

WELCOME

The South Howard Flood Relief Project

City Council Workshop

January 29, 2026



What 5.3" of Rain Really Means:



Flooding in Parkland Estates on 8/1/2015 after 5.4" No-name Rain

- Flooded Homes & Vehicles
- Road Closures
- Resident Displacement
- No Hospital Access
- Slowed Emergency Response
- Decreased Property Values
- Lost Business Revenue
- Costly Repairs

Estimated Costs

2022 vs. 2026

Est. \$65 million

Est. \$98 million

-The project cost is expected to decrease as the design continues

The project has grown in scale to protect the most families, homes, and businesses possible.

Expanded Route into Palma Ceia Pines

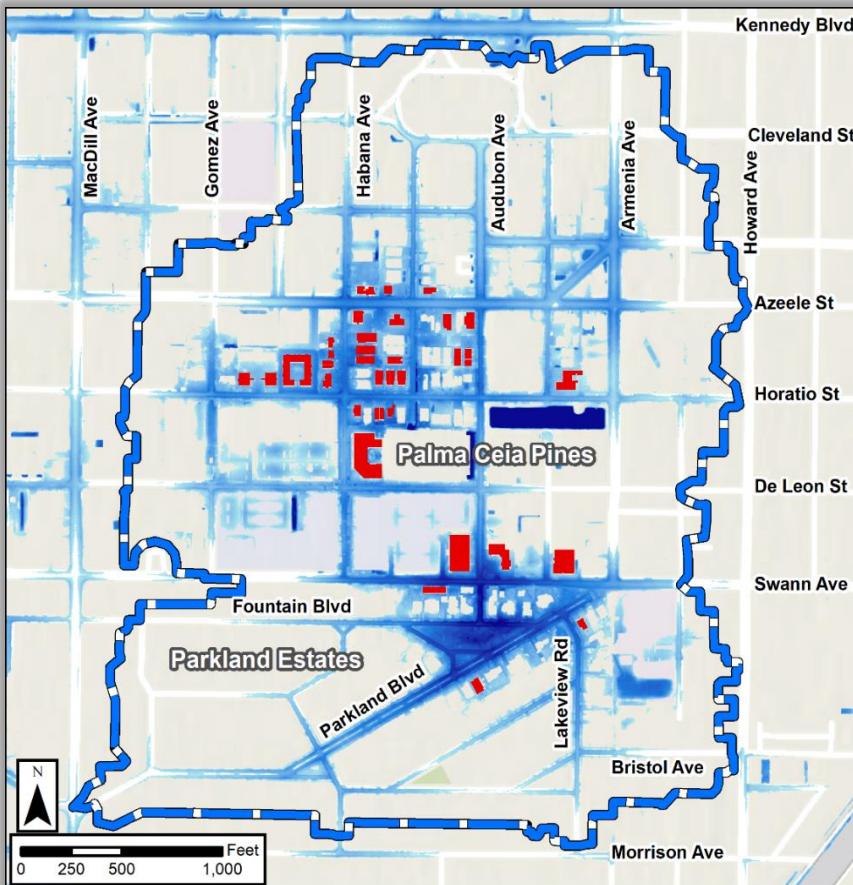


AMI Pond Connection to Palma Ceia Pines

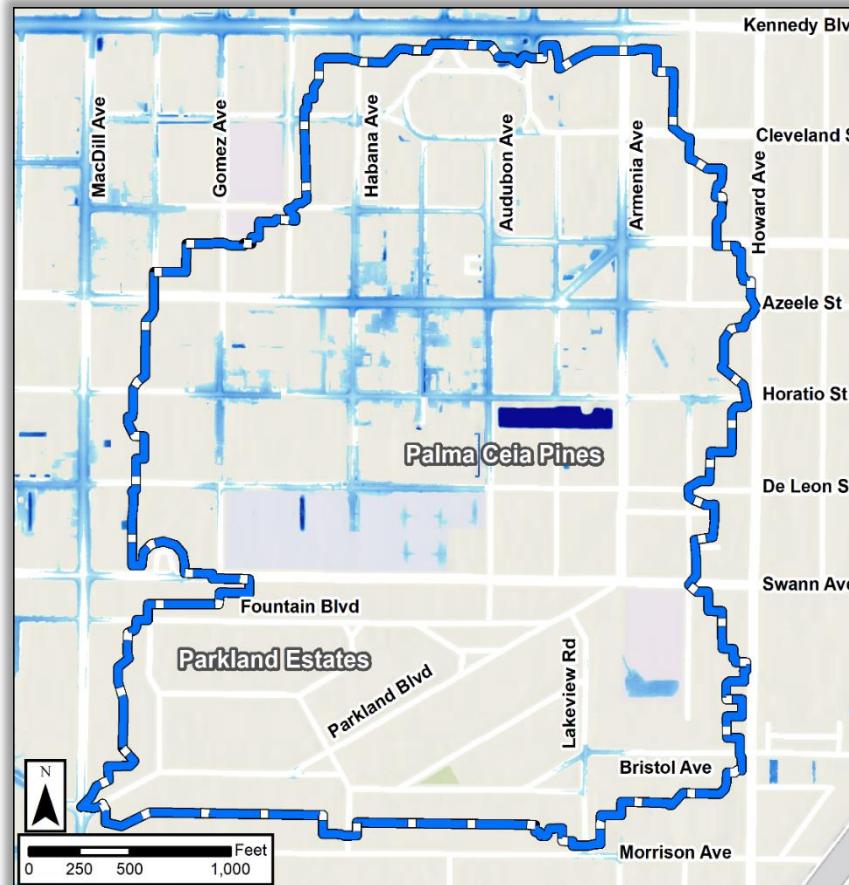


What the Investment Delivers

Current Flooding 5yr / 8hr



Proposed Flood Reduction 5yr / 8hr



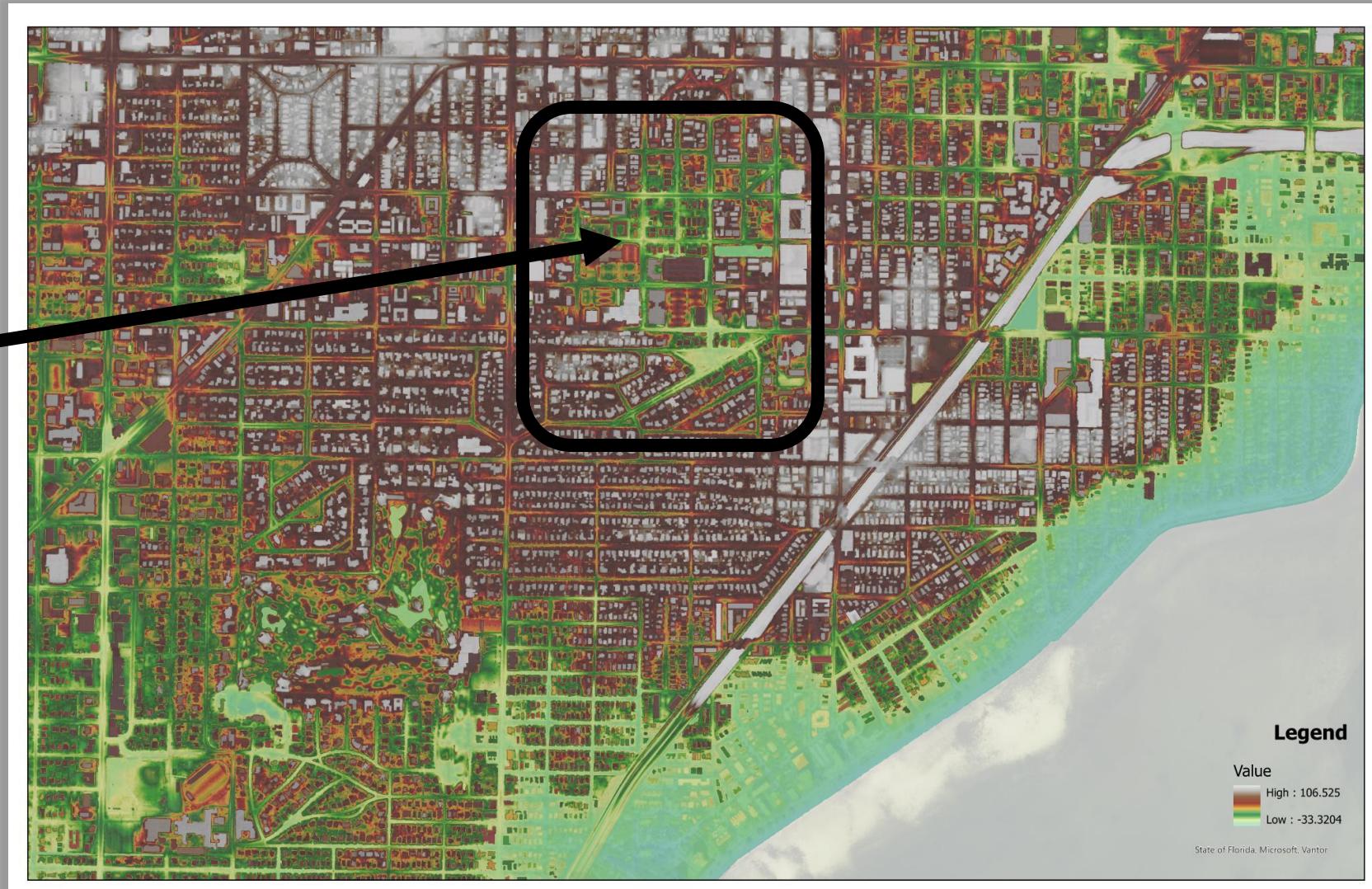
- **95% Flood Reduction**
- **Significant Improvement in Palma Ceia Pines**
- **70% Structural Flood Reduction for a *Milton-type Event* (220+ Homes & Businesses Saved)**

