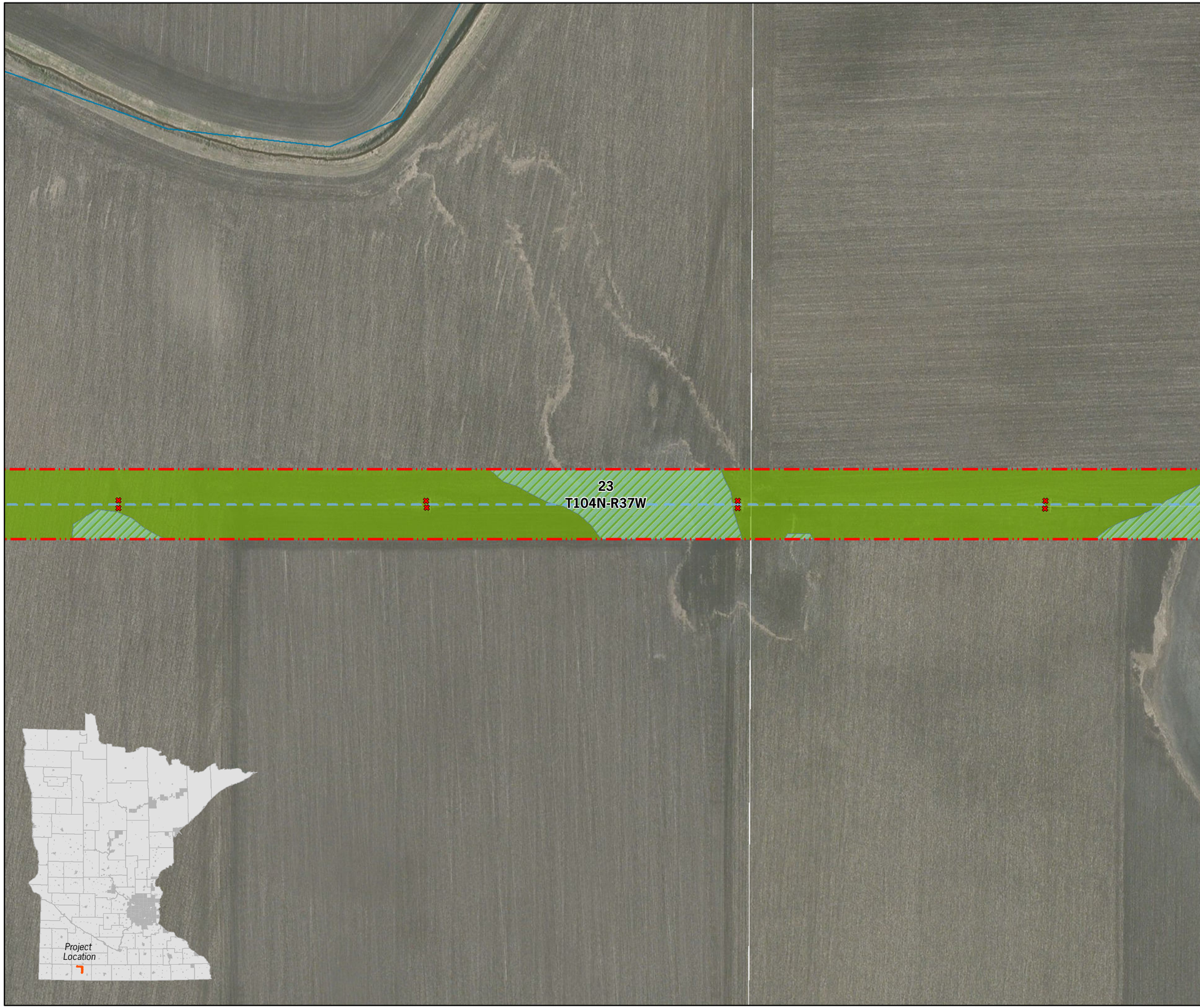
Heron Lake 161/69kV T-Line Rebuild Project



- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

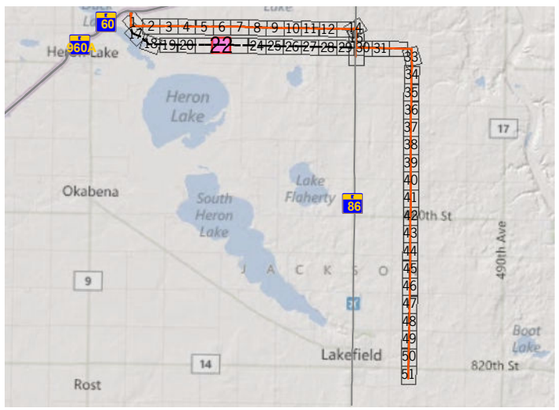
Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
- FCC Structure
- MCBS Railroad ROW PRairies
- MCBS Sites of Biodiversity Sign.
- NWI Wetland
- BWSE RIM Master Easement
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

Landuse

- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 22

Heron Lake 161/69kV T-Line Rebuild Project

- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

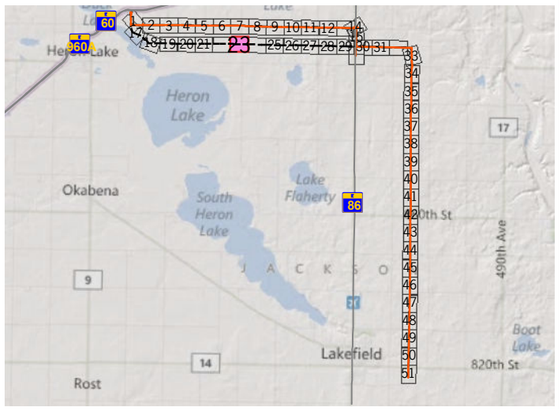
Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
- FCC Structure
- MCBS Railroad ROW PRairies
- MCBS Sites of Biodiversity Sign.
- NWI Wetland
- BWSE RIM Master Easement
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

Landuse

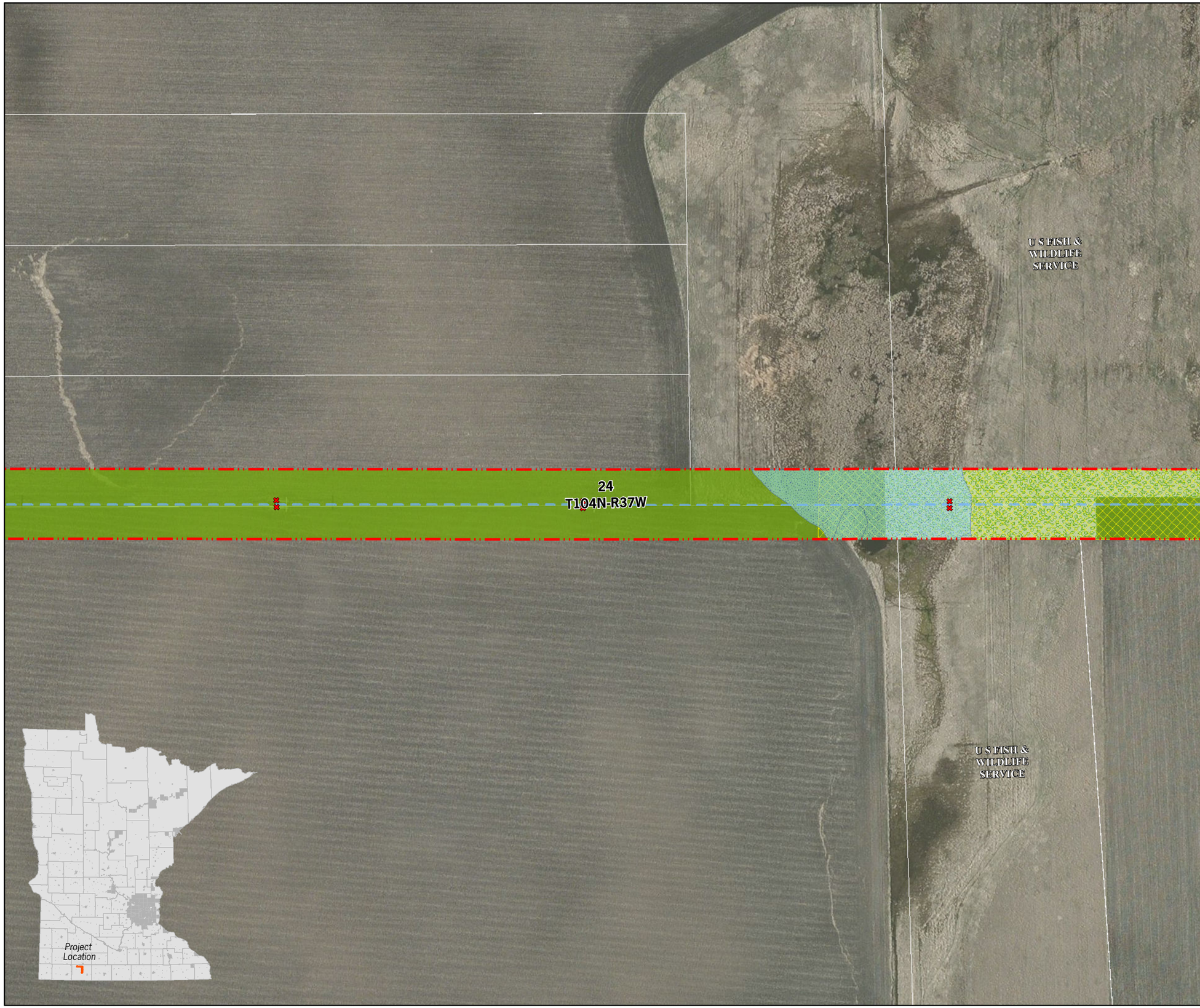
- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 23

