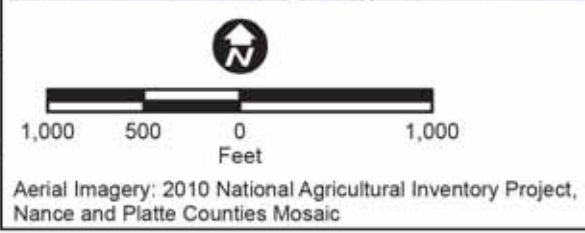
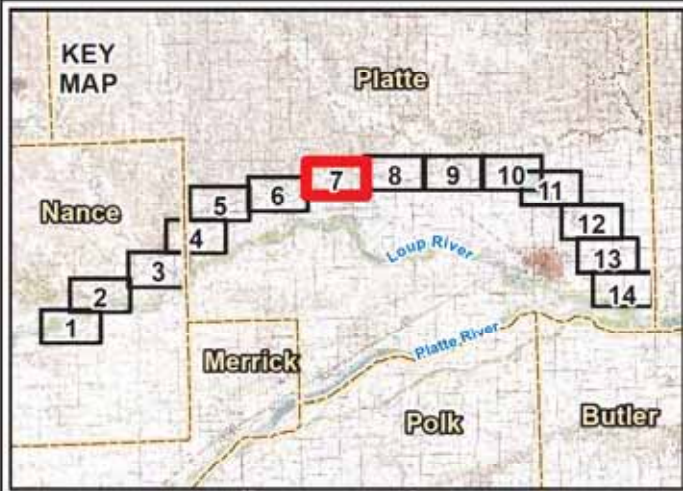
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