



City of Appleton

100 North Appleton Street
Appleton, WI 54911-4799
www.appleton.org

Meeting Agenda - Final Utilities Committee

Tuesday, November 13, 2018

5:00 PM

Council Chambers, 6th Floor

1. Call meeting to order

2. Roll call of membership

3. Approval of minutes from previous meeting

[18-1671](#) Approval of the October 23, 2018 Utilities Committee Meeting Minutes.

Attachments: [October 23, 2018 Utilities Committee Meeting Minutes.pdf](#)

[18-1672](#) Approval of the November 7, 2018 Special Utilities Committee Meeting Minutes.

Attachments: [November 7, 2018 Special Utilities Committee Meeting Minutes.pdf](#)

4. **Public Hearings/Apearances**

5. **Action Items**

6. **Information Items**

[18-1673](#) Residential drain tile issues associated with the NW Mauthe Site (Outagamie Street and W. Second Street).

[18-1674](#) Stormwater Program Update

Attachments: [2018 Nov 13 Utilities Stormwater Update Presentation.pdf](#)

7. **Adjournment**

Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.

Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.

For questions on the agenda, contact Chris Shaw at 920-832-5945 or Paula Vandehey at 920-832-6474.



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Meeting Minutes - Final Utilities Committee

Tuesday, October 23, 2018

5:00 PM

Council Chambers, 6th Floor

1. Call meeting to order

Chairperson Baranowski called the Utilities Committee meeting to order at 5:00 p.m.

2. Roll call of membership

Present: 5 - Baranowski, Meltzer, Reed, Dvorachek and Raasch

3. Approval of minutes from previous meeting

[18-1504](#)

Approval of the October 9, 2018 Utilities Committee Meeting Minutes.

Attachments: [October 9, 2018 Utilities Committee Meeting Minutes.pdf](#)

Dvorachek moved, seconded by Meltzer, that the Minutes be approved. Roll Call. Motion carried by the following vote:

Aye: 5 - Baranowski, Meltzer, Reed, Dvorachek and Raasch

4. Public Hearings/Appearances

[18-1507](#)

Steven Huisman, friend of property owner Amy Wicichowski at 11 Ramlen Court.

Mr. Huisman did not attend the meeting.

5. Action Items

[18-1505](#)

Second Amendment to the 2018 Stormwater Management Plan Review contract with raSmith by an increase of \$35,000 for a total contract amount not to exceed \$110,000.

Attachments: [2018A SWM Plan Review Second Amendment Memo Util Cmte.pdf](#)

Raasch moved, seconded by Meltzer, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Baranowski, Meltzer, Reed, Dvorachek and Raasch

[18-1506](#)

Amend Unit K-18 Native Landscape Management Contract with Applied Ecological Services, Inc. in an amount not to exceed \$10,965.

Attachments: [K-18 Amend 1 Util Cmte Memo 10-23-2018 final.pdf](#)

Dvorachek moved, seconded by Meltzer, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Baranowski, Meltzer, Reed, Dvorachek and Raasch

6. Information Items

[18-1508](#)

Memorial Park South Pond Retrofit

Attachments: [Memorial Park South Pond.pdf](#)

This item was discussed.

[18-1509](#)

Kernan Avenue Storm Sewer

Attachments: [Kernan Storm Sewer.pdf](#)

This item was discussed.

[18-1510](#)

Discussion of 2019 Executive Budgets

Attachments: [2019 Executive Budgets.pdf](#)

The budgets were reviewed and discussed.

[18-1511](#)

Monthly Reports for July, August, September 2018

- Wastewater Treatment Plant Synopsis and Receiving Station Revenue Report

- Water Treatment Facility Synopsis

- Water Distribution and Meter Team Monthly Report - September

Attachments: [2018 AWWTP Q3 Synopsis and Receiving Station Revenue.pdf](#)

[2018 AWTF Q3 Synopsis.pdf](#)

[Water Main Breaks September 2018.pdf](#)

The reports were reviewed.

7. Adjournment

Dvorachek moved, seconded by Reed, that the Utilities Committee Meeting be adjourned at 5:33 p.m. Roll Call. Motion carried by the following vote:

Aye: 5 - Baranowski, Meltzer, Reed, Dvorachek and Raasch



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Meeting Minutes - Final Utilities Committee

Wednesday, November 7, 2018

5:45 PM

Council Chambers, 6th Floor

Special

1. Call meeting to order

Chairperson Baranowski called the Utilities Committee meeting to order at 5:45 p.m.

2. Roll call of membership

Present: 4 - Baranowski, Meltzer, Dvorachek and Raasch

Excused: 1 - Reed

3. Approval of minutes from previous meeting

Meltzer moved, seconded by Raasch, that the be approved. Roll Call. Motion carried by the following vote:

Aye: 4 - Baranowski, Meltzer, Dvorachek and Raasch

Excused: 1 - Reed

4. Public Hearings/Appealances

5. Action Items

[18-1643](#)

Approval of Agreement to provide water to the Town of Clayton, contingent on the Town receiving all necessary approvals from other Agencies.

Attachments: [Water Service Agm - City Clean - 11-02-2018.pdf](#)

Meltzer moved, seconded by Dvorachek, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Baranowski, Meltzer, Dvorachek and Raasch

Excused: 1 - Reed

[18-1644](#)

Approval of Agreement to provide waste water service to the Town of Clayton, contingent on the Town receiving all necessary approvals from other Agencies.

Attachments: [Clayton Wastewater Agrm - City Clean - 11-02-2018.pdf](#)

Dvorachek moved, seconded by Meltzer, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Baranowski, Meltzer, Dvorachek and Raasch

Excused: 1 - Reed

6. Information Items

7. Adjournment

Dvorachek moved, seconded by Meltzer, that the Utilities Committee meeting be adjourned at 6:15 p.m. Roll Call. Motion carried by the following vote:

Aye: 4 - Baranowski, Meltzer, Dvorachek and Raasch

Excused: 1 - Reed

STORMWATER Program Update

Presented to
UTILITIES COMMITTEE
November 13, 2018



NR 216 Permit

- Public Education and Outreach
 - Northeast Wisconsin Stormwater Consortium (NEWSWC)
 - Summer Camp, Fox River Academy
- Public Involvement and Participation
 - Tied to Public Education and Outreach
 - April 21, 2018 River Cleanup



NR 216 Permit

- Illicit Discharge Detection and Elimination
 - On-going field screening (2018 Field Work Done)
- Construction Site Pollution Control
 - Implementing Program



NR 216 Permit

- Post-Construction Stormwater Management
 - Implementing program and ordinance
 - Plan reviews 15 in 2014, 21 in 2015, 28 in 2016, 11 in 2017, 37 so far in 2018
- Pollution Prevention
 - Implementing program



NR 216 Permit

- Stormwater Quality Management
 - City-wide SWMP update fall 2014
 - Continuing to implement plan
 - Continuing to monitor technical changes
 - Continuing to monitor Lower Fox River TMDL implementation
 - Continuing to monitor development of Upper Fox River TMDL
- Storm Sewer System Map and Annual Report
 - New On-line DNR Annual Report form



