

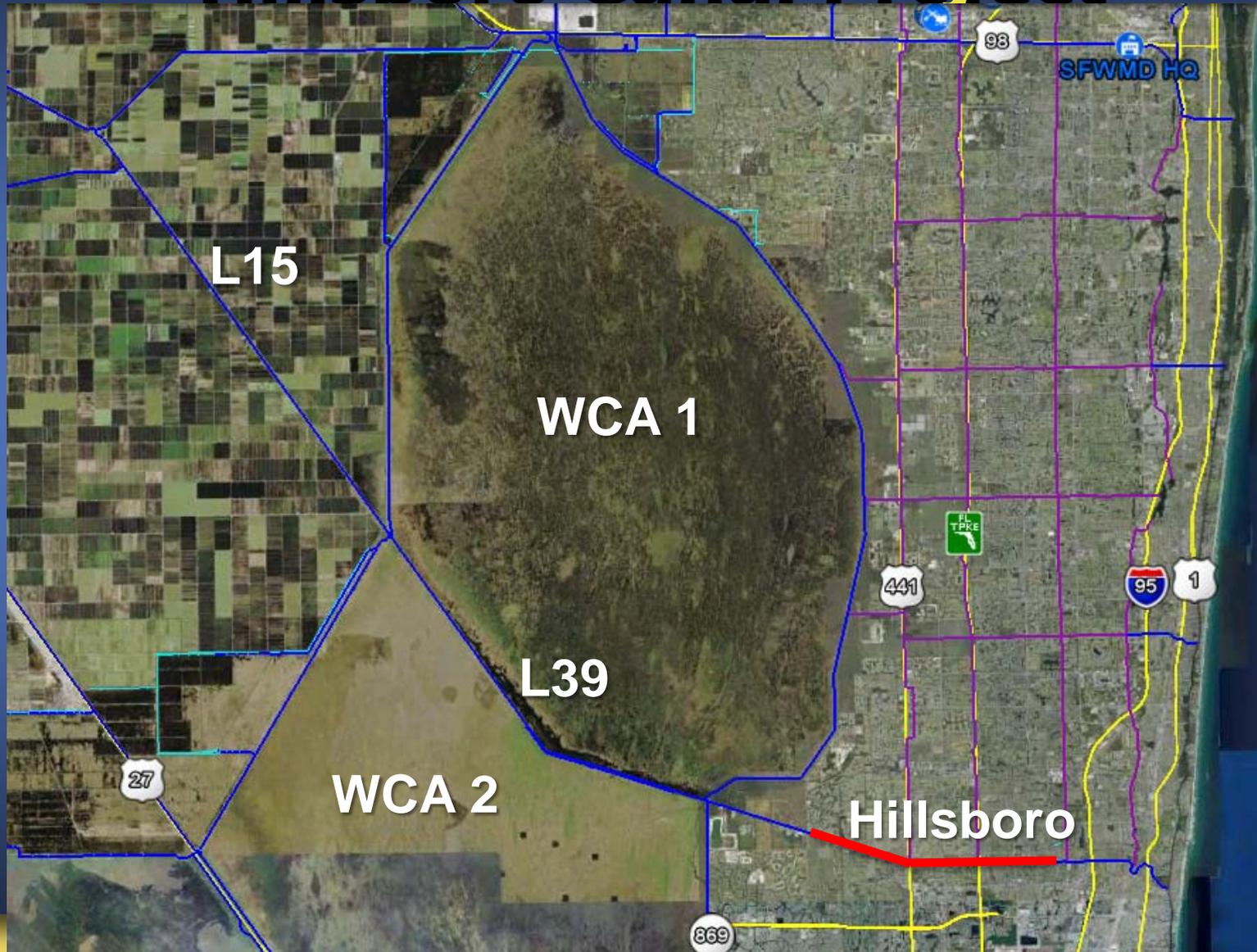
Hillsboro Canal Project

April 12, 2012

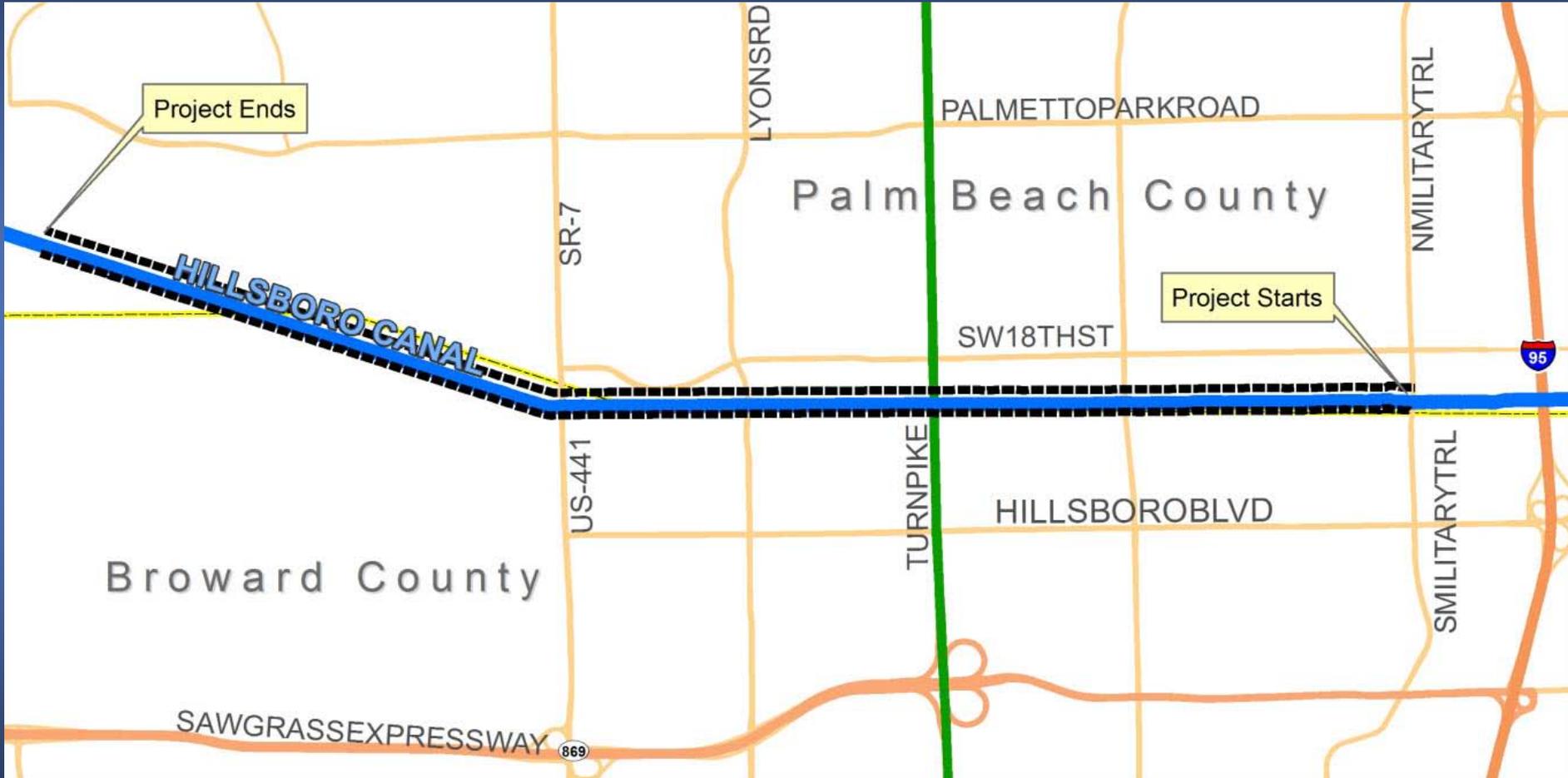
**Lucine Dadrian, P.E.
Engineering & Construction Bureau
Operations, Maintenance & Construction**