70% Less Structural Flooding

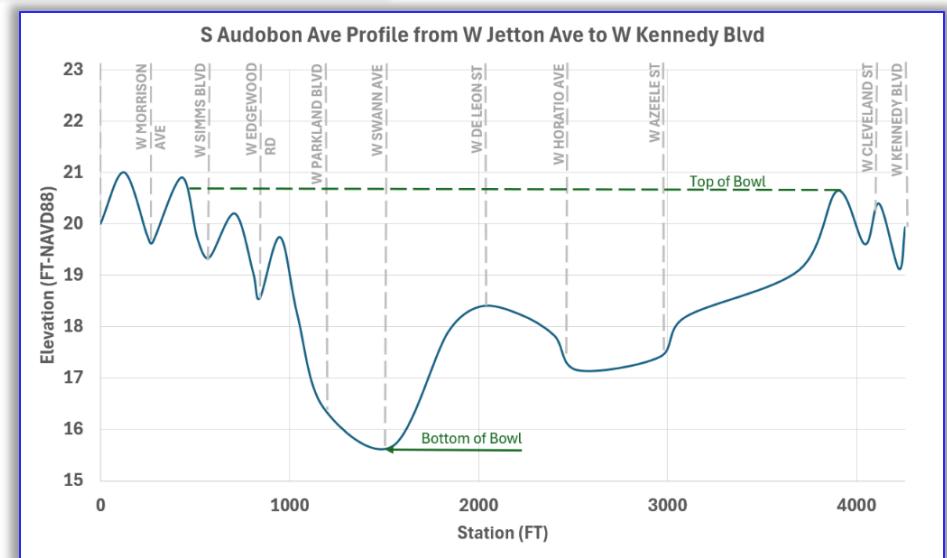
