



Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105

Meeting Agenda

Clipper Executive Board

Members:

Denis Mulligan, Chair Edward D. Reiskin, Vice Chair

**Nuria Fernandez, Jim Hartnett, Michael Hursh,
Therese W. McMillan, Robert Powers, Rick Ramacier, and
Nina Rannells**

Monday, July 15, 2019	1:30 PM	San Francisco Bay Area Rapid Transit District 344 20th Street, 3rd Floor Oakland, CA 94612 BART Board Room
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This meeting will be recorded. Copies of recordings may be requested at the Metropolitan Transportation Commissioner (MTC) at nominal charge, or recordings may be listened to at MTC offices by appointment.

To access meeting location, please access through the Webster Street entrance between CVS Pharmacy and 24-Hour Fitness. Take the elevator to the 3rd floor and exit the elevator to your right where the agenda will be posted. Please enter the room through the double doors. For meeting location questions, please contact Angelica Dill-James at 510-464-6093.

1. Roll Call / Confirm Quorum

Quorum: A quorum of this committee shall be a majority of its regular voting members (5).

2. Consent Calendar

2a. [19-0775](#) Minutes of the June 17, 2019 Meeting

Action: Board Approval

Attachments: [2a CEB Minutes June 17 2019.pdf](#)

2b. [19-0790](#) Clipper® Purchase Order - Network Services: AT&T (\$400,000)

Action: Board Approval

Presenter: Edward Meng

Attachments: [2b Purchase Order ATT Network.pdf](#)

3. Approval

- 3a. [19-0820](#) Change Order Amendments - Ticket Vending Machines (TVM) and Faregate Maintenance - Prevailing Wages: Cubic Transportation Systems, Inc. (\$1,425,000)

Change Order Amendments - Adding Funds to Pay Prevailing Wages for TVM and Faregate Maintenance per California Labor Code and Federal Davis-Bacon Act: Cubic Transportation Systems, Inc. (Cubic) (\$1,425,000).

Action: Board Approval

Presenter: Lynn Valdivia

Attachments: [3a Change Order Cubic PW.pdf](#)

- 3b. [19-0791](#) Clipper® Contract Change Order Amendment - Clipper Card Procurement: Cubic Transportation Systems, Inc. (\$4,000,000)

Request for approval of a Change Order Amendment for procurement of Clipper cards: Cubic Transportation Systems, Inc. (Cubic) (\$4,000,000).

Action: Board Approval

Presenter: Edward Meng

Attachments: [3b Change Order Card Procurement.pdf](#)

- 3c. [19-0808](#) Clipper® Executive Board Election of Vice Chair

Nomination and Election of the Vice Chair of the Clipper Executive Board.

Action: Board Approval

Presenter: Edward Meng

Attachments: [3c Clipper Vice Chair.pdf](#)

4. Information

- 4a. [19-0793](#) Current Clipper® System Update

Update Board members on the current Clipper program. Clipper staff last updated this Board on the ongoing work and projects related to the current Clipper system at the June 2019 meeting.

Action: Information

Presenter: Jason Weinstein

Attachments: [4a_C1 Program Update.pdf](#)

4b. [19-0794](#) Next Generation Clipper® System Update

Update Board members on key developments related to the implementation of the Next Generation Clipper System Integrator project, provide an overall program update, and highlight key technical updates.

Action: Information

Presenter: Jason Weinstein

Attachments: [4b_C2 Program Update.pdf](#)

5. Executive Director's Report – Kuester**6. Public Comment / Other Business**

[19-0844](#)

Attachments: [06 Handout Policy Advisory Council Recommendations July 2019 Transit Fa](#)

7. Adjournment / Next Meeting

The next meeting of the Clipper® Executive Board will be Monday, August 19, 2019 at 1:30 p.m. in the BART Board Room, 3rd Floor, 344 20th Street, Oakland, CA.

Public Comment: The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

Meeting Conduct: If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Committee may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

Record of Meeting: Committee meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site (mtc.ca.gov) for public review for at least one year.

