Exhibit 4
Environmental Resources Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
McHenry County, Illinois
Sheet 1 of 6

Silver Creek Watershed

Shared-Use Path and Sidewalk to be extended to IL Route 176

Begin Improvement

Intersection Reconstruction Project Completed by IDOT in 2014

IL 31/176 Detention Pond with 3 Dry Wells

Legend

- ⊗ Wastewater Treatment Plant
- – – Existing ROW
- —— Proposed ROW
- - - Prairie Trail
- —— Proposed Retaining Wall

- ● All Community Wells
- ● All Non Community Wells
- ● Non Community Well Impact
- ⊙ Residential Acquisition
- ⊙ Business Structure Acquisition

- ▲ Tree Impact
- ⬟ Oak Tree Impact
- ⬠ Shagbark Hickory Tree Impact
- ⬛ Common Noise Environment
- ▨ Business Site Impact
- ▮ Highly Erodible Soil
- ☒ Park
- ☒ Owned by Land Conservancy of McHenry County

- School
- Place of Worship

- ⬭ Traffic Noise Receptor
- ⇨ Outfall
- ▮ WOUS (INHS)
- ▮ Lakes and Rivers
- ▮ Proposed Detention Pond / Proposed Retention Basin
- ▮ Sensitive Aquifer Recharge Area

- —— Stream
- ▨ Floodplain
- ▨ Floodway
- ▮ ADID Wetland
- ▮ NON-ADID Wetland

- ▨ Impacted Farm Parcel
- ▨ Prime & Important Farmland Soil
- ▨ Prairie Grove Town Center
- ☒ Census Tracts 8706.05 and 8706.06

Scale: 0 — 200 — 400 — 800 Feet

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ERRATA

37 FQI = 1.5

Exhibit 4
Environmental Resources Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
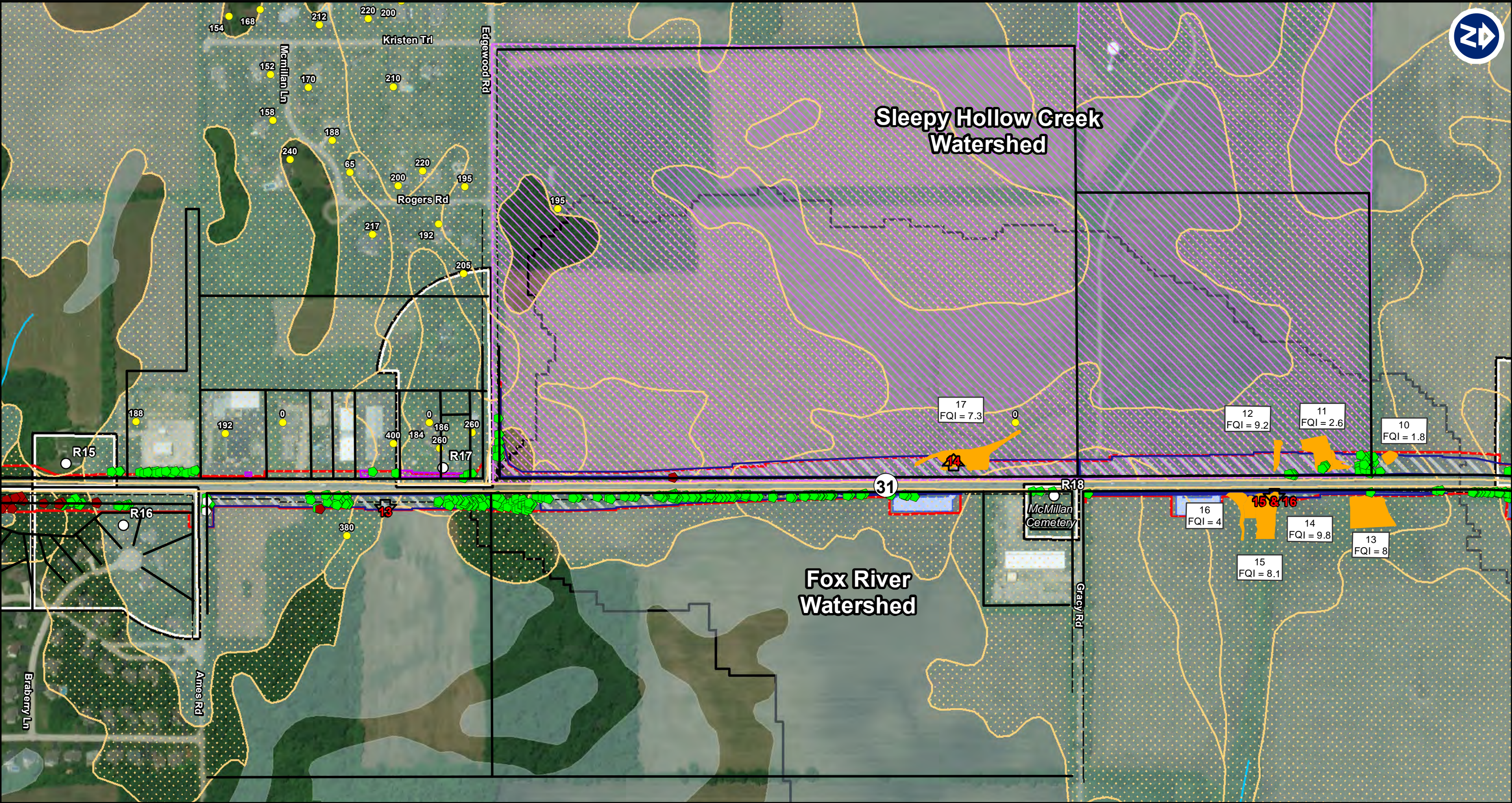**McHenry County, Illinois**
Sheet 2 of 6

