

# East Coast Protective Levee Broward County Update

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**Governing Board Workshop**  
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# FEMA Map Modernization

- Update of Digital Flood Insurance Maps (DFIRM)
- Broward County has requested SFWMD (as owner) certify the Broward levees (38 miles)
- Levees recognized on FEMA maps as “accredited”
- Provides protection from a flood that has a 1% chance of occurring in any year
- East Coast Protective Levee must be certified per 44 CFR 65.10 for FEMA to continue to accredit the system with providing protection from base flood

# East Coast Protective Levee

## Broward County Levees

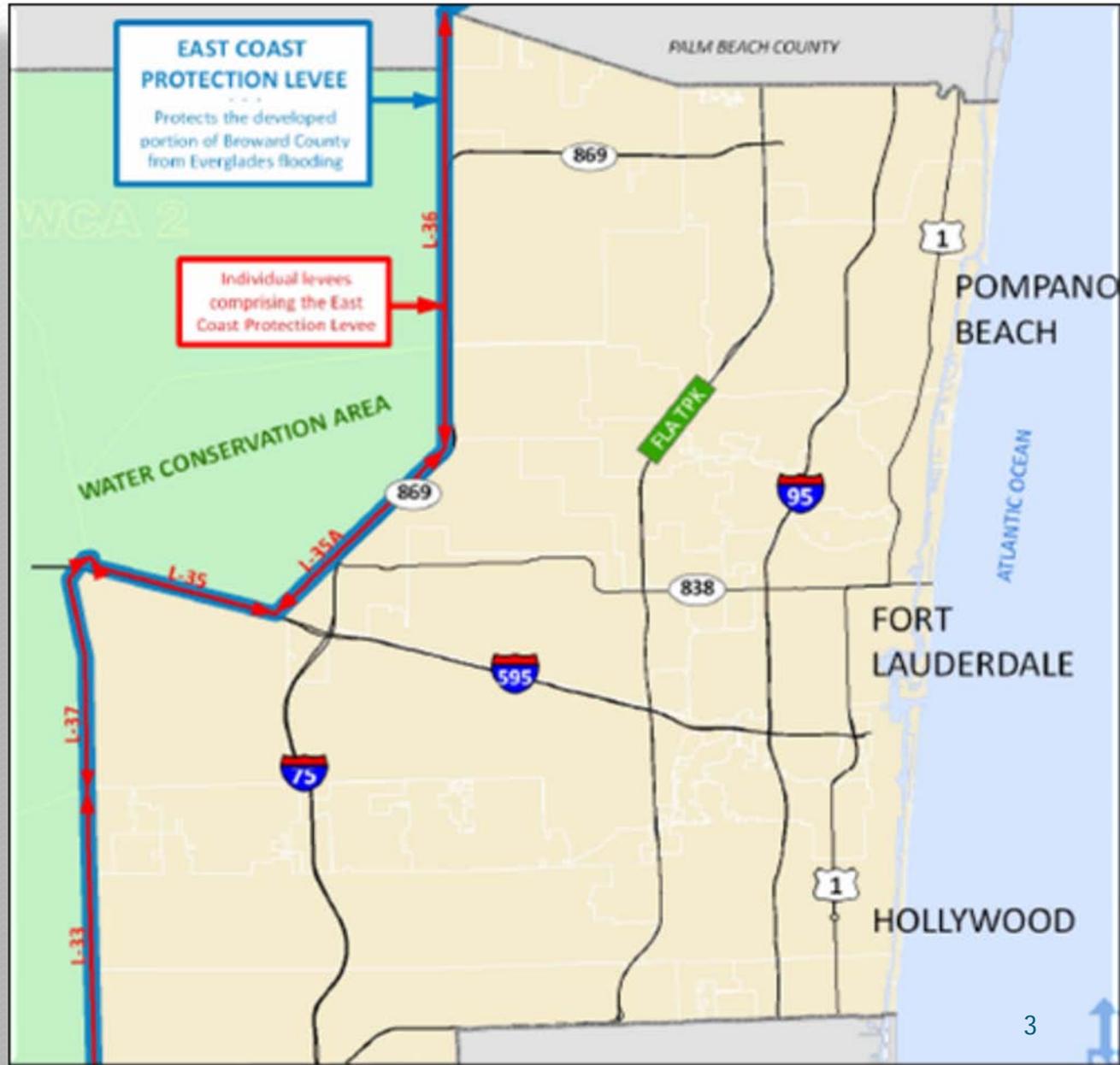
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L-35A

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L-37

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# Provisionally Accredited Levee Process

- Provisionally Accredited Levee (PAL) letters received 2/13/12
- Gives SFWMD 2 years to provide certification documentation
- Must submit documentation before May 13, 2014
- SFWMD, Broward County and the 8 adjacent municipalities are being asked to execute a letter of agreement in 90 days
- Adjacent municipalities include: Coral Springs, Miramar, Parkland, Pembroke Pines, Southwest Ranches, Sunrise, Tamarac and Weston
- SFWMD staff will sign the PAL letter

# Provisionally Accredited Levee Process

44 CFR 65.10 Certification includes:

- Freeboard
- Closures
- Embankment Protection
- Embankment and Foundation Stability
- Settlement
- Interior Drainage
- Operations Plan
- Maintenance Plan



# Broward Levees Maintenance

- Filter berm is for long term maintenance
- Lower seepage exit gradients and minimize piping
- Repairs for USACE inspection report deficiencies
- Design is complete and in procurement
- Construction bid out in three contracts
- Opinion of probable cost - \$12.5M
- May Governing Board agenda



Questions?