Accessibility and Title VI: MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

可及性和法令第六章: MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者，請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知，以滿足您的要求。

Acceso y el Titulo VI: La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

Attachments are sent to Committee members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0775 **Version:** 1 **Name:**
Type: Minutes **Status:** Consent
File created: 6/12/2019 **In control:** Clipper Executive Board
On agenda: 7/15/2019 **Final action:**
Title: Minutes of the June 17, 2019 Meeting
Sponsors:
Indexes:
Code sections:
Attachments: [2a_CEB Minutes_June 17 2019.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Minutes of the June 17, 2019 Meeting

Recommended Action:
Board Approval

Attachments:



Agenda Item 2a

Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105

Meeting Minutes - Draft

Clipper Executive Board

Members:

Denis Mulligan, Chair Edward D. Reiskin, Vice Chair

*Grace Crunican, Nuria Fernandez, Jim Hartnett,
Michael Hursh, Therese W. McMillan, Rick Ramacier, and
Nina Rannells*

Monday, June 17, 2019

1:30 PM

Caltrain / SamTrans
1250 San Carlos Ave, 2nd Floor
San Carlos CA, 94070
Caltrain / SamTrans Auditorium

1. Roll Call / Confirm Quorum

Present: 8 - Chair Mulligan, Vice Chair Reiskin, Board Member Crunican, Board Member Fernandez, Board Member Hartnett, Board Member Hursh, Board Member Ramacier, and Board Member Rannells

Absent: 1 - Board Member McMillan

Alix A. Bockelman acted as a delegate and voting member of the Board in place of Therese W. McMillan. Actions noted below as "McMillan" were taken by Bockelman.

2. Consent Calendar

Upon the motion by Board Member Crunican and second by Board Member Hursh, the Consent Calendar was unanimously approved. The motion carried by the following vote:

Aye: 9 - Chair Mulligan, Vice Chair Reiskin, Board Member Crunican, Board Member Fernandez, Board Member Hartnett, Board Member Hursh, Board Member Ramacier, Board Member Rannells and Board Member McMillan

2a. [19-0621](#) Minutes of the May 20, 2019 Meeting

Action: Board Approval

Attachments: [2a CEB Minutes May 20 2019.pdf](#)

3. Approval

- 3a. [19-0657](#) Change Order - Clipper® Contract Price Schedule for FY 2016-2017:
Cubic Transportation Systems, Inc. (\$240,000)

Request for approval of a Change Order for Clipper Contract Price Schedule for FY 2016-2017: Cubic Transportation Systems, Inc. (Cubic) (\$240,000).

Action: Board Approval

Presenter: Edward Meng

Attachments: [3a Change Order Cubic FY 2017_rev.pdf](#)

Upon the motion by Board Member Crunican and second by Board Member Ramacier, Change Order - Clipper® Contract Price Schedule for FY 2016-2017: Cubic Transportation Systems, Inc. (\$240,000) was unanimously approved. The motion carried by the following vote:

Aye: 9 - Chair Mulligan, Vice Chair Reiskin, Board Member Crunican, Board Member Fernandez, Board Member Hartnett, Board Member Hursh, Board Member Ramacier, Board Member Rannells and Board Member McMillan

- 3b. [19-0622](#) Regional Fare Coordination and Integration

Update on Fare Integration Efforts and Request to Support Allocation of \$599,839 in Regional Measure 2 (Project #34) Funds by MTC to develop an Integrated Fare Structure Program Business Case.

Action: Board Approval

Presenter: William Bacon

Attachments: [3b Regional Fare Coordination and Integration.pdf](#)
[3b Handout Comment Letters.pdf](#)

Arielle Fleisher of the San Francisco Bay Area Planning and Urban Research Association spoke on this item.

Adina Levin of Friends of Caltrain spoke on this item.

Ian Griffiths of Seamless Bay Area spoke on this item.

Upon the motion by Chair Mulligan and second by Board Member Fernandez, the Clipper Executive Board voted unanimously to defer the Regional Fare Coordination and Integration item to a future meeting, no later than October 2019, when staff will return with a scope of work that incorporates transit operator input. The motion carried by the following vote:

Aye: 9 - Chair Mulligan, Vice Chair Reiskin, Board Member Crunican, Board Member Fernandez, Board Member Hartnett, Board Member Hursh, Board Member Ramacier, Board Member Rannells and Board Member McMillan

- 3c.** [19-0701](#) Change Order - Clipper® Contract Walgreens Commission Increase: Cubic Transportation Systems, Inc. (\$760,000 annually)

Request for approval to increase commission paid to Walgreens from 2% to 3%.

Action: Board Approval

Presenter: Kelley Jackson

Attachments: [3c Change Order Cubic Walgreens.pdf](#)

Aleta Dupree spoke on this item.

Upon the motion by Board Member Rannells and second by Board Member Hursh, Change Order - Clipper® Contract Walgreens Commission Increase: Cubic Transportation Systems, Inc. (\$760,000 annually) was unanimously approved. The motion carried by the following vote:

Aye: 9 - Chair Mulligan, Vice Chair Reiskin, Board Member Crunican, Board Member Fernandez, Board Member Hartnett, Board Member Hursh, Board Member Ramacier, Board Member Rannells and Board Member McMillan

- 3d.** [19-0704](#) Proposal to Modify the Next Generation Clipper System Integrator Scope of Work Related to Faster Load Times (Accelerated C2 System Deployment)

Request approval from Board members to direct Cubic, as the Next Generation Clipper System Integrator, to modify the scope of work related to enabling faster load times at select devices.

