

# Sewer Maintenance Fund

## Lining & Relay - \$28 Million

### 10 Miles of Sewer Relay and Lining

#### 2017 Major Projects:

- N. 26th St. – W. McKinley St. to 50' N. of W. Cherry St.  
1050' of 108" Sliplining \$2.8 M
- W. Greenfield Ave. – S. 17<sup>th</sup> St. to S. 26<sup>th</sup> St.  
3560' of 30"-42" Cured-in-Place Lining \$1.2 M



# I&I Reduction Projects - \$5 Million

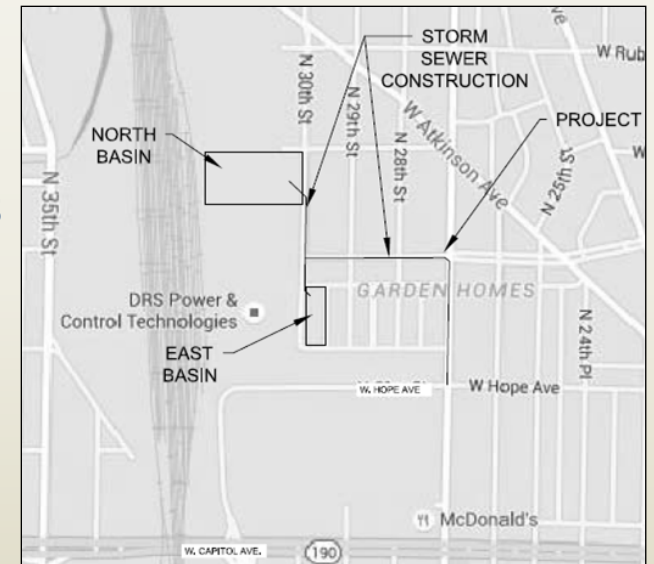
13 miles of sanitary sewer lining to reduce sewer backups

- Area Bounded By W. Oklahoma Ave. to E. Bottsford Ave. and S. Kansas Ave. to S. 13<sup>th</sup> St.  
68,000 FT of 8" to 12" Dia. Sanitary Sewer Lining - \$2.8 M
- Sanitary Manhole inspection and rehabilitation - \$1.0 M
- MMSD Private Property Inflow and Infiltration - \$1.65 M



# North 30<sup>th</sup> Street Corridor

- This is a joint City-MMSD flood mitigation project
- Multiple residential and business properties experienced repeated heavy flooding that caused over \$30 million in damages
- Two dry detention basins designed to capture over 40 million gallons of stormwater in the area north of West Townsend Avenue to Lincoln Creek and from North 27<sup>th</sup> Street to the rail road tracks east of North 35<sup>th</sup> Street
- Total Project Cost: \$17.5 Million: \$8.8 M City share to pay for conveyance piping and \$8.7 M MMSD share to pay for two detention ponds
- 2016 Sewer Maintenance Fund: \$6.0 M
- 2017 Sewer Maintenance Fund: \$2.8 M
- Contract was awarded in July 2016 with anticipated completion date of July 2018



# 2017 Water Quality Projects

## \$1.0 Million for 2017 Green Infrastructure Projects

- Proposed Bioswale Locations

- S. 76<sup>th</sup> St: S. Honey Creek Dr. to W. Waterford Ave.
- E. Oklahoma Ave: S. Superior St. to S. Clement Ave.
- W. Bradley Ave: N. 51<sup>st</sup> St to N. 124<sup>th</sup> St.
- W. Burleigh St: N. 92<sup>nd</sup> St. to Menomonee River Pkwy.
- W. Hadley St: N. 92<sup>nd</sup> St. to N. Colonial Dr.
- W. Roosevelt Dr: N. 27<sup>th</sup> St. to N. 30<sup>th</sup> St.
- W. Highland Blvd: N. 12<sup>th</sup> St. to N. 27<sup>th</sup> St.

- Green Streets Program was started in 2008:

- 168 Bioretention Beds by the end of 2016
- 12 Green Alleys
- All alleys on the 2017 paving program will be considered for the Green Alley Program



# Flood Mitigation Program

- 2017 budgeted amount: \$1.5 M for phase 2 of Copernicus Park
- Negotiations ongoing between Milwaukee County Parks and the City for implementing flood control projects in Copernicus and Dineen Parks

