After the storms of 2005 and 2006 the city made a commitment to our residents and businesses to keep stormwater management at the top of our priority list.

I am pleased to report that during my tenure the city has upheld that commitment and reported our plans and progress to you annually.

The construction projects and maintenance activities outlined in this newsletter attest to the fact that minimizing flooding through responsible stormwater management practices remains among our highest priorities.

Mayor Susan A. Drucker

Council
Ward 1: Douglas A. Magill
Ward 2: Robert N. Pelunis
Ward 3: Jeffrey M. Pedecino
Ward 4: Marc R. Kotora
Ward 5: Nancy E. Meany
Ward 6: Edward H. Kraus
Ward 7: William L. Russo

City Employees
John J. Busch, PE City Engineer
Dan Driscoll Construction Project Administrator
Tom Bandiera Director of City Services
Bill Drsek Assistant Service Director
Marcia Rizzo Construction Secretary

Stormwater Committee
Hal Becker, Chairman
Ken Hejduk
Charles DeBordeau
Lou Ferri
Kerry Volsky
Roger Newberry

July 2016 - June 2017

Maintaining Stormwater Management Facilities

Solon Girl Scouts installed curb markers on catch basins with the "No Dumping! Drains to Waterways" message.

City of Solon

34200 Bainbridge Road | Solon, OH 44139

440-248-1155 | www.SolonOhio.org

Visit our Stormwater Program link on the city’s website
2016 Construction Projects

- **Cochran Road Phase 1** - Reconstructed the concrete pavement and replaced the storm sewer from Carter Street to Ambina Drive.
- **Brainard Road Culvert Replacement** - Replaced a 100 year old failing culvert with a new 5’x3’ pre-cast concrete culvert.
- **SOM Center Road Storm Sewer** - Replaced one segment of storm sewer on the east side of SOM Center, north of Petibone Road.
- **Cannon Road Sidewalk Project** - Sidewalks along with a new storm sewer system were installed on the south side of Cannon Road, west of Harper Road.
- **Annual Sewer Grouting** - Grouted joints on sanitary and storm sewer mains to eliminate sinkholes, inflow and infiltration issues. Also epoxy lined 10 leaking manholes.

Sanitary and Storm System Repair Program

- 9 catch basins were repaired and replaced throughout the city and a new one installed.
- 13 storm/sanitary sewer laterals were repaired or replaced.
- Cleaned the creek behind the triangle south of Aurora Road.
- Cleaned the creek behind the Water Reclamation Facility and stabilized the embankment with armour rock.
- Placed armour rock on the east bank of the creek that runs along Camp Industrial Parkway near Solon Road.
- **Brainard Road Culvert Replacement**

**2016 Sewer Division Accomplishments**

- City owned detention and retention basins were inspected and cleaned as needed. 44 Home Owner Associations and other privately owned detention and retention basins were also inspected.
- Sanitary sewer mains were cleaned on 23 streets and 6 subdivisions.
- City crews cleaned catch basins on 21 streets.
- City crews televised and inspected sanitary and storm sewer systems throughout the city.
- City crews performed rehabilitation of 66 catch basins throughout the city.
- There are 160 locations throughout the city that were inspected and cleaned monthly and before and after rain events.
- Performed smoke testing on McAfee and Sherwood Drive to locate inflow and infiltration.

**Brainard Road Culvert Replacement**

- East Side of Brainard Road (Old Headwall)
- West Side of Brainard Road (Old Headwall)
- Contractor removing culvert
- New culvert and 48” storm sewer pipe
- Forming foundation for west side headwall
- Brainard Road repaired and re-opened

**Concrete poured for west side headwall**

**Completed headwall on the east side**

**Completed headwall on the west side**

**2017 Preventative Maintenance & Activities**

- Perform inspections and maintenance of all city owned detention or retention basins and inspect all Home Owner Association and other privately owned detention and retention basins.
- Annual cleaning in the sanitary mains and catch basins.
- Perform preventative maintenance TV inspection of both sanitary and storm sewer systems.
- Check the flood control list monthly and before and after rain events.
- Monitor selected storm sewer outfall locations after 72 hour period of no rain to look for stormwater pollution.

**2017 Design and Construction Projects**

- **SOM/Aurora Road Intersection Improvements**
- **Cochran Road Reconstruction Phase II from Carter Street to Glenwillow**
- **Briarhill Drive Culvert Replacement**
- **Miles Road Sanitary Sewer Replacement Project**
- **Roxbury School Storm Sewer Replacement**
- **Valley Forge Stream Restoration Project**
- **Bainbridge Road Culvert Repair at Old Harper Road**
- **Sherwood Drive Culvert Replacement**
- **Annual Sanitary and Storm System Repair Program**
- **Annual Sewer Grouting Program**
- **Copley Avenue Pavement and Storm Sewer Improvement**
- **Sharondale Drive Storm Sewer Replacement**

**Waste Water Reclamation Equalization Tank Project**

This photograph is an example of an equalization tank similar to the one being constructed this summer to regulate the flow rates to our wastewater treatment plant and will have the capacity to hold 1.7 million gallons of water during heavy rain events.