

PWD FLOOD RELIEF PROGRAM PHASE 6

South Kensington Neighborhood

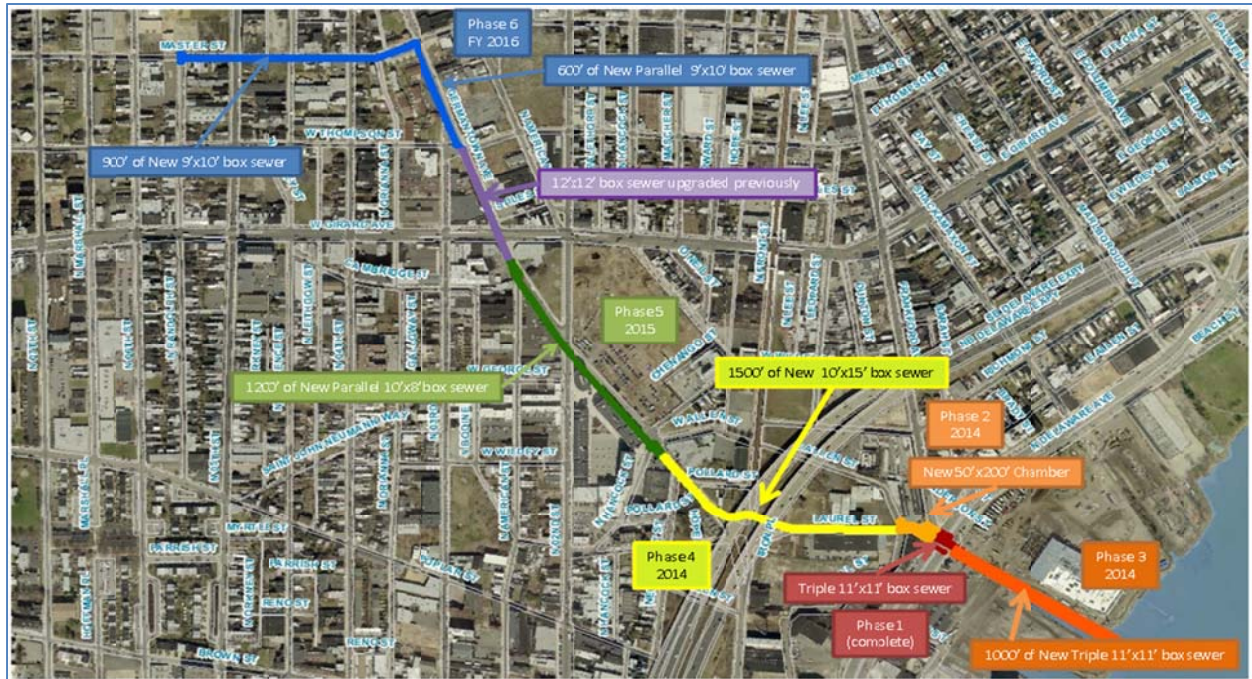
Phase 6 Scope of Work

- 1,500 LF of new 9'x10' box sewer, 3 diversion/junction/transition chambers and associated sewer connections
- 2,200 LF of replacement water main and associated work (6-inch to 48-inch)
- Integrated green infrastructure
- Streetscape (along alignment)
 - Full street and sidewalk restoration
 - New ADA compliant curb ramps
 - Street trees



Project Alignment

Flood Relief Program Phases



FLOOD RELIEF PROGRAM GOAL:

Minimize flooding on streets and in basements by increasing the capacity of the sewer infrastructure to convey water away from residences and businesses.

PROJECT BENEFITS...Environmental, Aesthetic, Financial, Safety, Quality of Life

- Increased reliability of sewer service
- Reduced risk of flooding
- Reduced pollution in local waterways
- Aesthetic restoration of sidewalks, curbs, and streets
- Installation of new ADA-compliant ramps and pavement
- Cleaner air and improved aesthetics from use of recessed planter beds as Green Streets component
- Minimized service disruption due to ongoing coordination with SEPTA, PECO, PGW, and telecommunications companies

Preliminary Schedule

- Complete Design (December 2015)
- Bid Period/Contractor Award (2016)
- **Stage No. 1: ~5 Months**
 - Thompson Street Junction Chamber
 - January 2017 to May 2017
- **Stage No. 2: ~6 Months**
 - Germantown Avenue box sewer and Master Street Transition Chamber
 - June 2017 to November 2017
- **Stage No. 3: ~14 Months**
 - Master Street box sewer and Randolph Street Diversion Chamber
 - December 2017 to January 2018



Typical Box Sewer Construction

