

# StrongPorts Initiatives - FY2018

## ITS MARAD Initiative

- Seeks to develop foundational research to support ITS projects that will improve the performance of ports and terminals and will further integrate ports into the larger transportation system
- Execution in 3 Phases:
  - Exploratory Phase (Year 1-2)
  - Research, Development and Testing (Year 2-3)
  - Demonstration Phase (Year 4-5)

# Phased Approach

- Phase 1: Pre-Deployment Preparation & Analysis (2016-2017)
- Phase 2: Development & Demonstration Planning (2017-2018)
- Phase 3: Demonstration & Assessment (2018-2020)



# Current Activities

## **Business Case Assessments (4)**

- Queue Detection and Wait Time Systems
- Truck Appointment System
- Advanced Transportation Management Information and Security System (ATMIS) and Freight Advanced Traveler Information Systems (FRATIS)
- Port Community System (PCS)

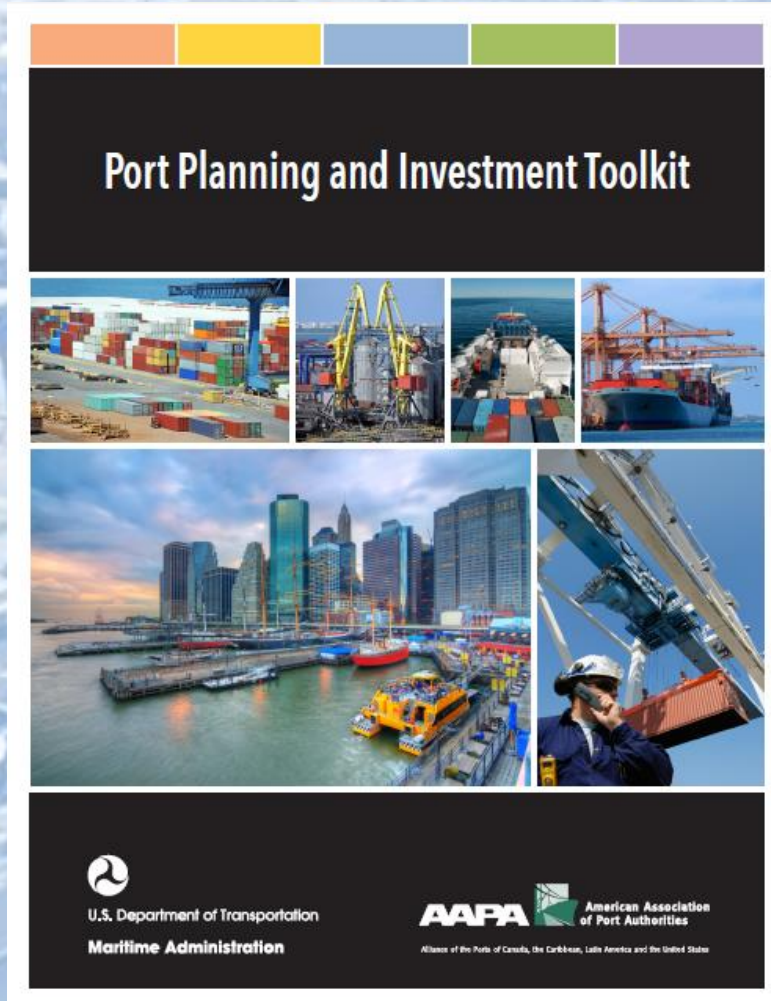
## **Truck –Port Staging State of Practice Analysis**

## **Port Planning and Investment Toolkit ITS Module**

# Port Planning & Investment Toolkit

## A Maritime Industry Joint Venture

- MARAD and AAPA released the PPIT in early 2017
- Feedback from MED Committee
  - Ways to enhance the Toolkit?
    - Focus on outreach and workshops?
    - Supplemental trainings?





# Port Planning & Investment Toolkit

## A Maritime Industry Joint Venture

- Exploring New Module(s) Topics:
  - On-dock rail planning and operations
  - Environmental sustainability: energy savings, use of solar panels, etc.
  - Information portals– digital cargo tracking system (being done in Port of Los Angeles)
  - Cybersecurity
  - Navigating through Formula Funds
  - Others?

# Contact

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