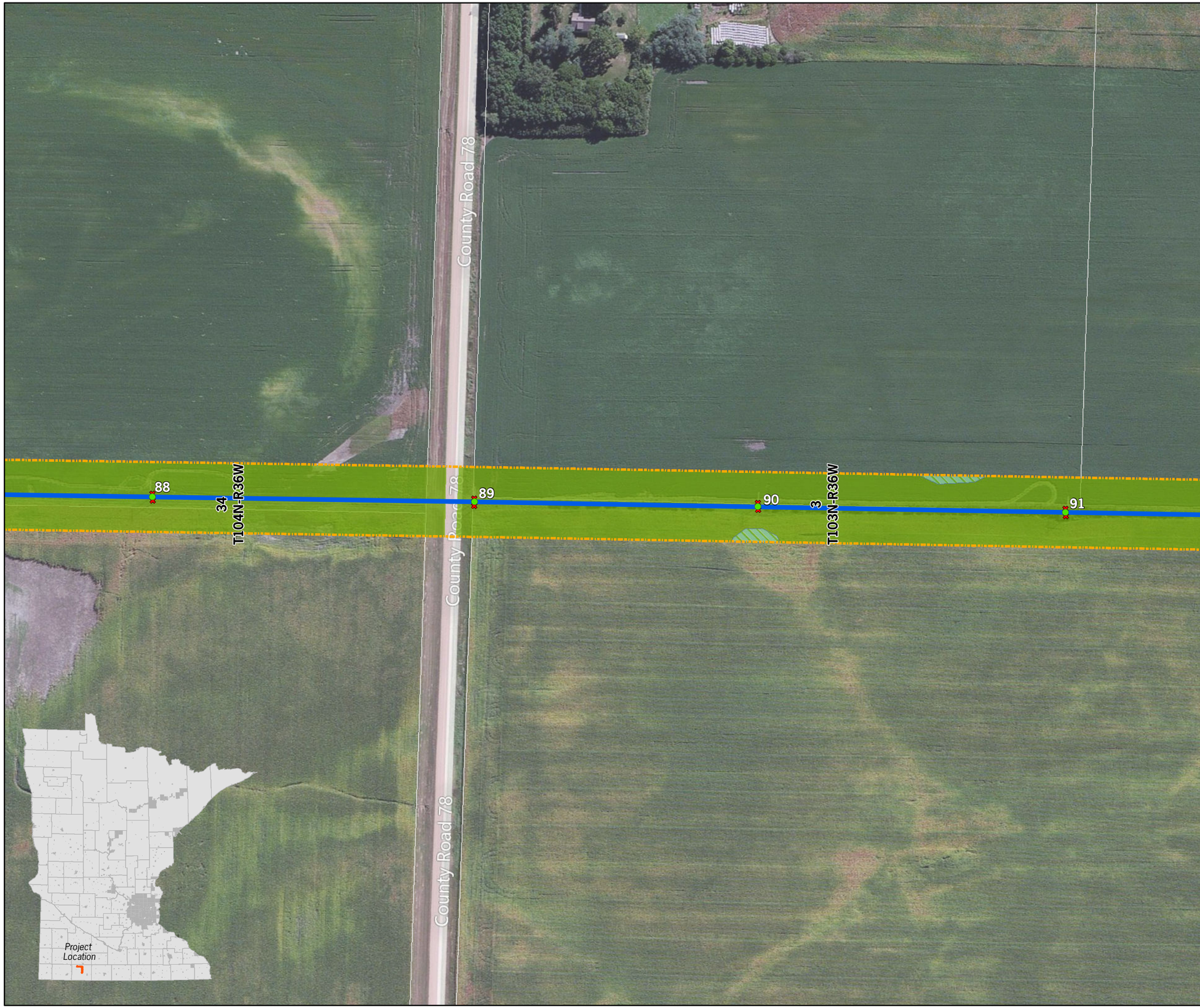
Heron Lake 161/69kV T-Line Rebuild Project



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)

