



# CITY OF ISLE OF PALMS, SC

Presentation to City Council  
WATERWAY BLVD. PATHWAY AND TIDAL FLOOD MITIGATION  
IMPLEMENTATION UPDATE

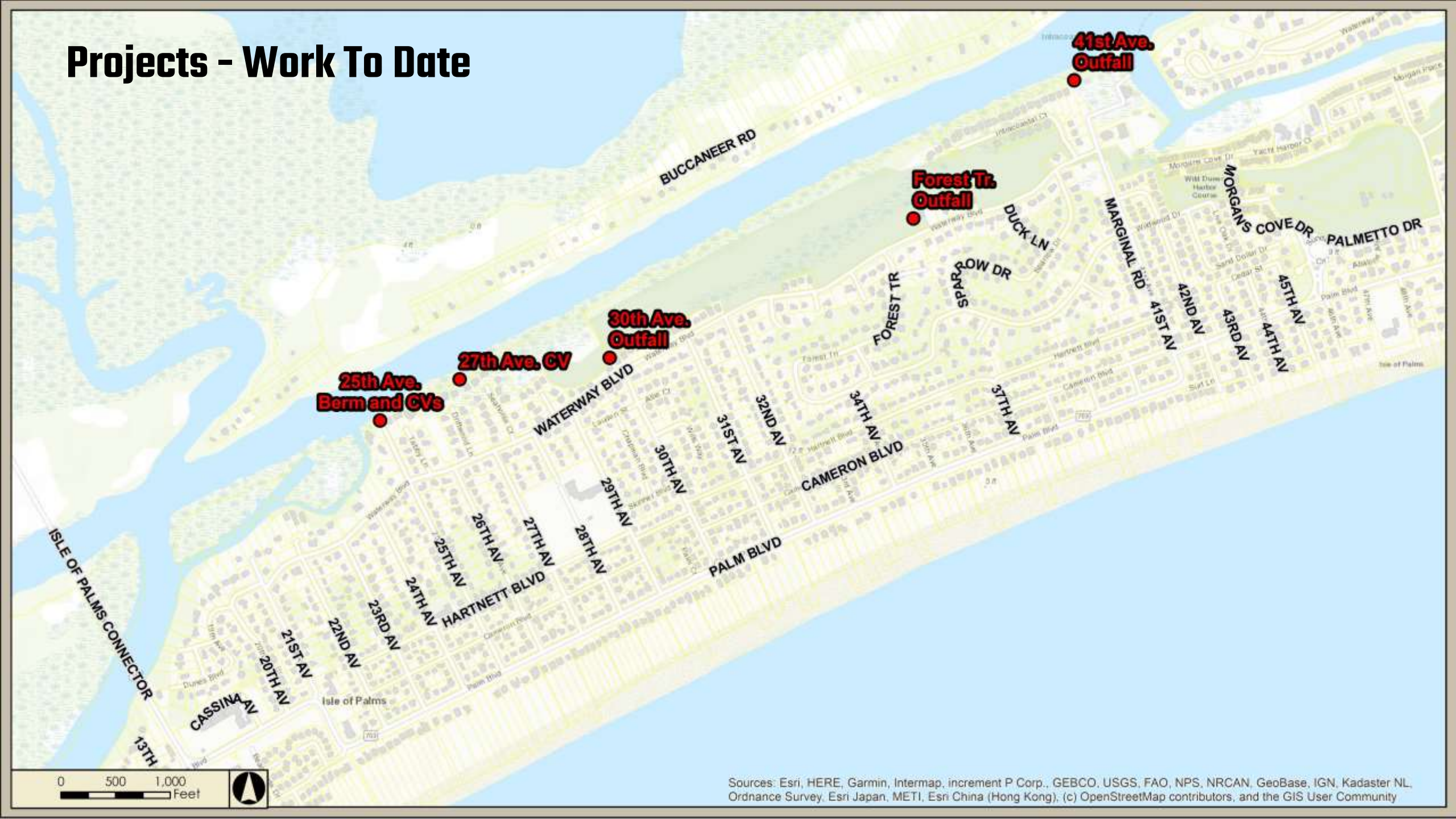
August 26, 2025



- **Major Drainage Outfalls**
  - **30<sup>th</sup> Ave. Outfall**
  - **Forest Trails Outfall**
  - **41<sup>st</sup> Ave. Outfall**
- **Minor Tidal Flood Mitigation**
  - **25<sup>th</sup> Ave. Berm/Check Valves**
  - **27<sup>th</sup> Ave. Check Valve**



