

WOLF CREEK DRAIN

INFORMATIONAL MEETING 2015

BRIAN J. WENDLING
SAGINAW COUNTY PUBLIC WORKS COMMISSIONER



Introductions

Saginaw County Department of Public Works

- ▣ Brian J. Wendling

Saginaw County Public Works Commissioner

- ▣ Marya Colpaert P.E., LEED AP

Deputy Public Works Commissioner

HRC (Project Engineer)

- ▣ James Burton, P.E., LEED AP BD+C, CFM

Vice President in charge of the Environmental
Engineering Department

Project Background

- ▣ Drain Information
 - Year drain established: 1893
 - Miles of drain: Approximately 14 miles
 - Acres in established district: +/- 6436
 - Date of petition: August 13, 2014
 - Drainage district boundaries updated in 2015

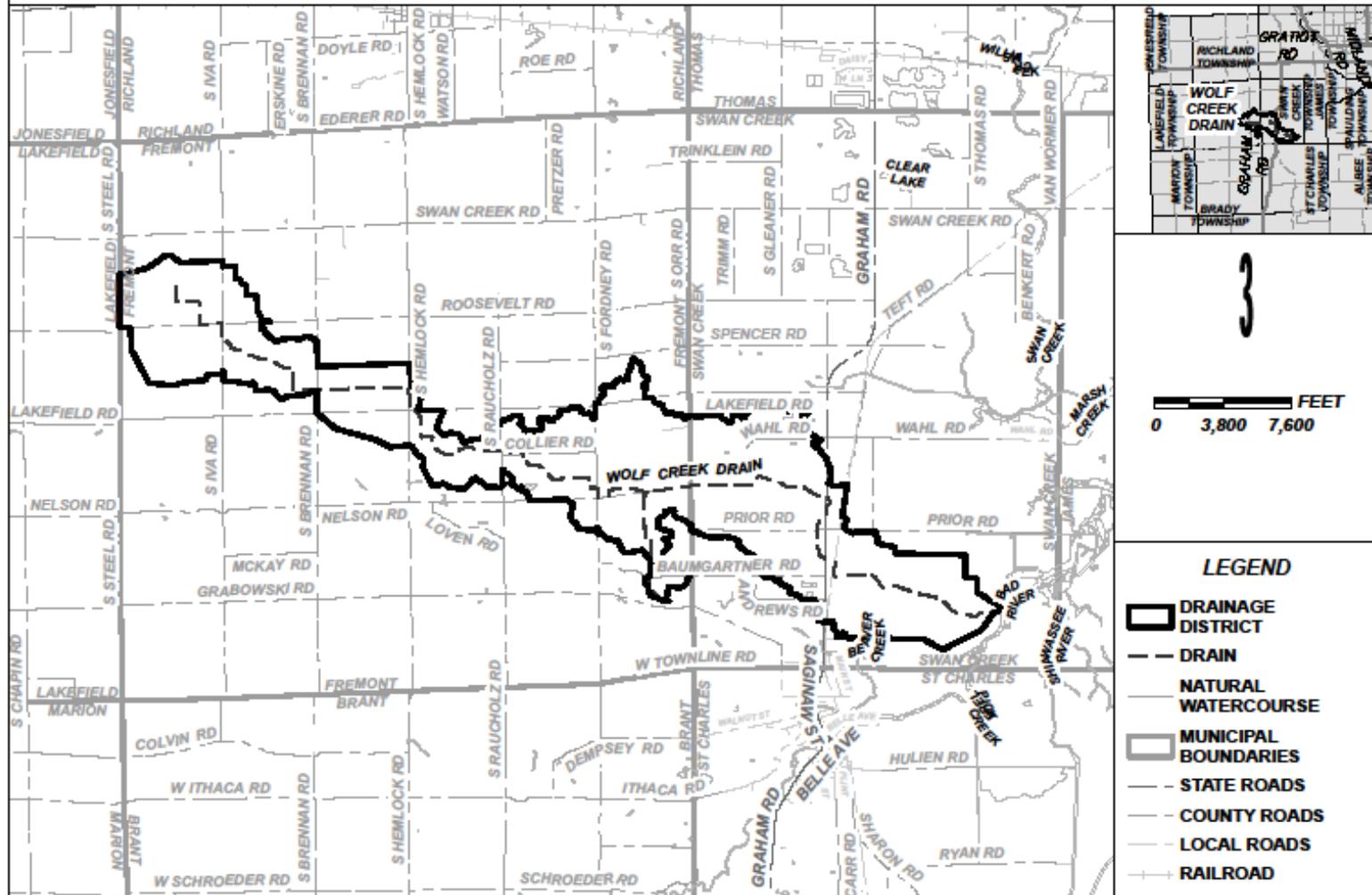
- ▣ Findings based on inspections and existing conditions

