

Historic Miramar Drainage Infrastructure Improvements

BACKGROUND

The Historic Miramar Drainage Infrastructure Improvements Project is aimed at upgrading and improving the existing drainage infrastructure, underground utilities and roadway infrastructure, to alleviate flooding, and supporting the City's goal of enhancing the level of service for residents within the service area.

Non-existent drainage infrastructure such as catch basins, pipes and exfiltration systems are the primary cause of flooding and/or ponding within the project area. Although most rights-of-ways have a swale system, majority of these swales, over time, have been filled in with silt or landscape material. Most of the swales have become higher than the road elevation and are unable to collect and hold water, while others have become less permeable or impermeable due to repeated parking or paving of the swale.

The Historic Miramar Drainage Infrastructure Improvement Project is programmed in six (6) phases. The following highlights major improvements the City has undertaken, aimed at improving drainage within Historic Miramar:

- Phase I - (Bounded by Countyline Road, State Road 7/US441, SW 64 Avenue and SW 25 Street) included the construction of underground utilities (stormwater, sewer, water) and roadway resurfacing. This project was completed in 2007 at a cost of \$10 million.
- Phase II - (Bounded by SW 25 Street, State Road 7/US441, SW 64 Avenue and Pembroke Road) included the construction of sewer, drainage system and roadway resurfacing. The project was completed in June 2010 at a cost of \$700,000. The sewer system was certified by Broward County and work on the sewer service connections was completed in late 2013.
- Phase III - (Bounded by SW 25 Street, SW 64 Avenue, Pembroke Road, and the Florida Turnpike) included the construction of drainage pipes, exfiltration system, and structures. The project commenced in January 2017 and was completed in 2020 at a cost of \$8.7 million.
- Phase IV - (Bounded by County Line Road, SW 64 Avenue, Miramar Parkway, and the Florida Turnpike) included the construction of drainage pipes, exfiltration system, drainage structures, swale regrading, watermain replacement, and roadway resurfacing. Several outfalls were also replaced as part of the project. The project commenced in November 2022 and was completed in July 2024 at a cost of \$15 million.
- Phase V - (Bounded by Miramar Parkway, SW 64 Avenue, SW 25 Street, and the Florida Turnpike) is currently in design which is anticipated to be completed in spring of 2026. Construction is projected to begin Winter 2026 (contingent on funding availability). Work will include construction of drainage pipes, exfiltration system, structures, swale regrading, watermain replacement and road resurfacing. The project construction cost is currently estimated at approximately \$15 million.
- Phase VI - (Bounded by the Florida Turnpike, Pembroke Road, University Drive and County Line Road) will include the construction of drainage pipes, exfiltration system, structures and swale regrading. Design of this project is anticipated to commence in 2027.

The below location map details the six (6) phases of the project.