# Projects - Work To Date

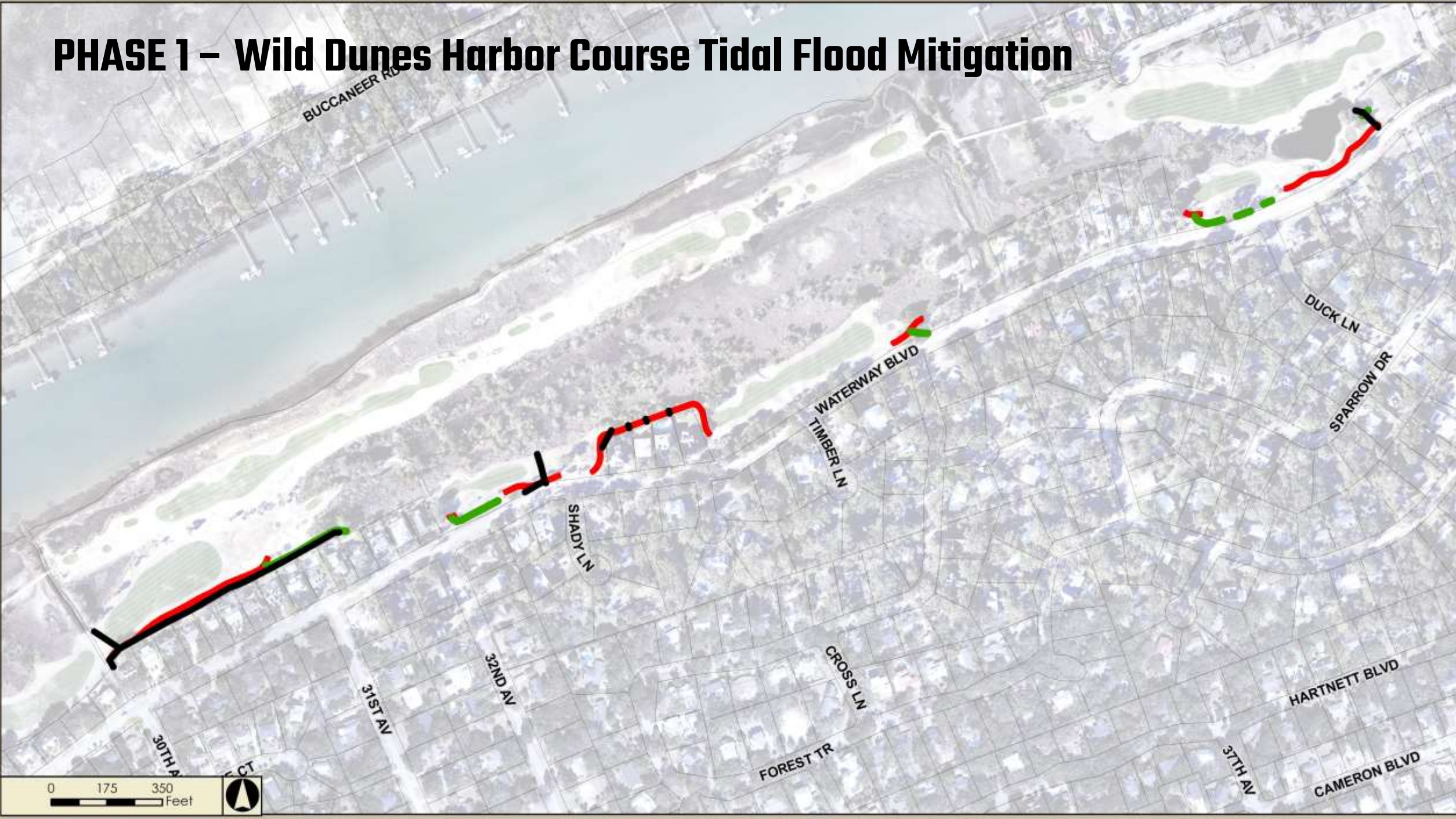


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

- **Phase 1 – Wild Dunes Harbor Course Tidal Flood Mitigation**
  - Design Completed (All work within WD renovation footprint)
  - Permitting Completed (Permitted at modification to WD permits)
  - Bidding Completed (3 bids received)
  - Award Pending
  - Check Valves To Be Ordered Separately (Installed by Contractor)



# PHASE 1 – Wild Dunes Harbor Course Tidal Flood Mitigation



- **Phase 1A – 3107, 3109, and 3111 Waterway Blvd – Tidal Flood Mitigation**
  - Conceptual Design
  - To Be Completed As Change Order to Ph 1 Contract
  - Check Valves To Be Ordered Separately



