

2014 PROJECTS

THE PRESERVE SUBDIVISION STORMWATER MODIFICATIONS PHASE III

Excavate the stream channel, reconfigure the outlet structure and restore any disturbed areas by replanting.

BRIDLE TRAIL SANITARY SEWER FORCE MAIN REPLACEMENT

Sanitary sewer force main is planned to be replaced.

LINDEN DRIVE RECONSTRUCTION

New storm and sanitary sewer mains and laterals to the right of way, with new pavement on Linden Drive from SOM Center Road to Solon Blvd.

PEPPERWOOD DRAINAGE IMPROVEMENTS, PHASE IIA

Construct a new detention basin on Timberlane Drive for Pepperwood subdivision.

BRAINARD ROAD CULVERT

Replace the 100 year old concrete storm sewer culvert under Brainard Road north of Cannon Road.

HUNTERS RIDGE INFRASTRUCTURE IMPROVEMENT PROJECT

Replace storm and sanitary sewers, water lines and pavement on Hunters Ridge.

FOX RUN STORM SEWER REPLACEMENT

Replace the storm sewer through an easement off of Fox Run.

SANITARY AND STORM SYSTEM REPAIR

Repair sewer and drainage problems as needed.

CATCH BASIN AND MANHOLE REPAIR

Repair catch basins and manholes throughout the city.

SEWER GROUTING

Sewer grouting of various storm and sanitary sewers throughout the city with comprehensive manhole and lateral sealing on Duneden Avenue.



As a Citizens Storm Water Committee member, I am fortunate to be informed on a regular basis about the city's storm water management efforts. Their continuous pollution preventative activities protect our environment and drinking water.

Their ongoing preventative maintenance and repair programs show true dedication to managing and improving our underground infrastructure. These activities are so vital to the quality of our everyday life and yet we, and many other communities, so often take them for granted.

The committee and I are very pleased with all the measures that have taken place throughout the years to help minimize city and residential flooding and drainage issues.

Sincerely,

Hal Becker
Citizens Storm Water Committee, Chairman



The City Of Solon

OFFICE OF THE MAYOR

34200 Bainbridge Road
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In the annual newsletter, we typically report the city's plans and accomplishments in improving and maintaining our sewer and drainage systems. This year, however, we have devoted a portion of this newsletter to showing you some of the common causes of residential sewer and drainage problems.

When called to a resident's home experiencing a sewer or drainage problem, usually resulting from a storm, the Sewer Division often finds that the issue is located on private property. In this situation, it is the homeowner's responsibility to address the issue.

Because many of these problems can be prevented, we have included some simple steps that you, as the homeowner, can take to reduce the possibility of experiencing a private property sewer or drainage problem.

Please take time to review this information and assess the drainage systems on your property. We hope you find these preventative maintenance measures helpful.

Mayor Susan A. Drucker

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Ward 4 Marc R. Kotora
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Roger Newberry
Holly Boykin

City Employees

John Busch, PE City Engineer
Tom Bandiera Director of City Services
Dan Driscoll Construction Project Administrator
Bill Drsek Sewer Division Manager
Marcia Rizzo Sewer Division Secretary



CITY OF SOLON STORM WATER UPDATE



before



after

Gabion baskets along Camp Industrial Parkway were replaced in 2013



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Private Property Problems and Solutions

Clean sewer lines regularly and inspect the condition of the pipe. Regular maintenance and clearing the lines prevents root growth inside the pipes. Schedule a contractor to inspect and clean roots and debris from sewer pipes and laterals especially if drainage is slow.



Sinkholes could be a sign of a deeper problem. Eliminate the hazard of tripping and storm water infiltration by filling with #57 limestone. If it could be over a sewer pipe contact a contractor to check for breaks and leaks.



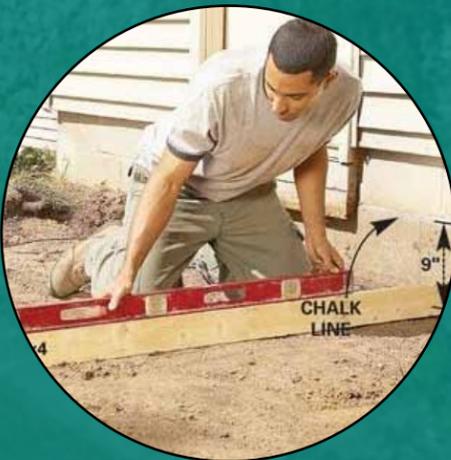
Repair or replace visible shallow broken pipes to prevent storm water from infiltrating your sewer system and eliminate the chance of clogging.



Remove accumulated debris from the bottom of garage, driveway and outdoor drain.

A list of registered contractors is available from the Building Department or online at www.solonohio.org

Grade your property to drain away from your house.



Prepare your gutters and downspouts for the rainy season by removing leaves and debris at least twice a year.



Rake or brush away leaves and debris from yard and driveway drains to prevent them from clogging.



Check and clean culvert pipes routinely to prevent minor buildups from escalating into a clogged pipe.

DETENTION BASIN INSPECTION AND MAINTENANCE CHECKLIST

- Mow your basin as needed during the growing season.
- Clean accumulated sediment out of the stream or concrete channel.
- Clean debris and obstructions from inlet and outlet pipes, headwall and stream channel.
- Repair erosion with grass seed and straw fabric.
- Inspect for clear vehicle and equipment access to outlet structure.
- Record and report annually your inspection and maintenance activities to the Service Department, 6600 Cochran Road, Solon, OH 44139 or email to mrizzo@solonohio.org



Check for trash, sediment or other debris that may be blocking the inlet or outlet pipes or emergency spillway.

Remove accumulated sediment with a shovel and wheelbarrow if it is blocking water flow. Small amounts can be spread evenly on upland areas.



Mow grass and vegetation and weed whip where necessary. Less frequent mowing causes collection of large amounts of brush which could cause blockages.