



Fortify Lauderdale

Building a Resilient Future
in Fort Lauderdale



Aiding Private Resilience Actions
Homeowners Outreach
November 18, 2024

Meeting Agenda

- Review Fortify Lauderdale initiative and efforts to include private resilience
- Collect homeowner verbal and written input on the initiative

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Goal

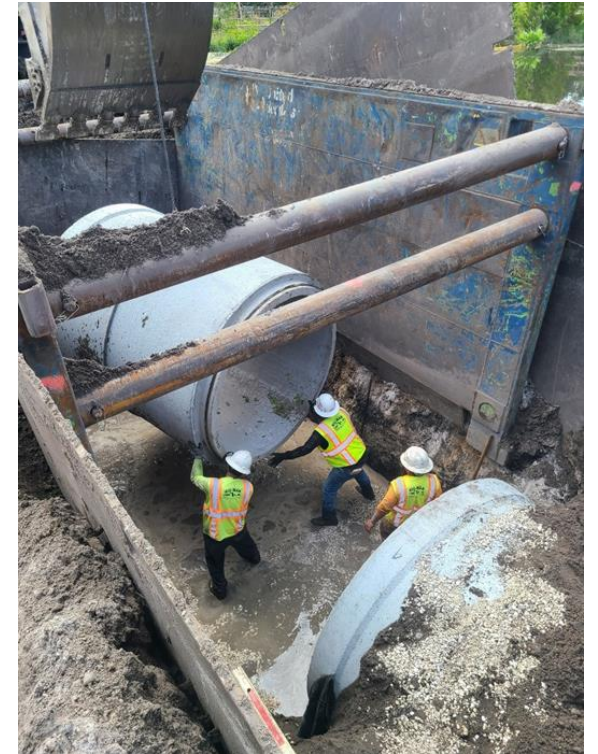
Improve Resilience to Impacts of Climate Change Within Our Most Vulnerable Neighborhoods and Communities

Resilience is the ability to:

- prepare for anticipated natural hazards
- adapt to changing conditions, and
- withstand and recover rapidly from disruptions

"Resilience means that the City is striving to continually increase its capacity to withstand and recover quickly from climate challenges."

City of Fort Lauderdale [Climate Resiliency Webpage](#)



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Goal

Improve Resilience to Impacts of Climate Change Within Our Most Vulnerable Neighborhoods and Communities

Public Investments

- Citywide vulnerability assessment
- Accelerate stormwater infrastructure improvements in [17 neighborhoods plus adjacent areas](#) with all construction to be completed in [10 years](#)
 - [Stormwater infrastructure will be improved in over 55% of the city](#)
- Increased funding for seawalls, roadways, and bridges
- Improved resilience standards for existing stormwater infrastructure
- Increased staffing and prioritization of stormwater program



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- Part of public investment includes stormwater improvements for 17 neighborhoods.
- The Fort Lauderdale Stormwater Program progress reports and events are posted on the City's website: <https://www.fortlauderdale.gov/fortifylauderdale>

Tranche 2 Neighborhood – First Meeting
2 complete, 5 scheduled, 3 pending

Private Resilience Meetings 2 complete,
2 pending

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Fort Lauderdale Stormwater Program Progress Report

October 2024

Work on the Stormwater/Resilience Master Plan continues to progress throughout vulnerable neighborhoods in the City.

Updated project progress for Tranche 1 and Tranche 2 neighborhood is provided below. Work continues on planning efforts associated with the Tranche 2 neighborhoods, including updates to the City's existing stormwater model allowing simulation of current and future conditions to inform stormwater improvements.

Tranche 1 Neighborhoods
Project Status Update:

- Construction substantially completed
- In Construction
- In Design

Map labels: Durrs, Progresso Village (Bidding 2Q3 Quarter 2024), Victoria Park (Bidding 1Q3 Quarter 2024), Melrose Manors/Riverland Civic (Bidding 4Q3 Quarter 2024), Dorsey-Riverbend, River Oaks, River Oaks Pump Stations, Southeast Isles (Bidding 3Q3 Quarter 2024), Edgewood.

Community members actively participating in a previous public outreach meeting.