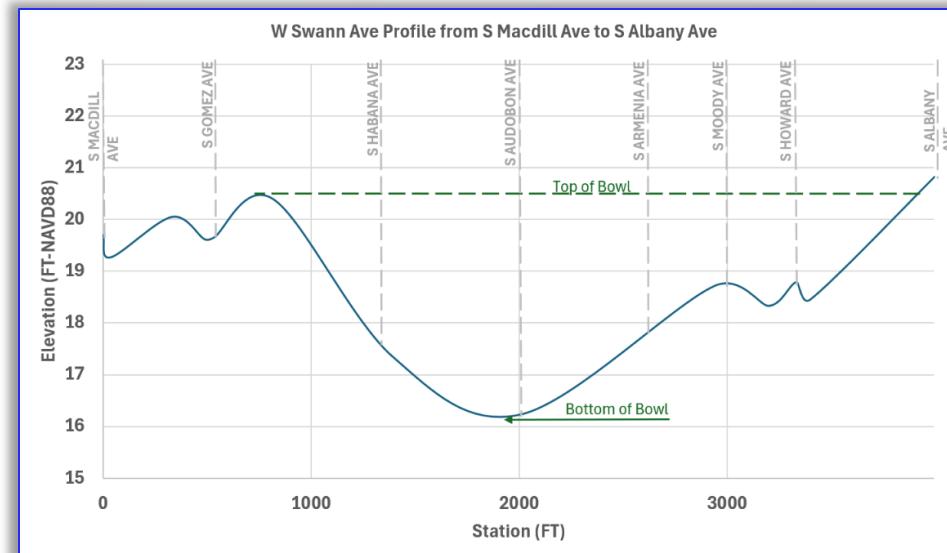
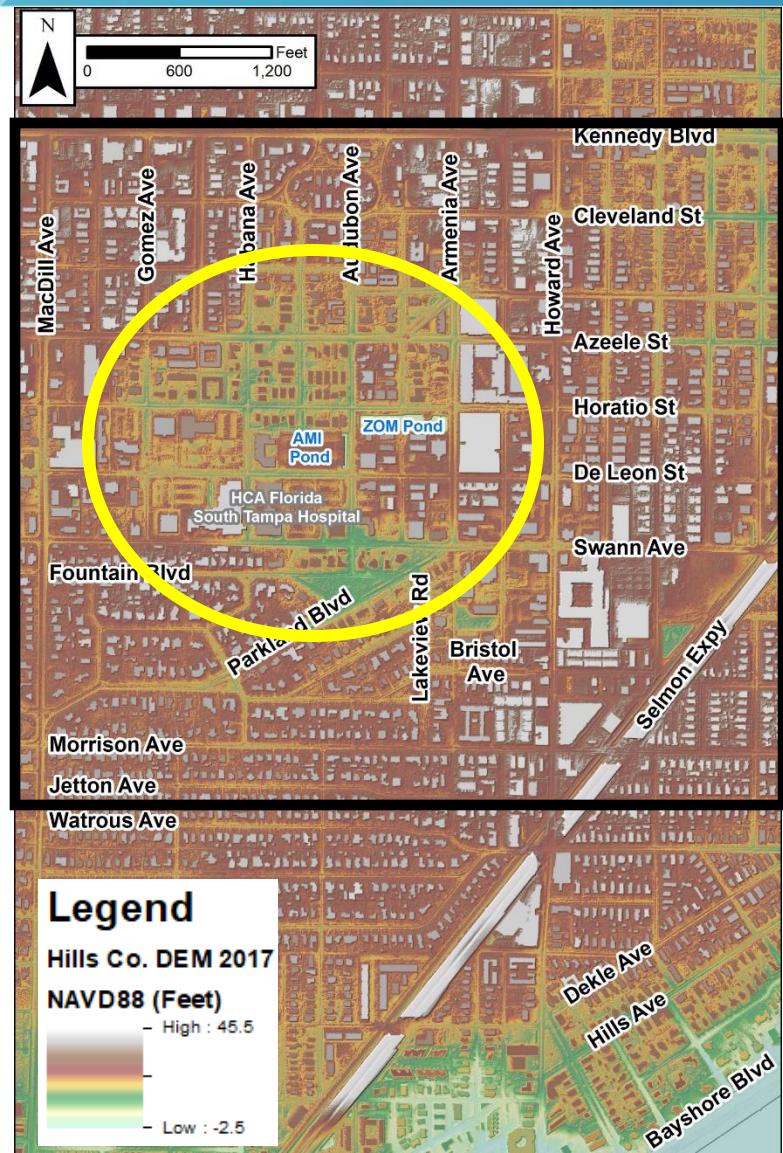


