



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#26-0723

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Christopher Cooper, Acting City Manager

DATE: August 18, 2026

TITLE: Resolution Adopting an Interlocal Agreement with Broward County for the
Implementation and Participation in the Broward Rapid Alert and
Information Network (RAIN) Early Flood Warning System - (**Commission
Districts 2, 3 and 4**)

Recommendation

Staff recommends the City Commission approve a resolution adopting an Interlocal Agreement (ILA) between the City of Fort Lauderdale (City) and Broward County (County), in substantially the forms attached, for the implementation and participation in the Broward Rapid Alert and Information Network (RAIN) for a term of five (5) years.

Background

RAIN is a County-wide proactive early flood warning system comprised of multiple urban flood units designed to enhance public safety during severe weather events. An urban flood unit is a device that consists of a water level sensor placed within a catch basin or curb cut, data logger with integrated alarm capabilities, cellular telemetry module, solar panel, rechargeable battery, and weatherproof enclosure affixed to a pole with corresponding mounting hardware and wiring. There are ten (10) strategically selected installation locations in the following City of Fort Lauderdale neighborhoods:

- Chula Vista
- Edgewood
- Lauderdale Manors
- Melrose Manors
- Melrose Park
- Middle River Terrace
- Poinciana Park Civic Association
- River Oaks
- Shady Banks
- Victoria Park

Locations were selected based on a history of roadway flooding and optimal installation site availability such as adequate right-of-way and space offset for devices and conduit.

Once installed, City and County staff will be able to monitor real-time hydrologic conditions and make well-informed, data-driven decisions. Data collected will be integrated into a Broward County-wide dashboard, scheduled for launch in 2026. The dashboard will provide road maintenance crews with real-time alerts when stormwater infrastructure is approaching capacity. By combining live sensor data, weather radar, and AI-powered predictive analytics, it will forecast roadway flooding before it occurs. Each monitoring station will also be equipped with cameras providing a real-time view of conditions. Eventually, information will also be made available to the public through a resident-facing website.

Under the ILA the City would be responsible for activities including construction of a concrete foundation, conduit installation and mounting for each of the urban flood units. Broward County would be responsible for all other costs associated with the procurement, installation and maintenance of the urban flood units including technical hardware. The City would pay the County \$1,000 per year, per installed urban flood unit, for ongoing costs including telemetry, data storage and repair and replacement parts. The total annual cost would be \$10,000.

Resource Impact

There is a fiscal impact in the amount of \$66,370 in FY 2026 and funds are available in the accounts listed below. This includes \$56,370 for the installation of ten (10) sites and the initial \$10,000 annual payment for telemetry, data storage, and repair and maintenance. Future funding is contingent upon appropriation.

<i>Funds available as of July 10, 2026</i>					
ACCOUNT NUMBER	PROJECT NAME (Program)	CHARACTER/ ACCOUNT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
10-470-7342-538 30-3434	Stormwater Maintenance	Imp Rep Materials	\$1,181,129	\$259,928	\$10,000
10-470-7340-538 30-3437	Stormwater Repair & Right of Way	Imp Rep Maintenance	\$4,550,823	\$987,180	\$56,370
PURCHASE TOTAL ►					\$66,370

Strategic Connections

This item is a FY 2026 Commission Priority, advancing the Infrastructure and Resilience initiative.

This item supports the *Press Play Fort Lauderdale 2029* Strategic Plan, specifically advancing:

- The Infrastructure and Resilience Focus Area, Goal 3: Be a sustainable and resilient community.

This item advances the *Fast Forward Lauderdale 2035* Vision Plan: We Are Ready.

This item supports the *Advance Fort Lauderdale 2040* Comprehensive Plan specifically advancing:

- The Infrastructure Focus Area
- The Sanitary Sewer, Water & Stormwater Element

- Goal 6: Ensure that all areas of the City are reasonable protected from flooding, giving due consideration to the City's natural and built environment.

Attachments

Exhibit 1 – Interlocal Agreement

Exhibit 2 – Standard Operating Procedures

Exhibit 3 – Installation Schematics

Exhibit 4 – Resolution

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Public Works

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