# Advanced Transportation and Congestion Management Technologies Deployment Grant

TIMMA Committee
Agenda Item 7



TREASURE ISLAND MOBILITY MANAGEMENT AGENCY

June 19, 2018

# Advanced Transportation and Congestion Management Deployment (ATCMTD)

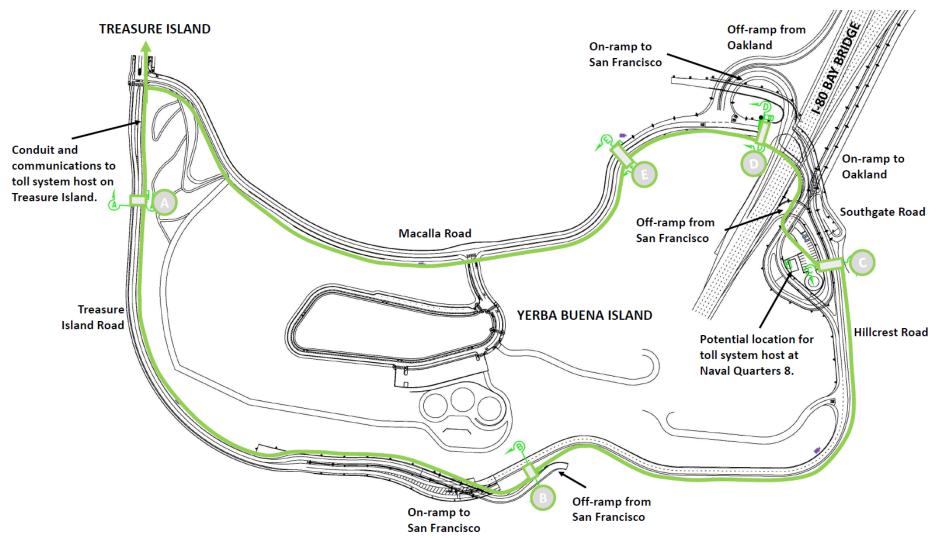


- Grantor: Federal Highway Administration (FHWA)
- ▶ **Purpose:** Deploy advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.
- ► Lead Applicant: SFMTA
- ► Match: Treasure Island Development Authority (TIDA), Treasure Island Community Development (TICD)
- Grant Award Agreement Signed, Effective February 2018

PROJECT	Total Cost	ATCMTD	TIDA	TICD
Toll System Design, Integration, & Installation	\$10M	\$5.0	\$5.0	
AV Shuttle Pilot	\$.6M	\$0.3		\$0.3

## Toll System Design, Integration, and Installation





## AV Shuttle Demonstration Pilot - Background





#### AV Shuttle Demonstration Pilot – Draft Goals

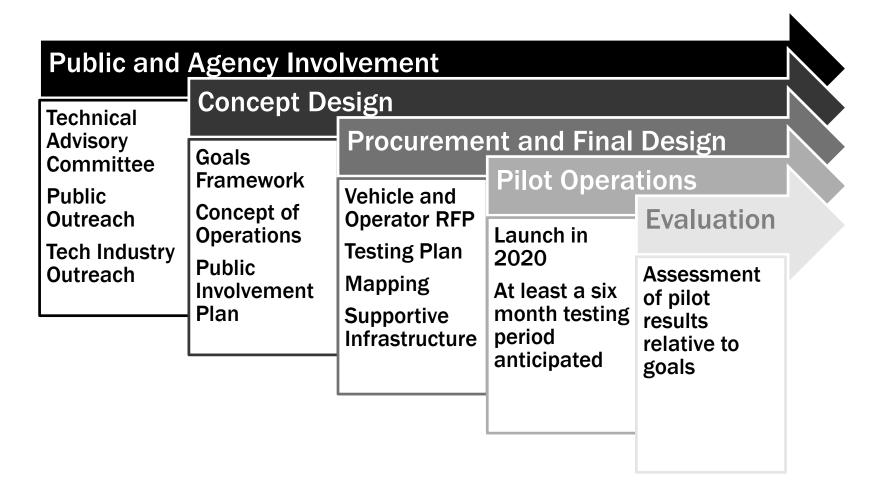


- Improve the performance of autonomous vehicle technologies
- Demonstrate an innovative service model
- Educate & involve the public and agencies
- Community economic development / ladders of opportunity
- Understand fleet management requirements



# AV Shuttle Demonstration Pilot – Deliverables & Schedule





#### Opportunity – Mobility Service Integration



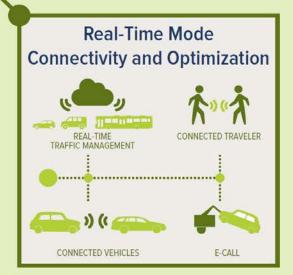












#### Opportunity – Mobility Service Integration



Integration of policy 4 Governance & PP-cooperation UbiGo Integration of the service offer 3 whim Bundling/subscription, contracts, etc. **HANNOVERmobil** Integration of booking & payment: 2 smi)e einfach mobil Single trip - find, book and pay moovit Integration of information: 1 Google Multimodal travel planner, price info TRANSPORT FOR LONDON No integration: Single, separate services sunfleet 🗾

#### ATCMTD Grant Projects – Next Steps



#### ► Toll System Design and Installation

Toll Gantry Civil Engineering Design
Request for Proposals (RFP) for Toll System Integration Services

#### AV Shuttle Demonstration Pilot

RFP for System Design Engineering Services
Stakeholder Outreach

#### **▶** Mobility Service Integration

Draft Goals and Objectives
Identify & Screen Business Options

## Thank You



TREASURE ISLAND MOBILITY MANAGEMENT AGENCY