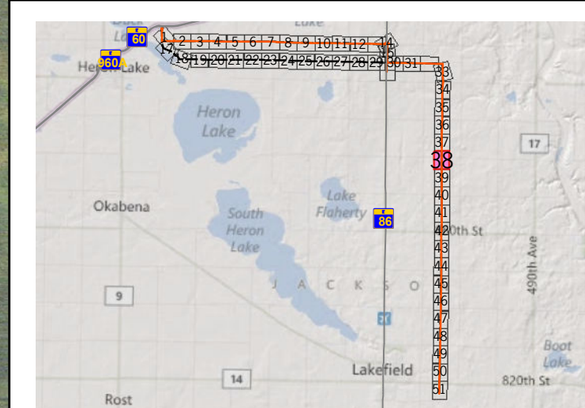
Centerline (Removed)
161/69kV
161kV
69kV

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



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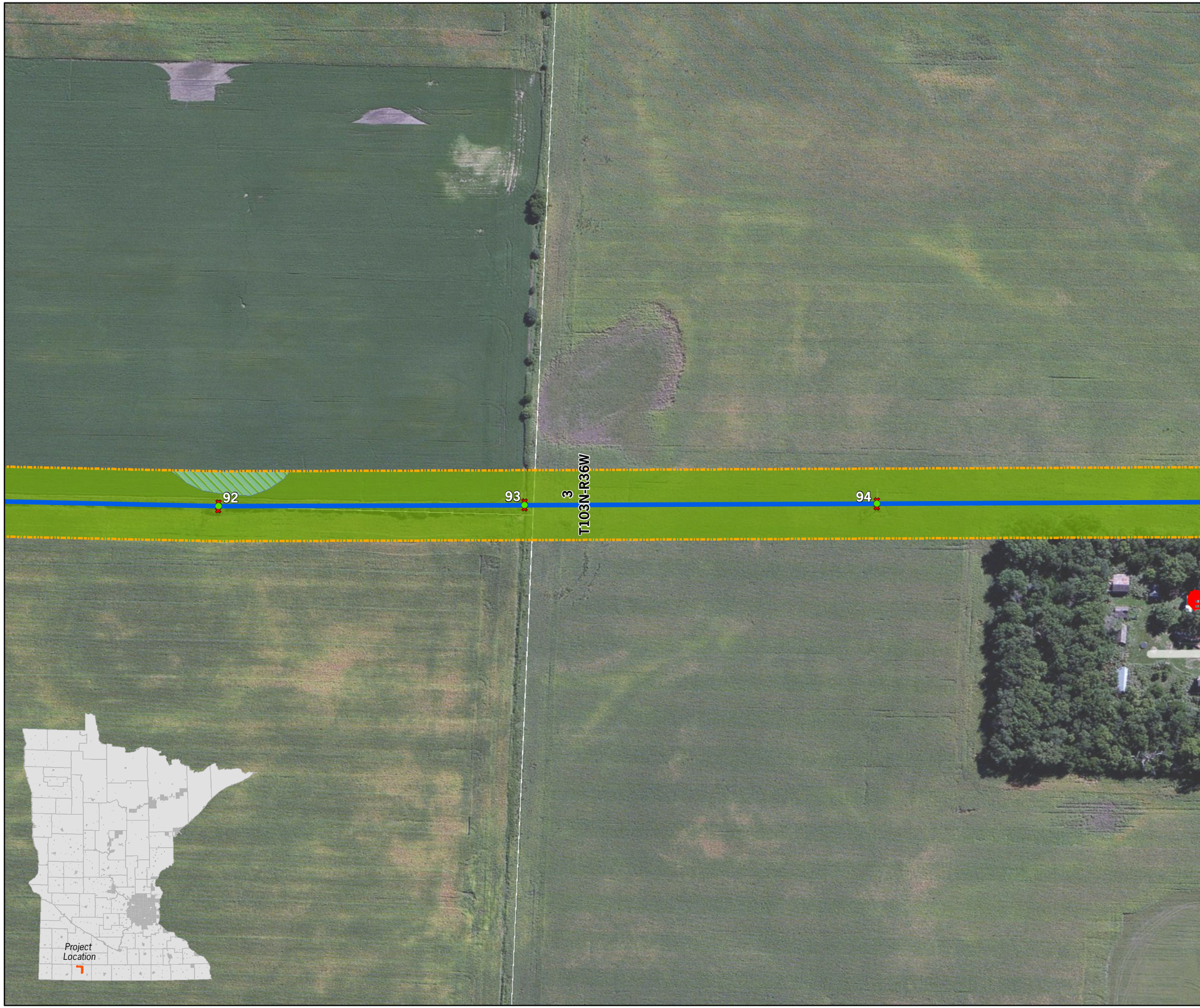
Heron Lake 161/69kV T-Line Rebuild Project



