

EAST MAIN STREET

INFRASTRUCTURE
IMPROVEMENT PROJECT

2017

Sanitary Sewer Main Improvements

1728 FEET

of 8" to 20" CLAY SEWER MAIN REPLACED



FROM THIS

TO THIS



PROBLEMS SOLVED BY PIPELINE REPLACEMENT

- 131 YEAR OLD VITRIFIED CLAY SEWER MAINS WERE NOT INSTALLED TO CURRENT STANDARDS
- SEWER FLOW RESTRICTED WITH ROOT BLOCKAGES
- ALLOWED GROUND WATER TO ENTER INCREASING TREATMENT COSTS
- RESTRICTED ROUTINE MAINTENANCE AND INSPECTIONS DUE TO PARTIAL PIPE COLLAPSES
- PIPES NOT PITCHED CORRECTLY RESULTING IN SMELL AND SURCHARGE CONDITIONS

LATERALS & CLEANOUTS



FROM THIS

TO THIS



846 FEET OF 4" and 6" CAST IRON OR CLAY SEWER LATERALS
REPLACED WITH PVC WITHIN THE ROAD RIGHT OF WAY

40 TWO WAY CLEANOUTS INSTALLED
SEWER LINES CAN BE CLEANED OR INSPECTED
FROM CLEANOUT TO HOUSE OR CLEANOUT TO
SEWER MAIN WITHOUT OPENING SEWER IN HOME



MANHOLES



8 BRICK MANHOLES

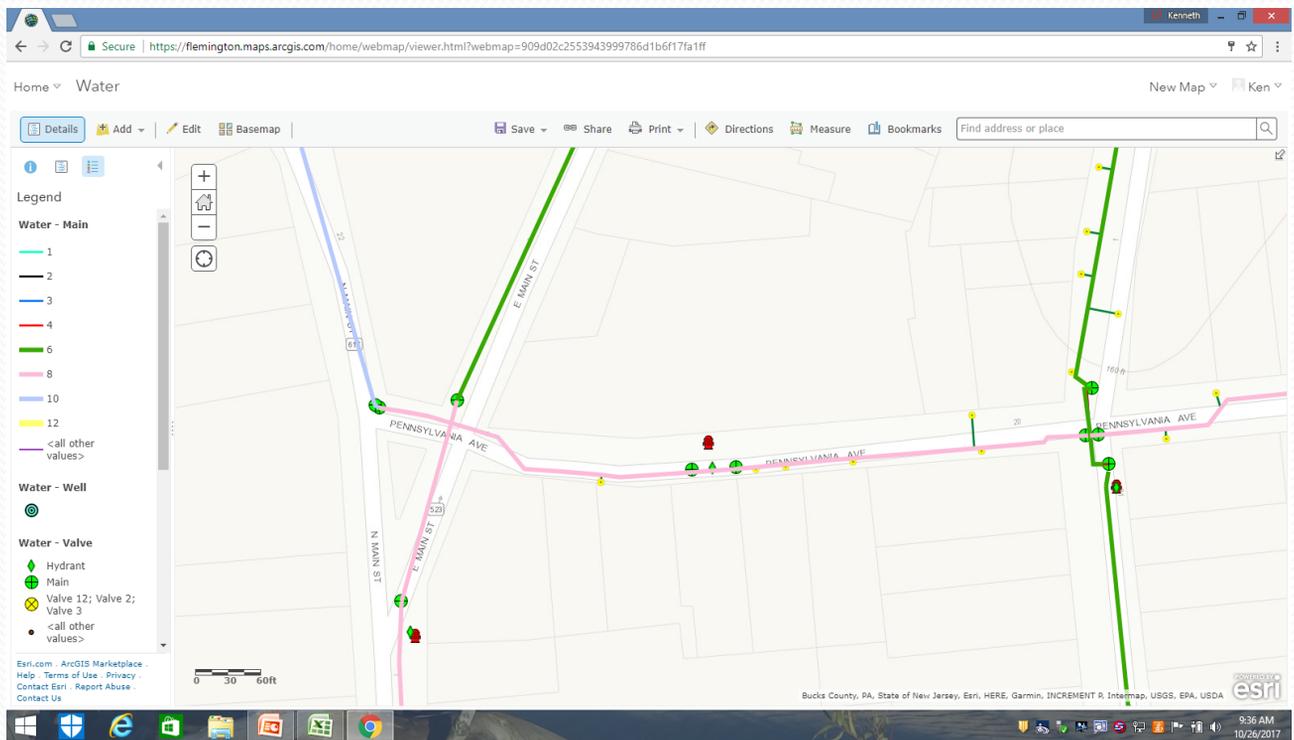
REPLACED WITH
PRECAST MANHOLES



GIS / GPS PHOTO ARCHIVES

All storm, sanitary sewer, and water improvements have been mapped and represented within Flemington's GIS system.

- helps locate utilities faster in emergency situations



Water System Improvements

3070 FEET OF 1" to 10"
WATER MAIN REPLACED



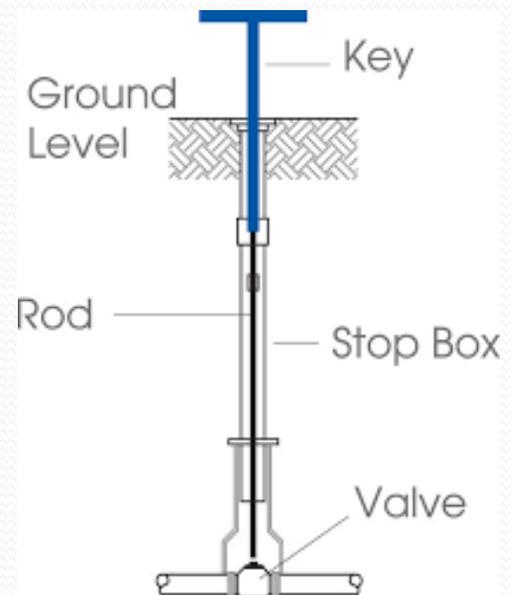
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WATER SERVICES AND SHUTOFFS

- 50 water shutoff or “curb boxes” replaced
- If the interior water shutoff fails in a structure water can be shutdown to the structure at the curb



Storm Water Catch Basins

- 12 catch basins rebuilt or replaced



- Rebuilt storm water system will prevent water from freezing in winter and pooling in summer within the road