Intersection Reconstruction
Project Completed by IDOT in 2014

Begin Improvement

IL 31/176 Detention Pond
with 3 Dry Wells

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

Legend

- Existing ROW
- Proposed ROW
- Meandering Stream
- Perennial Stream
- Meandering Stream

- Proposed Bioswale
- ADID Wetland
- Perennial Stream

- Proposed Retaining Wall
- Non-ADID Wetland
- Water Level

- Meandering Stream
- Proposed Retaining Wall
- Stream

- Proposed Infiltration Trench
- Embedded Culvert - Typical 1' Depth

- Proposed Natural Bottom Culvert/Bridge
- Proposed Detention Pond/Retention Basin

- Sensitive Aquifer Recharge Area
- Lakes and Rivers

- WOUS (INHS)
- Outfall
Proposed Natural Bottom Culvert (Embedded Box Culvert) with Separate Wildlife Crossing Culvert (Reinforced Concrete Pipe)

Proposed Infiltration Trench to be Designed in Phase II (Contract Plan Preparation), with a Minimum Waterway Opening of 15 sqft, to be Designed as a Wildlife Crossing.

Proposed Squaw Creek Meandering Stream

To be Designed in Phase II (Contract Plan Preparation), with Minimum Waterway Opening of 40 sqft, to be Designed as a Wildlife Crossing.

Proposed Bioswale

Proposed Natural Bottom Culvert (Embedded Box Culvert)

Proposed Natural Bottom Culvert (Embedded Box Culvert) with Separate Wildlife Crossing Culvert (Reinforced Concrete Pipe)
Proposed Natural Bottom Culvert (Embedded Box Culvert)

McMillan Cemetery

Exhibit 5
Best Management Practices Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
McHenry County, Illinois
Sheet 3 of 6

Legend

- Existing ROW
- Proposed ROW
- Proposed Retaining Wall
- Proposed Infiltration Trench
- Water Level
- Meandering Stream
- Perennial Stream
- WOUS (INHS)
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- Outfall

- Proposed Bioswale
- Proposed Detention Pond/Retention Basin
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- Non-ADID Wetland
- Sensitive Aquifer Recharge Area
- Typical 1' Depth
**Exhibit 5**
Best Management Practices Map
Illinois Route 31
Illinois Route 176 to Illinois Route 120
McHenry County, Illinois
Sheet 5 of 6

**Legend**
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