NR 216 Permit

- Current permit expires April 30, 2019
 - Five years from issue date
- Re-application due November 1, 2018 (Done)
- WDNR hosted input sessions on the new permit
 - September 12 webinar
 - September 19 NE Region meeting
 - October 5 statewide survey



NR 216 Permit

- Anticipated schedule for new permit from WDNR
 - Other regions hosting input meetings, Fall 2018
 - EPA review December 2018
 - Issued for statewide public comment January 2019
 - Re-issued May 1, 2019



Appleton's Implementation Plan for City-wide Stormwater Management Plan

- 2015
 - Final design/permitting of Northland Pond (Done)
 - Work with Counties to clarify credit
 - Calumet and Winnebago (Done)
 - Outagamie County (In Progress)
 - Evaluate potential Mud Creek project (DONE)
 - Relocate public storm sewer at WWTP to address Illicit Discharge (Done)



Appleton's Implementation Plan –Con't

- 2016
 - Solicit bids for Northland Pond (Done)
 - Work with WDOT to clarify credit (waiting for DNR/DOT agreement)
- 2017
 - Construct Northland Pond (Done)
 - Evaluate possibility of adding private street sweeping contract to supplement City staff (Done)
 - Final Design and Purchase Land for Leona Street Pond (Done)

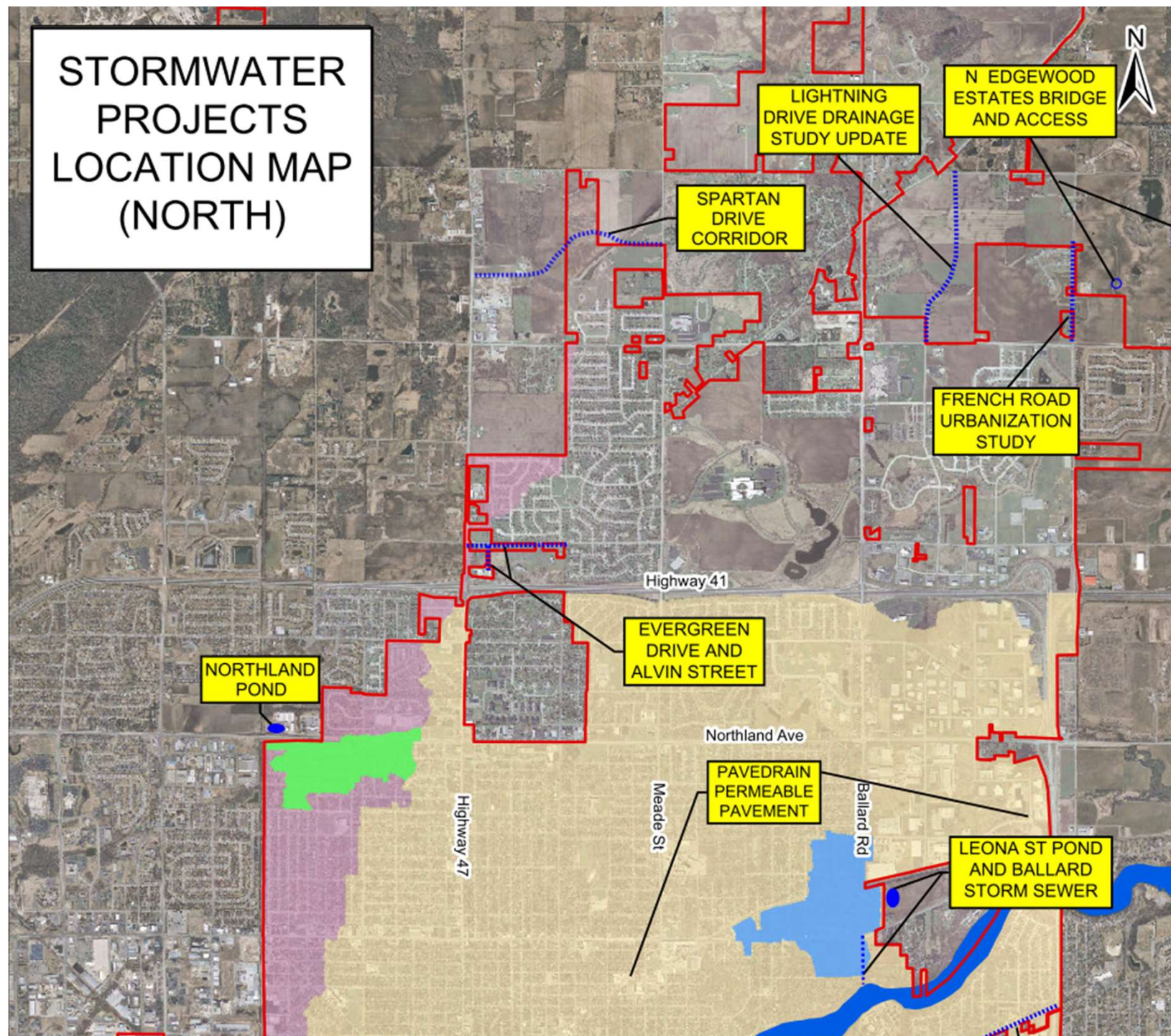