- 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

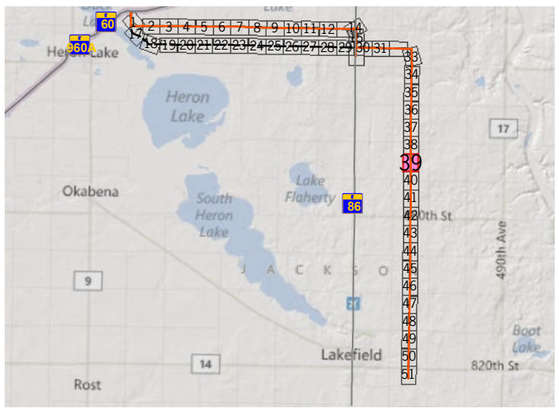
Stream Crossing

- 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

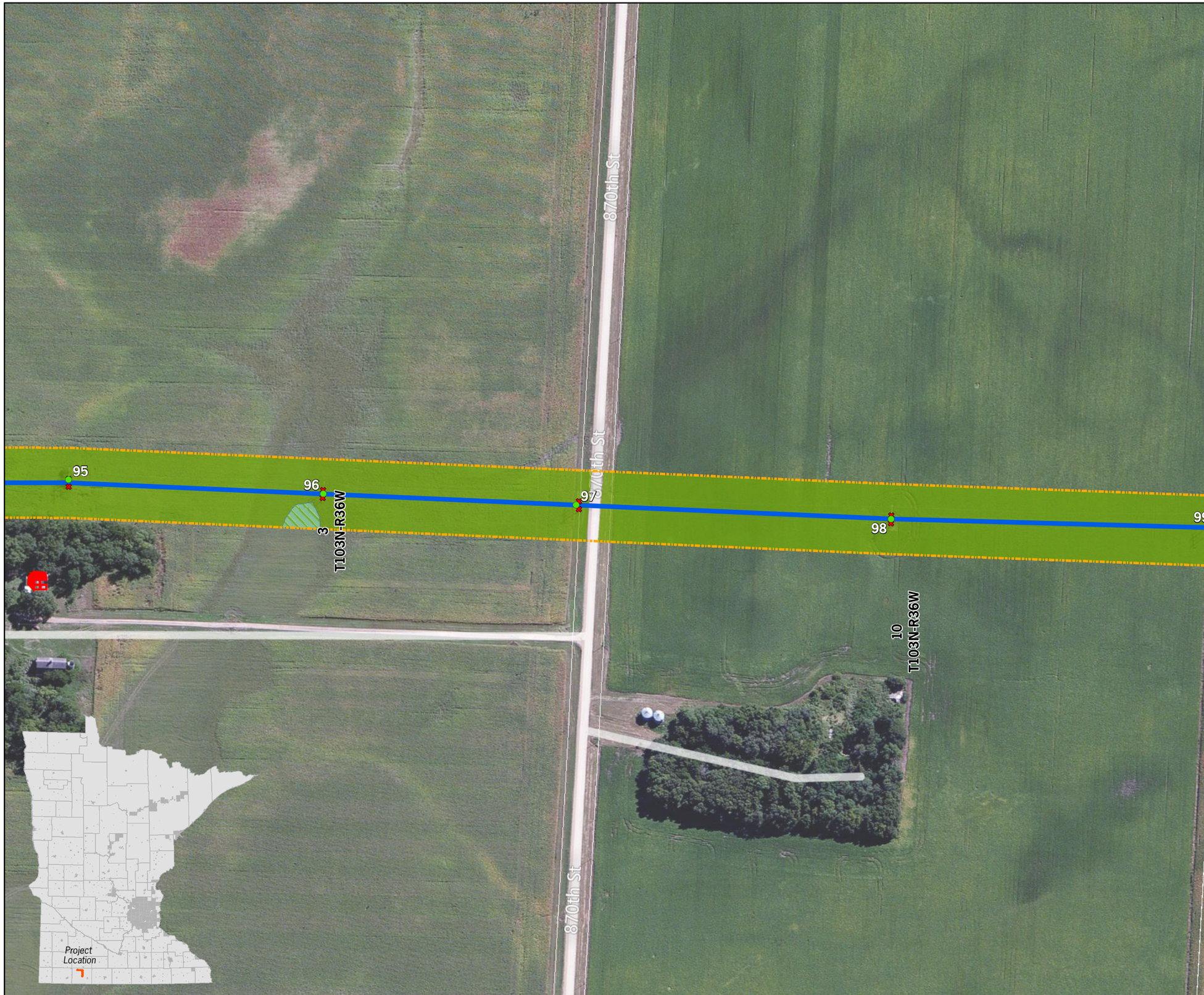
- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