Heron Lake 161/69kV T-Line Rebuild Project



- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

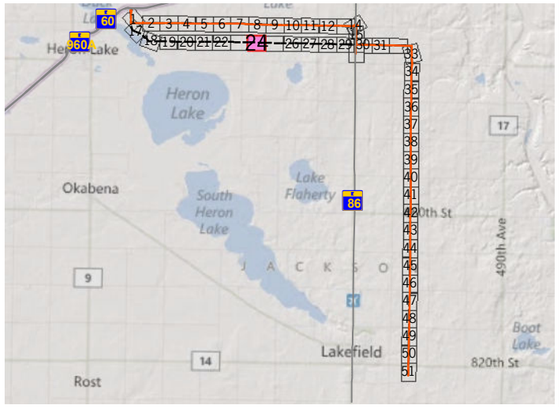
Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
- FCC Structure
- MCBS Railroad ROW PRairies
- MCBS Sites of Biodiversity Sign.
- NWI Wetland
- BWSE RIM Master Easement
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

Landuse

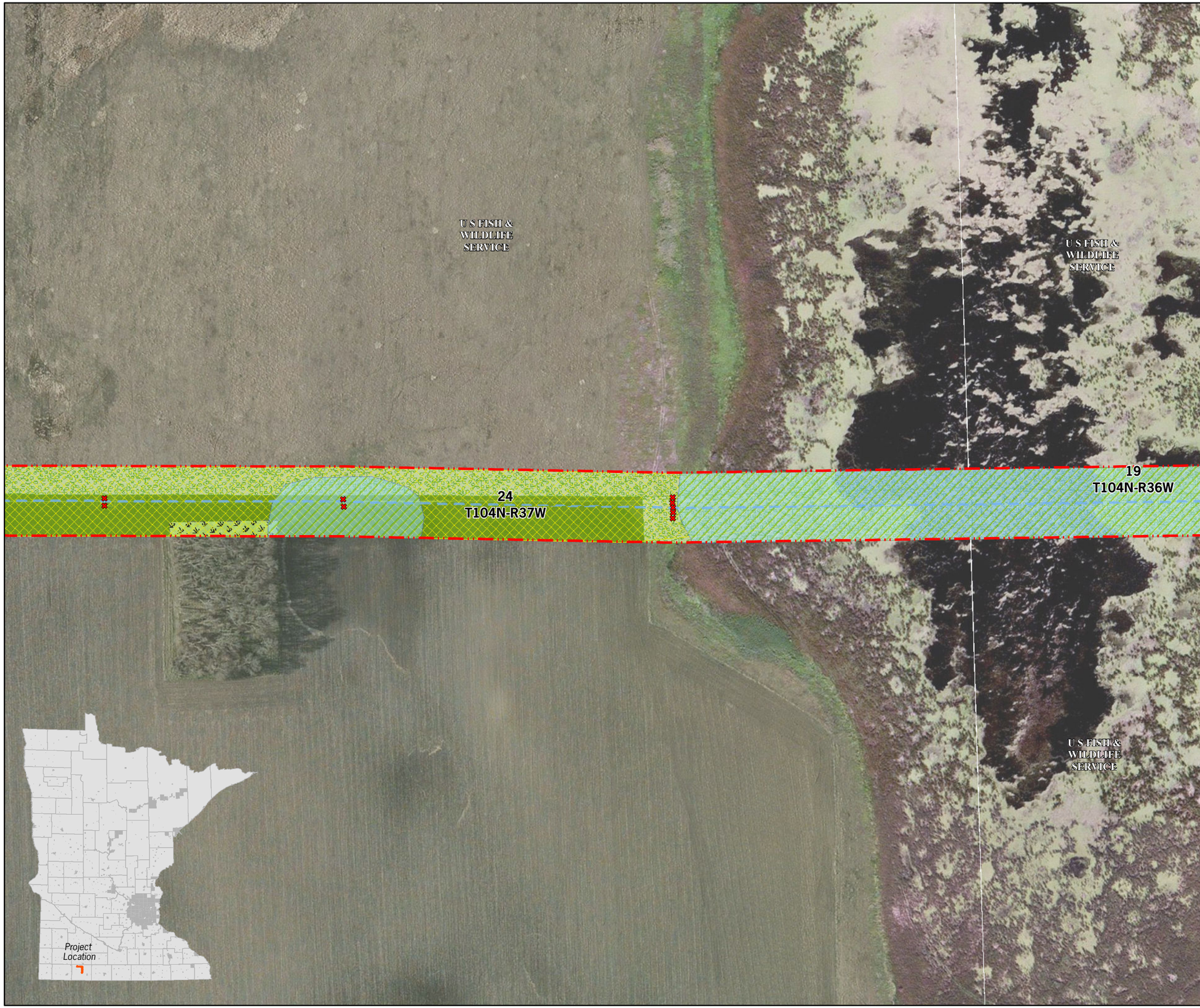
- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 24

Heron Lake 161/69kV T-Line Rebuild Project



- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

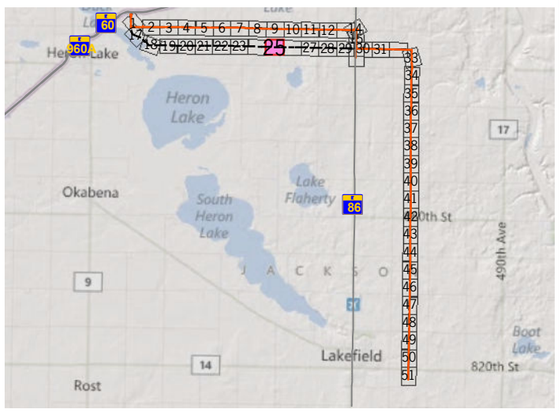
Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
- FCC Structure
- MCBS Railroad ROW PRairies
- MCBS Sites of Biodiversity Sign.
- NWI Wetland
- BWSE RIM Master Easement
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