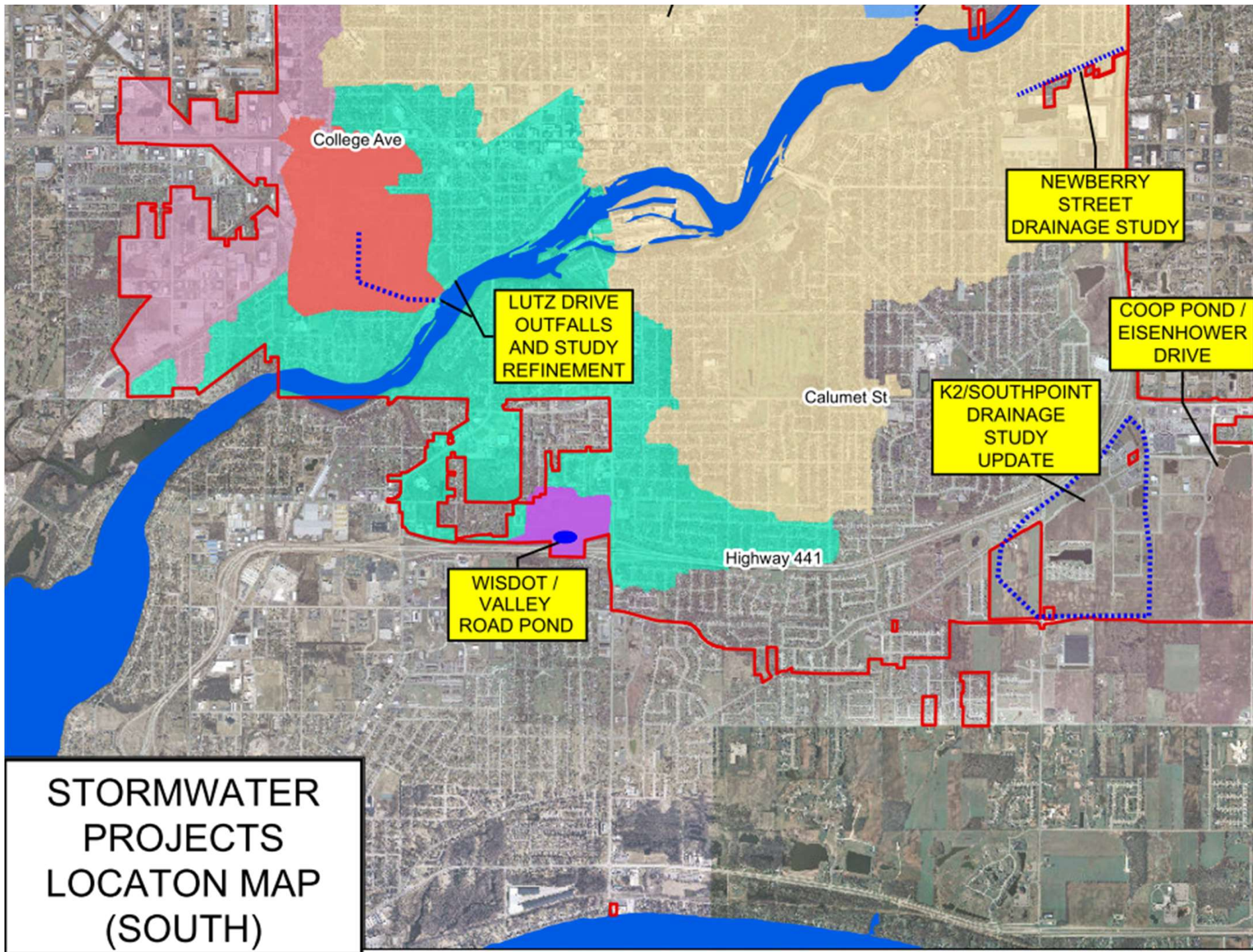
Appleton's Implementation Plan –Con't

- 2018
 - Construct Leona Street Pond (Moved to 2019)
 - Possibly construct pond with WDOT 441 Project (Done)
- 2019
 - Request 2020 budget for next City-wide plan update
 - Fall 2019 issue RFP for consultant selection
- 2020-2021
 - High Efficiency Street Sweeper Upgrade (Moved to 2022)
 - Update the City-wide Stormwater Management Plan



STORMWATER PROJECTS LOCATION MAP (NORTH)





STORMWATER
PROJECTS
LOCATON MAP
(SOUTH)

2018 Capital Projects

- Northland Pond (Done)
- WISDOT/Valley Road Pond (Done)
- Leona Street Pond (Pre-final plans. January 2019 bid)
- Spartan Drive Corridor (In Design)
- CTH JJ/Lightning Drive Pond (Done)
- Coop Pond/Eisenhower Drive (Done)
- Lutz Drive Outfalls (Outfall work done, upstream route refinements under study)
- Evergreen Drive (Under Construction)
- Alvin Street (In Design)



Regulations/Guidance

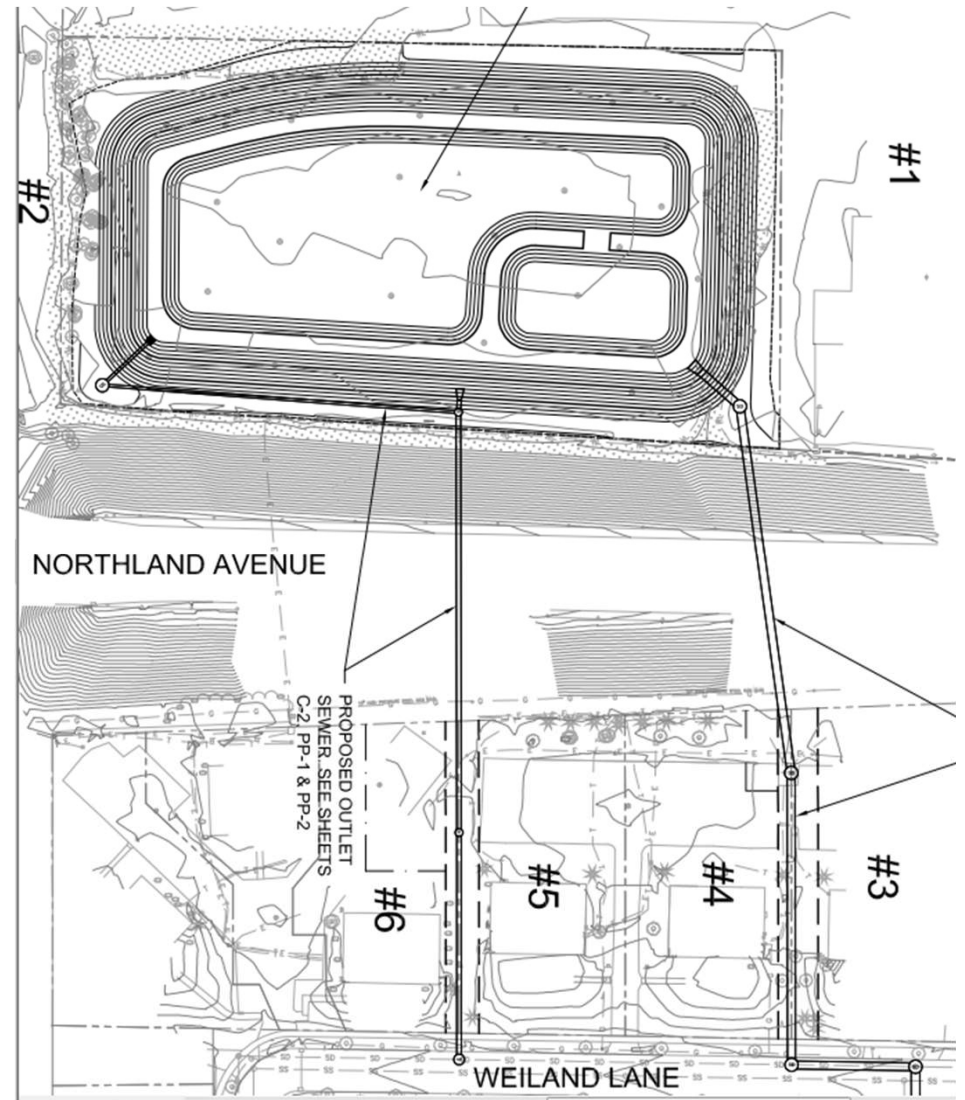
- Technical Standards
 - Ditch Checks (Final March)
 - Trackout Control Practices (Final July)
 - Rain Garden (Final September)
- Guidance Documents
 - Interim phosphorus reduction credit for leaf management programs (Final March)
- Wetland regulations (effective July 1)
- NR 152 Model ordinances (effective August 1)