Hillsboro Canal Project



Hillsboro Canal Project



Trees and Debris - SR-7 and Lyons Rd



Trees and Debris - Lyons Rd and Turnpike



Trees and Debris - Turnpike and G-56 Structure





C-1N
Near S-149



sfwmd.gov

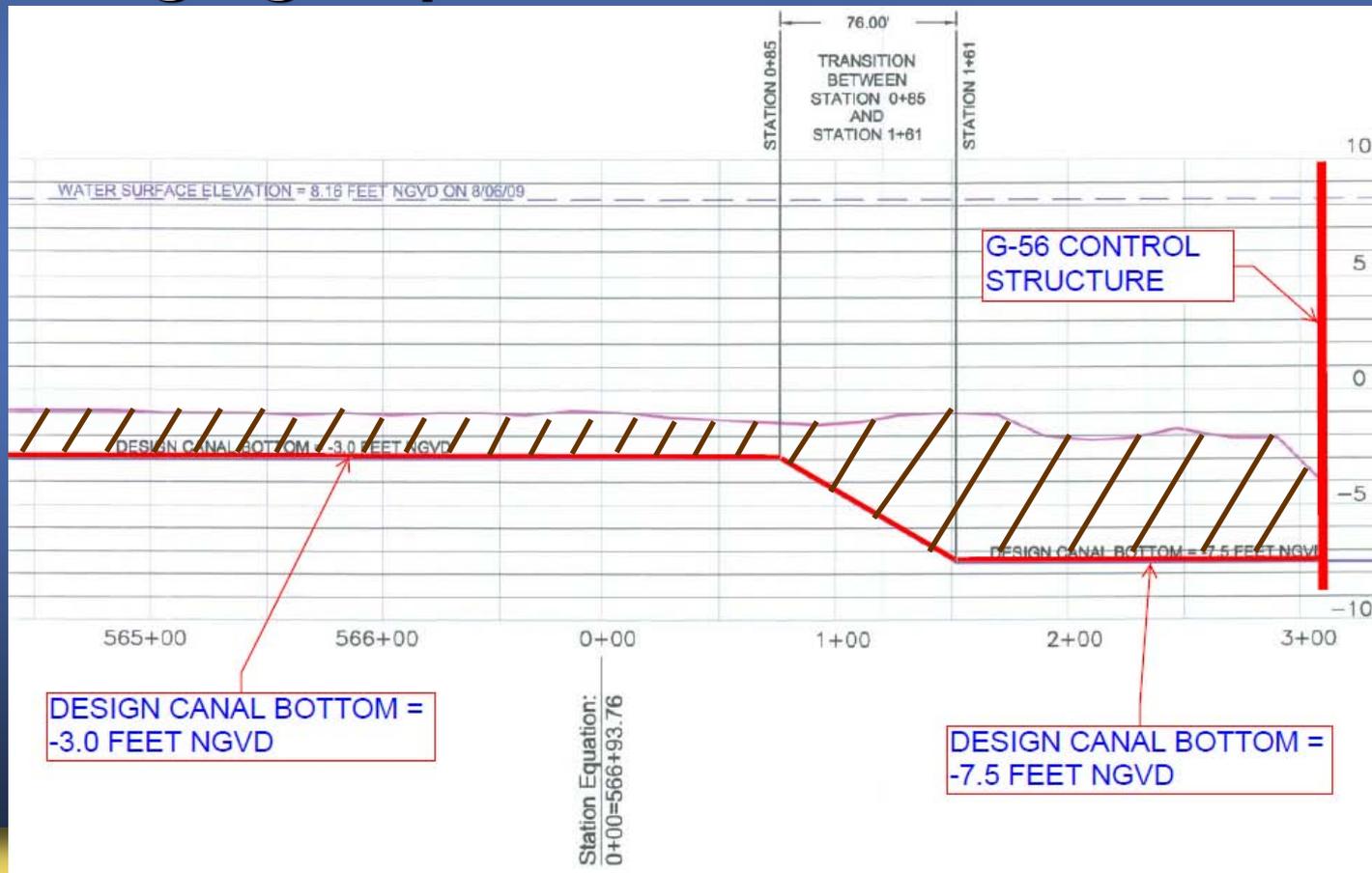
Mission

- Flood Control
- Long Term Maintenance



Design Challenges

- Bank erosion and sedimentation
- Dredging required near the G56 structure



Design Challenges

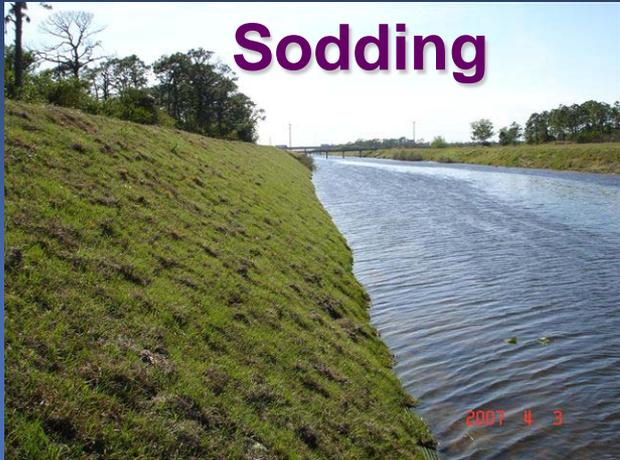


- Stabilize canal banks for a 50-year design life

Design Challenges



Bank Stabilization Alternatives



Sodding



Articulated Blocks



Riprap



Turf Mat



Project Timeline and Cost

- Design Completion December 2012
- Procurement January – February 2013
- Governing Board March 2013
- Construction (600 days) April 2013 – Feb 2015

- Engineering and Construction Cost \$22M



Permitted Uses on District ROW

- When obtaining a ROW permit, Permittee agrees and acknowledges that:
 - Permittee shall promptly comply with all orders of the District and shall alter, repair or remove his/her use solely at his/her expense in a timely fashion
 - The permit is a revocable license
 - The permit does not convey any property rights to permittee
 - Permittee bears all risk of loss as a result of revocation of the permit



Encroachments on District ROW

- Permitted and unpermitted encroachments are present along the project extent
- District will provide residents with notice and will allow 90 days for residents to remove/salvage structures, trees, and encroachments that interfere with the project construction
- Facilities that are not removed by the specified date will be removed by the District or its contractor
- Enforcement actions or permit revocation may be required, which could delay removal of encroachments
- Residents may apply for a permit after the project is complete to construct new or replacement facilities that are compatible with the project



Dock Structures



Deer Creek Golf Course

Permitted Tee boxes on canal right-of-way



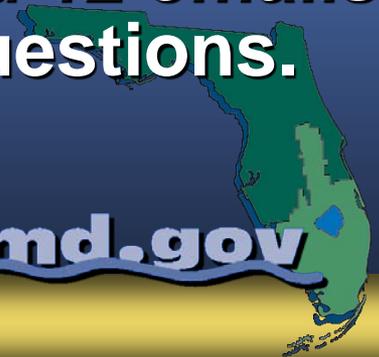