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



Ulteig ITC 39

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

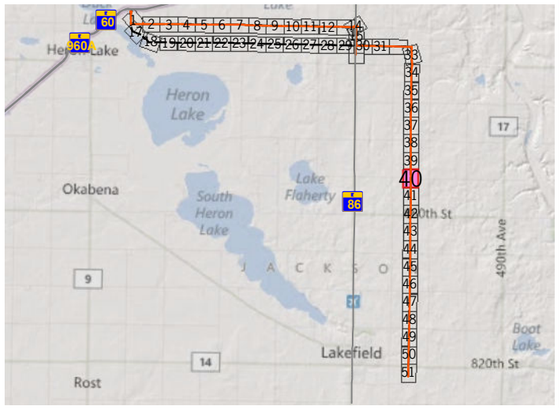
Stream Crossing

- 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 40

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

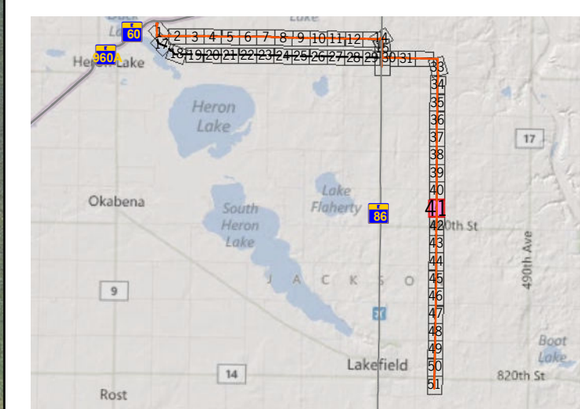