Regulations/Guidance

- Recently out for Public Comment
 - Tech Std 1052 Non-channel erosion mat
 - Tech Std 1053 Channel erosion mat
 - Guidance for modeling post-construction stormwater management
 - Guidance for artificial wetland exemptions
 - Guidance for non-federal wetland exemptions
 - UNPS grant application instructions

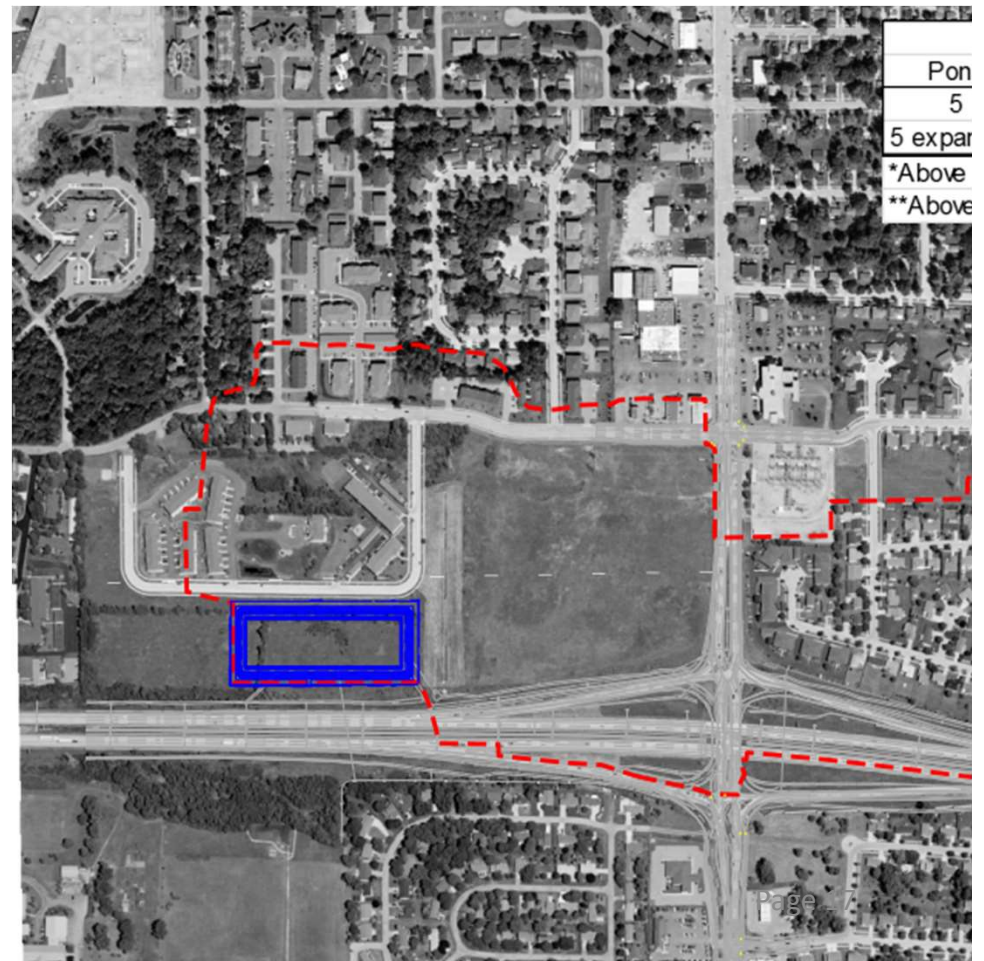
NORTHLAND POND

- Part of West Wisconsin Ave Study Selected Alternative to reduce flooding west of Mason Street
- Construction completed Fall 2018
- Punchlist and grant closure items pending



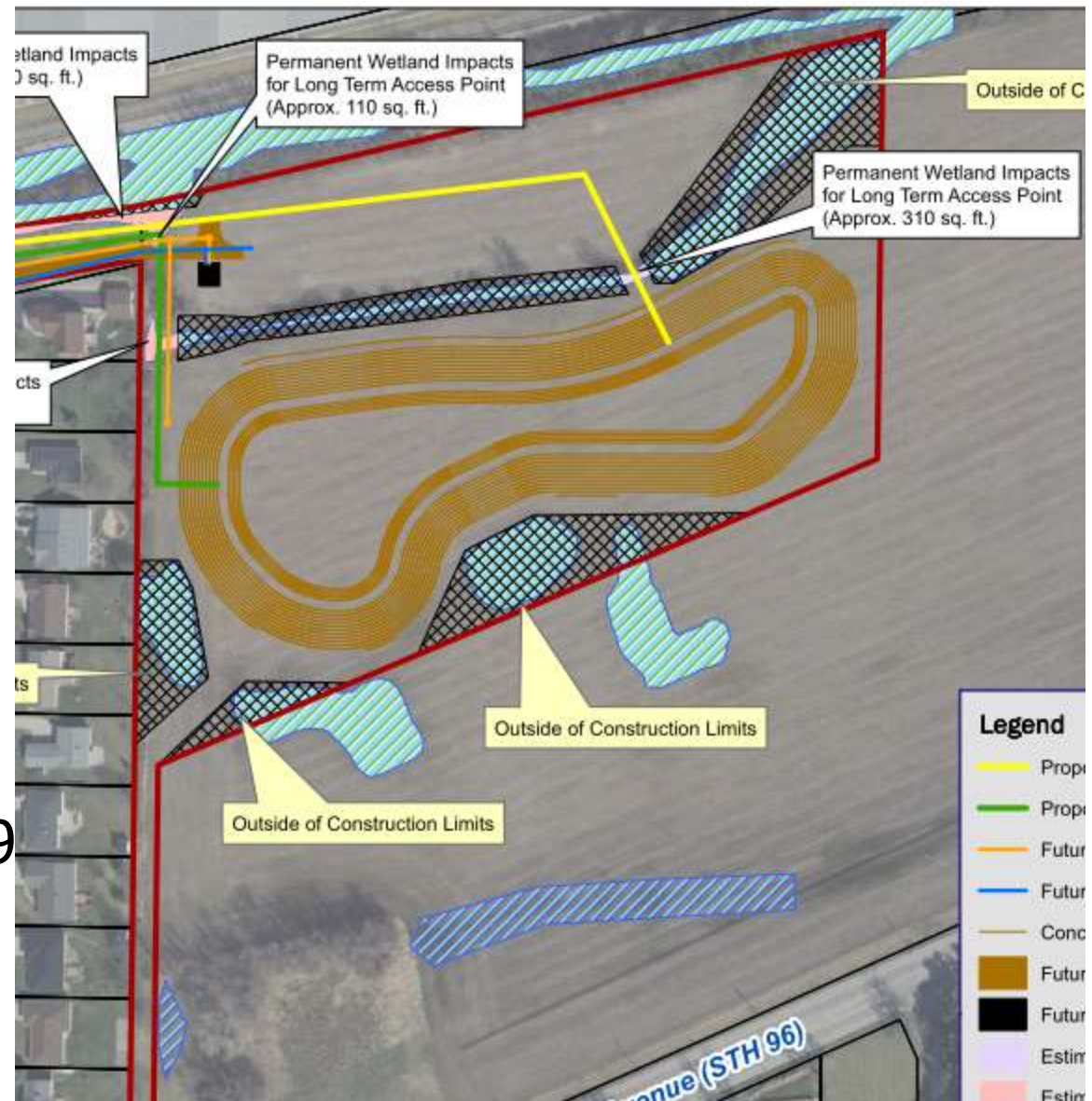
WisDOT/Valley Road Pond

- DOT- led project to expand existing pond
- Agreement approved by Council last November
- Pond construction 95% complete
- Site being buttoned up for winter
- Complete June 2019