- ▣ Areas involved:
 - Road crossings
 - Channels
 - Wetlands
 - Outlets
 - Side drains

Overall Drainage District



EXHIBIT "B2" WOLF CREEK DRAIN DRAINAGE DISTRICT SAGINAW COUNTY PUBLIC WORKS COMMISSIONER BRIAN J. WENDLING



Observations

- ▣ Excessive vegetation
- ▣ Sedimentation
- ▣ Trees in drain
- ▣ Blockages
 - Fallen Trees
 - Log jams
- ▣ Culvert issues
 - Culverts elevations not providing positive drainage
 - Missing culverts
- ▣ Areas of the drain have stagnant water possibly due to downstream sediment
- ▣ Field Tiles
 - Buried or submerged

Recommendations

- ▣ Installing access for maintenance crews
- ▣ Clearing and Grubbing
- ▣ Clearing and Snagging
- ▣ Drain Cleanout
- ▣ Fix culvert issues
- ▣ Expose field tile

Maintenance Access



Clearing and Grubbing



Clearing and Grubbing



Clearing and Snagging



Drain Cleanout



Fix Culvert issues

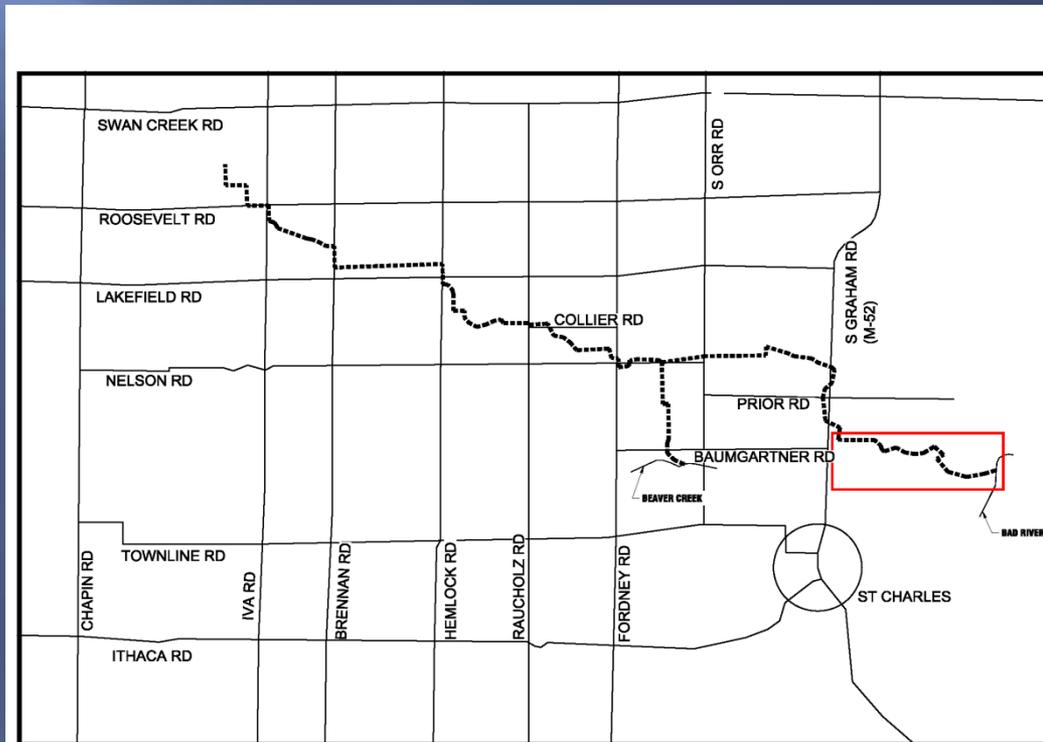


Expose Field Tile



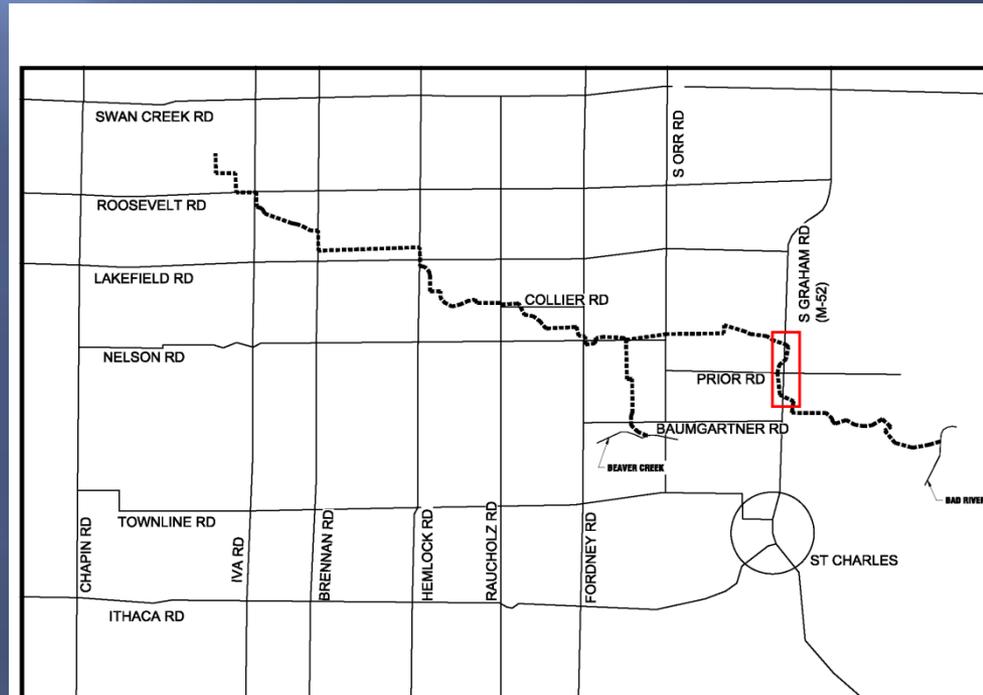
Segment A

- ▣ Bad River to Railroad Path
- ▣ Clearing and Snagging
- ▣ Clearing and Grubbing
- ▣ Maintenance access where practical



