

# Department of Public Works Sewer Maintenance Fund

2016 Budget

#### Sewer Maintenance Lining & Relay - \$30.6 Million

### 16 Miles of Sewer Relay and Lining 2016 Major Projects

- W. Keefe Ave. (N/S) N. 17<sup>th</sup> St. to N. 22<sup>nd</sup> St.
   2,000 FT of 42"x54" and 60" Dia. Comb. Sewer Lining
   1,300 FT of 12" Dia. Comb. Sewer Relay \$1.7 M
  - W. Keefe Ave. (S/S) N. 17<sup>th</sup> St. to N. 24<sup>th</sup> St.
     3,250 FT of 60" Dia. Comb. Sewer Lining \$3.5 M



N. 30<sup>th</sup> St. Corridor – N. 27<sup>th</sup> St.; W. Roosevelt Dr.; N. 30<sup>th</sup> St.

New Storm Sewer & Paving Restoration \$1.5 M

(\$3 million from 2015)



### I&I Reduction Projects - \$5 Million

## 17 miles of sanitary sewer lining projects in three areas to reduce sewer backups

- Area Bounded By W. Center St. to W. Vienna Ave. and N. 59<sup>th</sup> St. to N. Argonne Dr. 74,000 FT of 8" to 15" Dia. Sewer Lining \$2.9 M
- Area Bounded By W. Cleveland Ave. to W. Arthur Ave. and S. 67<sup>th</sup> St. to S. 71<sup>st</sup> St. 7,400 FT of 8" and 10" Dia. Sewer Lining \$309,000
- Area Bounded By W. Montana St. to W. Oklahoma Ave. and S. 44<sup>th</sup> St. to S. 49<sup>th</sup> St. 6,600 FT of 8" Dia. Sewer Lining \$280,000
- Sanitary Manhole inspection and rehabilitation
- MMSD Private Property Inflow and Infiltration \$1.65 M



### Sanitary Pump Rehabilitation – \$0.70 Million

- Pump Inspection and Testing Contract
- Pump Rehabilitation Project
  - Major rehab at 3 sites; minor rehab at 8 sites



Old



New

#### 2016 Water Quality Projects

#### \$1.0 Million for 2016 Green Infrastructure Projects

#### Bioswales

- W. Roosevelt Dr: N. 27<sup>th</sup> St. to N. 30<sup>th</sup> St.
- N. 76<sup>th</sup> St: W. Lisbon Ave. to W. Potomac Ave.
- Other locations being evaluated

#### Green Alleys

 3-5 alleys with permeable pavement incorporated into their reconstruction





## Flood Mitigation Program Budgeted Amount- \$4.7 M

Copernicus Park Flood Control Project – Phase 1

- Dineen Park Flood Control Project
  - Being done in cooperation with Milwaukee County to use park land to address flooding.
  - Worked with residents to identify potential park enhancements in addition to detention facilities.