Outreach Performed to Date (Palm Beach and Broward Counties)

- Briefed local, county, state and federal officials whose constituents may be impacted by the project.
- Mailings with letter and information sheet to residents within a quarter mile radius of project (approx. 720 homes) to explain project and provide specialized District staff contacts to assist with questions or concerns.



Outreach Performed to Date

- District staff knocked on over 100 doors and personally briefed approx. 70 homeowners with encroachments along Phase 1 & 2 of the project that may be impacted.
- Briefings with homeowner associations and general managers of golf courses in project area with project staff to address specific questions and concerns.
- Responded to over 45 phone calls and 12 emails from constituents with concerns or questions.



Common Citizen Concerns on Project

- Personal reasons for not wanting to remove encroachments (such as trees) on Right of Way.
- Why the need for the project now? There has not been flooding/damage from hurricanes or storms in the past few years.
- Docks, fences, etc. were permitted so why are they now being removed?
- District should pay for removal and re-installation of docks and encroachments (compensate owners).
- Loss of privacy and property value from tree removals and concern over potential destruction of native plants.
- Iguanas will continue to undermine the repaired canal bank.



Outreach - Next Steps

- Continue follow-up briefings with elected officials and local law enforcement on process for removal of encroachments and project's progression.
- Continue information sessions with impacted residents, homeowner associations and businesses to address any questions or concerns.
- Continue door-to-door visits with residents and businesses with specific encroachment issues to facilitate encroachment removals.



Hillsboro Canal Project

QUESTIONS?

- District's website provides information & fact sheet
 - Palm Beach County: <http://www.sfwmd.gov/pbco>
 - Broward County: <http://www.sfwmd.gov/broward>