Action: Board Approval

Presenter: Edward Meng

Attachments: [3d Proposed Change to C2 SI SOW rev.pdf](#)

Aleta Dupree spoke on this item.

Upon the motion by Vice Chair Reiskin and second by Board Member Crunican, the Proposal to Modify the Next Generation Clipper System Integrator Scope of Work Related to Faster Load Times (Accelerated C2 System Deployment) was unanimously approved. The motion carried by the following vote:

Aye: 9 - Chair Mulligan, Vice Chair Reiskin, Board Member Crunican, Board Member Fernandez, Board Member Hartnett, Board Member Hursh, Board Member Ramacier, Board Member Rannells and Board Member McMillan

4. Information

4a. [19-0624](#) Current Clipper® System Update

Update Board members on the current Clipper program. Clipper staff last updated this Board on the ongoing work and projects related to the current Clipper system at the May 2019 meeting.

Action: Information

Presenter: Jason Weinstein

Attachments: [4a_C1 Program Update.pdf](#)

4b. [19-0625](#) Next Generation Clipper® System Update

Update Board members on key developments related to the implementation of the Next Generation Clipper System Integrator project, provide an overall program update, and to highlight key technical updates.

Action: Information

Presenter: Edward Meng

Attachments: [4b_C2 Program Update.pdf](#)

4c. [19-0699](#) Next Generation Clipper® Customer Service Center (CSC) Procurement Update

Update Board members on key developments in the Next Generation Clipper CSC procurement. The CSC procurement is one of four procurements currently planned for the Next Generation system, which also includes procurements for the System Integrator (completed), Fare Media, and a Payment Gateway.

Action: Information

Presenter: Kelley Jackson

Attachments: [4c_Next-Gen Clipper CSC.pdf](#)

5. Executive Director's Report – Weinstein on behalf of Kuester

6. Public Comment / Other Business

Adina Levin of Friends of Caltrain was called to speak.

Aleta Dupree was called to speak.

7. Adjournment / Next Meeting

The next meeting of the Clipper® Executive Board will be Monday, July 15, 2019 at 1:30 p.m. in the BART Board Room, 3rd Floor, 344 20th Street, Oakland, CA.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0790 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 6/14/2019 **In control:** Clipper Executive Board

On agenda: 7/15/2019 **Final action:**

Title: Clipper® Purchase Order - Network Services: AT&T (\$400,000)

Sponsors:

Indexes:

Code sections:

Attachments: [2b_Purchase Order_ATT Network.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Clipper® Purchase Order - Network Services: AT&T (\$400,000)

Presenter:
Edward Meng

Recommended Action:
Board Approval

Attachments:

Clipper® Executive Board

July 15, 2019

Agenda Item 2b

Clipper® Purchase Order – Network Services: AT&T (\$400,000)

- Subject:** Request for approval of a Purchase Order for Clipper Network Services for FY 2019/20: AT&T (\$400,000).
- Background:** AT&T provides network services for the Clipper system that enable connections between card readers, other Clipper devices, data servers, and the Clipper Central System. Per the Clipper Memorandum of Understanding, Clipper transit operators provide approximately 95% of this cost. This Purchase Order would cover network operations during FY 2019 - 20.
- Issues:** There are no issues with this amendment.
- Recommendation:** Staff recommends that the Clipper Executive Board approve a Purchase Order with AT&T in an amount not to exceed \$400,000 for the services described above.



Carol Kuester

REQUEST FOR BOARD APPROVAL

Summary of Proposed Purchase Order

Consultant:	AT&T
Work Project Title:	Clipper® Network Services
Purpose of Project:	To provide network services for the Clipper system during FY 2019-2020
Brief Scope of Work:	Provision of network services and operations to allow telecommunications connections between Clipper devices, data servers and the central system.
Project Cost Not to Exceed:	\$400,000
Funding Source:	Participating Operator funds, STP, CMAQ, STA, STP Exchange, and Regional Measure 2 Operating funds
Fiscal Impact:	Funding will be provided by the participating transit operators. Additional funding is included in the MTC Fiscal Year 2019-20 budget.
Motion by Board:	That the Purchase Order with AT&T as described herein and in the Clipper Executive Director's July 15, 2019 memorandum, is hereby approved by the Clipper Executive Board.
Clipper Executive Board:	
	<hr/>
	Denis Mulligan, Chair
Approved:	July 15, 2019



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0820 **Version:** 1 **Name:**
Type: Contract **Status:** Committee Approval
File created: 6/27/2019 **In control:** Clipper Executive Board
On agenda: 7/15/2019 **Final action:**

Title: Change Order Amendments - Ticket Vending Machines (TVM) and Faregate Maintenance - Prevailing Wages: Cubic Transportation Systems, Inc. (\$1,425,000)

Change Order Amendments - Adding Funds to Pay Prevailing Wages for TVM and Faregate Maintenance per California Labor Code and Federal Davis-Bacon Act: Cubic Transportation Systems, Inc. (Cubic) (\$1,425,000).

