

Project Fact Sheet
Town of Guilderland - McKownville Neighborhood
Stormwater, Drinking Water, & Road Improvements Project

Neighborhood Improvement Association Meeting
October 19, 2017

Background

The Hamlet of McKownville, a residential and commercial neighborhood at the eastern end of the Town of Guilderland, has experienced chronic drainage problems for many decades. In 2010 the Town retained Delaware Engineering to assess the drainage problems and provide recommendations to mitigate the situation.

Working with State representatives, Senator Breslin, Assemblywoman Fahy and Senator Amedore, the Town has secured \$3.25 million in grants to advance a stormwater improvement project. ..To maximize the value of this project, the Town Board has also determined that certain drinking water and roadway improvements be accomplished at the same time as the stormwater project.

Stormwater System Upgrade

The stormwater improvement project will include construction of new conveyance piping and catch basins in alleyways and streets. The new stormwater conveyance system will also provide residential area drains to property owners identified as experiencing flooding problems. A new 36" diameter storm sewer will be constructed south on McKown Road to an outfall on the west branch of the Krumkill. The affected streets to receive new drainage are Knowles, Waverly, Norwood, Glenwood, Parkwood, East Parkwood, W. Parkwood, Elmwood, Warren, Mercer, Providence, Tracy and Ann Streets.

Drinking Water System Upgrade

The original water system within McKownville consisted of 4" and 6" Asbestos Cement Pipe (ACP). Upgrades have been made to the water distribution system on the north side of Western Ave to 8" Ductile Iron Pipe. The last major upgrade was made in 1987. The watermain upgrade project north of Rt. 20 will include the replacement of approximately 7,000 ft. of mainline pipe and 96 water services.

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Additional ACP water mains will also be replaced west of Fuller Road; however, the timing of this replacement will depend upon the availability of funding. The water system upgrade would increase the mainlines to 8" Ductile Iron Pipe. This upgrade would provide approximately 6,000 feet of new watermain, hydrants and valves and 130 water service connections.

Street Resurfacing and Sidewalk Upgrades

The construction of underground storm and water utilities will require complete restoration of the associated roadways and some restoration of sidewalks disturbed for the installation of residential services. In some instances, the roadways may be lowered 6" to 8" to improve stormwater runoff from residential properties to the street.

The existing topography and densely populated mature trees make lowering the road surface to its original subdivision grades unlikely.

Anticipated Project Timeline

- START CONSTRUCTION: JUNE 2018
- SUBSTANTIAL COMPLETION: JUNE 2019
- FINAL COMPLETION: DECEMBER 2019