Stream Crossing

- 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 41

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

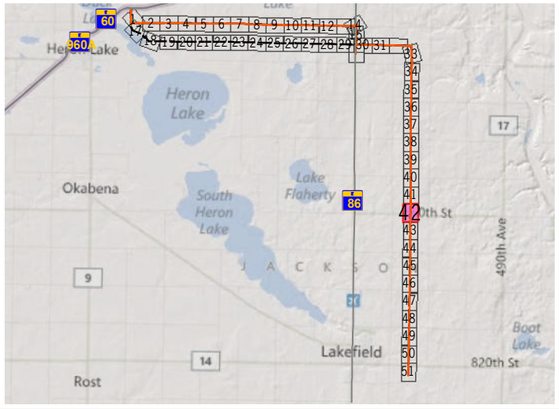
Stream Crossing

- 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

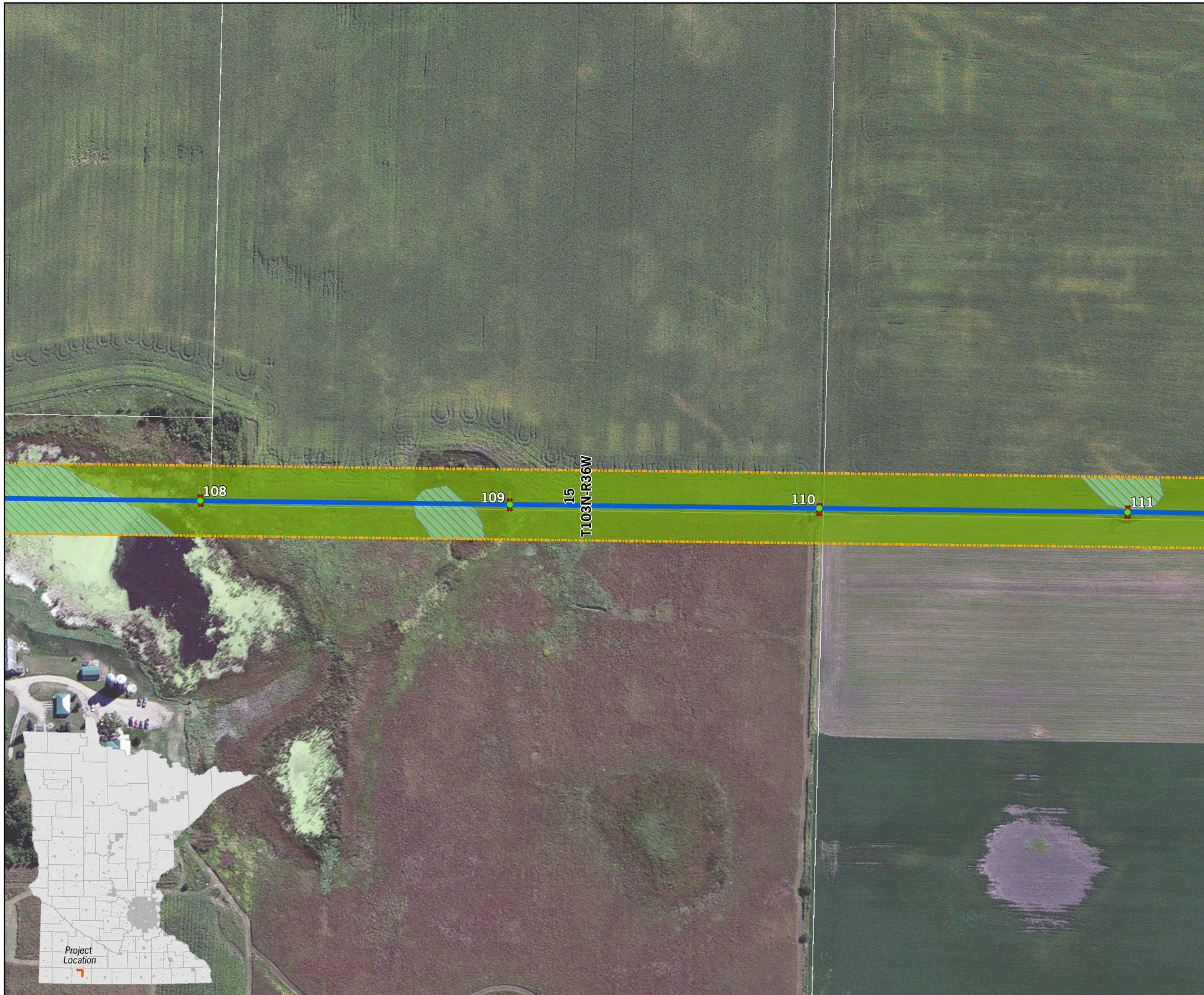
Landuse

- 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 42