Sponsors:

Indexes:

Code sections:

Attachments: [3a Change Order Cubic PW.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Change Order Amendments - Ticket Vending Machines (TVM) and Faregate Maintenance -
Prevailing Wages: Cubic Transportation Systems, Inc. (\$1,425,000)

Change Order Amendments - Adding Funds to Pay Prevailing Wages for TVM and Faregate
Maintenance per California Labor Code and Federal Davis-Bacon Act: Cubic
Transportation Systems, Inc. (Cubic) (\$1,425,000).

Presenter:

Lynn Valdivia

Recommended Action:

Board Approval

Attachments:

Clipper[®] Executive Board

July 15, 2019

Agenda Item 3a

Change Order Amendments - Ticket Vending Machines (TVM) and Faregate Maintenance - Prevailing Wages: Cubic Transportation Systems, Inc. (\$1,425,000)

Subject: Change Order Amendments – Adding Funds to Pay Prevailing Wages for TVM and Faregate Maintenance per California Labor Code and Federal Davis-Bacon Act: Cubic Transportation Systems, Inc. (Cubic) (\$1,425,000).

Background: The Metropolitan Transportation Commission (MTC) has determined that certain work performed by Cubic employees constitutes “public works” activities subject to prevailing wage requirements pursuant to California Labor Code §1720 et seq. (the California Prevailing Wage Law or PWL) and the federal Davis-Bacon Act (DBA). Specifically, installation, repair and maintenance of TVMs, Add Value Machines (AVMs), stationary validators and faregates affixed to a publicly owned facility (buildings, structure, sidewalk or pathway or other realty) are considered to be public works activities, subject to PWL and DBA. Consistent with applicable law, MTC agreed under a Change Order executed in November 2017 to compensate Cubic for any increased labor costs associated with compliance with PWL and DBA.

While MTC holds the Clipper Contract and is responsible for the direct payment of Cubic’s invoices, the Clipper Amended and Restated Memorandum of Understanding (MOU) Appendix B-3, “Clipper Cost and Revenue Allocation”, Section 1.c specifies that operating costs resulting from Operator-requested Change Orders are the responsibility of the requesting Operator. Thus, San Francisco Municipal Transportation Agency (SFMTA) and Golden Gate Bridge Highway and Transportation District (GGBHTD) are financially responsible for the operating costs for the faregates and TVMs added to the Clipper Contract by Change Order at their request. Change Order 138 (TVM and Faregate Maintenance) includes first line maintenance activities subject to PWL and DBA. (Change Order 195, the SFMTA Central Subway Implementation, also includes public works activities subject to PWL and DBA, the cost of which will be addressed in an amendment to that Change Order.)

This item requests approval to compensate Cubic via Change Order amendments for increased labor costs associated with operations and maintenance of faregates and TVMs located at SFMTA facilities and TVMs located at GGBHTD facilities. Specifically, approval is requested for: (1) increased pricing for ongoing operations of the TVMs and faregates, and (2) one-time compensation for increased labor costs incurred by Cubic between November 2017 and the date of execution of the proposed Change Order amendment.

Pricing for Ongoing Operations of TVMs and Faregates

MTC negotiated new pricing to support the ongoing operation and maintenance of the TVMs and faregates. These new prices reflect the higher labor rates associated with PWL and DBA, and result in an annual incremental increase of \$505,000.

Compensation for Prevailing Wage-Related Labor Costs from November 2017 to Present

Since November 2017 and pending execution of the new operations and maintenance pricing above, Cubic has compensated its staff at rates in compliance with PWL and DBA, while being paid at the operations and maintenance prices that do not reflect PWL and DBA. The incremental costs associated with PWL and DBA compliance average approximately \$40,000 per month, which would result in a total one-time amount owed to Cubic of \$920,000 (assuming the associated Change Order amendment is executed by September 30, 2019).

Cubic is neither a disadvantaged business enterprise nor a small business enterprise.

Issues: There are no additional issues with these Change Order Amendments.

Recommendation: Staff recommends that the Clipper Executive Board approve Contract Change Order Amendments with Cubic in an amount not to exceed \$505,000 per year for the increased operations and maintenance fees for SFMTA and GGBHTD TVMs and faregates and a single lump sum amount not to exceed \$920,000 for the increased labor costs since November 2017 associated with compliance with PWL and DBA as described above.