A progress update on the Fortify Lauderdale program was given at the October 1st, 2024 City Conference Meeting.

Public Outreach Meetings for Tranche 2 Neighborhoods.
The City is currently scheduling public outreach meetings, which will begin in October 2024 and continue through December 2024. Please check the Fortify Lauderdale website for the latest information on meetings in your neighborhood. **Your input is essential**—stay informed and take part in shaping the future of your neighborhood at the upcoming meetings.

For updates and information: www.fortlauderdale.gov/fortifylauderdale

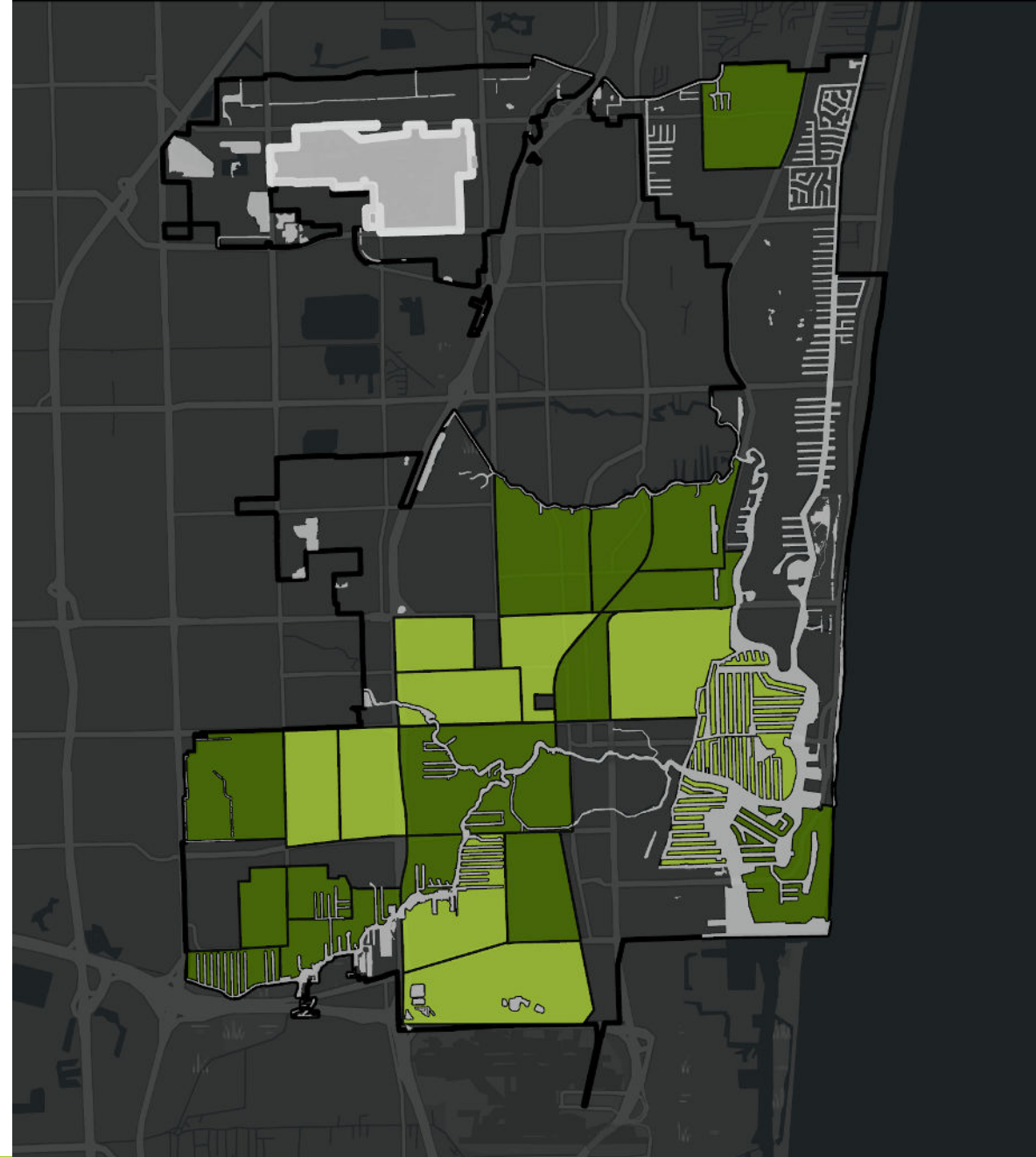
Reasons for this Private Resilience Initiative