Leona Street Pond

- DNR and ACOE permits received
- Urban NPS grant approved
- Waiting to hear on flood control grant
- Bidding December 2018 for January award
- Spring/Summer 2019 Construction



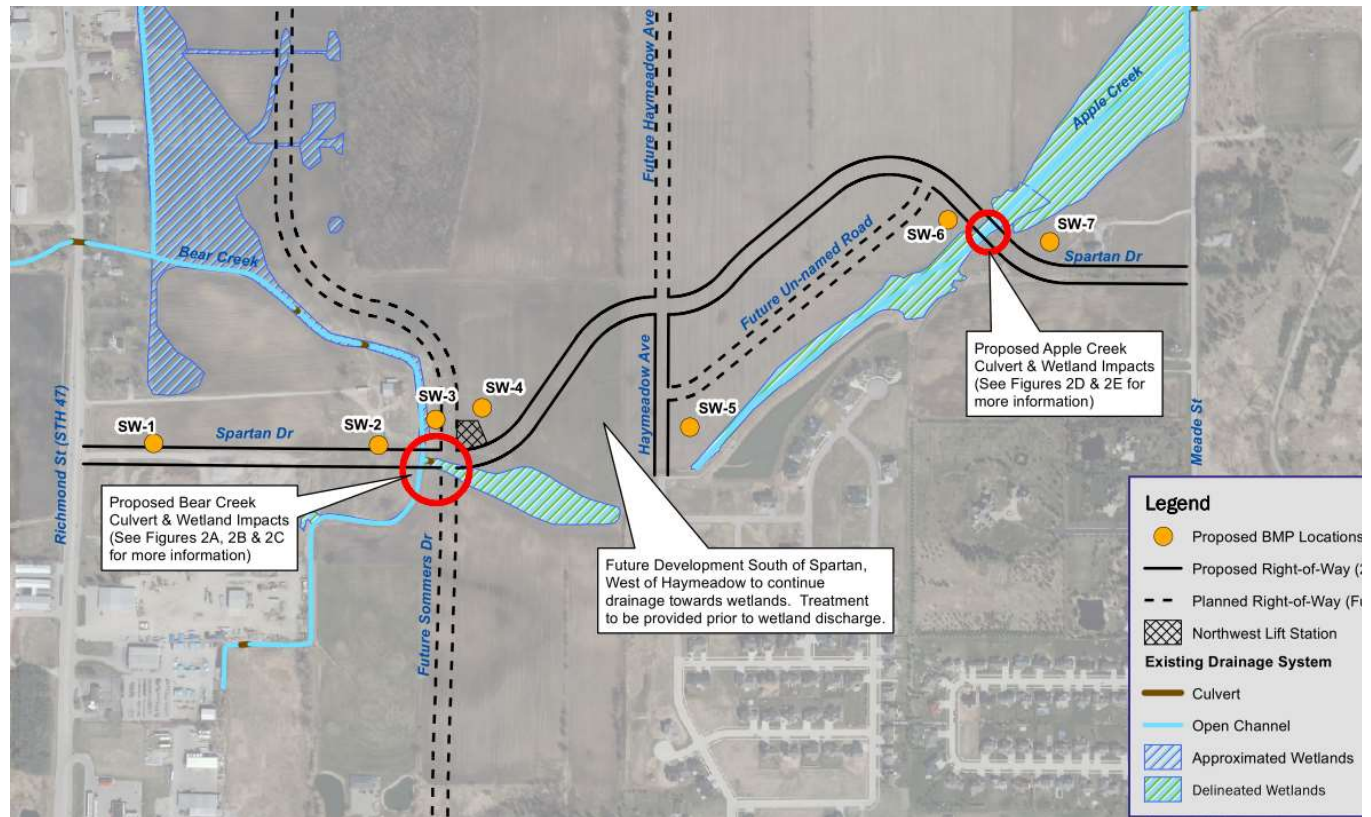
PaveDrain Permeable Pavement

- Pilot Projects at Fire Station #1 (2015) & Sandra St (2016)
- Flood Reduction and Water Quality
- Performance Monitoring is Ongoing