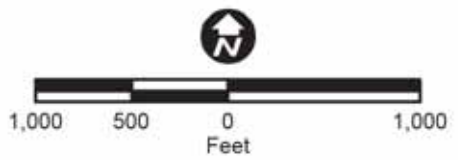
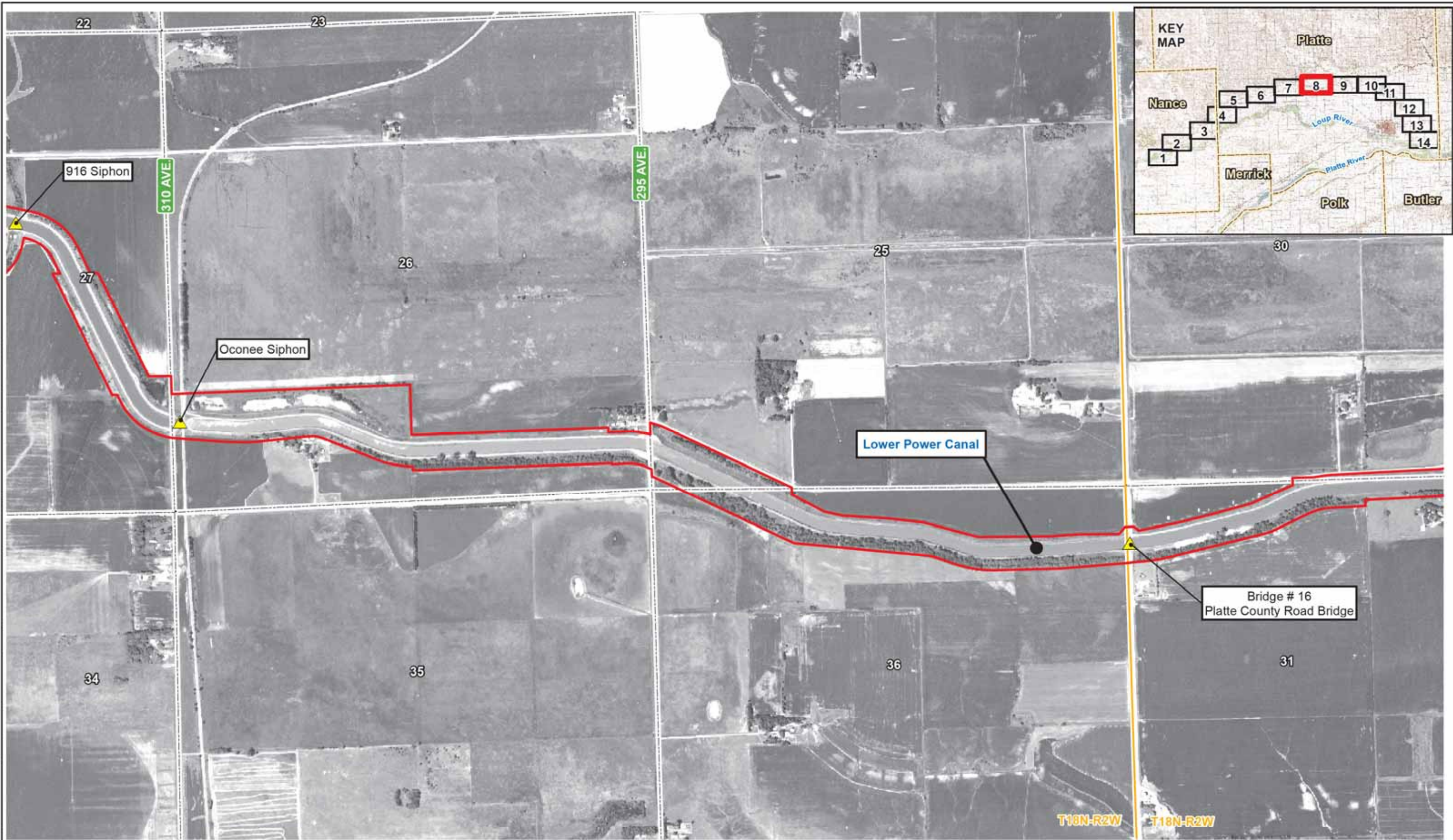
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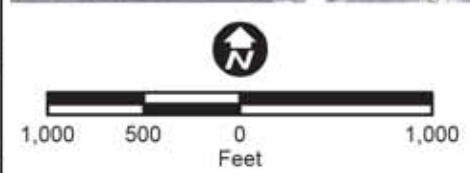
