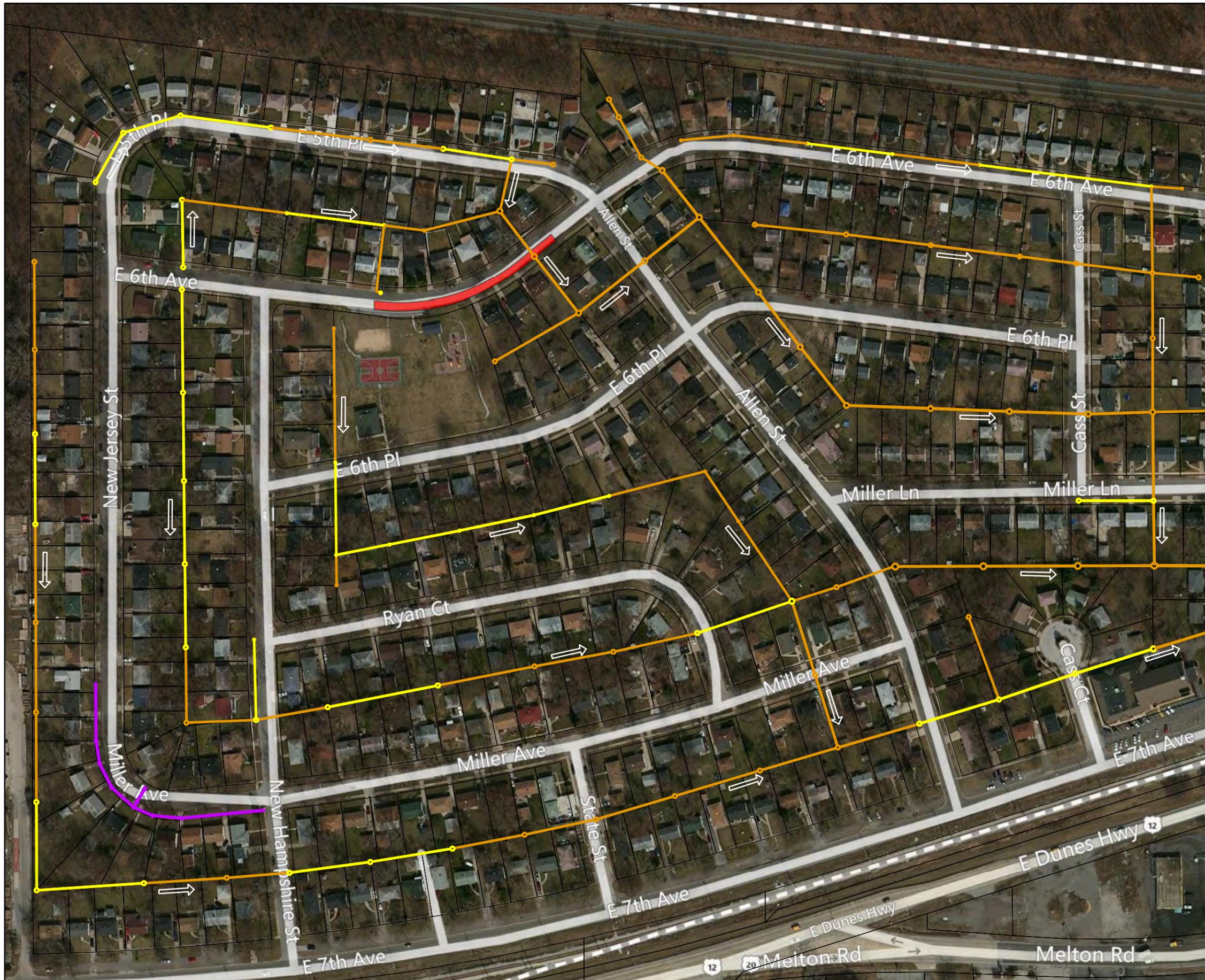




# Section 219, Glen Ryan Sewer Improvement Project

U.S. Army Corps  
of Engineers  
Chicago District



## Legend

-  12" Preforated Pipe
-  Prop. Sewer Lining
-  Existing Sewer
-  Pavement Regrading
-  Parcels

Date: 9/24/2012



1 in = 200 ft

## PROJECT PURPOSE

The project area is part of the Glen Ryan Subdivision located between 7th Avenue and N.Y.C. R.R. West of Gibson Street in Gary, Indiana. The sewers in Glen Ryan are combined sanitary and storm sewer systems that consist of defective clay pipes that have failed/collapsed and do not convey runoff properly. The proposed project would improve drainage and reduce flooding within this neighborhood. The additional reliability of the storm sewer system would alleviate the periodic street and basement flooding and sewer backup problems affecting the neighborhood.

## PROJECT DESCRIPTION

The project will consist of rehabilitating the system with approximately 4500 LF of 12-in Cured-In-Place Pipe (CIPP), 500 LF of 18-in CIPP, 600 LF of 12-in perforated HDPE (High Density Polyethylene) and associated 4-ft diameter perforated manholes and drainage catch basins. A French-drain system will also be installed to collect runoff to alleviate ponding water in the street. This project also includes regrading a section of roadway by adding a new layer of surface asphalt that will drain runoff to an existing catch basin.

## PROJECT AUTHORITY

The project is authorized under Section 219 of the Water Resources Development Act (WRDA) 1992, as amended by Section 504 of WRDA 1996, Section 502 of WRDA 1999, and by Section 108 of the Consolidated Appropriations Act of 2001. Section 219, as amended, allows the Army Corps of Engineers to provide planning, design and construction assistance for carrying out water-related environmental infrastructure projects in select areas. The project under this authority are cost shared 75% Federal and 25% Non-Federal Sponsor.

## NON-FEDERAL SPONSOR

Gary Storm Water Management District, City of Gary, Lake County, Indiana.

## CONSTRUCTION CONTRACT INFORMATION

Contract was awarded to the low bidder Fuel Tank Maintenance of Cookeville Tennessee on May 25, 2012 for the amount of \$846,987.00. Field construction work is projected to begin in Sept. 2012.