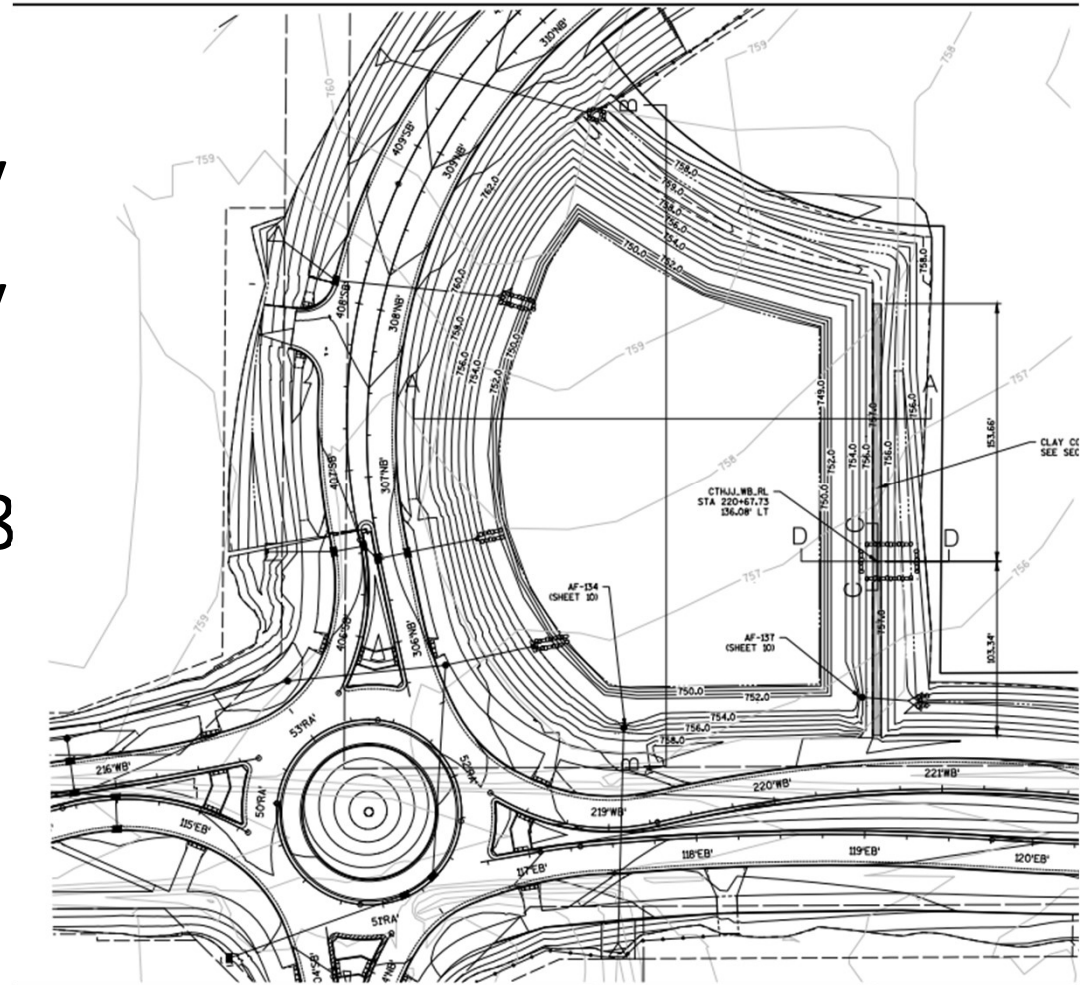
Spartan Drive

- 60% Design and Permitting in progress
- land acquisition complete on east side
- Development agreements anticipated over winter



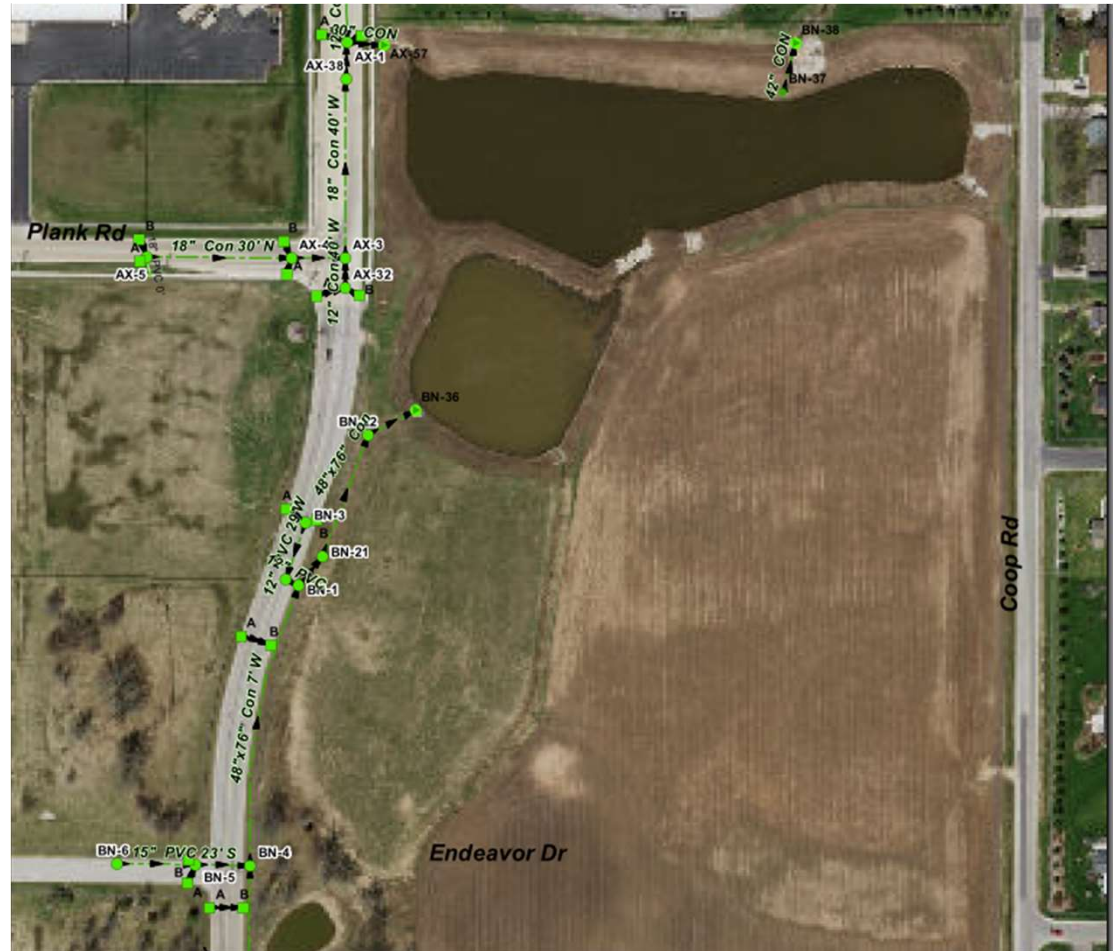
CTH JJ/Lightning Drive Pond

- Joint Project with Outagamie County
- Outagamie County began in 2017
- Completed in 2018