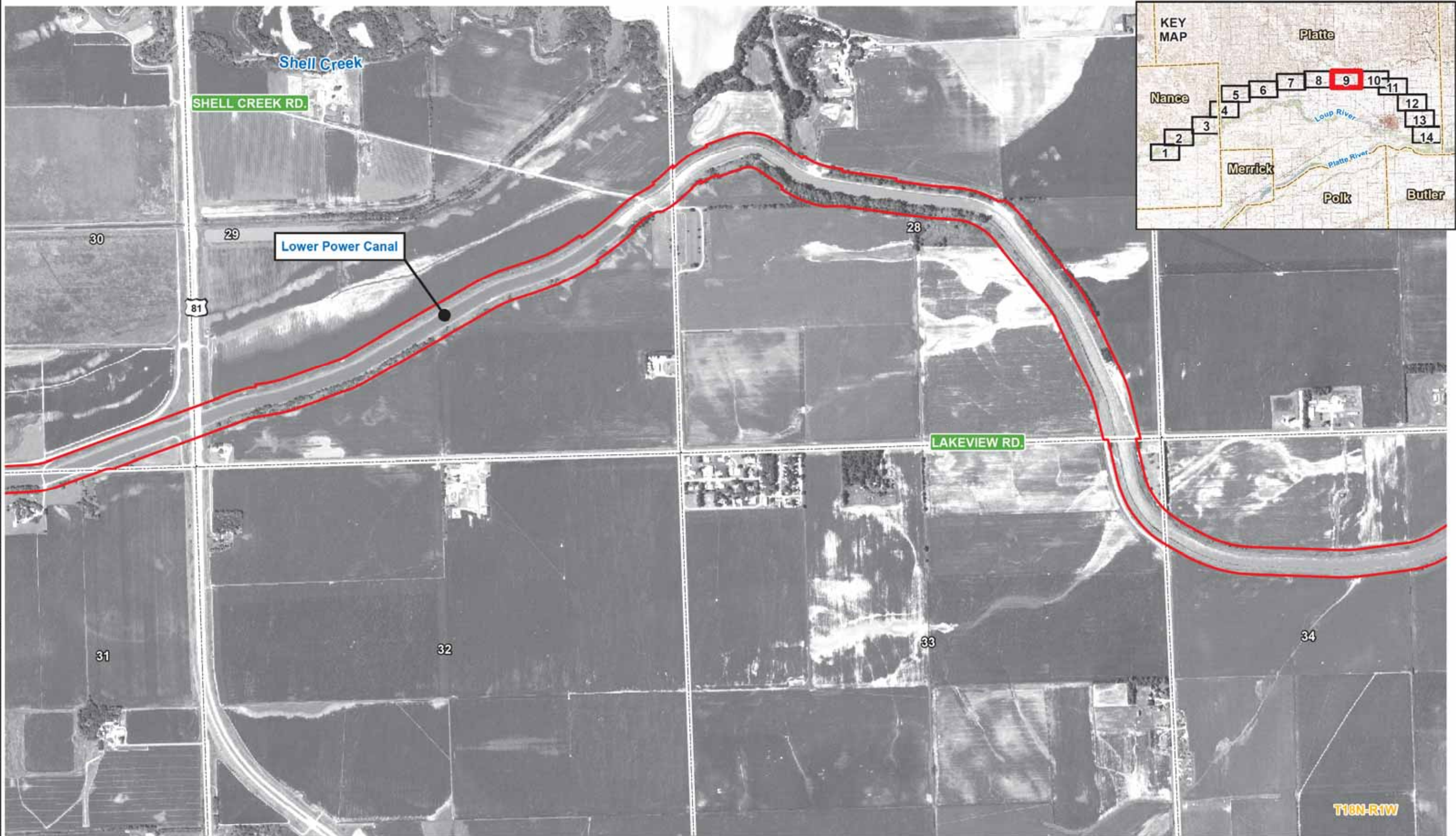
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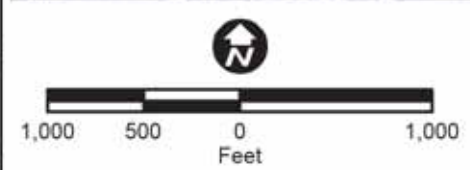