Sleepy Hollow Creek Watershed

Fox River Watershed

Map labels:
- Kristen Trl
- McMillan Ln
- Rogers Rd
- Edgewood Rd
- Gracy Rd
- Ames Rd
- Braberry Ln
- McMillan Cemetery
- Route 31

Well/data point numbers:
154, 168, 212, 220, 200, 152, 170, 210, 158, 188, 240, 65, 200, 220, 195, 217, 192, 205, 188, 192, 0, 186, 260, 260, 184, 400, 195, 380

Receptors: R15, R16, R17, R18

FQI labels:
- 17 FQI = 7.3
- 12 FQI = 9.2
- 11 FQI = 2.6
- 10 FQI = 1.8
- 16 FQI = 4
- 15 & 16
- 14 FQI = 9.8
- 13 FQI = 8
- 15 FQI = 8.1

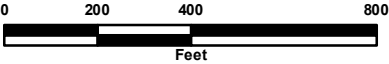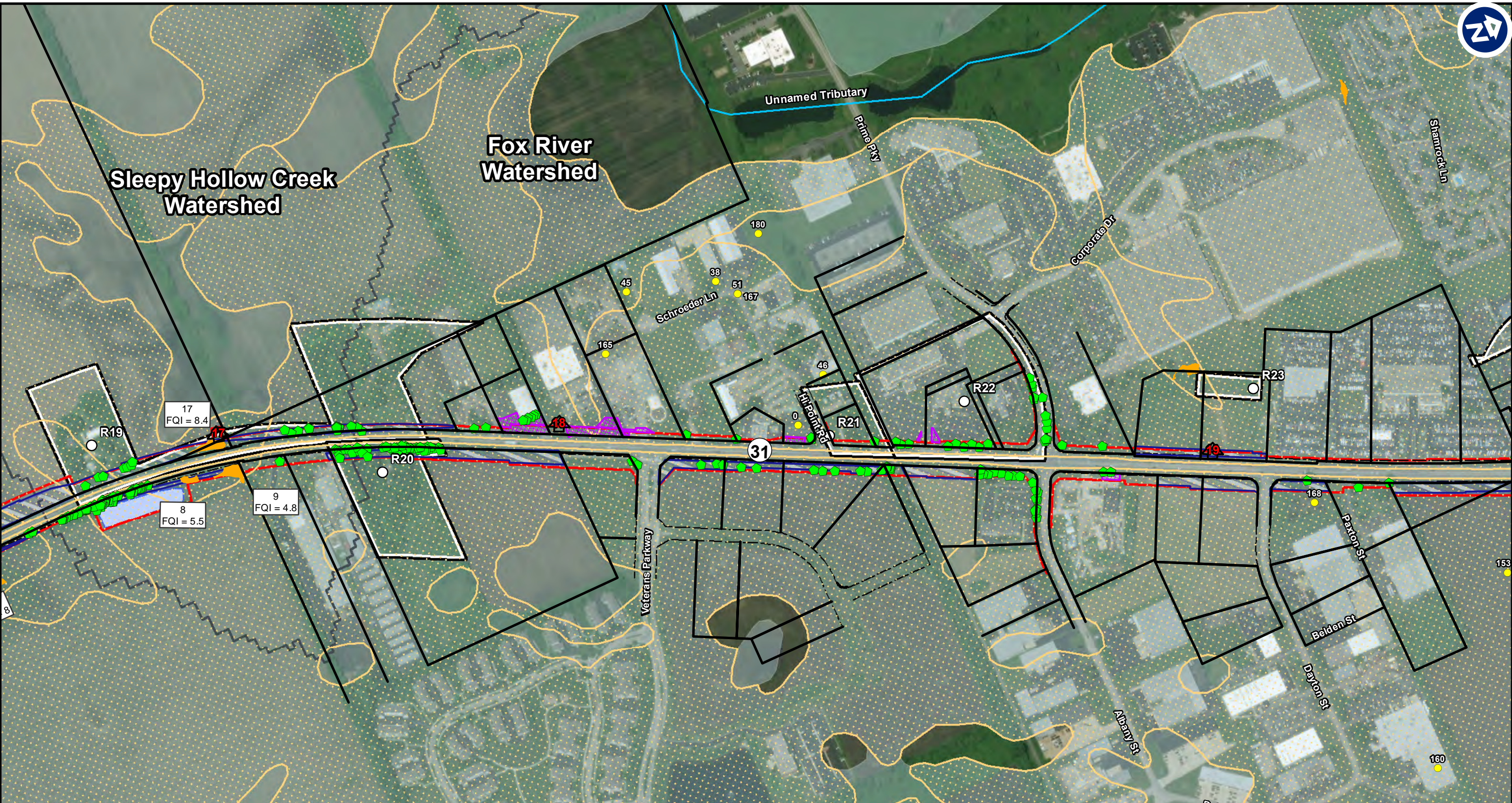Parcel labels: 13, 14, 15, 16, 17, 0