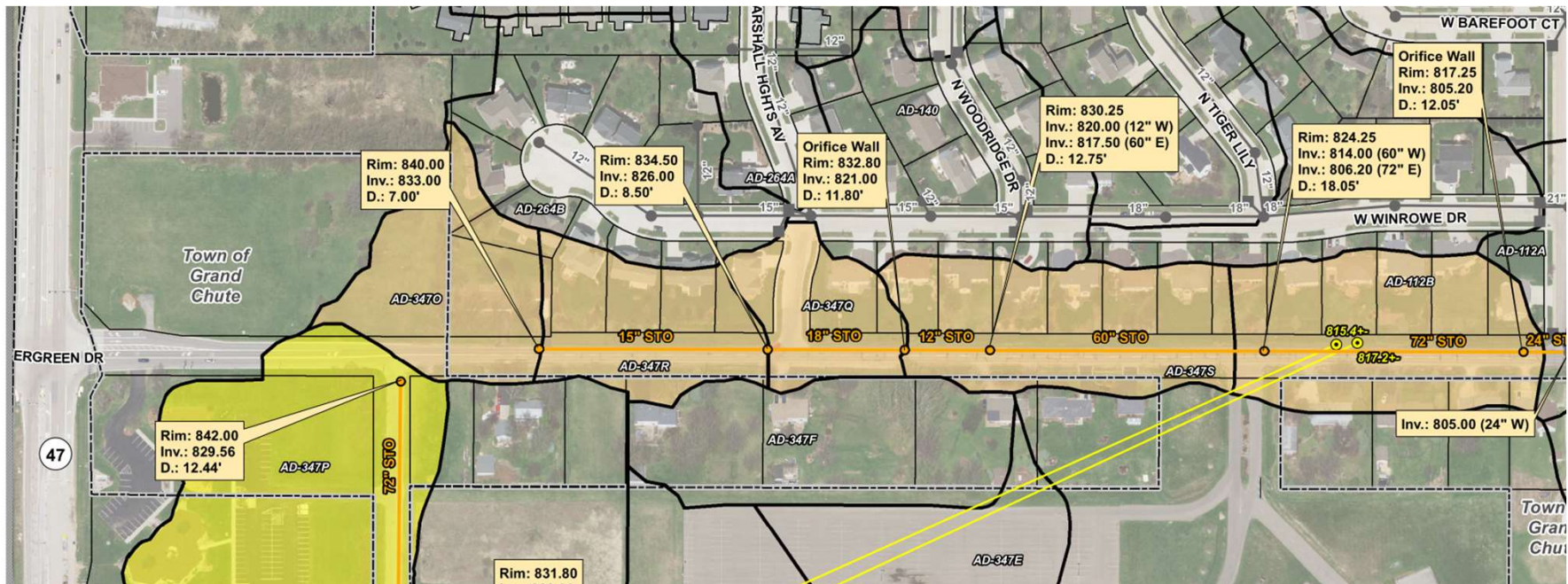
Coop Pond/Eisenhower Dr Sewer

- AECOM evaluated Pond function under current technical standards
- Additional storm sewer done in 2017
- Outlet structure modification done in 2018



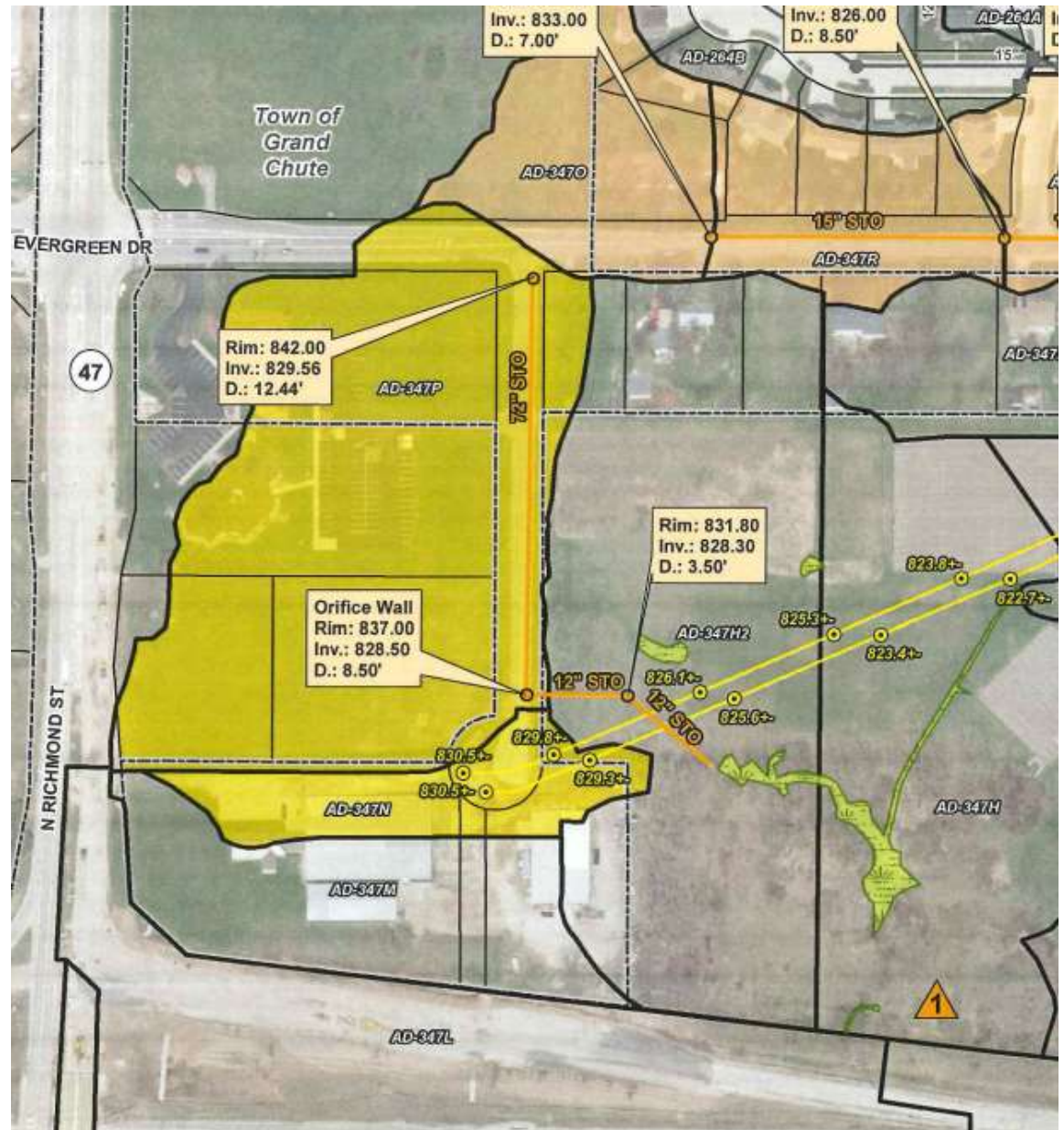
Evergreen Drive

- Joint project with Town of Grand Chute
- Need additional permit from WisDOT for connection to Richmond Street for sidewalks
- Storm sewer construction underway