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

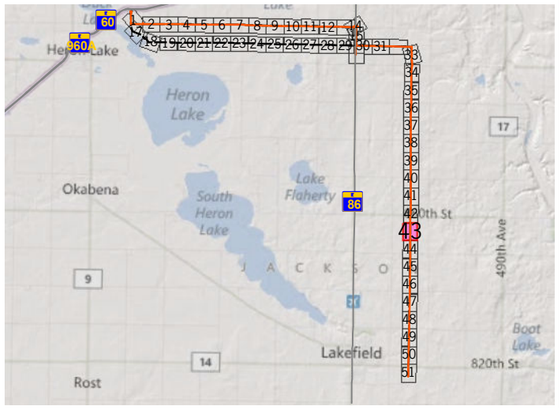
Stream Crossing

- 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

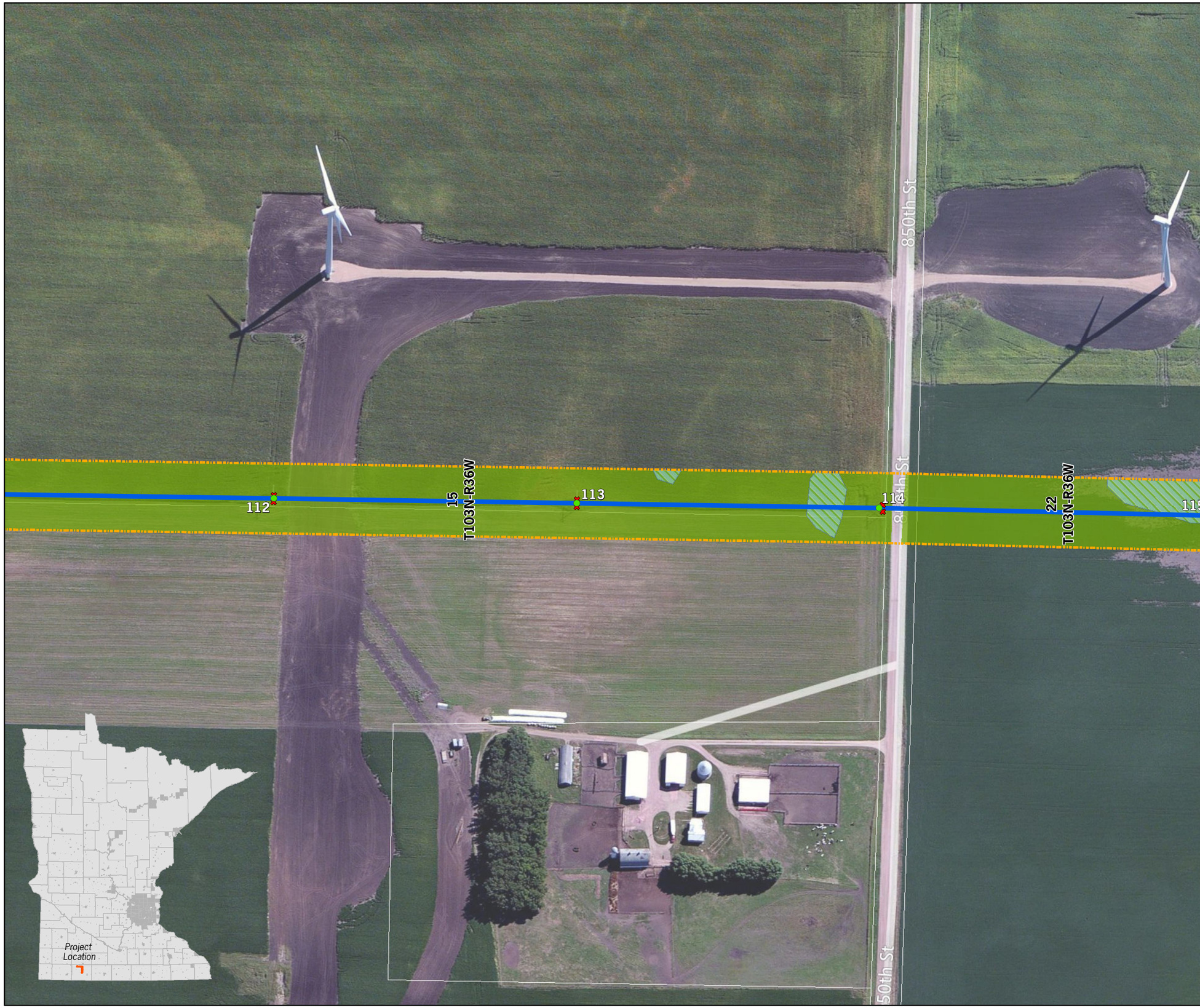
- Agricultural
- Industrial
- Municipal Landuse
- Residential
- Rec/Open Space/Park
- Wooded
- Water
- Road