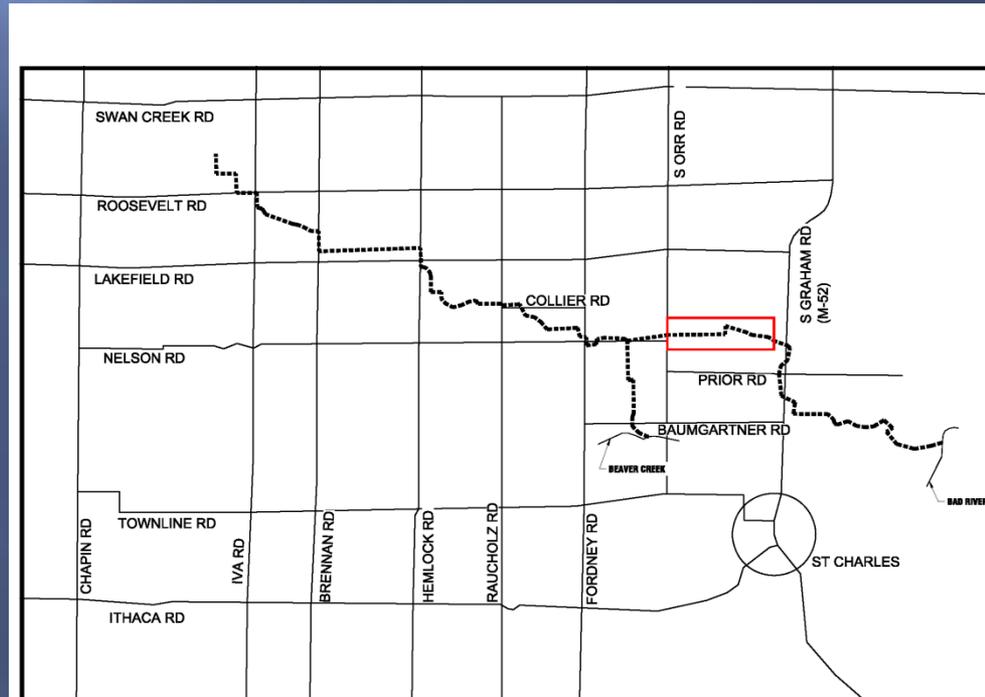
Segment B

- ❑ Railroad Path to Northern most Graham Rd
- ❑ Maintenance Access where practical
- ❑ Clearing and Grubbing
- ❑ Drain Cleanout
- ❑ Adjusting Culverts under Residential Drives
- ❑ Contractor working on West side of drain



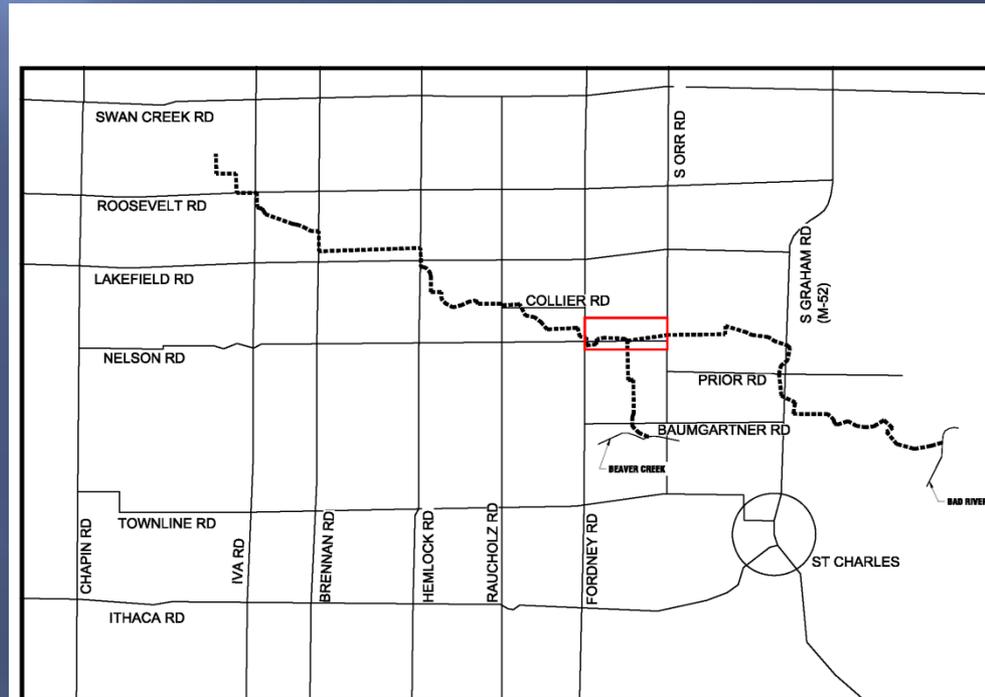
Segment C

- ▣ Graham Rd to Orr Rd
- ▣ Clearing and Grubbing
- ▣ Drain Cleanout
- ▣ Contractor working on North side of drain



