

# GI-05

## Route 32 Green St. Project

### City of Watervliet



**Project Description:**

Reconstruction of approximately 0.71 mile of Rt. 32. The project would remove and replace approximately 152,080 square feet of roadway with new pavement, and 30,416 square feet of new sidewalk. Porous surfaces would be evaluated for sidewalks, parking lanes and/or travel lanes. In addition, approximately 50 trees would be removed and replaced with environmentally friendly tree pits. The final project limits, and subsequent quantities, will be determined based on engineering considerations in conjunction with available funding constraints.

**Purpose:**

Reduction of stormwater flows or loads to the CSS, thereby reserving conveyance capacity with the CSS and reducing the frequency and intensity of CSO events.

**Contact Information:**

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Consent Order Milestones	Date Milestone Met
Completed Plans and Specs: 10/1/15	10/1/2015
NTP to Construction: 4/1/2016	3/31/2016
Construction Completion Date: 12/15/17	11/28/16
Operational Start-Up Date: 12/15/17	11/28/16

SPEDES Permit #	NY-003-0899
LTCP Projected Project Cost	\$1,000,000
Total Construction Cost (minus in-kind)	\$1,202,983
Owned By	City of Watervliet
CSO Outfall	W-001 to 004
Grant Funding or other sources	None
Annual Volume Captured (Mgal)	1.33MG
Annual Percent CSO Reduction (%) (Pool-Wide)	.01%

## **Project Status:**

**7/10/14:** City planning and engineering staff met with APJVT, Capital District Transportation Committee, and CDRPC staff to talk about transportation funding options and timetable for GI only as opposed to complete phased reconstruction of the corridor. The City applied to NYSDOT TIP funds for street reconstruction but was unsuccessful.

**9/11/14:** CDRPC staff met with CDTA to discuss the pending Bus Rapid Transit implementation through the city, and to determine stop locations. CDTA shared the preliminary designs for their stops within the proposed GI implementation.

**11/13/14:** Second meeting held with CDTA staff on 10/20 about Bus Rapid Transit line planned for Rte. 32 to illustrate GI practices and potential costs at the proposed Watervliet station.

**1/08/15:** City had a kickoff meeting with Weston and Sampson Engineering on 12/19. A Task order for the project was written up, using the feasibility study done by B&L as a starting point.

**4/9/15:** The city has retained Weston & Sampson Engineering to develop plans and specs for the project. The engineering team is considering additional infiltration and soil testing prior to beginning design.

**5/14/15:** CDRPC staff has met with Weston Sampson, sharing "lessons learned" from prior GI projects. Looking at WQIP funding for construction.

**10/08/15:** The city and design engineer met with DEC on 9/22 to review preliminary plans and spec and have the opportunity to get advance comments by the department. Complete plans and specs were delivered to DEC electronically on 10/1.

**1/14/16:** Plans and specs have been approved by DEC. The City is considering expanding the scope of the GI with an application to the local and Statewide Transportation Improvement Program grant program through NYSDOT. **2/11/16:** Due to limited funding and timing considerations, the city will not be proceeding with an application through NYSDOT and will be moving forward as originally planned and according to the schedule set forth on the Order.

**4/14/16:** The City put construction bids requests on the street and received several bids. The city selected August Bohl as the general contractor and issued NTP on 3/31/16. A public meeting will take place on April 19th to inform the nearby residents of the intent, schedule, and impact of project construction.

**7/14/16:** August Bohl, the construction company contracted by the city, has a final start date of August 1. National Grid has been accommodating so far to make sure that can happen, as the utility is currently replacing gas mains in the area. Anything that delays National Grid by more than two weeks will cause the construction to be delayed to 2017, though with an estimated 12/15/17 construction completion date in the Order we anticipate any delay experienced will not have an impact on the on-time delivery of the project. Watervliet is submitting a GIGP Grant application in the NYS Consolidated Funding Application.

**10/16:** Construction began in late July and has been proceeding well.

**3/1/17:** Two change orders were issued during construction. The first, described in a memo to DEC on December 22, 2016, was in order to address concerns raised about the lack of space from street to the basin in which to exit a vehicle without stepping into the basin. The engineer looked to address the community concerns with a slight modification to the basin that still reached the performance goals of the roadside bioretention units. The modified design features 18" wide pavement adjacent to curb for space to step out of a vehicle. The revised WQv is 75 c.f., which still exceeds the 75% WQv volume requirement in the NYSDEC stormwater design manual while at the same time satisfies community concerns about the safety of the practices during vehicle egress. The second change order added a bollard to protect a bioretention area that was at risk of being backed into. Construction of the project is complete, but plantings will take place in the spring. The EFC GIGP Grant application was not successful.

**4/13/17:** The construction of the project has been completed. The City is awaiting DEC approval or comment on the change order memo submitted to the Department in December.

**7/13/17:** The City has completed this project. DEC approval on change orders has been obtained. EFC approval on change orders is still pending.

**9/15/17:** EFC approval on change orders has been obtained.

**This project has been completed.**