Bowl Shaped Topography

Green = LOW



Why Does this Area Flood? (The “Bowl”)



Decades of Studies

CLEVELAND STREET BASIN DRAINAGE STUDY

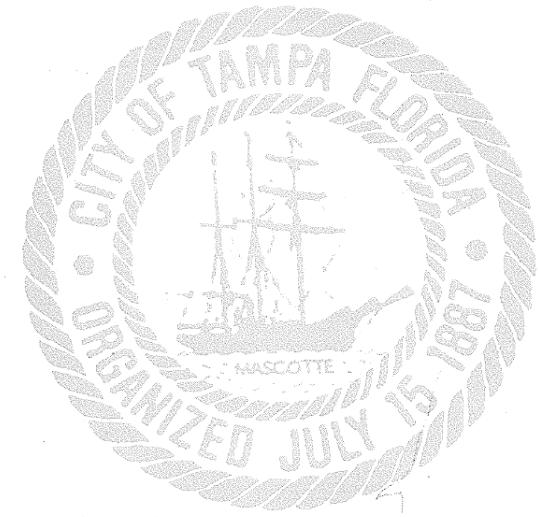


STORMWATER MANAGEMENT DIVISION
DEPARTMENT OF PUBLIC WORKS
CITY OF TAMPA, FLORIDA

POST, BUCKLEY, SCHUH & JERNIGAN, INC.
CONSULTING ENGINEERS PLANNERS LANDSCAPE ARCHITECTS

1983 Study by PBS&J

CLEVELAND STREET BASIN DRAINAGE STUDY



STORMWATER MANAGEMENT DIVISION
DEPARTMENT OF PUBLIC WORKS
CITY OF TAMPA, FLORIDA

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

1988 Study by PBS&J



City of Tampa
Cleveland Street Basin
Masterplan Update



Prepared By :
PBS&J

May 2009

2009 Study by PBS&J



CA No. 5917

UPPER PENINSULA STORMWATER IMPROVEMENTS – EAST REGION

PRELIMINARY ENGINEERING REPORT

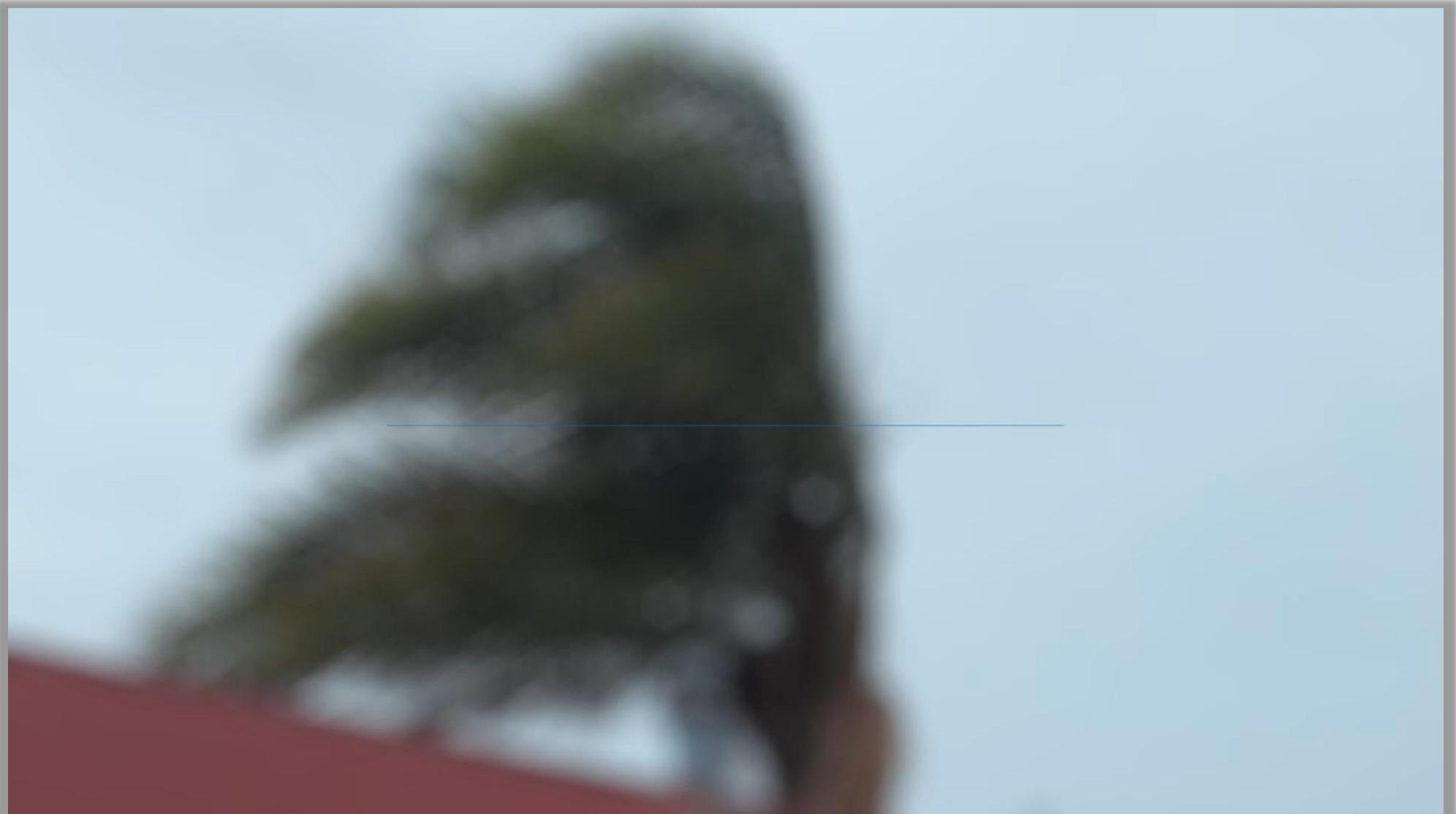
Submitted to:
Stormwater Engineering Division
Mobility Department
City of Tampa