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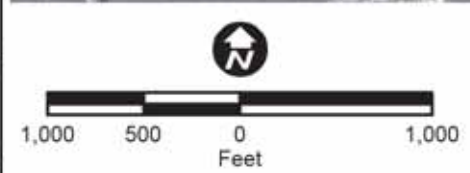
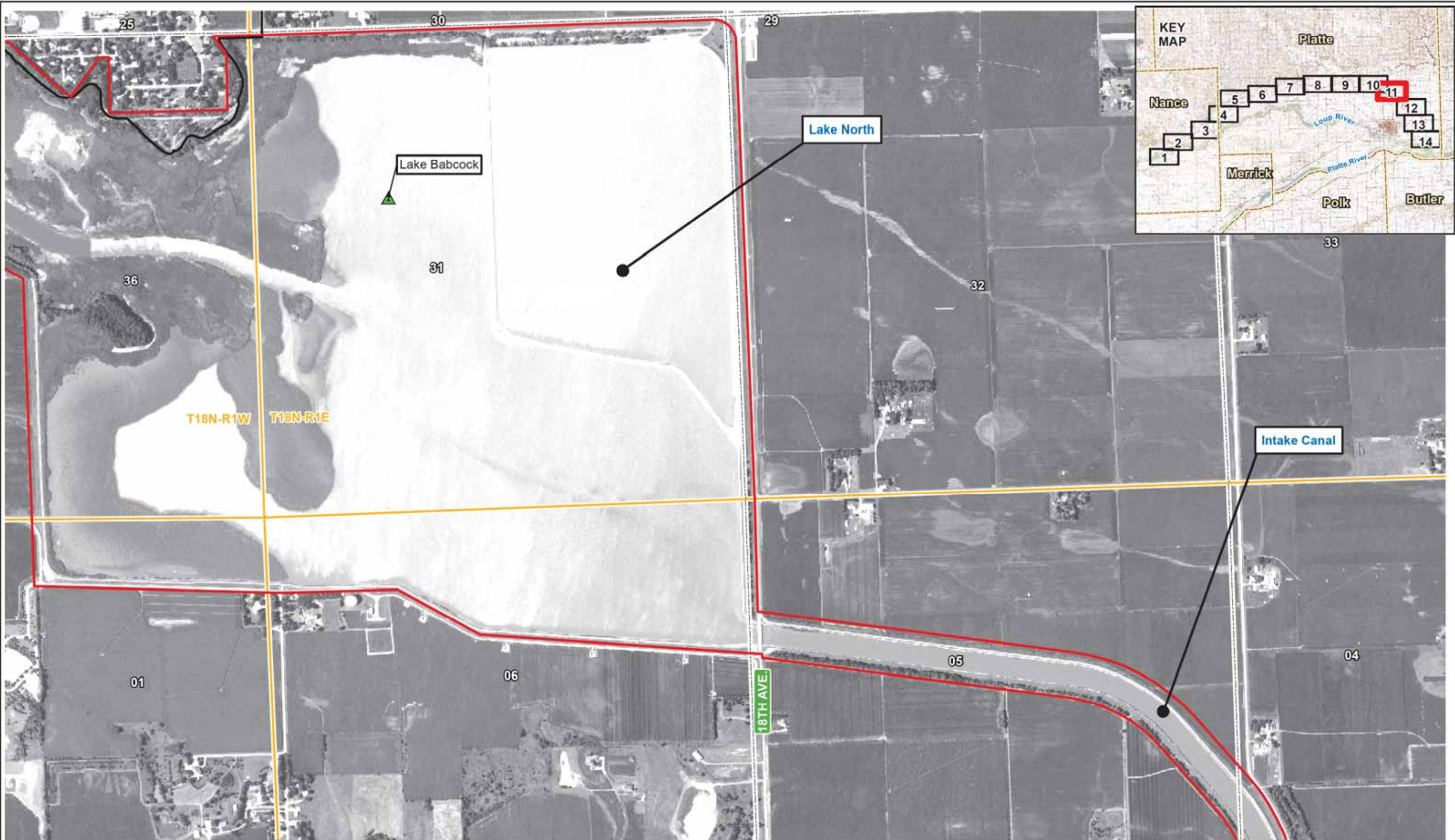
