



Metropolitan Transportation Commission

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

Meeting Agenda

Operations Committee

Committee Members:

Dave Cortese, Chair Damon Connolly, Vice Chair

*Anne W Halsted, Sam Liccardo, Jake Mackenzie, David Rabbitt,
Warren Slocum, James P. Spering*

Non-Voting Members: Dorene M. Giacomini and Jimmy Stracner

Friday, October 11, 2019

9:30 AM

Board Room - 1st Floor

This meeting is scheduled to take place at 9:30 a.m. or immediately following the 9:00 a.m. MTC Executive Committee meeting and will be webcast live on the Metropolitan Transportation Commission's Website: <http://mtc.ca.gov/whats-happening/meetings>

1. Roll Call / Confirm Quorum

Quorum: A quorum of this committee shall be a majority of its regular non-ex-officio voting members (4).

2. Pledge of Allegiance

3. Compensation Announcement

4. Consent Calendar

- 4a. [19-1040](#) Minutes of the September 13, 2019 Meeting

Action: Committee Approval

Attachments: [4a OPS Minutes_Sept 2019.pdf](#)

- 4b. [19-1054](#) Contract Amendment: Integrated Bridge Corridor: Kimley-Horn and Associates, Inc. (\$394,000)

Action: Committee Approval

Presenter: Robert Rich

Attachments: [4b Amendment_Integrated Bridge Corridor.pdf](#)

- 4c. [19-1052](#) Clipper® Contract Change Order Amendment - San Francisco Municipal Transportation Agency (SFMTA) Central Subway Implementation - Prevailing Wages: Cubic Transportation Systems, Inc. (Cubic) (\$65,000)

Action: Committee Approval

Presenter: Lynn Valdivia

Attachments: [4c Cubic Change Order Prevailing Wage.pdf](#)

- 4d. [19-1053](#) Contract - Technical, Strategic, and Long-Range Planning: Invoke Technologies (\$200,000)

Action: Committee Approval

Presenter: Edward Meng

Attachments: [4d Contract Invoke.pdf](#)

5. Approval

- 5a. [19-1047](#) Approval of vendor list to provide commute management software tools for employers selected to participate in the Shift Bay Area program to administer commute benefits, disincentivize parking, and shift employees to shared use modes.

- i. Right Click Solutions dba RideAmigos (RideAmigos)
- ii. RideShark Corporation (RideShark)
- iii. Fort Effect Corp dba Luum (Luum)

Action: Committee Approval

Presenter: Stefanie Hom

Attachments: [5a Shift Bay Area Vendor List.pdf](#)

6. Information

- 6a. [19-1074](#) Bay Area Regional Broadband Communications Strategic Investment Plan

Report on the Bay Area Regional Broadband Communications Strategic Investment Plan, which provides a framework to enable Caltrans and other regional and local stakeholders to develop a regional data communications network.

Action: Information

Presenter: Kaki Cheung

Attachments: [6a Bay Area Regional Communications Strategic Investment Plan.pdf](#)

7. Public Comment / Other Business

8. Adjournment / Next Meeting

The next meeting of the Operations Committee will be Friday, November 8, 2019 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, 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.

MTC's Chair and Vice-Chair are ex-officio voting members of all standing Committees.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1040 **Version:** 1 **Name:**
Type: Minutes **Status:** Consent
File created: 9/3/2019 **In control:** Operations Committee
On agenda: 10/11/2019 **Final action:**
Title: Minutes of the September 13, 2019 Meeting
Sponsors:
Indexes:
Code sections:
Attachments: [4a OPS Minutes_Sept 2019.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Minutes of the September 13, 2019 Meeting

Recommended Action:
Committee Approval

Attachments:



Metropolitan Transportation Commission

Meeting Minutes - Draft

Operations Committee

Agenda Item 4a

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

Committee Members:

Dave Cortese, Chair Damon Connolly, Vice Chair

*Anne W Halsted, Sam Liccardo, Jake Mackenzie, David Rabbitt,
Warren Slocum, James P. Spering*

Non-Voting Members: Dorene M. Giacomini and Jimmy Stracner

Friday, September 13, 2019

9:30 AM

Board Room - 1st Floor

1. Roll Call / Confirm Quorum

Rollcall

Present: 6 - Vice Chair Connolly, Chair Cortese, Commissioner Liccardo, Commissioner Mackenzie, Commissioner Rabbitt and Commissioner Spering