Carol Kuester

REQUEST FOR BOARD APPROVAL

Summary of Proposed Contract Change Order Amendments

Consultant:	Cubic Transportation Systems, Inc. Oakland, CA
Work Project Title:	Ticket Vending Machines (TVM) and Faregate Maintenance - Prevailing Wages
Purpose of Project:	Modify operations and maintenance costs for certain Clipper equipment to cover prevailing wages paid for “public works” activities.
Brief Scope of Work:	Update costs for operations and maintenance of ticket vending machines and faregates and compensate Cubic for increased labor costs associated with compliance with the California Prevailing Wage Law and the Federal Davis-Bacon Act.
Project Cost Not to Exceed:	\$505,000/year (transit operator pass-through cost) \$920,000 (one-time transit operator pass-through cost)
Funding Source:	Transit Operator funds
Fiscal Impact:	Funds included in the FY 2019-20 agency budget. Transit Operators San Francisco Municipal Transportation Agency and Golden Gate Bridge, Highway and Transportation District will cover the costs per the Clipper Amended and Restated Memorandum of Understanding.
Motion by Board:	That the Contract Change Order Amendments with Cubic Transportation Systems, Inc. as described herein and in the Clipper Executive Director’s July 15, 2019 memorandum, are hereby approved by the Clipper Executive Board.
Clipper Executive Board:	<hr/>
	Denis Mulligan, Chair
Approved:	July 15, 2019



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0791 **Version:** 1 **Name:**
Type: Contract **Status:** Committee Approval
File created: 6/14/2019 **In control:** Clipper Executive Board
On agenda: 7/15/2019 **Final action:**
Title: Clipper® Contract Change Order Amendment - Clipper Card Procurement: Cubic Transportation Systems, Inc. (\$4,000,000)

Request for approval of a Change Order Amendment for procurement of Clipper cards: Cubic Transportation Systems, Inc. (Cubic) (\$4,000,000).

Sponsors:

Indexes:

Code sections:

Attachments: [3b Change Order Card Procurement.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Clipper® Contract Change Order Amendment - Clipper Card Procurement: Cubic Transportation Systems, Inc. (\$4,000,000)

Request for approval of a Change Order Amendment for procurement of Clipper cards: Cubic Transportation Systems, Inc. (Cubic) (\$4,000,000).

Presenter:

Edward Meng

Recommended Action:

Board Approval

Attachments:

Clipper® Executive Board

July 15, 2019

Agenda Item 3b

Clipper® Contract Change Order Amendment – Clipper Card Procurement: Cubic Transportation Systems, Inc. (\$4,000,000)

Subject: Request for approval of a Change Order Amendment for procurement of Clipper cards: Cubic Transportation Systems, Inc. (Cubic) (\$4,000,000).

Background: Since its inception, the Clipper program has issued over eight million cards. Demand in 2019 has remained steady with the program issuing approximately 115,000 new adult cards each month, up from approximately 65,000 a month prior to BART ticket machines selling Clipper cards. Demand for cards is predicted to continue to rise as BART discontinues sales of magnetic tickets at select stations.

The Clipper program partially offsets the cost of cards by charging most adults a \$3 card acquisition fee. In the early years of the program, there was no charge for Clipper cards, but transit operators encountered a loss of revenue due to some customers taking one ride and then disposing of the card with a negative balance. After the card fee was instituted, this loss was measurably reduced.

MTC does not recoup the full cost of producing a card with the \$3 card acquisition fee. The actual cost of each card is approximately \$1.50, while the program cost of issuing each card is approximately \$1.85, bringing the total cost of issuing a new card to approximately \$3.35. Funds from the \$3 card fee will be used to partially fund this Change Order Amendment. The funds in this Change Order Amendment were contemplated in the Two Year Budget and Work Plan approved by the Board in March 2019, taking into account that the volume of cards sold from BART ticket machines has been much higher than initially expected. The funds for this proposed Change Order Amendment are currently available in the Clipper card fee account.

The schedule for the card procurement is defined in the Contract Change Order as 18 to 22 weeks after execution of a Task Order.

Issues: There are no issues with this proposed amendment.

Recommendation: Staff recommends that the Clipper Executive Board approve a Contract Change Order Amendment with Cubic in an amount not to exceed \$4,000,000 to produce Clipper cards for distribution to customers.