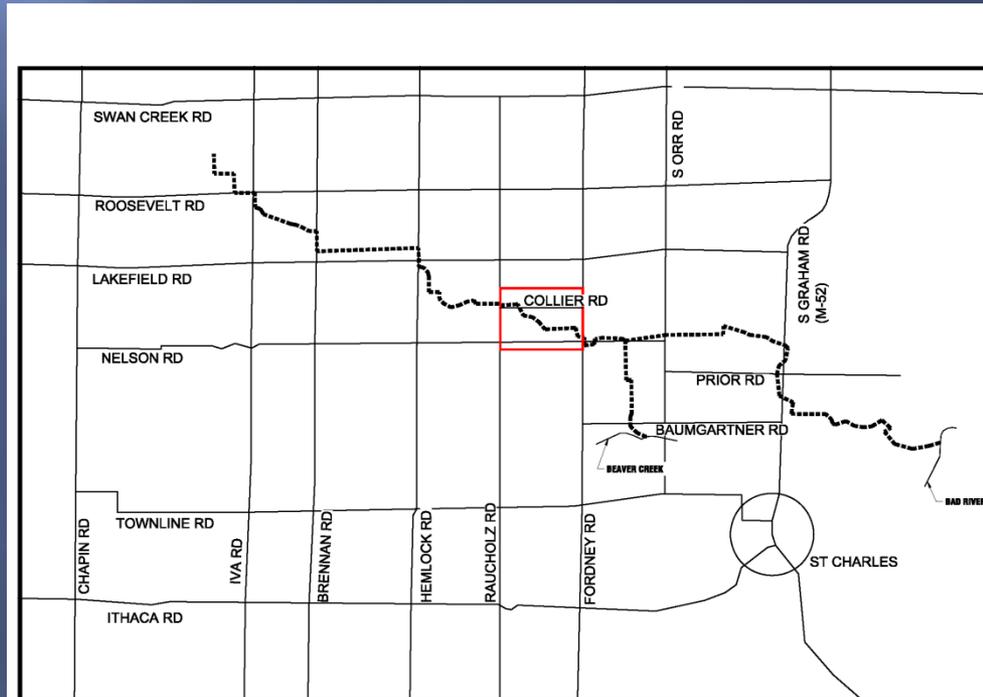
Segment D

- Orr Rd to Fordney Rd
- Drain Cleanout
- Install/Adjust Culverts to Restore Proper Flow
- Contractor working on North side of drain



