



Lift Station 47 & 48 Rehabilitation

The Lauderhill Lift Station 47 & 48 Rehabilitation projects each request \$1,135,000 in state funding to complement \$567,500 in local funds, for a total project cost of \$1,702,500 **per each individual lift station**. The City of Lauderhill Lift Station 47 and 48 Rehabilitation Project will upgrade aging wastewater infrastructure that has been in operation for over 30 years. The project includes replacing pumps, motors, electrical panels, and structural components to improve reliability, efficiency, and environmental compliance. These improvements will extend the system's service life, reduce sewer overflows, and protect public health and water quality in alignment with state environmental priorities.

- ✓ **SCADA performance evaluation completed**
 - Both LS documented with excessively high runtimes.
- ✓ **Maintenance history review completed**
 - Both Lift Stations appear in top 20 for highest maintenance work orders.
 - LS 47 ranked #9
 - LS 48 ranked #14
- ✓ **Field inspections completed and conditions documented**
- ✓ **Identified for near-term capital action (1-year priority)**
 - Project identified as high priority, requiring most immediate attention

Seawall Improvements Project

The Lauderhill Seawall Improvements Project requests \$690,000 in state funding to complement \$345,000 in local funds, for a total project cost of \$1,035,000. The project will construct and reinforce 1,434 linear feet of critical seawall structures as part of the City's Stormwater Management Master Plan, addressing erosion and flood control needs identified in engineering assessments. These improvements will protect residential and commercial properties, prevent infrastructure damage, and support long-term environmental resilience by stabilizing waterfront areas and improving stormwater flow capacity.

Protecting the canal bank from erosion or destabilization along the primary distribution canal that feeds the City's pump stations is critical to ensuring the safe and efficient movement of stormwater. Any failure of the canal embankment in these critical canals could result in catastrophic flooding due to the inability to pump out stormwater. Seawalls, which are man-made barriers, are designed and engineered to minimize erosion caused by water and are considered the highest level of protection against canal embankment destabilization.

- ✓ **Completed a comprehensive Stormwater Management & Flood Protection Master Plan (SMFPMP)** that identifies seawall construction as a necessary mitigation measure to protect canal banks, stormwater conveyance, and pump station operations.
- ✓ **Performed previous canal bank stabilization and canal maintenance activities** along the same primary drainage system (including Canal 20), demonstrating an ongoing commitment to erosion control and stormwater infrastructure resilience.

Seawall Improvements Project – Continued

- ✓ **Conducted engineering field evaluations and project scoping** to prioritize the two seawall locations based on observed erosion risks, infrastructure vulnerability, and H&H (hydraulic and hydrologic) modeling.
- ✓ **Engaged in ongoing coordination with the South Florida Water Management District (SFWMD)** to ensure alignment with regional stormwater and resilience strategies and to identify additional funding pathways.



474 LF of Seawall leading up to
Stormwater Pump Station B @ Canal Q



960 LF of Seawall leading up to
Stormwater Pump Station A @ Canal 20

License Plate Reader Expansion:

The Lauderhill LPR Expansion Project requests \$300,000 in state funding to complement \$150,000 in local funds, for a total project cost of \$450,000. This initiative, led by the **Lauderhill Police Department**, aims to reduce violent crime, strengthen investigations, and improve community safety through the **purchase and deployment**

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of fixed automated License Plate Readers (LPRs) at key intersections. The project will enhance real-time crime data sharing, emergency response times, and inter-agency collaboration. It will directly benefit over **800 residents**, including at-risk youth, crime victims, and economically disadvantaged populations. The project emphasizes measurable outcomes such as reduced crime rates, improved citizen safety perception, and increased public trust.

- Voter approved GO Bond was offered in 2016, and \$5,465,475 was allocated for the City-wide LPR project outlay in Lauderhill.
- The first phase of LPRs went live in 2019, and the project was completed in 2022.
- Lauderhill currently has 180 LPRs installed on 111 sites on the periphery of the City's jurisdiction.
- A look at the recent data for a typical week shows 4.15 million plate reads with 20,111 alerts regarding vehicles of interest.
- This timely information greatly assists in increasing apprehensions and taking dangerous criminals off the streets.
- System has strengthened collaboration with neighboring law-enforcement agencies for proactive crime prevention.

Police Athletic League (PAL) and Youth Empowerment Initiative:

The Lauderhill Police Athletic League (PAL) and Youth Empowerment Initiative Project requests \$180,000 in state funding to complement \$90,000 in local funds, for a total project cost of \$270,000. This program serves **200–400 at-risk youth** from economically disadvantaged neighborhoods by offering **structured athletic, academic, and mentorship programs**. Activities include sports leagues, tutoring, leadership development, and workforce readiness training, designed to reduce juvenile crime and strengthen police–community relations. The initiative aims to improve school attendance, academic performance, and behavioral outcomes while fostering trust and resilience among youth.

- ✓ Secured \$10,000 annually in LETF grant funding from BSO for the past few years to support programming
- ✓ Offered Boxing training and an anti-bullying component conducted together by the Police department and the Parks department
- ✓ Strengthened relationships of the Lauderhill Police with the youth in the community in a positive way, through athletics, activities, and mentorship.
 - Per US Census data, there are 19,085 youth in Lauderhill between the ages of 5 and under 18 years old.
- ✓ Established plans to implement a Flag Football program at a local middle school next year