



# DRAFT MINUTES

## TREASURE ISLAND MOBILITY MANAGEMENT AGENCY COMMITTEE

Tuesday, July 21, 2020

### 1. Roll Call

Vice Chair Walton called the meeting to order at 10:01 a.m.

**Present at Roll Call:** Commissioners Mandelman and Walton (2)

**Absent:** Commissioner Haney (1)

### 2. Approve the Minutes of the June 16, 2019 Meeting - ACTION\*

There was no public comment.

Commissioner Walton moved to approve the minutes, seconded by Commissioner Mandelman.

The item was approved without objection by the following vote:

Ayes: Commissioners Mandelman and Walton (2)

Absent: Commissioner Haney (1)

### 3. Autonomous Shuttle Pilot Study - INFORMATION \*

Eric Cordoba, Deputy Director for Capital Projects, presented the item.

Vice Chair Walton asked about how many jobs would be lost or replaced because of the autonomous shuttle service, and if there was a plan in place to provide jobs in other areas as the project moved forward. Mr. Cordoba answered that there would be a need for different technicians to track the shuttle's location and intervene in emergency situations. He added that in terms of the pilot, there would be a safety driver present within the shuttle. Mr. Cordoba commented that staff would learn more in talks with potential vendors, as they progress toward a truly driverless environment. Vice Chair Walton commented that he liked the shuttle drivers in place for the pilot, and asked staff to ensure the availability of other opportunities for the work force. Executive Director Tilly Chang added that the shuttle would supplement and complement the 25 Treasure Island bus line and in the longer term, Treasure Island Community Development would provide four local shuttles on the island for first mile/last mile distribution and access to the main bus line. She further commented that Muni staff were involved in how the integration would happen.

Commissioner Mandelman asked where the autonomous vehicles were currently being used and what were the most ambitious uses. Mr. Cordoba answered that there were different pilots throughout the United States that have received federal grants, using LiDAR technology to see objects in front of the vehicle. He said that Director Chang had ridden one in Las Vegas, within a protected lane on a loop route to pick up passengers; staff had witnessed the shuttles used on college campuses, particularly at Sacramento State University; Bishop Ranch business park in Contra Costa County temporarily deployed the shuttles; and there was testing often done at the Concord Naval Weapons Station.



Commissioner Mandelman asked what was going wrong with autonomous vehicles. Mr. Cordoba answered that with technology, the question becomes whether or not the computer can recognize and understand a perilous situation and proceed like a human would do.

Commissioner Mandelman commented that when a driver was missing from a vehicle, the passengers may not know how to handle the situation as when a driver were there to provide guidance. Director Chang noted that the California Public Utilities Commission provided permits for testing and deployment, particularly deployments that involved carrying members of the public. She said none currently were allowed to provide commercial services and most permits were of a research nature such as testing pilots. She discussed Arizona allowing more testing and vehicles all with drivers and ability to do hands-on engagement or disengagement. She further commented that even with these early testing pilots, there were issues and risks identified, and regulators were ensuring the regulations were thorough.

Director Chang also said the project would be looking at a very simple route to see how the shuttle performed on the islands, including testing on Yerba Buena Island segments to see how the shuttle performed on grades or in foggy conditions to provide a basis for research and evaluation, as well for members of the public to experience the service and provide feedback.

There was no public comment.

**4. Yerba Buena Island Bicycle/Pedestrian Path Feasibility Study - INFORMATION\***

Eric Cordoba, Deputy Director for Capital Projects, presented the item.

There was no public comment.

**5. Toll Policy Adoption Schedule - INFORMATION\***

Rachel Hiatt, Assistant Deputy Director for Planning, presented the item.

Director Chang noted that staff would be consulting with Chair Haney's office, along Vice Chair Walton's and Commissioner Mandelman's offices, about the details and options for the policies around the business/worker and new resident programs, as discussed in Ms. Hiatt's presentation; after which, staff would be engaging the public and TIDA Board.

There was no public comment.

**6. Introduction of New Items - INFORMATION**

There were no new items introduced.

**7. Public Comment**

During public comment, Victoria Eisen spoke on behalf of the Bay Area Toll Authority (BATA) about the Bay Skyway, a string of paths that cover San Francisco to West Oakland locations via Yerba Buena and Treasure Islands. She expressed BATA's support of the YBI Bicycle/Pedestrian Path Feasibility Study (Item 4 on the agenda) and working collaboratively with the Transportation Authority, Alameda County Transportation Commission, and other agencies to find funding to environmentally clear, fully design, and construct the entire bay skyway project, including the paths on Hillcrest and Treasure Island roads.

**8. Adjournment**

The meeting was adjourned at 10:43 a.m.