Exhibit 4
Environmental Resources Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
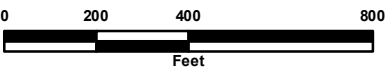**McHenry County, Illinois**
Sheet 3 of 6

Scale: 0 — 200 — 400 — 800 Feet

Legend

Symbol	Description
⊗	Wastewater Treatment Plant
- - -	Existing ROW
─── (red)	Proposed ROW
- - - (orange dashed)	Prairie Trail
───	Proposed Retaining Wall
● (magenta)	All Community Wells
● (yellow)	All Non Community Wells
● (orange)	Non Community Well Impact
🏫	School
⚐	Place of Worship
● (green)	Tree Impact
⬟ (dark red)	Oak Tree Impact
⬡	Shagbark Hickory Tree Impact
⊙	Residential Acquisition
● (purple)	Business Structure Acquisition
○ R1	Traffic Noise Receptor
▭	Common Noise Environment
▶1	Outfall
▭	WOUS (INHS)
▭	Lakes and Rivers
▭	Proposed Detention Pond / Proposed Retention Basin
▭	Sensitive Aquifer Recharge Area
─── (cyan)	Stream
▭	Floodplain
▭	Floodway
▭ (green)	ADID Wetland
▭ (orange)	NON-ADID Wetland
▭	Business Site Impact
▭	Highly Erodible Soil
▭	Park
▭	Owned by Land Conservancy of McHenry County
▭	Impacted Farm Parcel
▭	Prime & Important Farmland Soil
▭	Prairie Grove Town Center
▭	Census Tracts 8706.05 and 8706.06