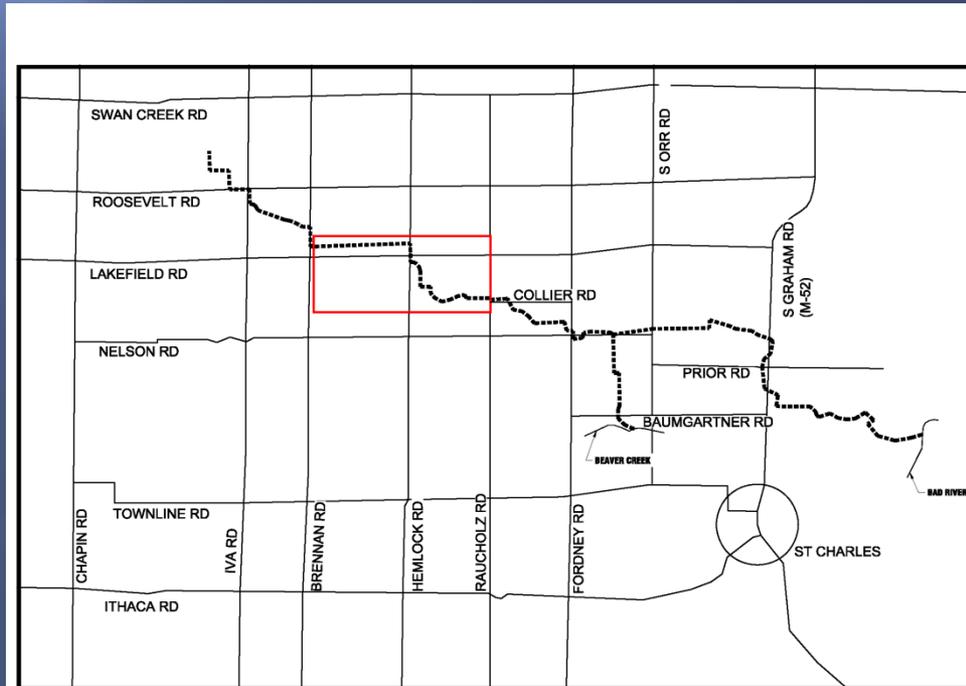
Segment E

- ▣ Fordney Rd to Raucholz Rd
- ▣ Clearing and Grubbing
- ▣ Drain Cleanout
- ▣ Contractor working on North side of drain



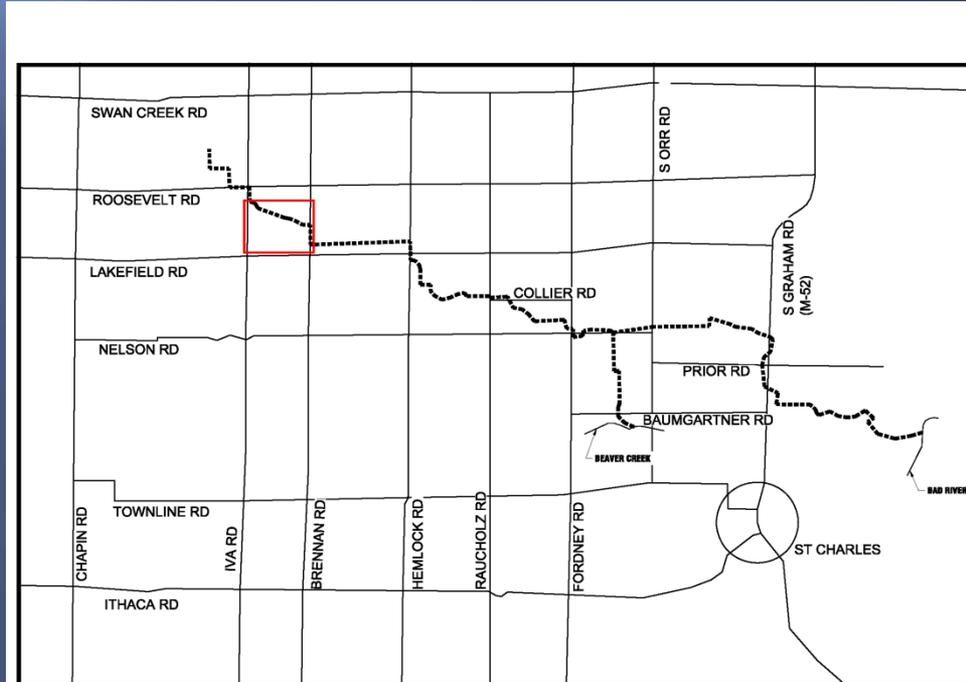
Segment F

- ▣ Raucholz Rd to Brennan Rd
- ▣ Drain Cleanout
- ▣ Clearing and Grubbing
- ▣ Contractor working on North and East sides of drain