2022 Study by JMT

April 202

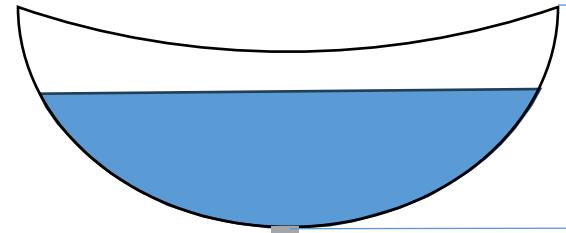
South Howard Project Explained



Why Does this Work

Palma Ceia Pines & Parkland Estates

Elevation $\sim 20'$



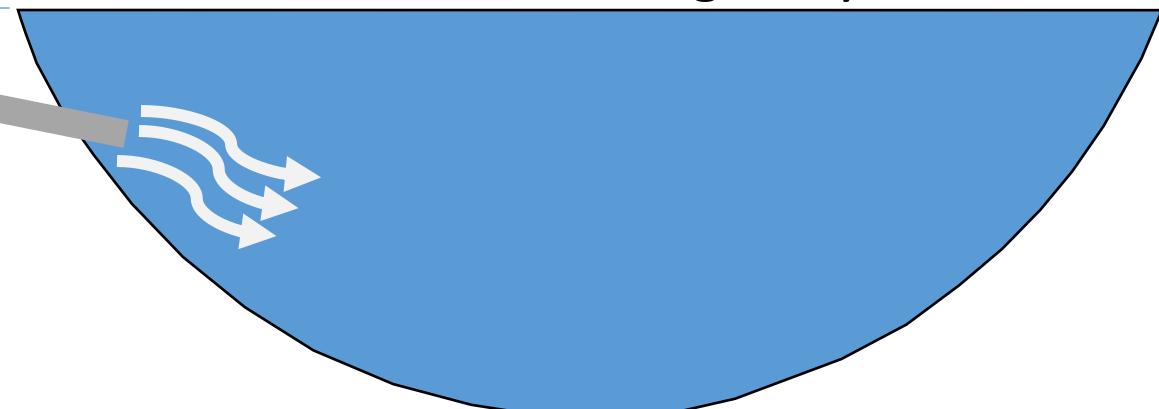
Elevation $\sim 15'$

GRAVITY

New Box Culvert

Elevation $\sim 0'$

Hillsborough Bay



Success Stories

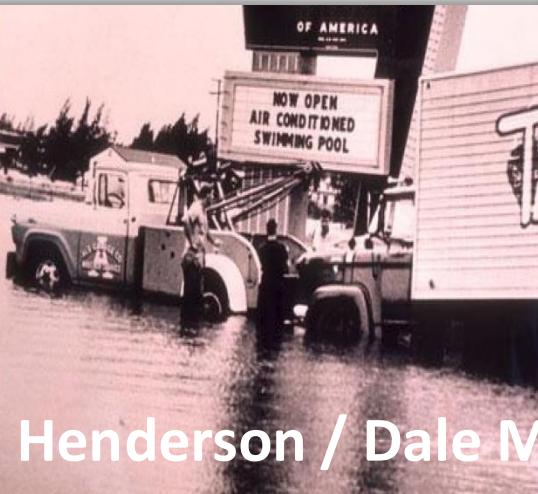
MacDill 48



SE Seminole Heights



SE Seminole Heights



Henderson / Dale Mabry



Manhattan Ave.