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- Private resilience can be implemented in all neighborhoods
- Private resilience doesn't have to wait for City project implementation



Steps for developing private resilience guidance

1

Review Existing Guidance and Programs



Example: Fight The Flood Private Property Adaptation (PPA) Program

2

Stakeholder Outreach and Engagement



3

Private Resilience Guidance Development



4

Private Resilience Cost-Share and Grant Program Recommendations



Potential content for homeowner resilience guidance

- Defining roles & responsibilities
- Specific measures to implement
- Flood insurance
- Swale best practices
- Minimizing impacts to your neighbors
- City resources

**Enhancing Flood Resilience
On Private Property In Fort Lauderdale
We ALL play a role**

The City's Role

- Improve city drainage infrastructure within the right-of-way
- Develop and implement new ordinances to better protect our city
- Provide information and educational resources

A Homeowner's Role

- Keep swales clear
- Make on-site improvements to protect your home from floodwaters
- Obtain flood insurance, as appropriate

Maintaining clear rights-of-way, setbacks and swales is critical for flood resilience across the city.

Swale: a shallow channel that helps drain runoff from your home and neighborhood

Setback: a minimum distance between a structure and the property line

Right-of-way: City-owned property along and around roads which provide access for maintaining city infrastructure

City Drainage Infrastructure

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For more information on improving resilience on your property
Scan our QR Code

Property Line, Right-of-way, Swale, Setback, Utilities, Tidal Valve (as necessary)

Additional Opportunity to Provide Input



Provide survey responses by November 26

Online Survey Form: <https://forms.office.com/r/p1EYmSqPH8>

Responding to hazards as a property owner



What are the most important hazards you face as a property owner?



Intense
Rainfall



High
Winds



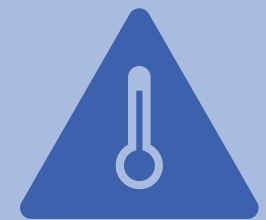
Wildfires



Hurricanes



Drought



Extreme
Heat



How do you currently respond to flash flooding?

How do you currently respond to wind and other climate hazards?





What types of actions do you take to prepare in advance for flooding?





What do you feel is the City's role in promoting resilience?

What is your role as a property owner in improving resilience?



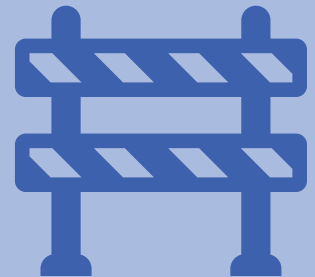
Addressing barriers to private resilience



What do you feel is needed for your property to be more resilient?



What barriers prevent you from investing in or pursuing resilience measures on your private property?



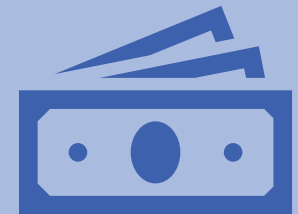


What types of incentives would help you improve the resilience of your property?



What resources do you need to make you more prepared for natural disasters and flooding?

What would be most helpful: informational resources, grant incentives, regulations or codes?





What is the best way to reach you with information about resiliency?