Landuse

- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 25

Heron Lake 161/69kV T-Line Rebuild Project

- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

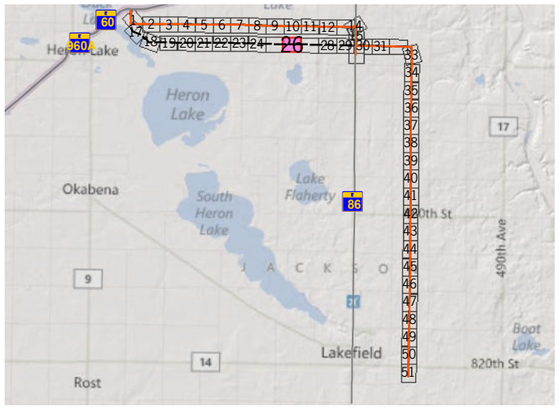
Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
- FCC Structure
- MCBS Railroad ROW PRairies
- MCBS Sites of Biodiversity Sign.
- NWI Wetland
- BWSE RIM Master Easement
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

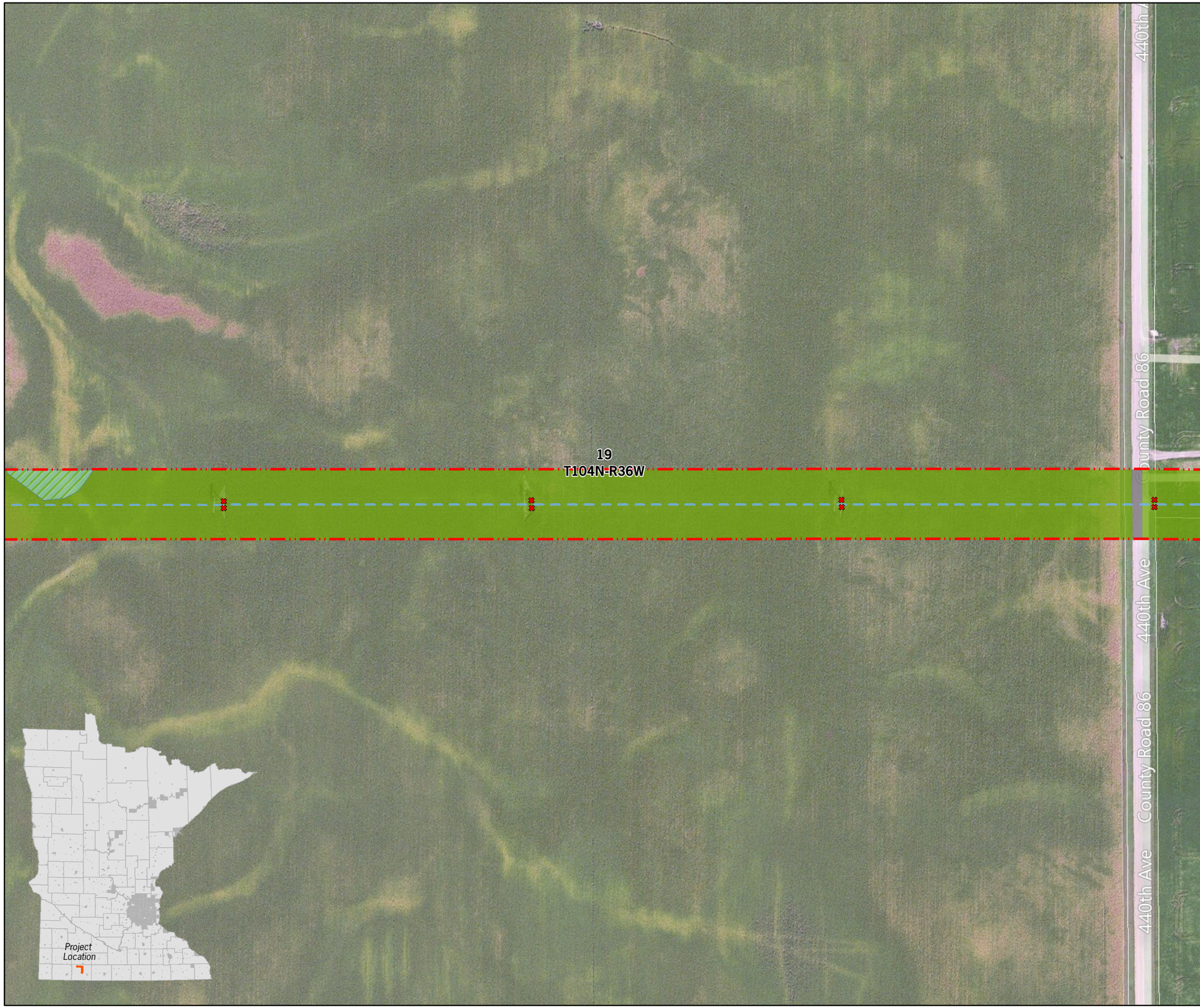
Landuse

- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 26



Heron Lake 161/69kV T-Line Rebuild Project

- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

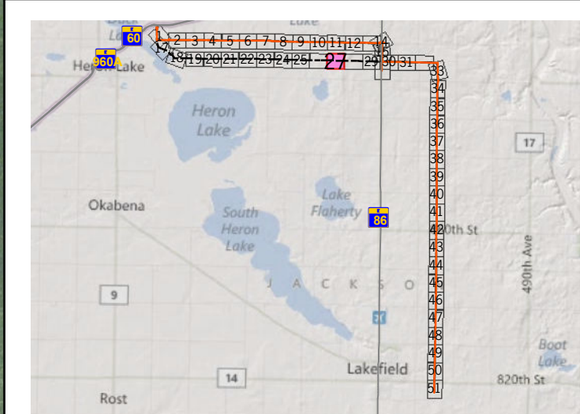
Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
- FCC Structure
- MCBS Railroad ROW PRairies
- MCBS Sites of Biodiversity Sign.
- NWI Wetland
- BWSE RIM Master Easement
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

Landuse

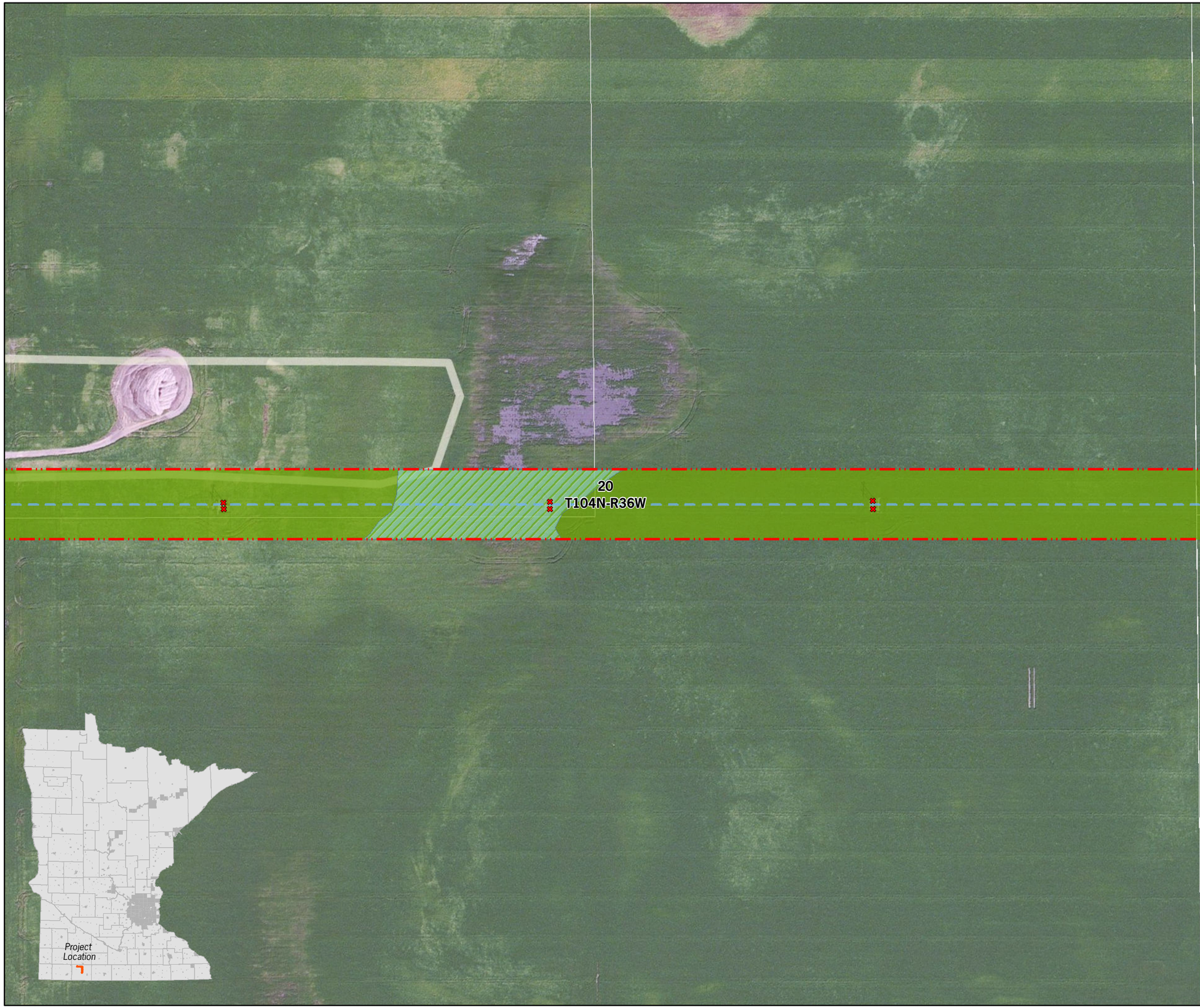
- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 27