Cypress St. Outfall

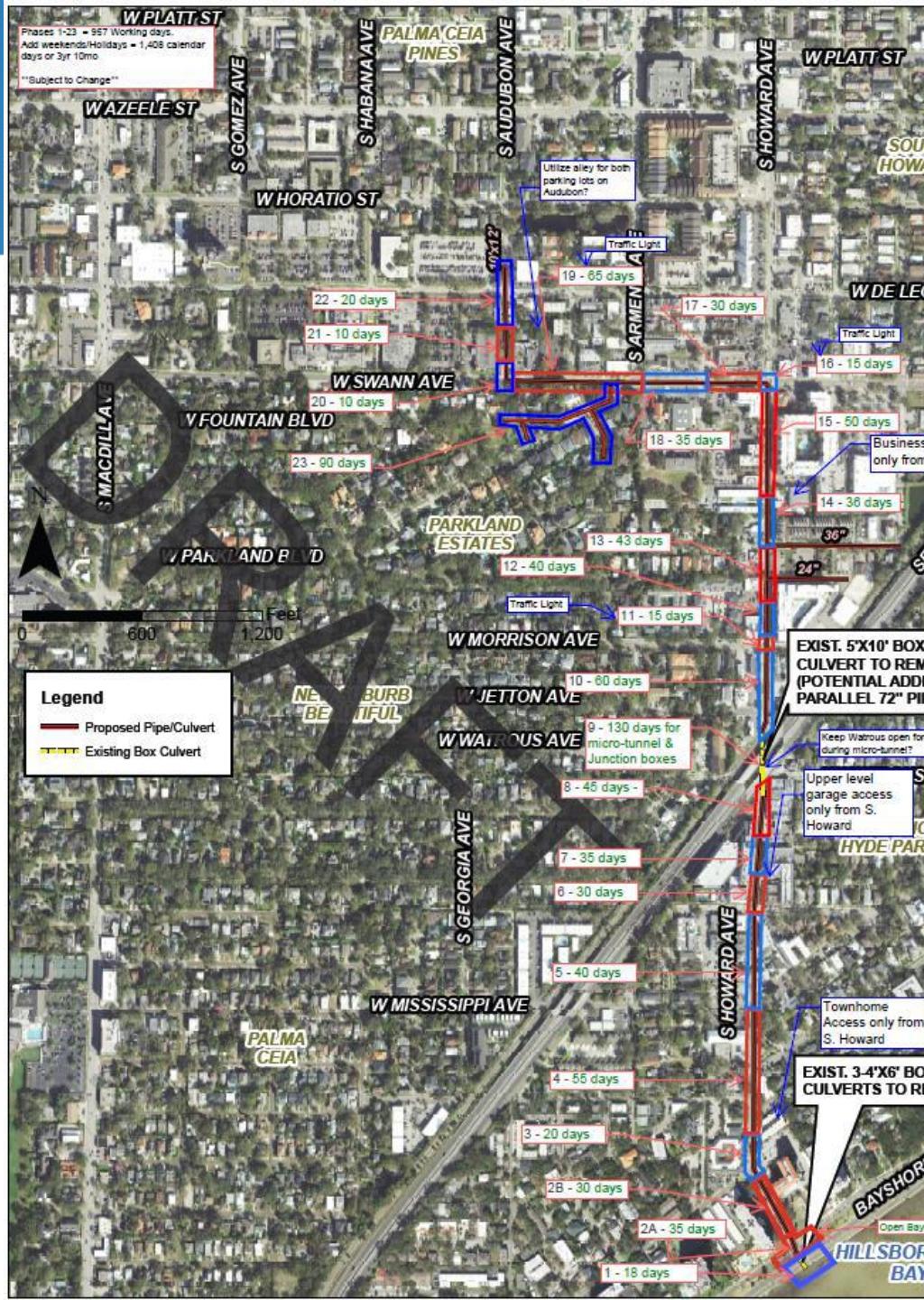
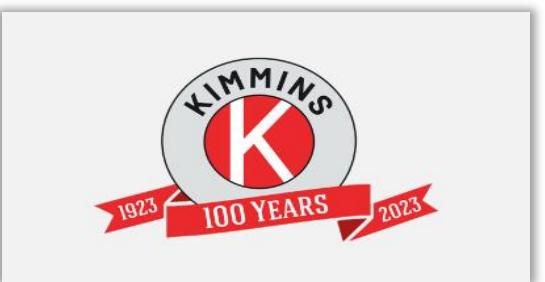
Our Team



Minimizing Impact

- 15-60 Days per Segment Near Business District
- Construction Pause During Business “Busy Season”
- Business Access to Remain
- Restore as You Go
- Sidewalk Kept Open at All Times
- Parking Needs Will Be Addressed
- Work With Business Community on a “*Shop Howard*” Style Campaign

Preliminary Construction Phasing Plan



New and Improved South Howard Ave.