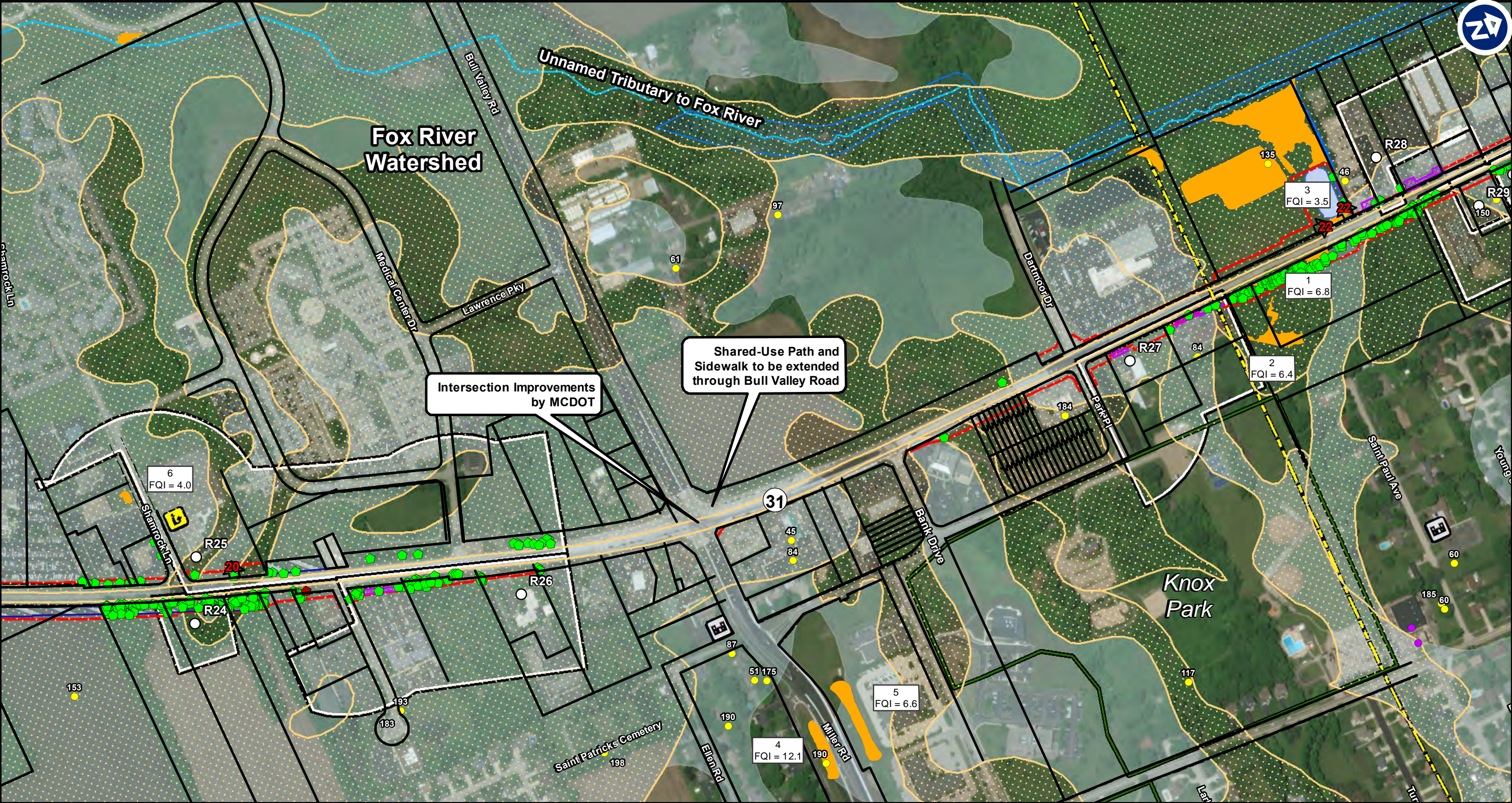T:\dwgs\STV\ILL. RTE. 31\STV_IL31_Environmental_Resources_Map.mxd

Exhibit 4
Environmental Resources Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
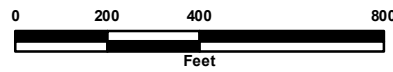**McHenry County, Illinois**
Sheet 4 of 6

Map labels:
- Sleepy Hollow Creek Watershed
- Fox River Watershed
- Unnamed Tributary
- Prime Pkwy
- Shamrock Ln
- Corporate Dr
- Schroeder Ln
- Hi Point Rd
- Veterans Parkway
- Paxton St
- Belden St
- Dayton St
- Albany St
- 31

Map markers: 17 FQI = 8.4, 8 FQI = 5.5, 9 FQI = 4.8, R19, R20, R21, R22, R23, R1, 180, 45, 38, 51, 167, 165, 46, 0, 168, 153, 160

Legend

Symbol	Description
Wastewater Treatment Plant	
Existing ROW	
Proposed ROW	
Prairie Trail	
Proposed Retaining Wall	
School	
Place of Worship	

- All Community Wells
- All Non Community Wells
- Non Community Well Impact
- Residential Acquisition
- Business Structure Acquisition

- Tree Impact
- Oak Tree Impact
- Shagbark Hickory Tree Impact

- Traffic Noise Receptor
- Common Noise Environment
- Business Site Impact
- Highly Erodible Soil
- Park
- Owned by Land Conservancy of McHenry County