Heron Lake 161/69kV T-Line Rebuild Project



- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
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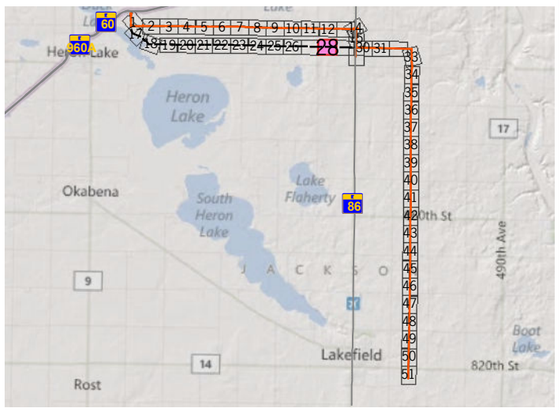
- Restorable Wetland
- USFWS WPA Easement
- Wildlife Management Area
- Archaelogical Site Location

Landuse

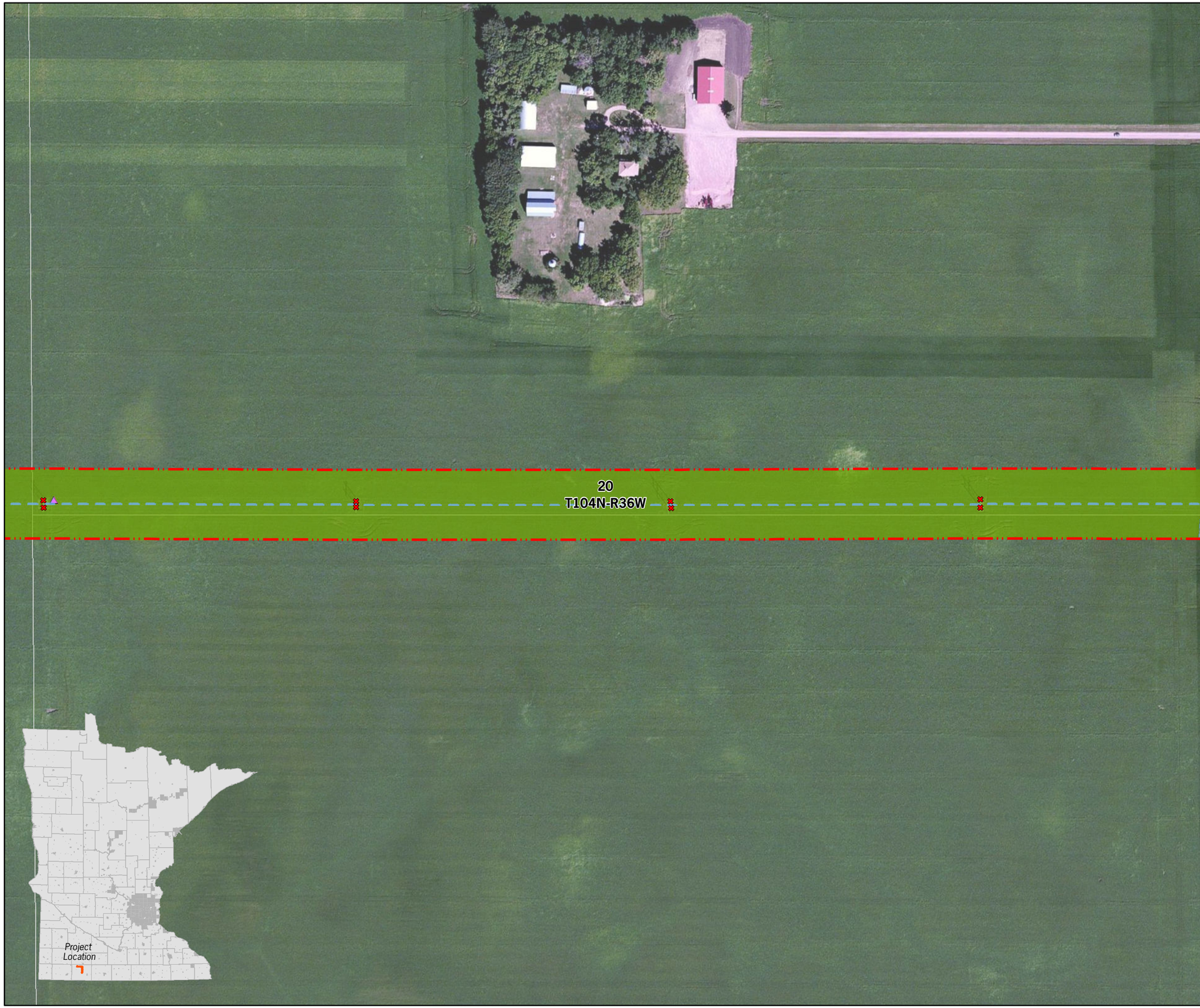
- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

Path: O:\Projects\2011\11.01330\GIS\11x17_HeronLake_161_61kVRebuild.mxd 1 inch = 200 feet



Ulteig ITC 28

Heron Lake 161/69kV T-Line Rebuild Project



- Structures
- Structures (Existing)
- Removed Poles
- Area of Potential Effect (150')

Heron Lake 161/69kV T-Line Rebuild

- Double-Circuit 161/69kV
- Single-Circuit 161kV
- Single-Circuit 69kV
- Area of Potential Effect (Removed)

Centerline (Removed)

- 161/69kV
- 161kV
- 69kV

Water Wells

- Unlocated
- Located
- Non Residential Structure
- Residential Structure

Stream Crossing

- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
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- Archaelogical Site Location

Landuse

- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
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- Water
- Road

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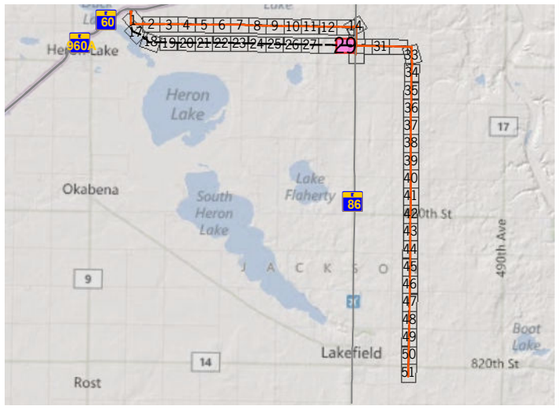

Ulteig ITC 29