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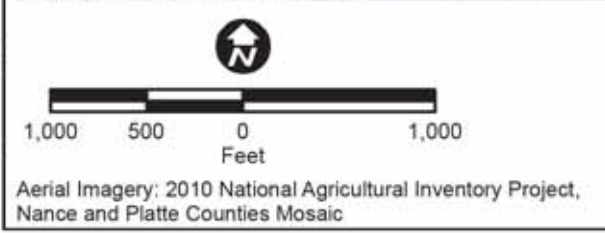
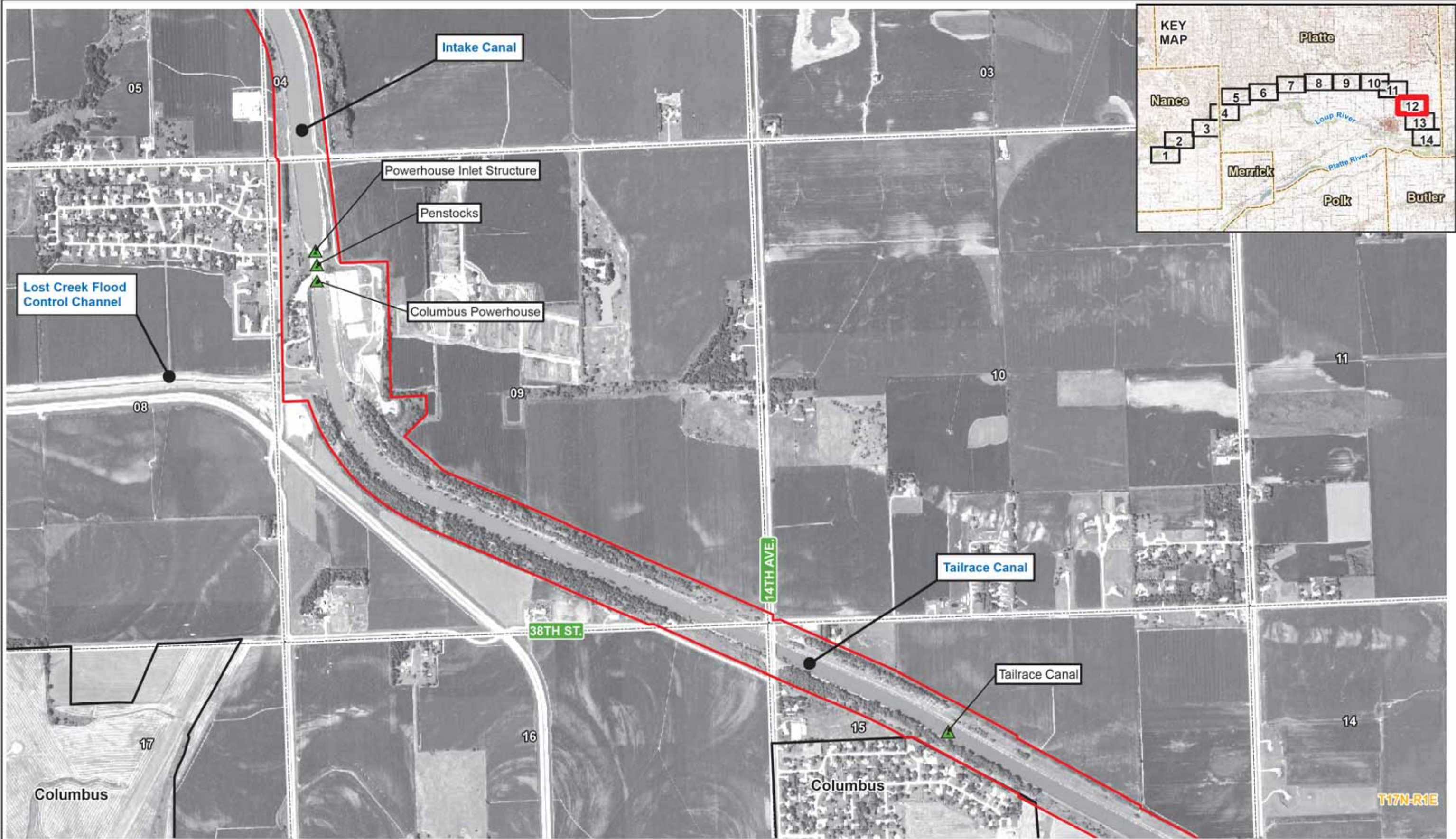
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