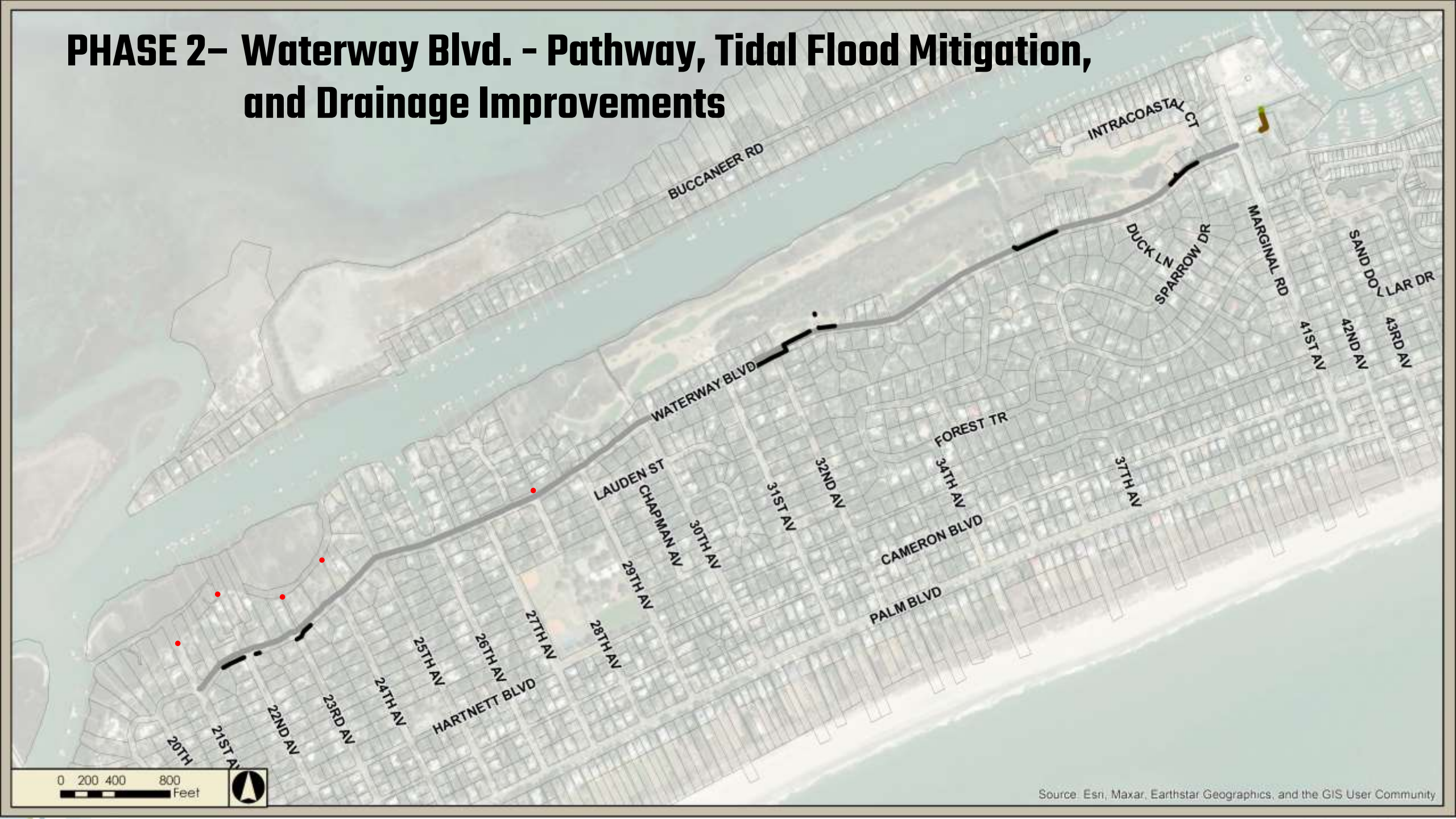
# PHASE 1A – 3107, 3109, and 3111 Waterway Blvd. Tidal Flood Mitigation



- **Phase 2 – Waterway Blvd. - Pathway, Tidal Flood Mitigation, and Drainage Improvements**
  - **Design Complete (95%)**
  - **Under Review by Permit Agencies (Addressed 1<sup>st</sup> Round of Comments and Resubmitted)**
  - **Check Valves Included in Cost Estimate**
  - **Partially Funded by Grant**



# PHASE 2- Waterway Blvd. - Pathway, Tidal Flood Mitigation, and Drainage Improvements



- **Phase 3 – 3607, 3609, 3611, 3613 and 3615 Waterway Blvd. - Tidal Flood Mitigation**
  - **Conceptual Design**
  - **Check Valves Included in Cost Estimate**



# PHASE 3 – 3607, 3609, 3611, 3613 and 3615 Waterway Blvd. - Tidal Flood Mitigation



# Waterway Blvd. Pathway and Tidal Flood Mitigation

## Estimated Construction Costs

Phase	Description	Status	Construction Cost	
Phase 1	Wild Dunes Harbor Course - Tidal Flood Mitigation	Bids Received, Contract Award Pending	\$	1,270,690
Phase 1	Wild Dunes Harbor Course - Tidal Flood Mitigation Check Valves	Vendor Proposal, Waiting Execution	\$	59,348
Phase 1A	3107, 3109, and 3111 Waterway Blvd - Tidal Flood Mitigation	Proposed Contract Change Order	\$	85,773
Phase 1A	3107, 3109, and 3111 Waterway Blvd - Tidal Flood Mitigation Check Valves		\$	22,000
Phase 2	Waterway Blvd. - Pathway, Tidal Flood Mitigation, and Drainage Improvements	95% Designed, In Permitting	\$	2,884,400
Phase 3	3607, 3609, 3611, 3613 and 3615 Waterway Blvd. - Tidal Flood Mitigation	Conceptual Design	\$	1,515,000
TOTAL COST			\$	5,837,211