

**If you have any questions or concerns before or during these projects, please feel free to contact Rich Haytas or Kurt Roedema at 201-432-1150.**

**Newark Ave.**

This work shall include the removal and replacement of the combined sewer system on Newark Ave., from James Avenue to Summit Avenue. This work shall consist of the replacement of manholes, service laterals, catch basins and approximately 1,595 linear feet (lf) of 42-inch reinforced concrete pipe (RCP), 2,260 lf of 30-inch RCP, 25 lf of 24-inch RCP, 237 lf of 18-inch RCP and 305 lf of 12-inch RCP for a total of approximately 4,420 lf of sewer pipe. In addition, due to the deterioration of the water main, this project will also include the replacement of approximately 3,940 lf of 6-inch water main with new 8- inch ductile iron pipe (DIP). Included with this water main are new valves, service connections and fire hydrants. This work will start on approximately July 1<sup>st</sup>, 2014 and should take approximately 390 working days to complete. This work will be performed at night.

**Sip Ave.**

This work shall include the removal and replacement of the tide gate regulator and combined sewer system on Sip Ave., between Routes 1&9 and Emerson Ave. This work shall consist of the replacement of manholes, service laterals, catch basins and approximately 770 linear feet (lf) of 6ft. x 10 ft. reinforced concrete box culvert, 410 lf of 60-inch reinforced concrete pipe (RCP), 160 lf of 36-inch RCP, and 320 lf of 15-inch RCP for a total of approximately 1,660 lf of sewer pipe. This work will start on approximately July 1st, 2014 and should take approximately 180 working days to complete.

**Trenton Street**

This work shall include the removal of the existing combined sewer system on Trenton Street, and replacement with a new separated system consisting of separate sanitary and storm sewer mains. This work shall consist of the replacement of manholes, separate storm and sanitary laterals for each resident, catch basins and approximately 590 linear feet (lf) of 8-inch PVC sanitary sewer pipe, 555 lf of 12-inch PVC storm sewer pipe, and 15 lf of 8-inch ductile iron pipe (DIP) (storm sewer) for a total of approximately 1,160 lf of separated sewer pipe. This work will start on approximately July 1st, 2014 and should take approximately 180 working days to complete.

### **Summit Ave.**

This work shall include the removal and replacement of the combined sewer system on Summit Ave., between St. Pauls Ave. and Hopkins Ave. This work shall consist of the replacement of manholes, service laterals, and approximately 275 linear feet (lf) of 12-inch PVC. This work will be near the end of the design stage and will be bid sometime in the near future.

### **Brown Place**

This work shall include the removal and replacement of the existing catch basins, manholes, service laterals and combined sewer pipes on portions of Brown Place, Princeton Ave. and Linden Ave. This work will consist of approximately 610 linear feet (lf) of 32-in. x 49-in. reinforced concrete pipe (RCP) and 50 (lf) of 60-in. (RCP) on Brown Place from Garfield Ave. to Princeton Ave. Princeton Ave. work will begin at Brown Place consisting of 560 (lf) of 38-in x 60-in. (RCP) and 690 (lf) of 34-in. x 53-in. (RCP), ending at Linden Ave. The sewers on Linden Ave. starting near Linden Court shall consist of approximately 270 (lf) of 32-in. x 49-in. (RCP) and 460 (lf) of 36-in. (RCP) and end half way between Ocean Ave. and Bergen Ave. This work will begin on approximately July 1st, 2014 and should take approximately 365 Calendar days from the project start date to complete.

### **Duncan Avenue**

The Duncan Ave. Outfall Replacement Project includes the replacement of the existing outfall pipes, manholes, catch basins and the realignment of the existing water main from Routes 1 & 9 to the western end of Duncan Ave. near the Hackensack River. This project involves adjusting the slope of the existing 84-in. outfall pipe slope, to optimize design flows, for approximately 970 linear feet (lf) to a new manhole. New 84-in. reinforced concrete pipe (RCP) shall be installed from here approximately 1200 (lf) to a concrete chamber by Routes 1 & 9 where four (4) 42-in. ductile iron pipes (DIP) will convey the flow under existing utilities from a chamber on the northeast side of Routes 1 & 9 approximately 100 (lf). These flows will be conveyed, from dual 60-in (DIP) pipes, via the newly constructed tide gate chamber.

Due to the numerous utilities in the area, this project also entails the relocation of the PSE&G owned 24-in. gas main, 8, 6, 4 and 2-in. gas lines, a relocation of an existing J.C.M.U.A. 16-in. (DIP) water main and the relocation of a 36-in. telephone (fiber optic) cable. In addition, the JCMUA will be relocating the 8-in. potable water main on the south east side of Duncan Ave. to

the north east side of the street. This will include 2,500 (lf) of 8-in. (DIP) water main, all valves, fittings, fire hydrants and copper service lines up to the shut-off near the curb. This work will start on approximately July 1st, 2014 and should take approximately 480 Calendar days from the project start date to complete.