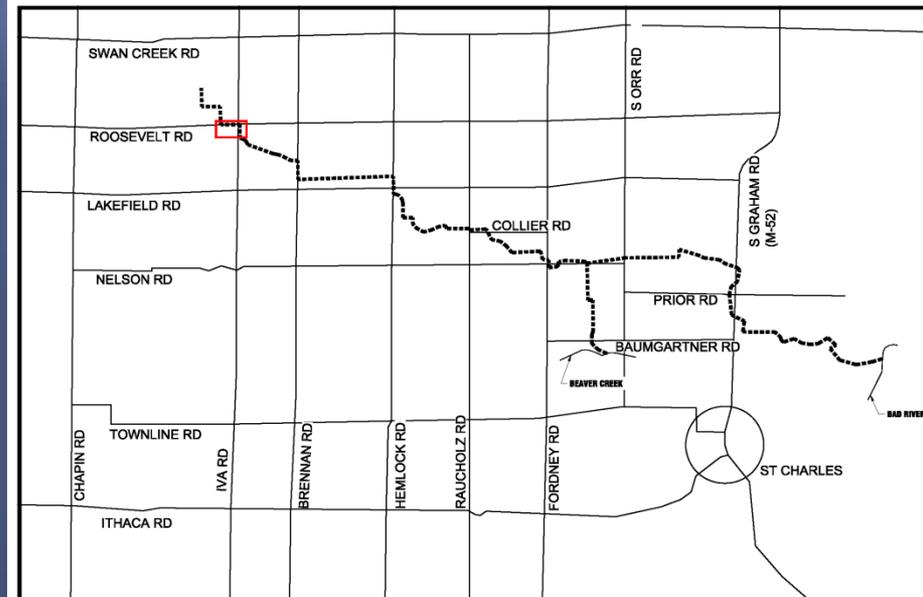
Segment G

- ▣ Brennan Rd to Iva Rd
- ▣ Install Maintenance Access
- ▣ Clearing and Grubbing
- ▣ Drain Cleanout
- ▣ Contractor working on North and East sides of drain