E.g., Social media, paper pamphlets/mailing, HOA meeting, word of mouth, bills, other (explain)



Next Steps

Review of existing documents



Conduct outreach meetings

Develop private resilience guidance documents

Develop cost-share and grant program recommendations



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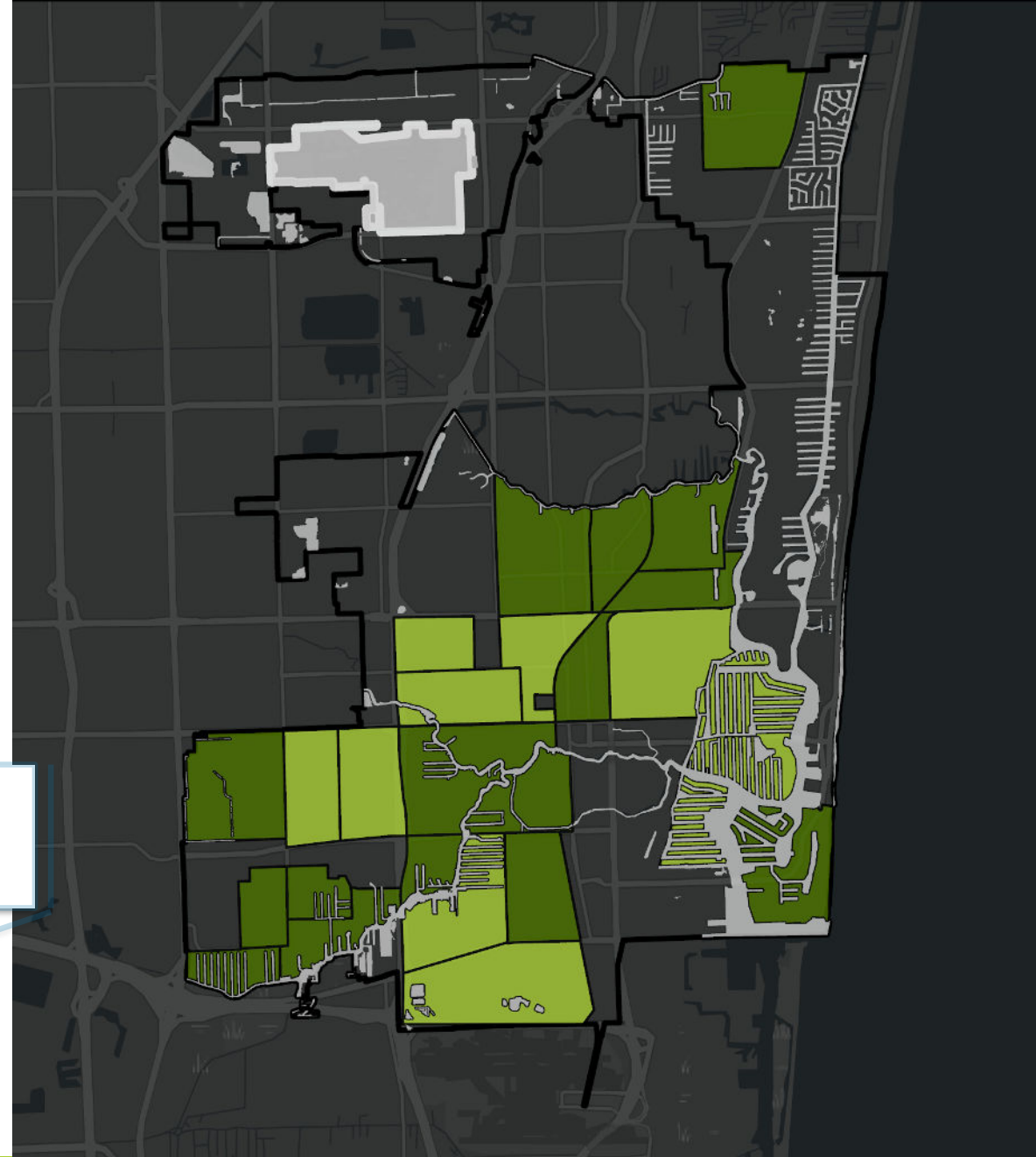
Questions & Discussion

The City's Neighborhood Stormwater Capital Investments are significant

	Area	
	Acres	Percent
City of Fort Lauderdale	23,040	100%
Waterbodies	2,308	10%
FTL Executive Airport	786	3%
Original Neighborhoods	4,088	18%
Tranche 2 Neighborhoods	5,197	24%
Remaining Area	7,920	45%

After completion of the proposed neighborhood projects, the City will have **addressed 55% of the City** with stormwater improvements.

the most flood-prone



The Phased Project Schedule plans for completion by 2034

