West Golf Drive Manhole Replacement Public Information Meeting

January 9, 2020

6:00 PM

Presented by:
Howard Crofoot, P.E. – Director of Public Works
Dan Dreessens, P.E. – Project Engineer

Agenda of Meeting:

- Overview of the West Golf Drive Project
- Discussion on Inflow and Infiltration (I/I)
- Overview of the Work to be Completed
- Preliminary Schedule for the Project
- Answer General Questions
- End General Presentation and Answer Individual Questions
Project Contacts

City of Platteville:
Howard Crofoot, P.E.
Director of Public Works
608-348-9741, ext 2240
Email: Crofoot@Platteville.org

Adam Ruechel
City Manager

Delta 3 Engineering:
Dan Dreessens, P.E.
Project Engineer
608-348-5355, ext 1002
Email: dan@delta3eng.biz

Sean Dreessens
Design Engineer

2020 City of Platteville Projects
Project Details

- Budget = $100,000
- Anticipated Number of Manholes to be Replaced: 8 - 11
- Restoration:
  - Pavement Restoration
  - Landscaping Around Manhole and Other Disturbed Areas

Inflow and Infiltration (I/I)

What is it?

- Inflow: Additional unwanted water entering the wastewater collection system from an above-ground source.
- Infiltration: Additional excess water that seeps, trickles, or flows into old or damaged wastewater collection system through the surrounding soil.
Inflow and Infiltration (I/I)

Why is it important to minimize I/I?

- I/I decreases the efficiency and capacity of wastewater collection systems
- I/I contributes to hydraulic overloading of treatment processes, which can affect public health and safety and the community's compliance with state and federal water quality standards
- I/I can cause backflooding of sewers into streets and private properties.
Inflow and Infiltration (I/I)

Signs of I/I

- Greater than anticipated flows measured at wastewater treatment facilities
- Hydraulic overloading of treatment facilities indicated by “washout” of treatment processes
- Sewer system overflows or bypasses
- Lift station overflows
- Surcharging of manholes

Sanitary Manhole #70125

Example of Good Sanitary Manhole

Sanitary Manhole #70109
Signs of Inflow and Infiltration (I/I)

Sanitary Manhole #70109
Highest Priority Manholes

- Some tree removal may be required for manholes located in easement area
- If you think your tree will be damaged, please let us know as soon as possible
- Additional trees may be identified to be removed. We will contact you as soon as we know that your tree will need to be removed
Utility Outages?

- Sanitary Sewer will not be affected
- Water Main should not be affected
- Natural Gas and Electric should not be affected
- Phone and Internet should not be affected

Access During Construction

- There will be times when the street is blocked off
  - Typically only during the day
- There may be a time when you will be unable to access your driveway:
  - Work directly in front of driveway
- Please check the City’s website and social media sites for updates
2020 Project Schedule:

- Project will be bid out in the February 2020
- Water and Sewer Commission will award the project to the lowest bidder at first meeting in March 2020
- Construction may start as early as March 2020
- Construction and restoration will be completed in June 2020

What About the Drainage Way Between W. Golf Drive and Deborah Court?
What About the Drainage Way Between W. Golf Drive and Deborah Court?

- 2020 City Budget did not include funds to repair the drainage way
- Estimated Cost: $75,000 - $100,000
- Project will remain on the “Wish List” during 2021 budget review

COMMUNICATION!!!! IS THE KEY TO A SUCCESSFUL PROJECT

- If you have questions before the project, contact:
  - Dan Dreessens, Delta 3 Engineering (card by sign-in sheet)
  - Howard Crofoot, City of Platteville (card by sign-in sheet)

- If you have questions during the project, contact:
  - Dan Dreessens, Delta 3 Engineering
  - Delta 3 Engineering’s on-site inspector
  - Howard Crofoot, City of Platteville
  - Project’s contractor (TBD)

- Delta 3 Engineering will have an on-site inspector present 75% of the time

- There will be a second public information meeting in March 2020 for the project once the contractor(s) has been selected.
ANY GENERAL QUESTIONS?

FOR ATTENDING