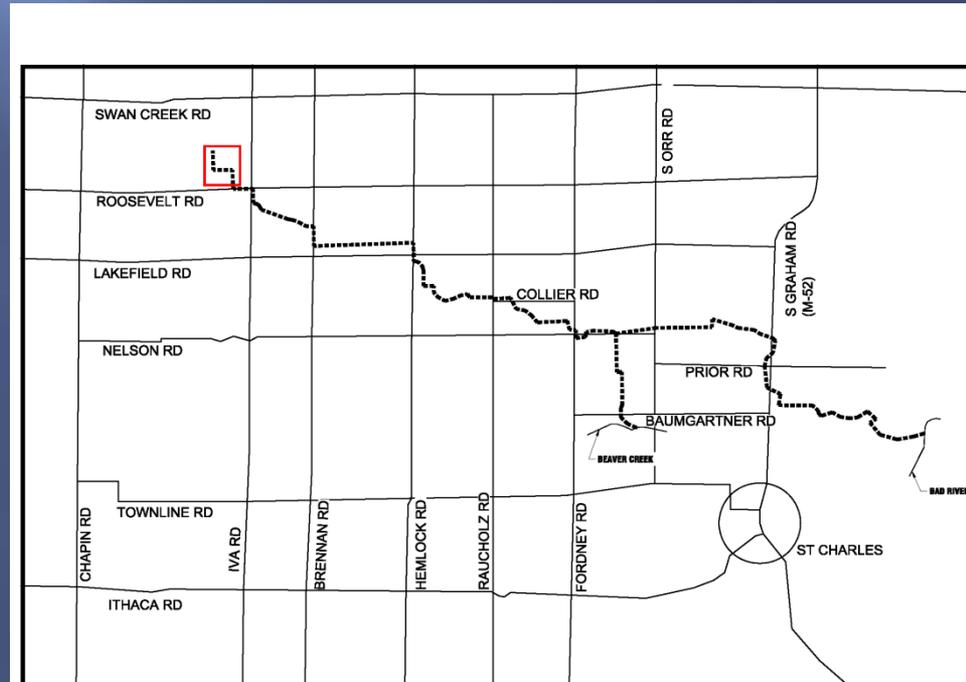
Segment H

- ▣ Iva Rd to Roosevelt Rd
- ▣ Drain Cleanout
- ▣ Replacing Culverts under Iva Rd, Residential Drive, and Roosevelt Rd
- ▣ Contractor working on North and East sides of drain



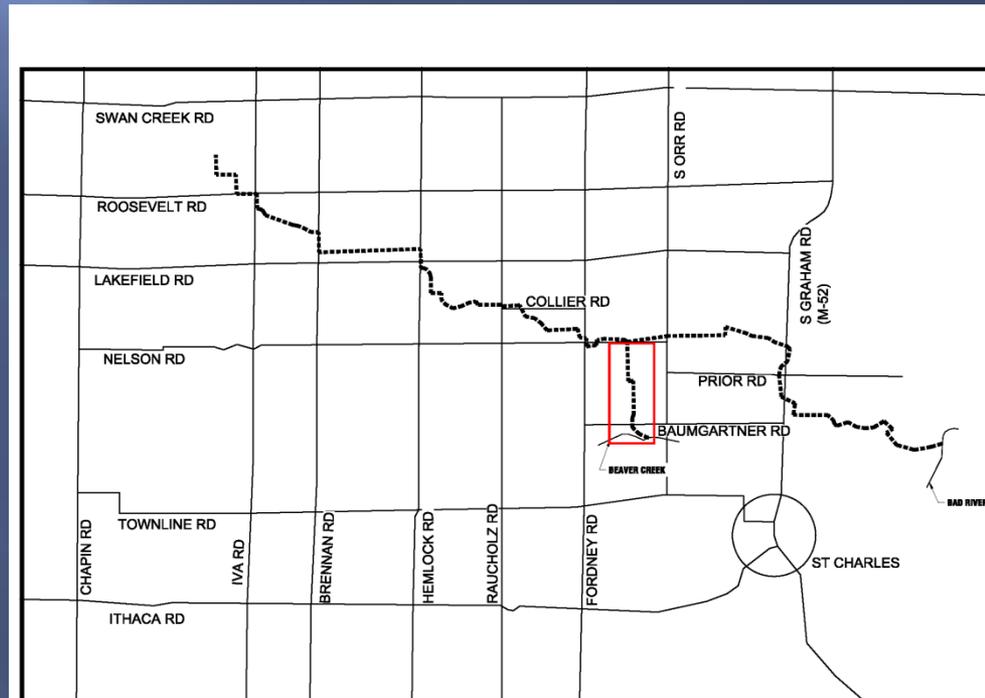
Segment I

- ▣ Roosevelt Rd to Northern Most Point
- ▣ Maintenance Access
- ▣ Clearing and Grubbing
- ▣ Drain Cleanout
- ▣ Contractor working on North and East sides of drain



Segment J

- ▣ Beaver Creek to Nelson Rd
- ▣ Maintenance Access
- ▣ Clearing and Grubbing
- ▣ Contractor working on East side of drain



Estimated Project Cost

- ▣ Estimated project costs \$1,115,000
- ▣ 457 parcels within the district

Next Steps

- ▣ Bid Date: 9/30/2015

- ▣ Day of Review of Apportionment (DORA)
 - 10/8/2015
 - 9:00 a.m. – 5:00 p.m.

Questions and Comments

General Questions in Group

Breakout Tables for Individual
Questions

Stagnant Water



Excessive Vegetation



Sedimentation



Trees in Drain



Culverts



Field Tiles