Absent: 2 - Commissioner Halsted and Commissioner Slocum

Non-Voting Member Present: Commissioner Giacomini and

Non-Voting Member Absent: Commissioner Stracner

Ex Officio Voting Member Present: Commission Chair Haggerty

Ad Hoc Non-Voting Members Present: Commissioner Josefowitz

2. Pledge of Allegiance

3. Compensation Announcement - Clerk of the Committee

4. Consent Calendar

Approval of the Consent Calendar

**Upon the motion by Commissioner Rabbitt and second by Vice Chair Connolly,
the Consent Calendar was unanimously approved by the following vote:**

Aye: 5 - Vice Chair Connolly, Chair Cortese, Commissioner Mackenzie, Commissioner Rabbitt and Commissioner Spering

Absent: 3 - Commissioner Halsted, Commissioner Liccardo and Commissioner Slocum

4a. [19-0907](#) Minutes of the July 12, 2019 Meeting

Action: Committee Approval

Attachments: [4a OPS Minutes Jul 2019.pdf](#)

- 4b.** [19-0908](#) Fourth Quarter MTC Service Authority for Freeways and Expressways (SAFE) Financial Statements June 2019 (Unaudited)
- Action: Information
- Presenter: Raymond Woo
- Attachments: [4b_4th Qtr SAFE Financial Statements \(Unaudited\).pdf](#)
-
- 4c.** [19-0731](#) Contract - Interstate-880 (I-880) Integrated Corridor Management (ICM) North Segment System Integrator: Parsons Transportation Group, Inc. (\$2,096,300)
- Action: Committee Approval
- Presenter: Sarah Burnworth
- Attachments: [4c_Contract_I-880 ICM System Integrator.pdf](#)
-
- 4d.** [19-0929](#) Contract Amendment - Bay Area Carpool Program: WSP USA Inc. (\$4,106,000)
- Action: Committee Approval
- Presenter: Barbara Laurensen
- Attachments: [4d_Amendment_Bay Area Carpool Program.pdf](#)
-
- 4e.** [19-0924](#) Contract Amendment - Transportation Engineering and Planning Services: Technical Assistance for Santa Clara US -101 Northbound Ramp Metering Implementation: Kimley-Horn and Associates, Inc. (\$297,000)
- Action: Committee Approval
- Presenter: Lulu Mao
- Attachments: [4e_Technical Assistance for US-101 Ramp Metering Implementation.pdf](#)
-
- 4f.** [19-0909](#) Clipper® Contract Change Order Amendments - Ticket Vending Machines (TVM) and Faregate Maintenance - Prevailing Wages: Cubic Transportation Systems, Inc. (\$1,425,000)
- Action: Committee Approval
- Presenter: Lynn Valdivia
- Attachments: [4f_Cubic Change Order_Prevailing Wage.pdf](#)

- 4g.** [19-0930](#) Clipper® Contract Change Order Amendment - Clipper Card
Procurement: Cubic Transportation Systems, Inc. (\$4,000,000)
Action: Committee Approval
Presenter: Lysa Hale
Attachments: [4g_Change Order Card Procurement.pdf](#)
- 4h.** [19-0931](#) Clipper® Contract Change Order - San Mateo County Transit District
Intra-Operator Transfers: Cubic Transportation Systems, Inc. (\$80,000)
Action: Committee Approval
Presenter: David Weir
Attachments: [4h_Change Order SamTrans Intra-Operator Transfers.pdf](#)
- 4i.** [19-0932](#) Clipper® Contract Change Order - End of Useful Life Devices: Cubic
Transportation Systems, Inc. (\$300,000)
Action: Committee Approval
Presenter: Eric Davis
Attachments: [4i_Change Order End of Life Devices.pdf](#)
- 4j.** [19-0933](#) Clipper® Purchase Order - Network Services: AT&T (\$400,000)
Action: Committee Approval
Presenter: Eric Davis
Attachments: [4j_Purchase Order ATT Network.pdf](#)

Commissioner Liccardo arrived after the approval of the Consent Calendar.

5. Committee Approval

- 5a. [19-0734](#) Contract - Parking Operations and Management Services for Commuter Parking Facilities: LAZ Parking, LLC (\$2,500,000)

Contract for parking operations and management services at the commuter parking lots at I-80/Buchanan St. in Albany, I-880/Fruitvale Ave., and I-880/High St. in Oakland.

Action: Committee Approval

Presenter: Stefanie Hom

Attachments: [5a CPI Parking Operator Contract.pdf](#)

Noel Gallo, Oakland City Council Member, was called to speak.

