



Florida's Warmest Welcome

**City of Pompano Beach
UTILITIES ADMINISTRATION**

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MEMORANDUM No.26-51

DATE: April 27, 2026

TO: Gregory P. Harrison, City Manager

VIA: Brian Donovan, Assistant City Manager

FROM: Renuka Mohammed, Utilities Director

CC: Michael Taylor, Utilities Stormwater Manager
Nathaniel Watson, Utilities Field Superintendent
Mondy Claude, Utilities Business Operations Analyst
Kimberly Spill – Cristiano, City Emergency Management Administrator
John Sfiropoulos, City Engineer

SUBJECT: Broward Rapid Alert and Information Network (“RAIN”) Interlocal Agreement

Purpose

To obtain City Commission approval authorizing the execution of an Interlocal Agreement (ILA) between Broward County and the City of Pompano Beach for participation in the Broward Rapid Alert and Information Network (RAIN), an early flood warning system designed to assist municipalities in anticipating, monitoring and responding to flood-prone areas during severe weather events, thereby improving situational awareness and response capabilities during storm events.

Background

Broward County has developed the Broward Rapid Alert and Information Network (RAIN), a countywide early flood warning system designed to improve monitoring of localized flooding. The system utilizes solar-powered monitoring units installed at strategic, flood-prone locations, equipped with water-level sensors, telemetry, and communication technology to transmit real-time data to a centralized dashboard accessible by municipal staff and emergency responders.

Under the proposed Interlocal Agreement, Broward County will be responsible for procuring, installing, operating, and maintaining the RAIN equipment, while the City will be responsible for site preparation within the public right-of-way, including foundations, conduit installation, and permitting. The City of Pompano Beach has coordinated with the County to identify priority locations based on historical and current flooding impacts, as well as the required accessibility criteria for equipment installation and signaling capabilities (Exhibit 1).

Participation in the RAIN program will enhance the City's ability to monitor flooding in real time, thereby improving operational decision-making and emergency response coordination for roadway safety decisions. Additional benefits include data-driven support for long-term stormwater planning, resiliency investments, and potential grant opportunities.

Fiscal Impact

The City will be responsible for an annual recurring cost of \$1,000 per monitoring site to support telemetry, data storage, and system maintenance. The initial phase is anticipated to include up to 10 units, for a total recurring annual cost of \$10,000. Funding is budgeted in account 425-3805-538-46-40.

Supports Strategic Goals, Objectives, Policies

Strategic Plan:

Goal 4: Superior Capacity for Growth through Quality, Sustainable Development - Expand and enhance the utility infrastructure – water, wastewater, and stormwater.

Comprehensive Plan:

Goal 13 / Objective 13.04.00 - Interlocal Agreements – Pursue and execute interlocal agreements and contracts with other local governments and the County to provide for the most efficient and effective delivery of public services.

Recommendation

Utilities recommends that the City Commission approve and authorize execution of the Interlocal Agreement between Broward County and the City of Pompano Beach for participation in the Broward Rapid Alert and Information Network (RAIN).

Applicable Attachments

- Interlocal Agreement – Broward Rapid Alert and Information Network (RAIN)
- RAIN Standard Operating Procedure (SOP) – Initial ILA Agreement and Installation

**Exhibit 1:
Preliminary RAIN Locations identified by COPB Utilities in coordination with Broward County**

Broward County Rapid Alert & Information Network (RAIN) Sensors for Pompano Beach			
Identification and Assessment for Initial 10 Sites			
Address	Asset ID	Geographic Quadrant	Historical and Current Observations
2401 Bay Drive	SW-IN-10-2594	West core	Flooding observed after rain events, low lying, tidal influence
708 SE 25th Avenue	SW-IN-41-2075	East core	Drainage complaints to City, tidal influence
1371 SW 8th Street	SW-IN-113-538	North core	Flooding observed after rain events, low lying, restricted positive system, industrial area
2225 SE 8th Court	SW-IN-43-2095	East core	Tidal influence, positive system
1050 S. Flagler Avenue	SW-IN-72-1624	East core, Across street from 1045 & 1065	Flooding observed after rain events, restricted positive system
1030 NE 27th Terrace	SW-IN-35-2222	Southeast core	Drainage complaints to City, tidal influence
1207 NW 6th Street	SW-IN-None-806	South core	Flooding observed after rain events, exfiltration system, industrial area
151 NW 28th Court	SW-IN-County-3375	North core, On west side of property	Drainage complaints to City, positive system
2241 N Cypress Bend Drive	SW-IN-112-5102	West core, Across street from bldg. 2240	Moderate street flooding observed, positive system
1700 NE 42nd Court	SW-IN-County-7260	Northeast core, West side of property	Drainage complaints to City, positive system