- Outfall
- WOUS (INHS)
- Proposed Detention Pond / Proposed Retention Basin
- Sensitive Aquifer Recharge Area

- Stream
- Floodplain
- Floodway
- ADID Wetland
- NON-ADID Wetland

- Impacted Farm Parcel
- Prime & Important Farmland Soil
- Prairie Grove Town Center
- Census Tracts 8706.05 and 8706.06

- Lakes and Rivers

Scale: 0 200 400 800 Feet

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Fox River Watershed

Unnamed Tributary to Fox River

R28

R29

135

46

3
FQI = 3.5

22

150

97

61

1
FQI = 6.8

Shared-Use Path and Sidewalk to be extended through Bull Valley Road

R27

84

2
FQI = 6.4

Intersection Improvements by MCDOT

184

31

45

84

6
FQI = 4.0

R25

20

R26

R24

Knox Park

60

185

60

87

117

51 175

153

5
FQI = 6.6

193

183

190

4
FQI = 12.1

190

Saint Patricks Cemetery

198

Bull Valley Rd
Medical Center Dr
Lawrence Pky
Shamrock Ln
Shamrock Ln
Dartmoor Dr
Park Pl
Bank Drive
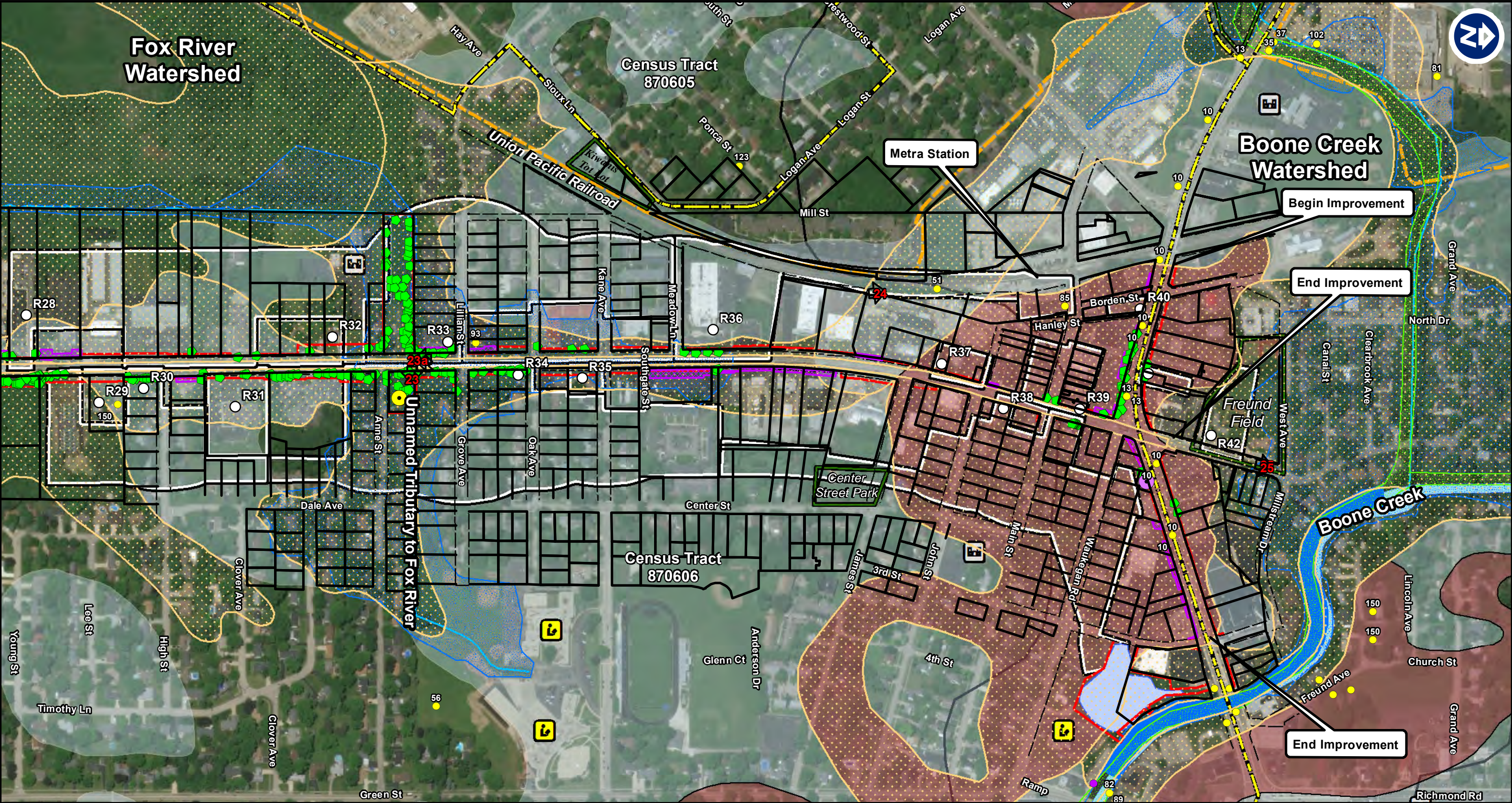Miller Rd
Ellen Rd
Saint Paul Ave
Young St