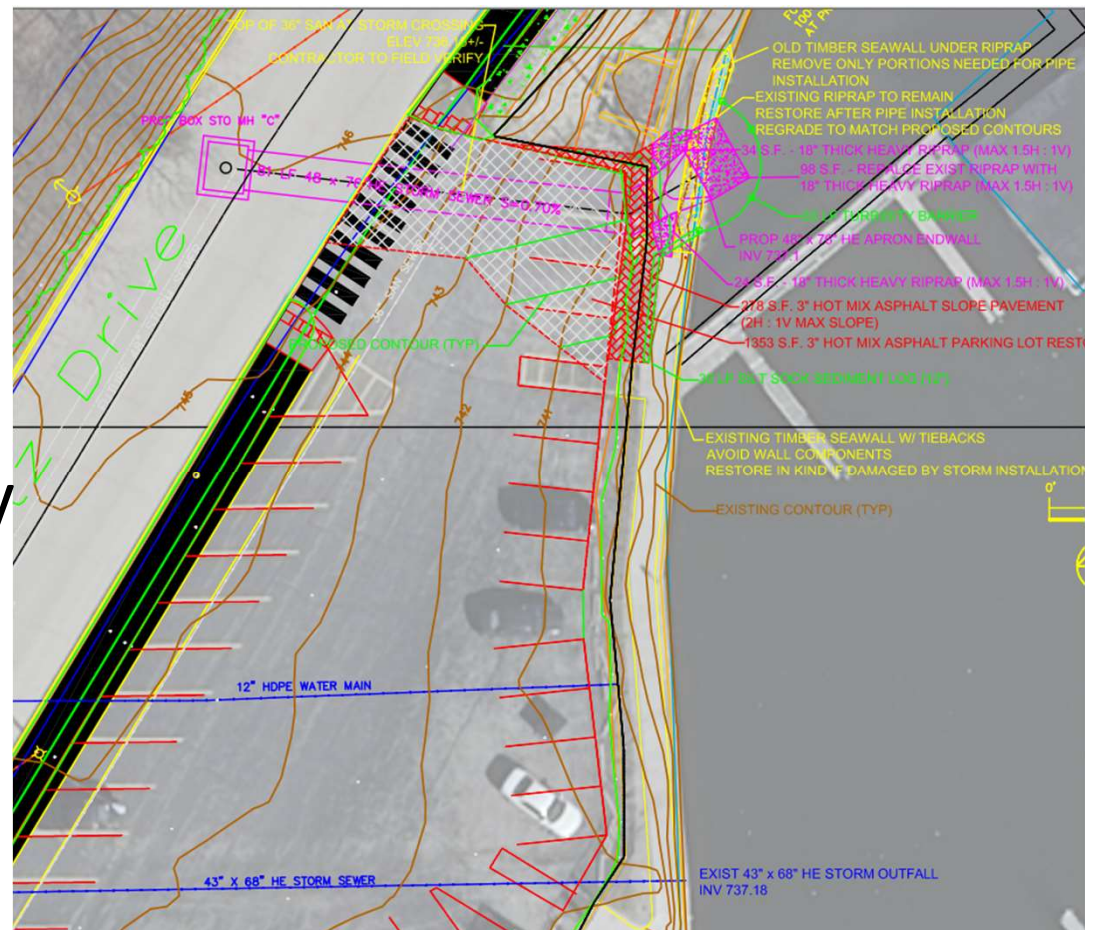
Alvin Street

- Refined Alternatives in coordinating w/ Church and new owner/developer
- Design and permitting in progress



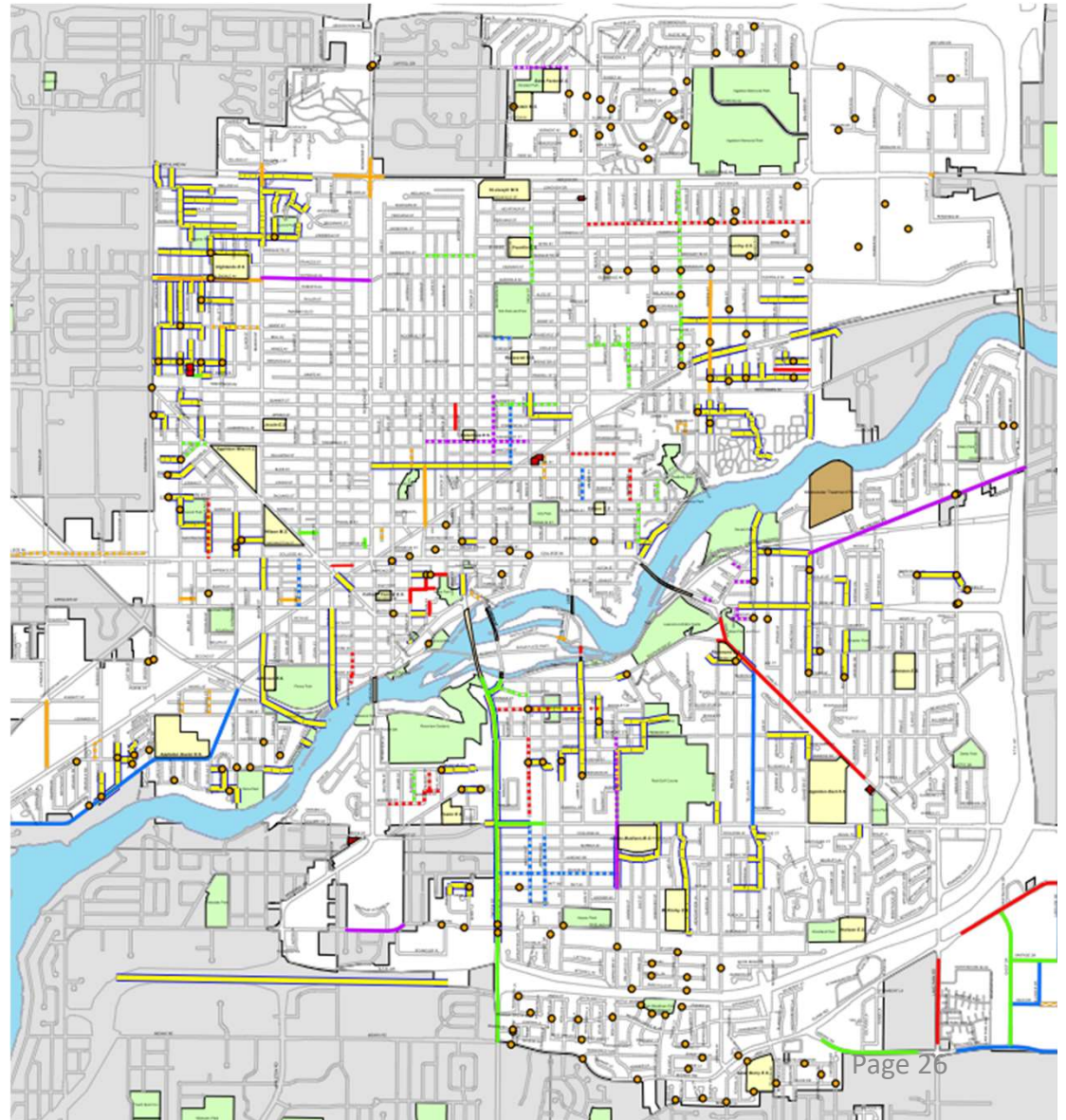
Lutz Drive Outfalls

- Part of Spencer/Locust Basin Study selected alternative to reduce flooding
- Yacht Club Parking
Completed in 2017
- Pierce Ave
Completed in 2018
- Upstream study refinement underway



Storm Sewer Upgrades

- Pursuing drainage study recommendations
- Coordinating with paving schedule where feasible



Preparing for 2019

- RFP issued October 5th
 - Stormwater Plan review for site plans and plats
 - North Edgewood Estates box culvert and access road
 - Newberry Street storm sewer evaluation prior to reconstruction
 - Lightning Drive extension stormwater management alternatives
 - Evaluation of K2A and K2B ponds and conveyance

Preparing for 2019

- Additional RFP's to be issued in January
 - Wetland delineations
 - On-going field screening for Illicit Discharge Detection and Elimination
- Future single source requests
 - Urban NPS Planning Grant application
 - Spartan Drive final design and bidding
 - French Road urbanization
 - Leona Pond Construction-Related Services

2018 Major Storms

- July 25 (1-hour, 10-year event in some areas)
- August 28 (1-hour, 25-year event in some areas)
- September 4 (saturated ground conditions)
- Additional dam inspections advised by DNR
- Arbutus Park stormwater lift station worked as intended
- Northland Pond on-line morning of August 28
- Modifications made to Memorial Park South Pond