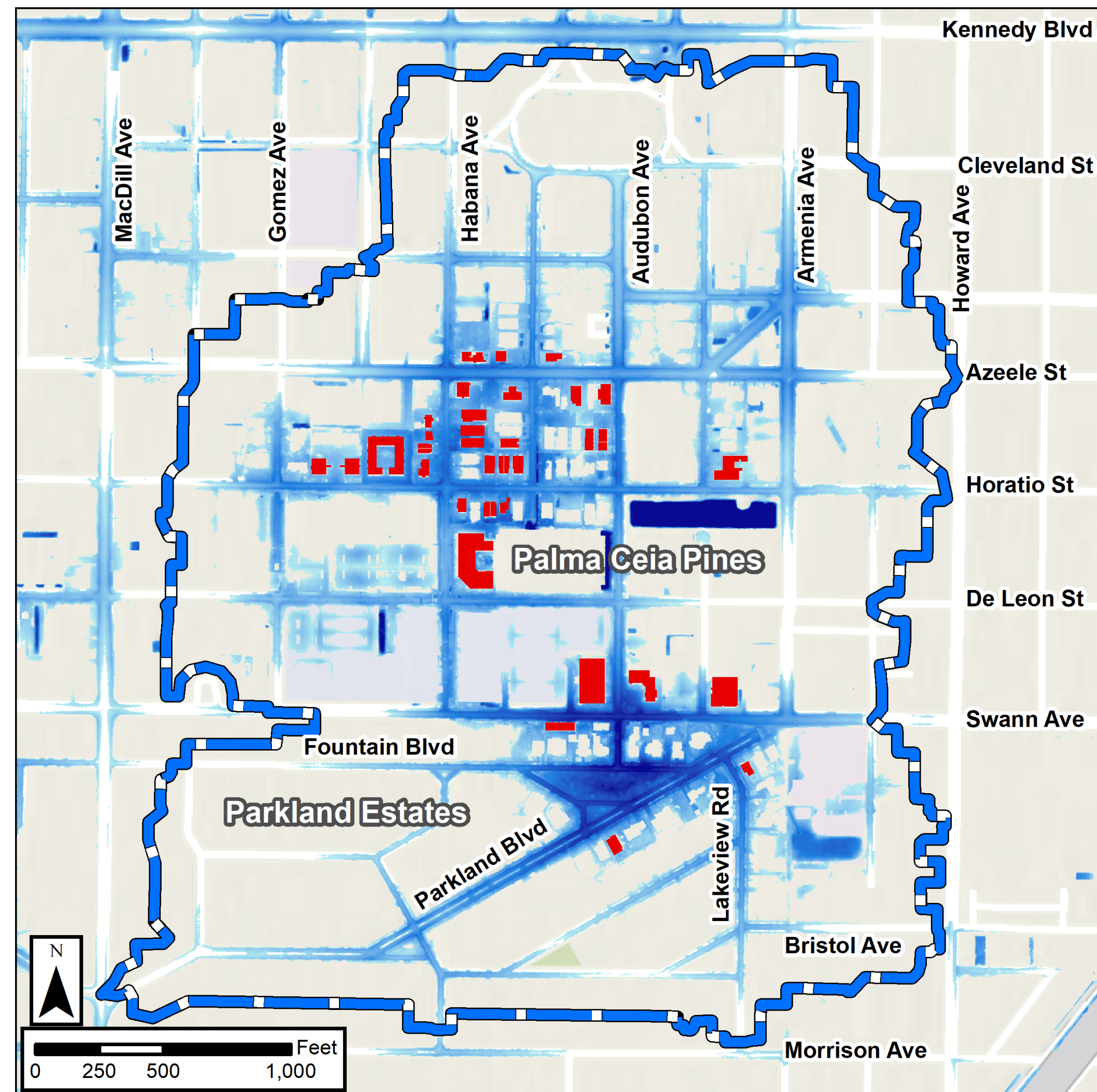


SOUTH HOWARD FLOOD RELIEF PROJECT

PROJECT BENEFITS



EXISTING CONDITION FLOOD EXTENTS 5YR-8HR

PROPOSED CONDITION FLOOD EXTENTS 5YR-8HR

Summary of Proposed Phase I Flood Reduction Benefits

Flood Reduction Benefit	Simulated 2.33-year/ 8-hour (4.5 inches)	Simulated 5-year/ 8-hour (5.3 inches)	Simulated 10-year/ 24-hour (7.0 inches)	Simulated 25-year/ 24-hour (9.0 inches)	Simulated 50-year/ 24-hour (10.0 inches)	Simulated 100-year/ 24-hour (11.0 inches)	Simulated Hurricane Milton (13-14.5 inches*)
Proposed Reduction of Roadway Inundation (miles)	3.1	4.6	3.9	4.0	3.4	2.9	3.9
Proposed Reduction of Inundated Homes/ Businesses**	N/A	96	113	172	183	153	225
% Reduction of Inundated Homes/Businesses**	N/A	100%	92%	85%	72%	56%	68%

* Hurricane Milton rainfall totals vary across the model's geographic limits, and were estimated by radar (Source: NEXRAD).

** Includes predicted total number of ground floor dwellings, including single family homes, businesses, and individual apartment or townhome units, within the 206 specific buildings surveyed in 2025 by the design-build team.

Note: Benefits reflect all proposed Phase I improvements as depicted in the map on left. Additional future projects that reduce runoff to this area will further increase the benefits.

