



# Project Needs



Structural Deficiencies

- Oldest Structures
  - Bridge Nos. 150138 & 100301 = 51 yrs.
  - Bridge No. 100064 = 43 yrs. (rehab – Original yr. 1952)
- Life-Cycle Cost Analysis to determine replacement

Causeway Vulnerability

- Vulnerability Assessment and Resiliency Study underway
- Damage during Hurricanes and Tropical Storms

Safety

- 1.39 crash/million vehicle miles traveled (MVMT)
- 2.7 x statewide average (0.51 crash/MVMT)
- Highest crash frequency at:
  - Dr. Kiran Patel Blvd.
  - Boat Ramp Entrance
  - Rocky Point Dr.
- Emergency Evacuation Capacity

Traffic Capacity

- Capacity needed before design year (2050)
  - Dr. Kiran Patel Blvd. to Bay Harbor Dr.

Water Quality

- Old Tampa Bay Water Quality Improvement project