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*"Protecting Public Health and the Environment"*

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## **CONSTRUCTION ADVISORY**

### **PVSC's Main Interceptor Sewer to be Rehabilitated in Parts of the City of Paterson Construction Work Activities on 5<sup>th</sup> Avenue (Passaic County Route 652), City of Paterson**

**(Newark)** – The Passaic Valley Sewerage Commission (PVSC) has announced it will be commencing work on its Main Interceptor Sewer in the Bunker Hill Section of the City of Paterson, where portions of the PVSC combined sewer system are scheduled to be rehabilitated.

On or about March 16, 2015, construction activities are planned to occur in multiple construction phases within the following construction site location as follows.

1. 5<sup>th</sup> Avenue (Passaic County Route 652).
  - o Main Interceptor, Paterson, New Jersey – (MH MI-214 to MI-218)
    - o 650 linear feet of 5'-5" semi-elliptical concrete pipe from Station No. 1020+32 to transition point at Station No. 1013+82 with cured-in-place liner.

Construction activities are planned in the eastbound traffic lane on 5<sup>th</sup> Avenue (Passaic County Route 652) between the NJ Transit Railroad Tracks and East 11<sup>th</sup> Street within the City of Paterson. The eastbound lane will be detoured around the construction zone while the westbound lane will be narrowed and traffic lanes shifted to the north for the repairs to the PVSC combined sewer system until further notice. Work on this portion of 5<sup>th</sup> Avenue (Passaic County Route 652) is anticipated to be completed within seven (7) months from commencement of construction work activities.

Motorists should expect delays on 5<sup>th</sup> Avenue (Passaic County Route 652) and are encouraged to use alternate routes or to plan additional travel time. Refer to the attached general detour and traffic plan.

Additional construction work activities to be performed and equipment to be provided for this project comprises of the following:

1. Televiser all pipes being repaired prior to and after the rehabilitation.
2. Clean all pipes to be repaired of the debris in them.
3. Provide temporary flow bypass system for all sewer repairs except manhole rehabilitation and slip-lining process.

4. Reconstruction of manhole cones (Enlarged Tops)
5. Installation of temporary CIPP liner discharge/suction pits to facilitate the temporary bypass piping.
6. Installation of temporary pushing pits (slip-lining) to facilitate installation of the composite fiber glass pipe.
7. Rehabilitation of manholes on the main interceptor sewers. Work includes repairing masonry, preparing and coating reinforcing bars, mortaring honeycombs and spalls, resurfacing and coating walls, and resetting frames. Work to include sealing of manholes against ground water infiltration.

<b>Municipality</b>	<b>Manhole Numbers</b>	<b>Location of Work</b>
City of Paterson	MI-223	5th Street
	MI-235	River Street