Carol Kuester

REQUEST FOR BOARD APPROVAL

Summary of Proposed Contract Change Order Amendment

Consultant:	Cubic Transportation Systems, Inc. Oakland, CA
Work Project Title:	Clipper Card Procurement (Change Order Amendment, CO-145)
Purpose of Project:	To procure Clipper cards
Brief Scope of Work:	Under this Change Order Amendment, Cubic will purchase Clipper cards as directed by MTC. This Amendment adds funds to an already existing Change Order.
Project Cost Not to Exceed:	\$4,000,000 (this Change Order Amendment) Total contract value including amendments before this amendment = \$169,498,041 Total contract amount with this amendment = \$173,498,041
Funding Source:	Clipper cardholder administrative fees, STP, CMAQ, STA, STP Exchange, Regional Measure 2 Capital and Regional Measure 2 Operating, Regional Measure 3, SB1 State of Good Repair
Fiscal Impact:	Funds available in the Clipper card fee account and in the FY 2019-20 MTC agency budget.
Motion by Board:	That the Contract Change Order Amendment with Cubic Transportation Systems, Inc. as described herein and in the Clipper Executive Director's July 15, 2019 memorandum, is hereby approved by the Clipper Executive Board.
Clipper Executive Board:	<hr/>
	Denis Mulligan, Chair
Approved:	July 15, 2019



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0808 **Version:** 1 **Name:**
Type: Report **Status:** Committee Approval
File created: 6/21/2019 **In control:** Clipper Executive Board
On agenda: 7/15/2019 **Final action:**
Title: Clipper® Executive Board Election of Vice Chair

Nomination and Election of the Vice Chair of the Clipper Executive Board.

Sponsors:

Indexes:

Code sections:

Attachments: [3c Clipper Vice Chair.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Clipper® Executive Board Election of Vice Chair

Nomination and Election of the Vice Chair of the Clipper Executive Board.

Presenter:

Edward Meng

Recommended Action:

Board Approval

Attachments:

Clipper® Executive Board

July 15, 2019

Agenda Item 3c

Clipper® Executive Board Election of Vice Chair

- Subject:** Nomination and Election of the Vice Chair of the Clipper Executive Board.
- Background:** The Board Procedures Manual for the Clipper Executive Board defines the terms for the Chair and Vice Chair of the Clipper Executive Board and provides a process for their regular nomination and selection. Board members may serve multiple terms as Chair and Vice Chair, but are limited to two consecutive terms as Chair or Vice Chair. The current Chair (or Vice Chair in the absence of the Chair) may seek nominations (including self-nominations) for Vice Chair, and votes for the Board officers shall be held in accordance with the Amended and Restated Clipper Memorandum of Understanding. The term of the current Vice Chair, Edward D. Reiskin of the San Francisco Municipal Transportation Agency, will end at the Board's meeting on July 15, 2019.
- The second two-year term for the Chair will end in February 2020.
- Recommendation:** Staff recommends that the Clipper Executive Board nominate and elect at its July 15, 2019 meeting, a Vice Chair of the Clipper Executive Board, whose term shall begin at the next Clipper Executive Board meeting, currently scheduled for August 19, 2019.



Carol Kuester



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0793 **Version:** 1 **Name:**
Type: Report **Status:** Informational
File created: 6/14/2019 **In control:** Clipper Executive Board
On agenda: 7/15/2019 **Final action:**
Title: Current Clipper® System Update

Update Board members on the current Clipper program. Clipper staff last updated this Board on the ongoing work and projects related to the current Clipper system at the June 2019 meeting.

Sponsors:

Indexes:

Code sections:

Attachments: [4a_C1 Program Update.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Current Clipper® System Update

Update Board members on the current Clipper program. Clipper staff last updated this Board on the ongoing work and projects related to the current Clipper system at the June 2019 meeting.

Presenter:

Jason Weinstein

Recommended Action:

Information

Attachments:


Clipper[®] Executive Board

July 15, 2019

Agenda Item 4a

Current Clipper[®] System Update

- Subject:** Update Board members on the current Clipper program. Clipper staff last updated this Board on the ongoing work and projects related to the current Clipper system at the June 2019 meeting.
- Background:**
- Transactions and Sales**
Clipper processed 22.7 million transactions and settled \$55.3 million in revenue in June. This level of activity is consistent with average seasonal volumes.
- Clipper Customer Education**
The third phase of the “Clipper Works for You” campaign targeting AC Transit and Muni riders launched in July with transit advertising, digital advertising, Spanish and Chinese print ads, and outreach events.
- MTC will be supporting BART’s Clipper-only station pilot. From July through September, BART will roll out four stations that will vend only Clipper cards; these stations will, however still accept magnetic stripe tickets). MTC will support the pilot with 12 outreach events.
- Implementation and Enhancement Projects**
AC Transit has communicated an expectation that the revenue service date for Bus Rapid Transit (BRT) will be moved earlier than June 2020. MTC issued notice to proceed to Cubic in early July for BRT implementation in an effort to accommodate any changes to the project schedule.
- MTC continues to coordinate with SFMTA on Clipper equipment installation based on site availability, currently anticipated to take place no earlier than September.
- Other Clipper News**
July 1 fare changes were successfully deployed at BART, SFMTA, AC Transit, San Francisco Bay Ferry and Golden Gate Transit.
- Attachments:** **Attachment A:** Clipper Master Schedule