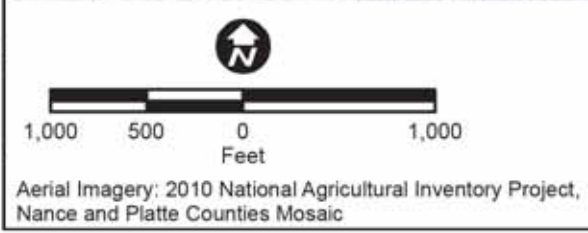
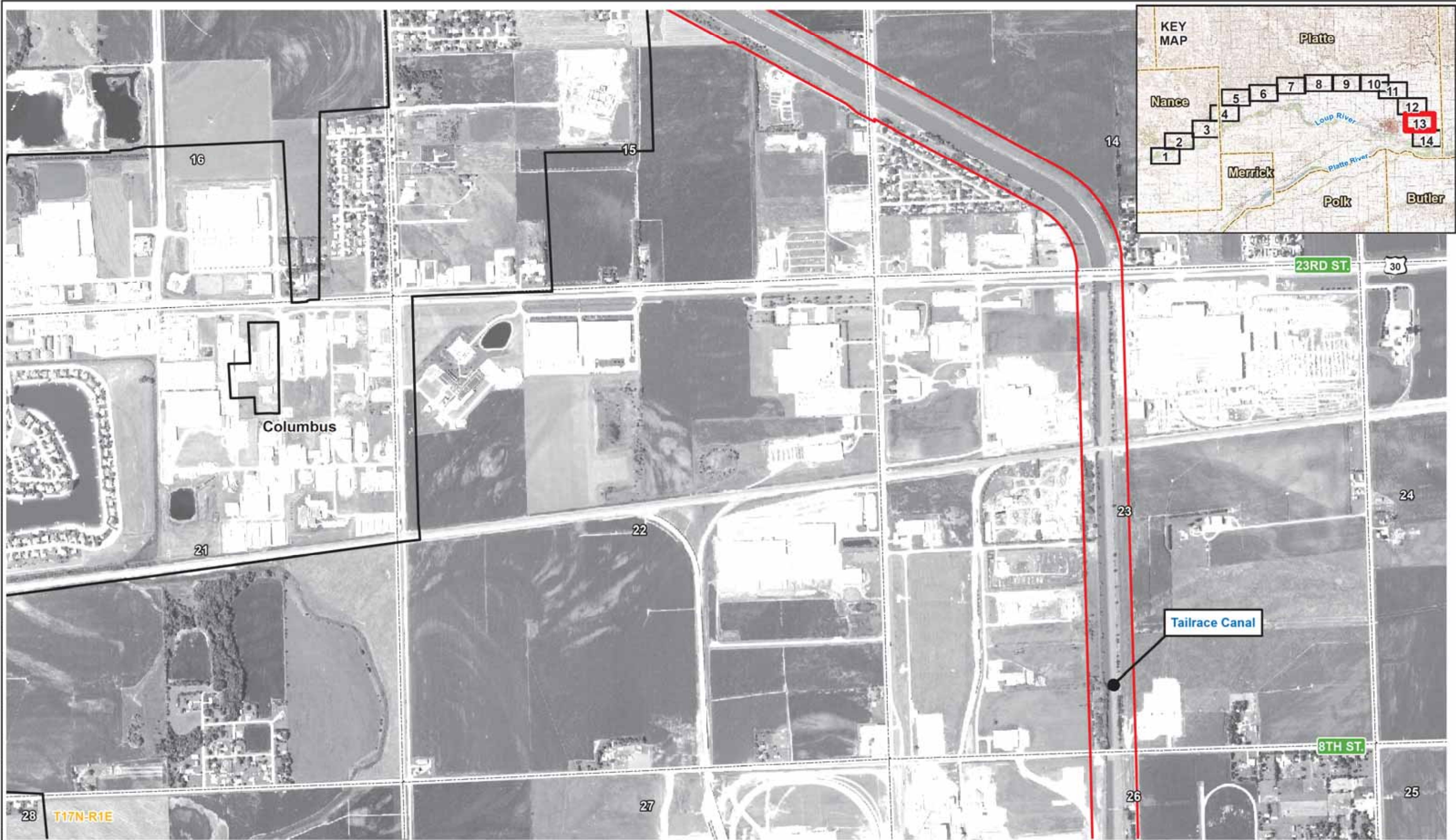


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