Exhibit 4
Environmental Resources Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
McHenry County, Illinois
Sheet 5 of 6

0   200   400   800
Feet

Legend

⊗ Wastewater Treatment Plant
— — Existing ROW
—— Proposed ROW
— — Prairie Trail
===== Proposed Retaining Wall

● All Community Wells
● All Non Community Wells
● Non Community Well Impact
⊙ Residential Acquisition
⊙ Business Structure Acquisition

⬟ Tree Impact
⬠ Oak Tree Impact
⬠ Shagbark Hickory Tree Impact
🏫 School
⛪ Place of Worship

○ Traffic Noise Receptor
▭ Common Noise Environment
▨ Business Site Impact
■ Highly Erodible Soil
▢ Park
▢ Owned by Land Conservancy of McHenry County

⇨ Outfall
— Stream
▬ WOUS (INHS)
▨ Lakes and Rivers
▨ Proposed Detention Pond / Proposed Retention Basin
▨ Sensitive Aquifer Recharge Area

▨ Floodplain
▨ Floodway
▨ ADID Wetland
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▨ Prime & Important Farmland Soil
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▨ Census Tracts 8706.05 and 8706.06

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Fox River Watershed

Boone Creek Watershed

Census Tract 870605

Census Tract 870606

Metra Station

Begin Improvement

End Improvement

End Improvement

Union Pacific Railroad

Unnamed Tributary to Fox River

Boone Creek

Center Street Park

Freund Field

Kiwanis Tot Lot

Street labels: Hay Ave, Sioux Ln, South St, Crestwood St, Logan Ave, Ponca St, Logan Ave, Logan St, Mill St, Grand Ave, North Dr, Borden St, Hanley St, Canal St, Clearbrook Ave, West Ave, Kane Ave, Meadow Ln, Lillian St, Grove Ave, Oak Ave, Southgate St, Anne St, Dale Ave, Clover Ave, Lee St, High St, Young St, Timothy Ln, Clover Ave, Green St, Center St, James St, 3rd St, John St, Anderson Dr, Glenn Ct, 4th St, Main St, Waukegan Rd, Millstream Dr, Freund Ave, Lincoln Ave, Church St, Grand Ave, Richmond Rd, Ramp

Receptor/well labels: R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R42, 150, 93, 123, 56, 51, 85, 82, 89, 13, 35, 37, 102, 81, 10, 24, 23a, 23, 25

Exhibit 4
Environmental Resources Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
McHenry County, Illinois
Sheet 6 of 6

0   200   400   800
Feet

Legend

- ⊗ Wastewater Treatment Plant
- - - Existing ROW
- —— Proposed ROW
- – – Prairie Trail
- ▥ Proposed Retaining Wall
- 🏫 School
- 🏛 Place of Worship

- ● All Community Wells
- ● All Non Community Wells
- ● Non Community Well Impact
- ◉ Residential Acquisition
- ◉ Business Structure Acquisition

- ⬠ Tree Impact
- ⬠ Oak Tree Impact
- ⬠ Shagbark Hickory Tree Impact
- ○ Traffic Noise Receptor
- ▢ Common Noise Environment
- ▨ Business Site Impact
- ■ Highly Erodible Soil
- ▭ Park
- ▨ Owned by Land Conservancy of McHenry County

- ▷ Outfall
- ■ WOUS (INHS)
- ■ Lakes and Rivers
- ■ Proposed Detention Pond / Proposed Retention Basin
- ■ Sensitive Aquifer Recharge Area

- —— Stream
- ▨ Floodplain
- ▨ Floodway
- ■ ADID Wetland
- ■ NON-ADID Wetland

- ▨ Impacted Farm Parcel
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- ▨ Prairie Grove Town Center
- ▨ Census Tracts 8706.05 and 8706.06

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