Carol Kuester

[illegible]



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #:	19-0794	Version:	1	Name:	
Type:	Report	Status:		Informational	
File created:	6/14/2019	In control:		Clipper Executive Board	
On agenda:	7/15/2019	Final action:			
Title:	Next Generation Clipper® System Update				

Update Board members on key developments related to the implementation of the Next Generation Clipper System Integrator project, provide an overall program update, and highlight key technical updates.

Sponsors:

Indexes:

Code sections:

Attachments: [4b_C2 Program Update.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Next Generation Clipper® System Update

Update Board members on key developments related to the implementation of the Next Generation Clipper System Integrator project, provide an overall program update, and highlight key technical updates.

Presenter:

Jason Weinstein

Recommended Action:

Information

Attachments:

Clipper® Executive Board

July 15, 2019

Agenda Item 4b

Next Generation Clipper® System Update

Subject: Update Board members on key developments related to the implementation of the Next Generation Clipper System Integrator project, provide an overall program update, and highlight key technical updates.

Background: **Executive Summary**

Included as Attachment A to this memorandum is a summary of recently completed activities related to delivering the Next Generation Clipper program; upcoming activities and deliverables for MTC, Cubic, and the transit operators; and noteworthy items that the project team is managing. This will be updated and presented to this Board monthly.

Next Generation Clipper Technical Update

Included as Attachment B to this memo is a summary of key technical items that Cubic has provided to the Board to show updates and technical activities related to the development of the Next Generation system. Overall, activities and submittals are on schedule with full deployment of the Next Generation system expected in 2023 as originally stated at the time the system integrator contract was awarded. Over the course of the next month, MTC and IBI will provide clarification to transit operator staff on subject matter and technical expertise required to review the documents contained in the next contract submittal package expected to be submitted in August.

Attachments: **Attachment A:** Next Generation Clipper Program Executive Summary Status Report

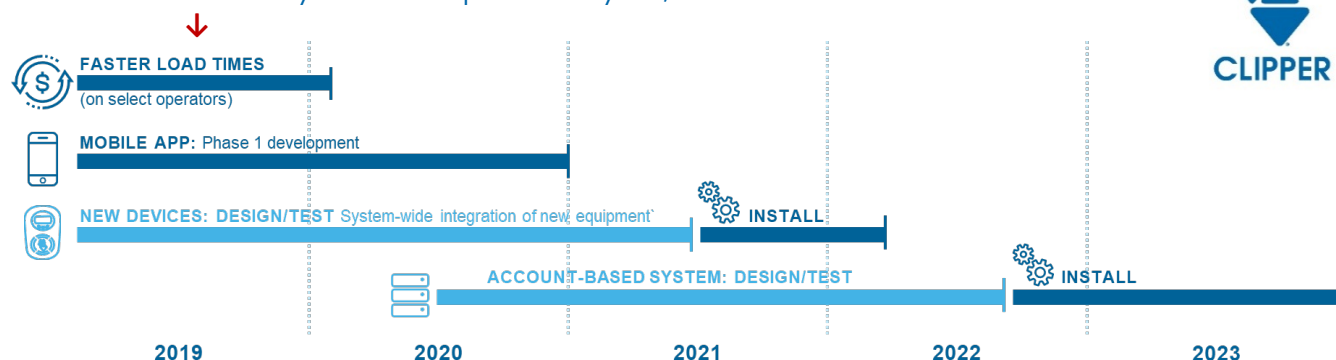
Attachment B: Next Generation Clipper Technical Update



Carol Kuester



Next-Generation Clipper Program Executive Summary Status Report – July 15, 2019



Summary

- Faster Load Times test plan review completed. Mobile App test plans under review.
- Mobile App user interface/user experience (UI/UX) design process continues.
- Technical discussions continue with operators.
- Review Cycle 1 submittal expected in early August.