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



Ulteig ITC 43

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

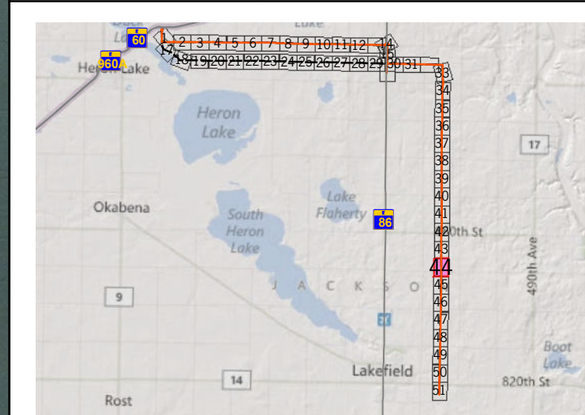
Stream Crossing

- 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



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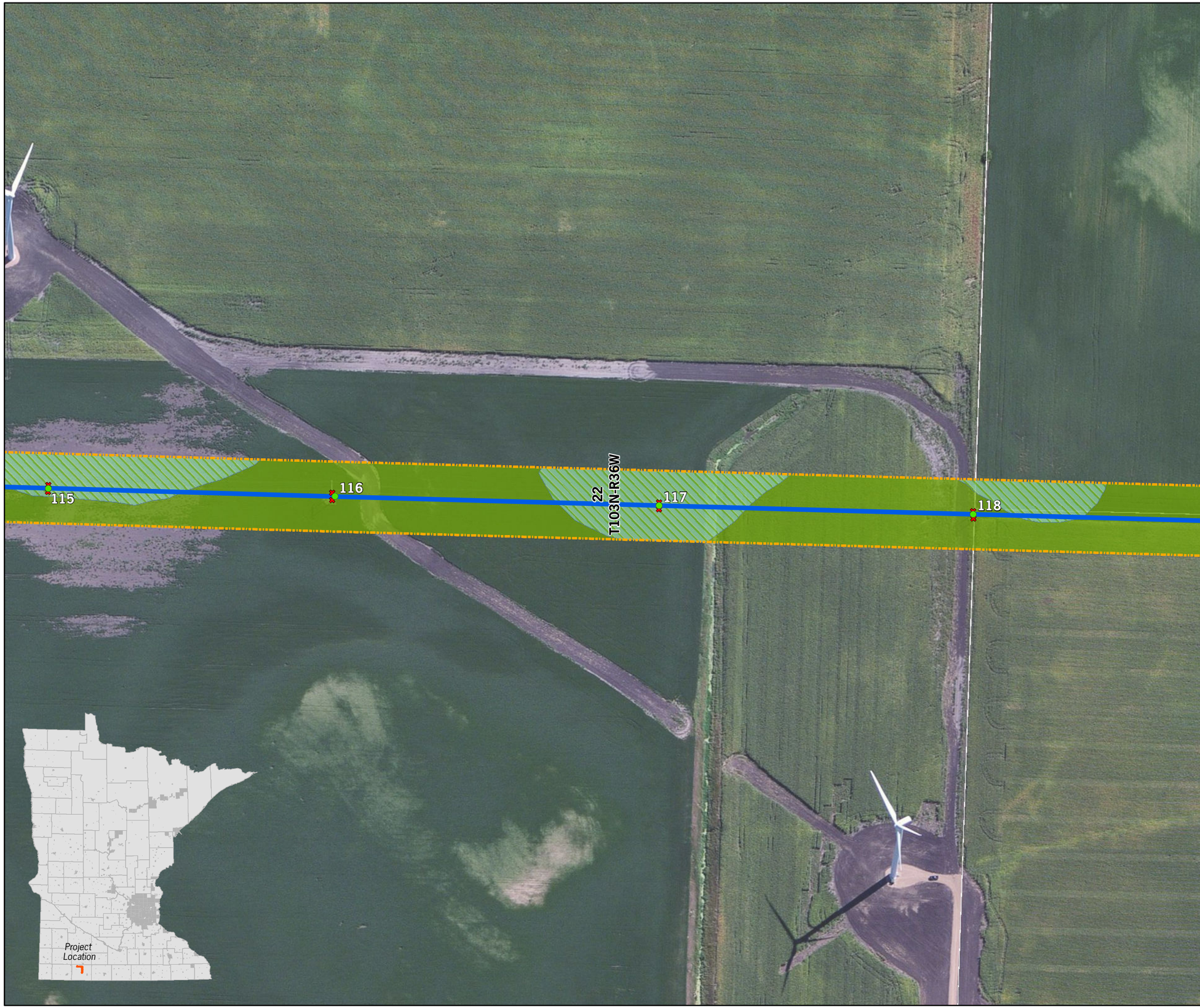

Heron Lake 161/69kV T-Line Rebuild Project

- 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
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- Non Residential Structure
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Stream Crossing
- PWI Intermittent Crossing
- PWI Streams
- Intermittent Crossing
- Intermittent Stream
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Landuse
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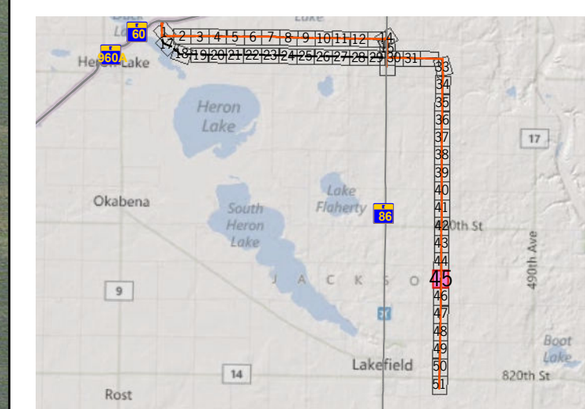
- Rec/Open Space/Park
- Wooded
- Water
- Road

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



Ulteig ITC 45