



MINUTES

Transit Committee Meeting

Committee Members Present

*Al Murray, Vice Chairman
Andrew Do
Steve Jones
Tom Tait
Greg Winterbottom*

Staff Present

*Ken Phipps, Acting Chief Executive Officer
Olga Prado, Assistant Clerk of the Board
Mary K. Burton, Deputy Clerk of the Board
Cassie Trapesonian, Acting General Counsel
OCTA Staff and members of the General Public*

Committee Members Absent

*Committee Chairman Shaw
Director Pulido*

Call to Order

The April 27, 2017 meeting of the Transit Committee was called to order by Committee Vice Chairman Murray at 9:03 a.m.

Pledge of Allegiance

Director Jones led in the Pledge of Allegiance

1. Public Comments

Special Calendar

There were no Special Calendar matters.

Consent Calendar (Items 2 through 4)

All items on the Consent Calendar are to be approved in one motion unless a Committee Member or a member of the public requests separate action or discussion on a specific item.

2. Approval of Minutes

A motion was made by Director Jones, seconded by Director Winterbottom, and declared passed by those present, to approve minutes of the April 13, 2017 meeting.

Director Tait was not present to vote on this item.



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3. Agreement for Bus Parking Wheel Stops and Fence Repair at the Anaheim Bus Base

A motion was made by Director Jones, seconded by Director Winterbottom, and declared passed by those present, to authorize the Chief Executive Officer to negotiate and execute Agreement No. C-7-1553 between the Orange County Transportation Authority and Creative Home, doing business as CHI Construction, the lowest responsive, responsible bidder, in the amount of \$67,425, for bus parking wheel stops and fence repair at the Anaheim Bus Base.

Director Tait was not present to vote on this item.

4. Agreement for Hydrogen Gas Detection Upgrades and Ventilation System Modification at the Santa Ana Bus Base

A motion was made by Director Jones, seconded by Director Winterbottom, and declared passed by those present, to authorize the Chief Executive Officer to negotiate and execute Agreement No. C-7-1529 between the Orange County Transportation Authority and Clean Energy, a California corporation, the lowest responsive, responsible bidder, in the amount of \$80,405, for hydrogen gas detection upgrades and a ventilation system modification at the Santa Ana Bus Base.

Director Tait was not present to vote on this item.

Regular Calendar

There were no Regular Calendar items scheduled.

Discussion Items

5. Hydrogen Fuel Cell Electric Bus Update

Sue Zuhlke, Director of Maintenance and Motorists Services, provided a PowerPoint presentation that included an update on two hydrogen fuel cell electric bus projects.

Ms. Zuhlke also provided a video presentation that showed the latest hydrogen fuel cell technology throughout the world. Ms. Zuhlke stated that the California Air Resources Board is working on the advance clean transit rule to ensure that all buses have zero emissions by 2040.



5. (Continued)

In the future, when more data is available, Director Tait would like staff to provide an analysis on the new fuel technologies and include the ranges, weights, and costs.

Director Do expressed his concern about endorsing any type of technology and how it relates to Sacramento as they consider different types of fuel and measuring of zero emissions.

Ms. Zuhlke responded that Orange County Transportation Authority's (OCTA) message in Sacramento is agnostic. OCTA's Manager of Maintenance, Cliff Thorne, is conducting a thorough cost-analysis from "cradle to grave" to see what the costs are to operate a consolidated natural gas bus, an electric bus, and a hydrogen fuel cell bus.

Committee Vice Chairman Murray asked if the video was available for viewing, and Ms. Zuhlke responded that it is; however, she indicated that it may be too early to share as most of the information that the Air Resources Board has put out has been based on hypothetical calculations. Ms. Zuhlke suggested that "real world experience" data would be the data to share.

6. Chief Executive Officer's Report

Mr. Phipps, Deputy Chief Executive Officer, reported on the following:

- The Angels Express service carried 323 passengers last night, bringing the total year-to-date boardings to almost 5,000. This is lower than last year's numbers; however, this may be due to fewer Friday night games.
- This Saturday, April 29th, there will be an equestrian ride at the Ferber Ranch Preserve to showcase OCTA's open space acquisition.
- To kick-off Bike Month in May, OCTA is hosting its annual Bike Festival on Sunday, April 30th. OCTA has teamed up with the City of Dana Point to include the festival as part of the Dana Point Grand Prix, which is one of the premier bike races in the United States.



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7. Committee Members' Reports

There were no Committee Members' reports.

8. Closed Session

There were no Closed Session items scheduled.

9. Adjournment

The meeting adjourned at 9:45 a.m.

The next regularly scheduled meeting of this Committee will be held at **9:00 a.m. on Thursday, May, 11, 2017**, at the Orange County Transportation Authority Headquarters, 550 South Main Street, Board Room - Conference Room 07, Orange, California.

ATTEST

Al Murray
Committee Vice Chairman

Mary Burton
Deputy Clerk of the Board