



**METROPOLITAN
TRANSPORTATION
COMMISSION**

Joseph P. Bort MetroCenter
101 Eighth Street
Oakland, CA 94607-4700
TEL 510.817.5700
TTY/TDD 510.817.5769
FAX 510.817.5848
EMAIL info@mtc.ca.gov
WEB www.mtc.ca.gov

Amy Rein Worth, Chair
Cities of Contra Costa County

Dave Cortese, Vice Chair
Santa Clara County

Alicia C. Aguirre
Cities of San Mateo County

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Deputy Executive Director, Operations

Agenda Item 2a

**OPERATIONS COMMITTEE MINUTES
FRIDAY, March 14, 2014**

ATTENDANCE

Vice Chair Kinsey called the MTC Operations Committee meeting to order at 10:41 a.m. Other Committee members in attendance were Commissioners Giacomini, Haggerty, Halsted, Liccardo and Spering. Commissioners present as ad hoc non-voting members of the Committee were Bates, Tissier, and Wiener. Commission Chair Rein Worth was present in her ex-officio voting member capacity.

CONSENT CALENDAR:

Upon motion of Commissioner Spering, which was seconded by Commissioner Halsted, the Committee unanimously approved the consent calendar, which included the following items:

- Minutes of February 14, 2014*
- Contract - Freeway Service Patrol Automatic Vehicle Locator System: Los Alamos Technical Associates, Inc. (LATA) (\$950,000)* (Robert Rich)
- Contract – 511 Traveler Information Program Systems Engineering Review Forms and Systems Engineering Management Plans: Kimley-Horn and Associates, Inc. (\$107,325)* (Kaki Cheung)

Contract Change Order – Implementation of Clipper® on Transit Operators in the East Bay and 101 Corridor and Integration of Next Generation Vehicle Devices: Cubic Transportation Systems, Inc. (\$8,300,000)

Lynn Valdivia, MTC Principal, requested Committee approval for a Change Order with Cubic Transportation Systems, Inc. (Cubic) in the amount of \$8.3 million to deploy Clipper to several East Bay and the US 101 Corridor Operators. Cubic expects to complete the implementation for the East Bay Operators by the end of December 2015, and for the US 101 Corridor operators by the end of February 2016. She noted that to incentivize schedule adherence, MTC plans to include incentive and liquidated damages provisions in the Change Order. Up to \$500,000 of the \$8,300,000 could be used for incentive payments in the event Cubic meets the most aggressive implementation schedule. Liquidated damages up to \$250,000 could be assessed if Cubic is late in delivering the system.

Committee discussion:

- Commissioner Haggerty asked for clarification on the work underway. Ms. Valdivia clarified upon which operators Cubic is already working to deliver Clipper and which operators are waiting for Clipper to be implemented.
- Commissioner Haggerty moved to approve the Change Order. Commissioner Halsted seconded. Motion passed unanimously.

MTC Section Director Carol Kuester presented information regarding the current contract with Cubic, which is slated to end in 2019. In preparation for a new procurement, staff established operator committees allowing staff to work closely with transit agency stakeholders. Staff is planning to issue a procurement by late 2015 or early 2016. She noted that work has been done to learn from national and international peer agencies who have recently procured for similar contracts. Generally staff have seen exciting developments and believe that next generation systems will offer significant improvement.

Committee discussion:

- Commissioner Spring inquired about the next generation systems ability to support various fare types. Ms. Valdivia provided insight surrounding fare policy in specific areas. Ms. Kuester added that staff's objective was for Phase 3 operator deployments to be implemented quickly and cost effectively and that operators were asked to group themselves to simplify the fare structures being implemented. As a result, one or two operators changed their fare structures. MTC Executive Director Steve Heminger added that when staff started with Clipper many years ago it was presented as being able to accommodate any number of fare combinations. As a result, it has turned out to be a very complicated system with more than 4,000 fare combinations. He stated that Clipper 2.0 will give staff the chance to revisit the number and type of fare structures.
- Commissioner Liccardo asked how long it will be until Clipper offers mobile payment. Ms. Kuester stated that mobile payments are nearer than 2019 and San Francisco Municipal Transportation Authority and Santa Clara Valley Transportation Authority are close to initiating mobile pilot initiatives. Staff is also considering recommending a mobile pilot payment system for Sonoma Marin Area Rail Train.
- Commissioner Kinsey noted that \$100 million has been spent on Clipper during the course of 15 years so there is a heavy investment in whether it is efficient or not. He also stated that pricing policies should be set to incentivize people to use Clipper if it's available to them.

Freeway Performance Initiative: Ramp Metering Update

Ashley Nguyen, MTC Principal and Dan McElhinney, Caltrans Chief Deputy District Director, returned at the request of the Committee from December 2013 to address questions regarding ramp metering. Mr. McElhinney provided a summary of the 391 ramp meters, of which 23 are currently not active, 16 are within construction zones, 4 are knock down repairs on the list for Caltrans maintenance and 3 need repairs due to wire theft. Currently ramp metering is active in Santa Clara, San Mateo, Alameda and Contra Costa Counties and by 2016 Marin County will be included. CHP, Caltrans and MTC staff have been working together since Fall 2012 with great improvement on inventory, but wire theft still remains a cause of at least a third of the primary outages. Mr. McElhinney stated by early 2017 there will be close to 680 total activated ramp meters.

Ms. Nguyen provided a look ahead and an update on meters. She stated that part of Solano Interstate 80 and Sonoma US 101 have meters that are installed, but not activated. Meters on Solano I-80 in the Fairfield area have been activated. I-80 West bound activation will be part of Phase 2. Activation for Sonoma US 101 Corridor is slated for June 2014. Six big corridors are scheduled to be activated in 2014 including the North Bay, East Bay and the Peninsula. Staff intends to deliver the FPI Capital Program within the next 5 years and will identify the next corridors to implement that do not have metering due to congestion or performance metrics.

Committee discussion:

- Commissioner Spering inquired about measuring the metering results to update the public. Ms. Nguyen confirmed that before-metering-activation and after-metering-activation measurements can be done and reported to the congestion management agencies (CMAs) and the public.
- Commissioner Spering requested that MTC prepare a press release for CMAs and local jurisdictions.
- Commissioner Haggerty expressed concern with single occupancy vehicles violating carpool lanes at the Hacienda ramp metering and CHP officers being paid overtime to enforce. He suggested legislation requiring the hiring of additional CHP officers so that oversight of HOV by-pass lanes on on-ramps and HOV lane abuse can be paid as regular time. MTC Deputy Executive Director Andrew Fremier agreed with Commissioner Haggerty and stated staff has been working with the Freeway Management Executive Committee consisting of Caltrans, CHP and MTC and also the California Toll Operators Committee to bring concerns to CHP's attention. Mr. Fremier stated that staff will be using switchable tags allowing violation control through video, but until new technology is developed, this will continue to be a problem statewide. MTC Section Director Melanie Crotty added staff has agendaized carpool lane enforcement for next month's BAIFA meeting and has invited CHP to participate, and could include this on the Operations Committee agenda for a future meeting as well.
- Commissioner Halsted noted her appreciation for cooperation between Caltrans and staff working on ramp metering and stated that she look forward to bringing CHP into the conversation.

Public Comment/Other Business/Next Meeting/Adjournment:

There being no further business, and no public comment, Vice Chair Kinsey adjourned the meeting at 11:26 a.m. The next meeting of the Operations Committee is scheduled for Friday, April 11, 2014 at 9:35 a.m. in the Lawrence D. Dahms Auditorium, Joseph P. Bort MetroCenter, Oakland, CA.