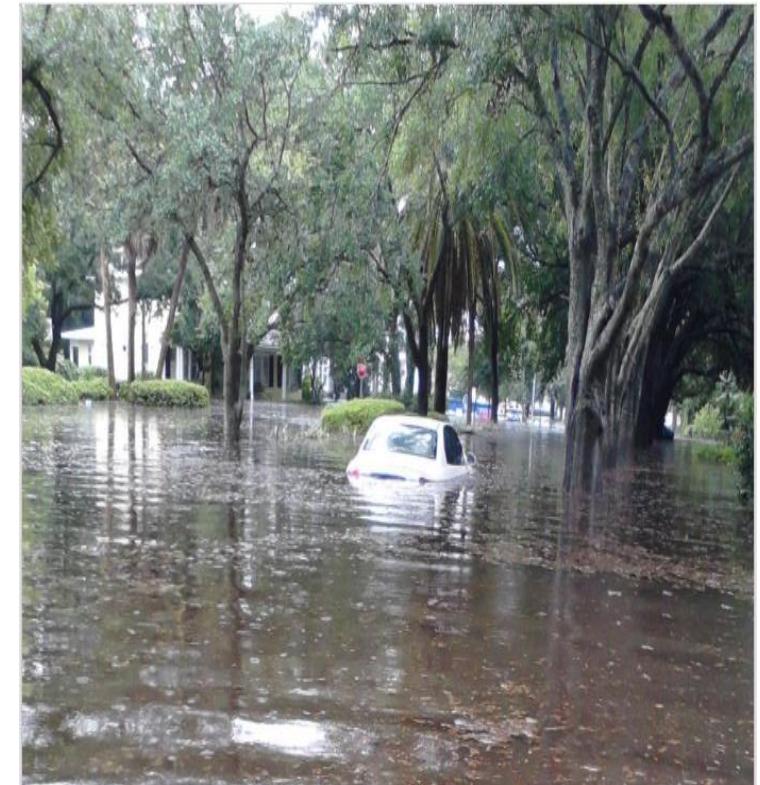


New and Improved South Howard Ave.

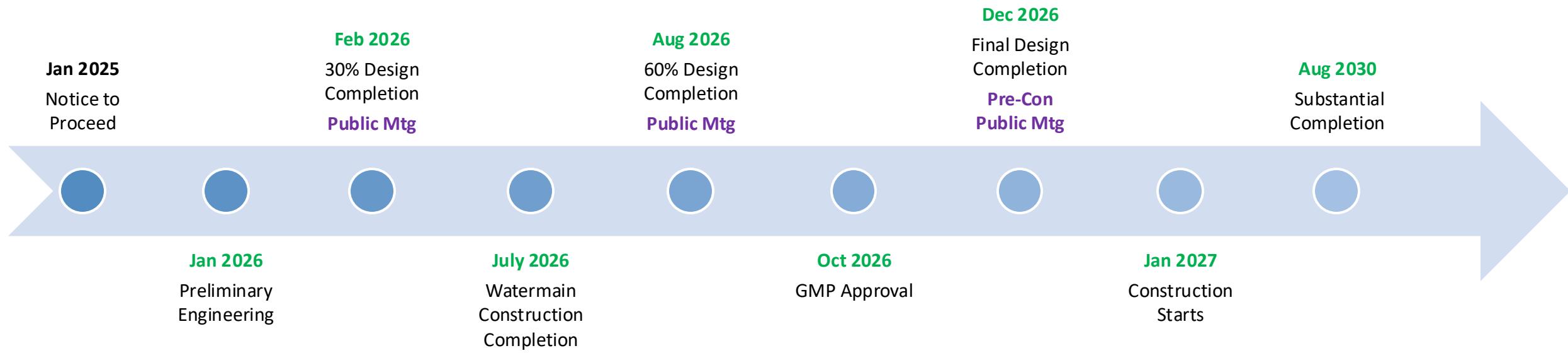


Addressing Concerns:

- Maintenance Alone Will Not Solve This Big of a Problem
- The City and DB Engineers Have Evaluated More Than a Dozen Alternatives.
 - More Expensive, Less Feasible to Build, More Disruptive, Less Effective
- There's **NO Plan B** That Will Deliver This Kind of Flood Relief



Where is the Project Today & Next Steps



Project Team

- Preliminary Engineering Completed
- 30% Design & Public Meeting in Early Spring
- 60% Design & Public Meeting in Late Summer

City Council

- Financial Resolution Approval*
- GMP Approval in Late Summer

**\$20,895,000 Budget Transfer from Completed Lower Peninsula Project*

The South Howard Flood Relief Project:



- Protects Families
- Protects Businesses
- Improves Resiliency
- Saves on Insurance
- Improves Home Values
- Reimagined Streetscape
- Improved Water Quality
- Is Generational

This can be a thing of the past

THANK YOU

The South Howard Flood Relief Project

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