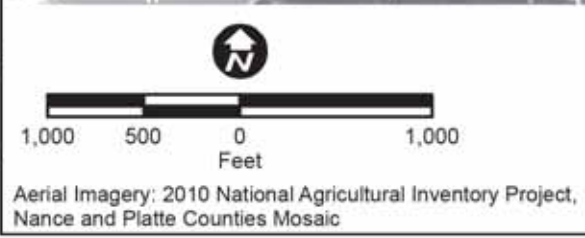
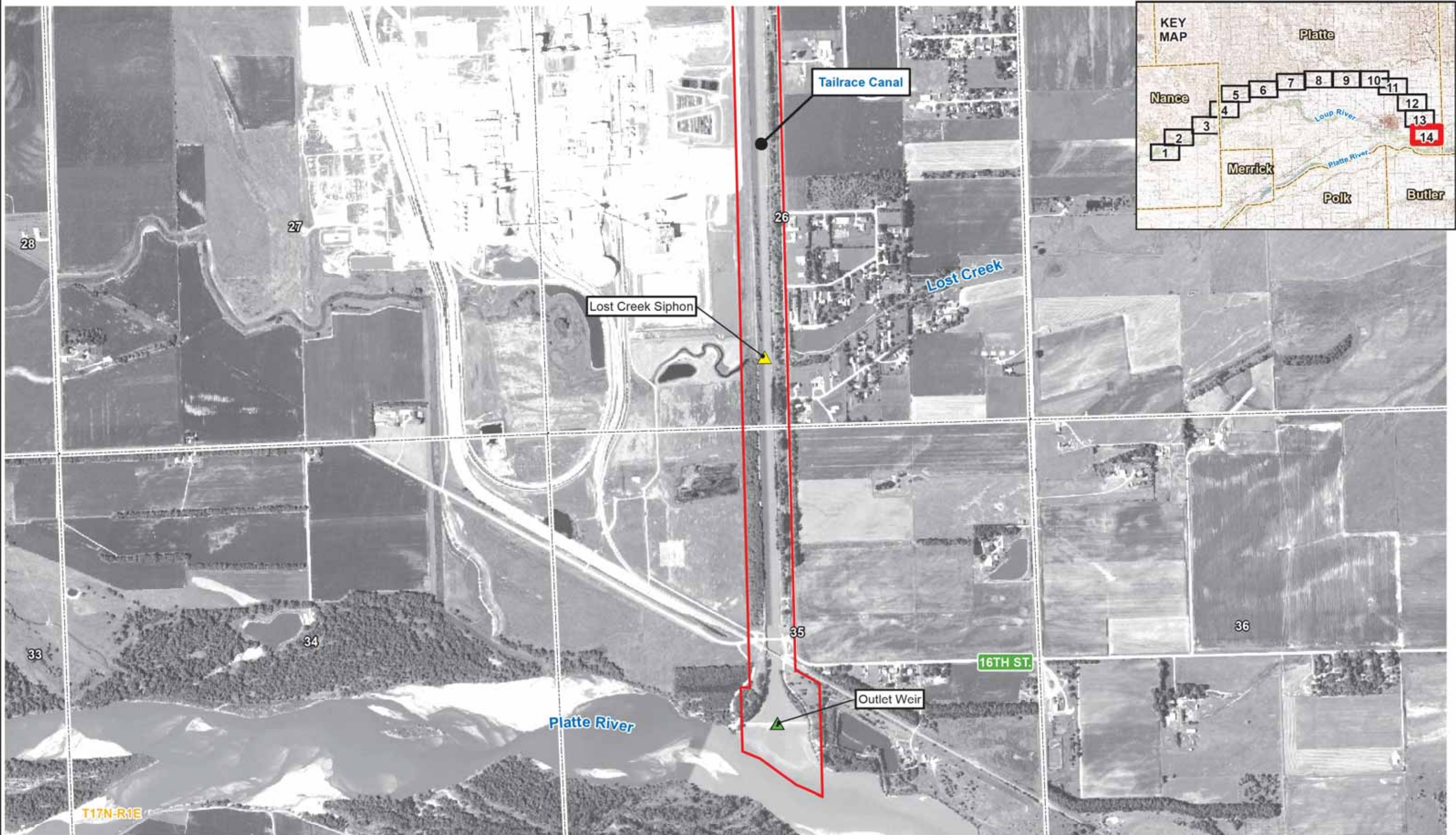


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