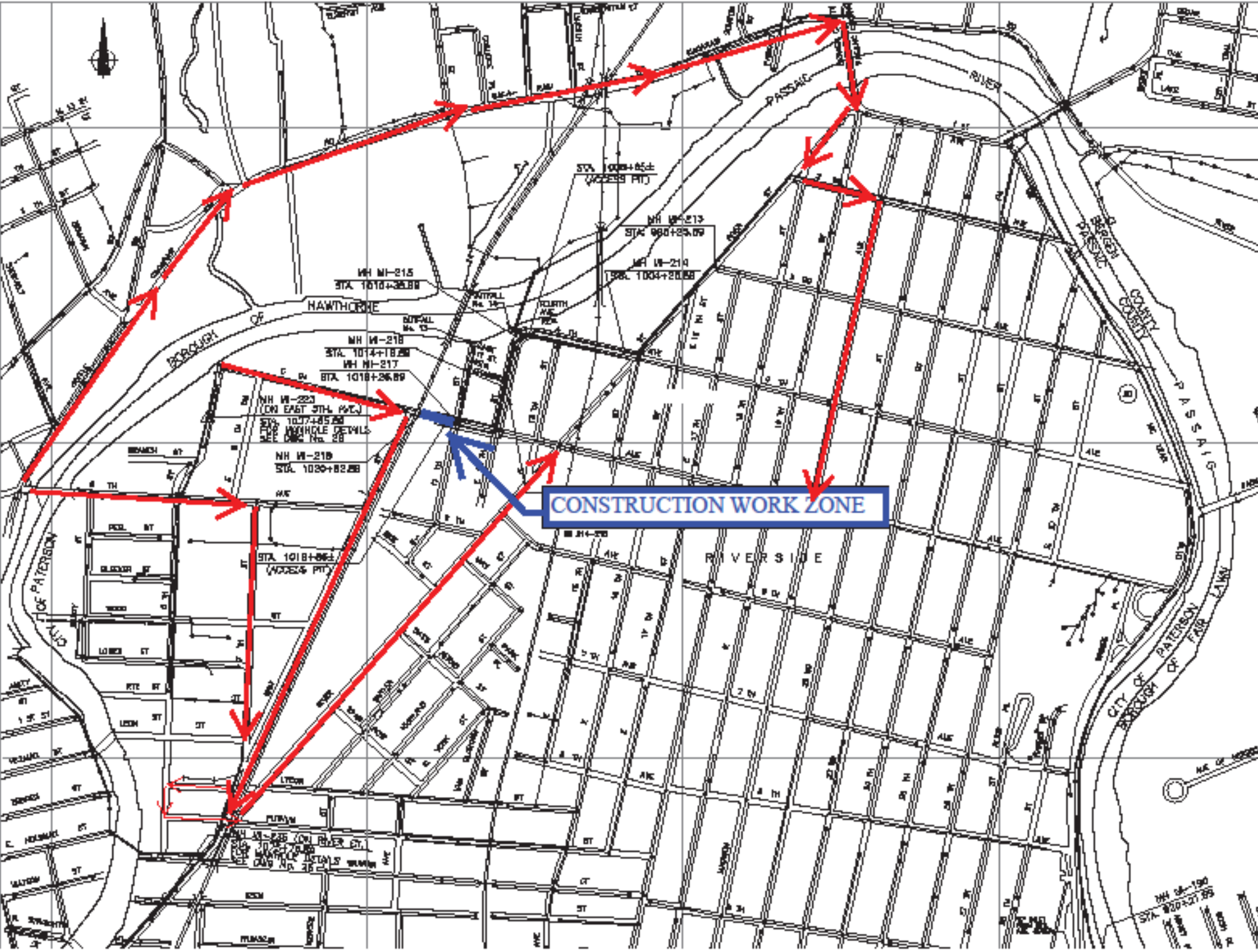
8. Restore inlet and lateral sewer connections.
9. Maintain and protect traffic as required by the County of Passaic and the City of Paterson.
10. Restore any disturbed areas, including roadway pavements, gutters, curbs, sidewalks, driveways, fences, retaining walls, and landscaping. Remove any environmental protection measures employed.
11. Cleanup work areas.

Drawings and Specifications, and other Contract Documents may be examined at the following locations:

- The Main Office of the Engineer, Charles A. Manganaro Consulting Engineers, P.C., 7 West Cross Street, Hawthorne, New York, 10532-1244; or
- The Passaic Valley Sewerage Commission, 600 Wilson Avenue, Newark, New Jersey 07105 offices.

The \$17.9 million infrastructure project consists of rehabilitating 100-year-old sewer lines utilizing trenchless technologies (i.e. cured-in-place pipe and slip-lining). Designed to minimize traffic disturbances and disruptions, trenchless technologies still require smaller excavations and access pits in order to approach a smaller footprint. Also, because PVSC's Main Interceptor Sewer was also constructed to flow by gravity, the rehabilitations and excavations are more challenging during construction.

As the project advances, PVSC will provide updates. The precise timing of the work is subject to change due to weather or other factors. Motorists are encouraged to check [www.511nj.org](http://www.511nj.org) for real-time travel information.



**CONSTRUCTION WORK ZONE**

MH MI-215  
STA. 1010+36.89

MH MI-218  
STA. 1014+18.28  
MH MI-217  
STA. 1018+26.89

MH MI-223  
(ON EAST 3TH AVE)  
STA. 1017+85.28  
SEE VEHICLE DETAILS  
SEE DATA No. 28

MH MI-219  
STA. 1020+82.28

STA. 1018+86.1  
(ACCESS PIT)

STA. 1008+85.1  
(ACCESS PIT)

MH MI-213  
STA. 980+25.89

MH MI-214  
TRAIL. 1004+28.88

MH MI-190  
STA. 920+27.89