Recently Completed Activities

	MTC/IBI	Cubic	Operators	Date
• Technical meetings with operators:				
o AC Transit	•	•	•	Jun 19
o SFMTA	•	•	•	Jun 21
• Accelerated Deployment Test Plans:				
o Mobile App test plans submittal by Cubic		•		Jun 18
o Faster Loads test plan review with Cubic		•		June 20
o Faster Loads test plan resubmittal by Cubic		•		Jun 28
o Faster Loads test plan approval		•		TBD
• Mobile App UI/UX design workshops	•	•	•	Jun 17, 24, 28; Jul 8

Upcoming Activities/Deliverables

	MTC/IBI	Cubic	Operators	Date
• Mobile App UI/UX design workshops	•	•	•	Jul 15, 22, 29; Aug 5, 13
• Technical meetings with operators:				
o BART	•	•	•	Jul 17
o SFMTA	•	•	•	Jul 19, Aug 16
• Accelerated Deployment Test Plans:				
o Mobile App test plans initial comments due	•		•	Jul 16
o Mobile App test plans resubmittal by Cubic	•		•	Jul 31
o Review Cycle 1 submittal by Cubic		•		Aug 8
o Mobile App test plans final comments due	•		•	Aug 15
• Clipper Executive Board Meeting	•	•	•	Aug 19



CUBIC™ | Transportation Systems

Next Generation Clipper Technical Update

July 15, 2019

Agenda Item 4b
Attachment B

Mobile App Test Plans

CS-TEST-005 SIT Test Plan

CS-TEST-006 Pilot Test Plan

- 1st Submission: 6/18/19
 - *Review Meetings: tbd*
 - *Review Period: 6/11 – 7/16*
 - *Response Review: tbd*
-
- 2nd Submission: 7/31/19
 - *Review Meetings: tbd*
 - *Review Period: 7/31 – 8/15*
-
- Approval: 8/15/19

Frequent Actionlist Test Plan

CS-TEST-005 SIT Test Plan (Accel. Deployments A)

- 1st Submission: 5/28/19
 - *Review Meetings: 6/20*
 - *Review Period: 5/28 – 6/24*
 - *Response Review: tbd*
-
- 2nd Submission: 6/28/19
 - *Review Meetings: tbd*
 - *Review Period: 6/28 – 7/12*
-
- Approval: 7/12/19

Accelerated Deployment

1st Review Cycle 1

- 1st Submission: 8/8/19
 - *Review Meetings: 8/15 – 8/21*
 - *Review Period: 8/8 – 9/5*
 - *Response Review: TBD*
- 2nd Submission: 9/20/19
 - *Review Meetings: TBD*
 - *Review Period: 9/20 – 10/3*
- Approval: 10/3/2019

Contents

- CS-DD-018 Accelerated C2 System Deployment Design Doc.
(Accelerated Deployment Packages 1, 2, and 3)
- CS-DD-019 Accelerated C2 System Deployment Dev. Plan
(Accelerated Deployment Package 1)
- CS-DD-002 C2 System Back Office Design Document
- CS-DD-004 Communications Network Design
- CS-DD-008 Environmental Design Specifications Document
- CS-DD-009 Equipment Design Document
- CS-DD-009a Fare Validator Design Document
- CS-DD-009c Onboard Validator Solution Design Document
- CS-DD-009d Standalone Validator Solution Design Document
- CS-DD-009g Retail Solution Design Document
- CS-DD-010-[X] ICD Design Documents
- CS-DD-012a Website, Web Portal, and Mobile App Design Doc.

- 60 Day Look-Ahead

- *June/July/August* *Mobile App UI/UX Weekly design sprints*
- *Early August* *Submission of Review Cycle 1 documents*
- *Summer* *Early installation planning & surveys*

- MTC & Agency Resourcing Needs

- *Mobile App UI/UX design participants*
- *Test Plan reviewers*
- *Vehicle & platform survey support*



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

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Indexes:

Code sections:

Attachments: [06_Handout_Policy Advisory Council_Recommendations_July_2019 Transit Fare Integration.pdf](#)

Date	Ver.	Action By	Action	Result
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Attachments:



METROPOLITAN
TRANSPORTATION
COMMISSION

Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105
TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: MTC Commission
FR: MTC Policy Advisory Council
RE: Transit Fare Integration

DATE: July 11, 2019
W.I. 1114

At its Wednesday, July 10, 2019 meeting, the Policy Advisory Council received an update on recent MTC staff work on transit fare integration in the Bay Area. The presentation was provided at the request of Policy Advisory Council members.

After the presentation, Council members spoke to the critical need for a data study. The equity subcommittees of the Policy Advisory Council have been advocating for an integrated fare systems for nearly a decade because of the inequities and barriers created by the lack of fare integration in the Bay Area's transportation networks. Without data, it is impossible to fully address the creation of an integrated fare system that is more equitable for riders of different financial means and circumstances.

The Policy Advisory Council voted unanimously to urge MTC and the Clipper® Executive Board to move forward with a business case study of integrated fares to document the changes necessary to create a financially sustainable and more equitable integrated fare system that encourages transit ridership.

CC: Bay Area Partnership Board
Clipper Executive Board