

**Sanitary Contract 985 – Rehabilitation of the High Level Interceptor**

November 1, 2021

To whom it may concern,

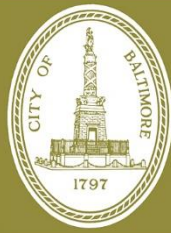
Below is the construction status of project SC985.

**Project Limits**

The SC985 work area is within the High Level Sewershed and includes work beginning at the intersection of W. Baltimore St and Ellicott Driveway extending across the southern portion of the City ending at the intersection of North Broadway and E Chase Street where flows are merged with the Jones Falls Force Main and continues out to the Back River Treatment Facility. The rehabilitation scope includes sewers, manholes, special chambers, and disconnecting house connections from the High Level Interceptor. Structural rehabilitation of the interceptor will extend the useful life of the pipe for another 50 – 100 years and reduce the probability of failures in the system, such as sinkholes, that result in costly emergency repairs. The High Level Interceptor presents various construction challenges throughout the alignment, such as:

- Age – built in the early 1900's
- Pipe size – ranging from 33" to 100"
- Pipe depth – up to 40' deep
- Pipe geometry – sweeping pipe bends and sections of flat-top pipe
- Urban location
- Large flows – peak dry-weather flows can exceed 50 million gallons per day (MGD)
- Lack of redundancy – full bypass required
- Siphon chamber under I-83

This project will have impacts to the 9<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> Councilmatic districts which includes 17 community associations as shown in the map below.



# Department of Public Works Wastewater Project SC985 High Level Interceptor

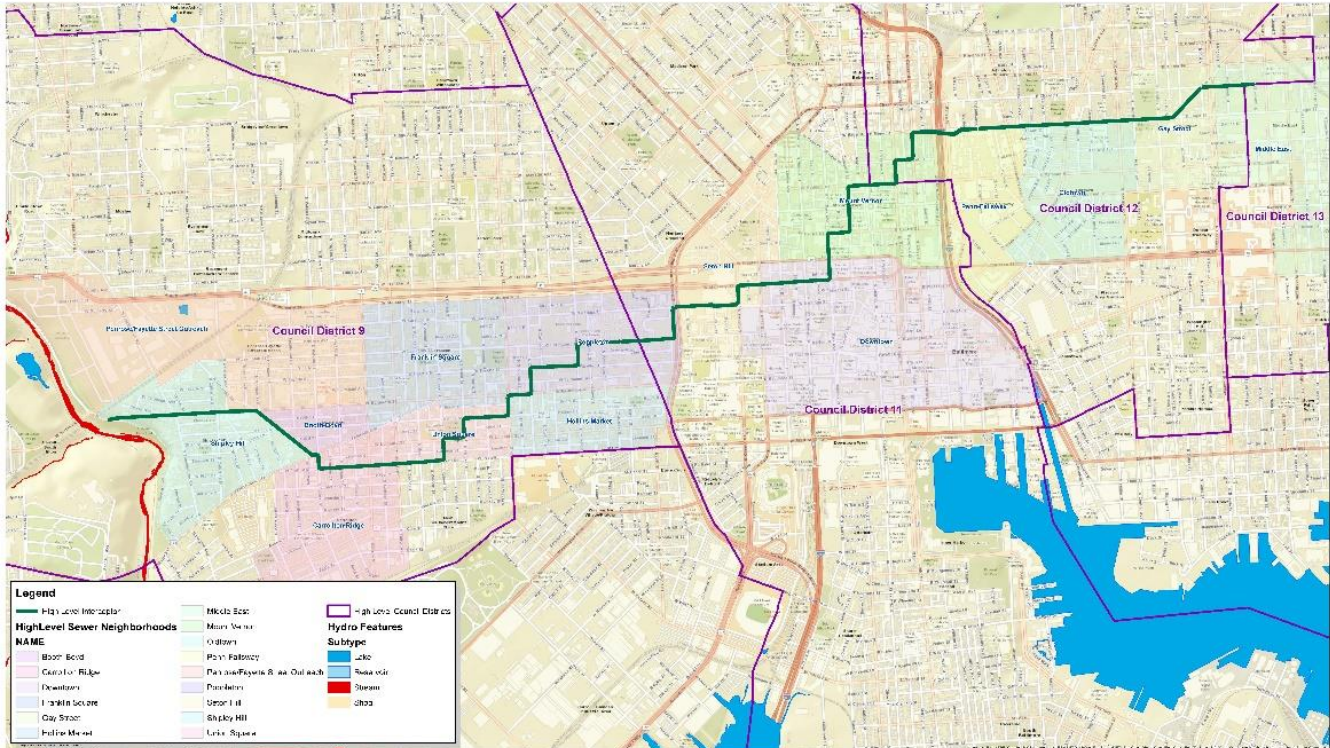


Figure 1: SC985 Project Map

The project is currently in design review at 70% completion. The tentative advertisement date is late Winter 2022 with anticipated construction to begin September 2022. During construction there will be anticipated traffic detours and road closures to accommodate the required construction site disturbances.

### **Project Activities**

Project activities include Open Cut Sewer Installation, Large Diameter Temporary Bypass Pipe Installed, New Manhole Installation, and Existing Manhole Rehabilitation. Below are some expectations of project activities.

- **Pipe installation via Tunneling Methods**
  - Open pits shafts of various depths protected by fencing and/or jersey barriers
  - Heavy machinery will be used (construction noise is expected)
  - Lane closures /lane adjustments is expected
- **Open Cut Sewer Installation**
  - Heavy machinery will be used (construction noise is expected)
  - Sewer flow will be rediverted and managed with bypass pumps (some operational noise is expected)
  - Lane closures /lane adjustments is expected
- **Bypass Sewer Installation**
  - Heavy machinery will be used (construction noise is expected)
  - Road closures /lane adjustments and detours are expected
- **Manhole Rehabilitation**
  - Heavy machinery will be used (construction noise is expected)
  - Sewer flow will be rediverted and managed with bypass pumps (some operational noise is expected)
  - Lane closures /lane adjustments is expected
- **New Manhole Installation**
  - Heavy machinery will be used (construction noise is expected)
  - Sewer flow will be rediverted and managed with bypass pumps (some operational noise is expected)
  - Lane closures /lane adjustments is expected

As most construction activities are to occur throughout residential and local business communities, including the central business district downtown, some disturbances to normal activity is to be expected. Construction methods will be employed to minimize impacts to normal activities to the greatest extent practical.

We hope this provides insights for upcoming work as we strive to timely and safely complete this project. If you have any question; you may call (410) 396-4700; Monday through Friday; between 8:30 AM and 4:30 PM. Also Darryn Mobley, the project engineer can be reached at (410) 396-4700, as well as via email; [darryn.mobley@baltimorecity.gov](mailto:darryn.mobley@baltimorecity.gov). Additional information and resources are also available on our website <https://publicworks.baltimorecity.gov/>.

Sincerely,

Darryn Mobley

DPW, Office of Engineering & Construction