Chris Iglesias, The Unity Council - Oakland, was called to speak.

Commissioner Cortese requested that staff report back to the Committee in March 2020 on how to integrate local community resources is progressing.

Upon the motion by Commissioner Spering and second by Vice Chair Connolly, the Contract - Parking Operations and Management Services for Commuter Parking Facilities: LAZ Parking, LLC (\$2,500,000) was unanimously approved. The motion carried by the following vote:

Aye: 6 - Vice Chair Connolly, Chair Cortese, Commissioner Liccardo, Commissioner Mackenzie, Commissioner Rabbitt and Commissioner Spering

Absent: 2 - Commissioner Halsted and Commissioner Slocum

6. Commission Approval

- 6a. [19-1059](#) MTC Resolution No. 4390 - Bay Bridge Forward: Commuter Parking Initiative - Commuter Parking Facility Regulations

Resolution to adopt regulations for parking activities at the commuter parking lots.

Action: Commission Approval

Presenter: Stefanie Hom

Attachments: [8a OPS 6a CPI Parking Regulations.pdf](#)

Upon the motion by Commissioner Spering and second by Vice Chair Connolly, MTC Resolution No. 4390 - Bay Bridge Forward: Commuter Parking Initiative - Commuter Parking Facility Regulations was unanimously approved to be forwarded to the Commission for approval. The motion carried by the following vote:

Aye: 6 - Vice Chair Connolly, Chair Cortese, Commissioner Liccardo, Commissioner Mackenzie, Commissioner Rabbitt and Commissioner Spering

Absent: 2 - Commissioner Halsted and Commissioner Slocum

7. Public Comment / Other Business

8. Adjournment / Next Meeting

The next meeting of the Operations Committee will be Friday, October 11, 2019 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1054 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 9/5/2019 **In control:** Operations Committee

On agenda: 10/11/2019 **Final action:**

Title: Contract Amendment: Integrated Bridge Corridor: Kimley-Horn and Associates, Inc. (\$394,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4b Amendment Integrated Bridge Corridor.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Contract Amendment: Integrated Bridge Corridor: Kimley-Horn and Associates, Inc. (\$394,000)

Presenter:
Robert Rich

Recommended Action:
Committee Approval

Attachments:

**Metropolitan Transportation Commission
Operations Committee**

October 11, 2019

Agenda Item 4b

**Contract Amendment: Integrated Bridge Corridor:
Kimley-Horn and Associates, Inc. (\$394,000)**

Subject: Contract Amendment: Integrated Bridge Corridor: Kimley-Horn and Associates, Inc.

Background: In December 2016, the Commission approved the Bay Bridge Forward Initiative for MTC to deliver a suite of operational, transit and shared mobility improvements to move more people into fewer cars across the San Francisco-Oakland Bay Bridge (SFOBB) – the most congested corridor in the region. This Integrated Bridge Corridor project aims to make targeted and cost-effective intelligent transportation system improvements along the corridor.

MTC and Caltrans staff have identified several potential strategies for improving corridor travel including, but not limited to: coordinating operations between the SFOBB metering lights and the westbound I-80 ramp metering systems; installing vehicle detection devices on the West Span bridge structure to enable more proactive management of traffic into San Francisco; and providing motorists with real-time information about multimodal transfer opportunities at the new park-and-ride lots being constructed through MTC's Commuter Parking Initiative. In order for MTC and Caltrans staff to assess the effectiveness of the potential strategies and coordinate efforts to deliver those improvements, staff sought assistance from a consultant to provide technical support for project development and implementation.

On August 1, 2019, MTC issued a Request for Qualifications to pre-qualified firms from the On-Call Transportation Engineering and Planning Services Bench under Service Category A: Freeway Active Traffic Management and Service Category E: Arterial Operations. MTC received one proposal, from Kimley-Horn and Associates, Inc. ("Kimley-Horn"). A panel of MTC and Caltrans staff reviewed the proposal and evaluated the firm's qualifications, understanding of the project, proposed work plan to complete the work, and written communication, in descending order of importance. Based upon this evaluation, staff recommends an award to Kimley-Horn, as they have demonstrated their qualifications and experience with similar projects and an understanding of the project and its corridor-specific challenges.

Kimley-Horn and Associates, Inc. is neither a small business nor a disadvantaged business enterprise.

Issues: None.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with Kimley-Horn and Associates, Inc. in an amount not to exceed \$394,000 for the above-described work.

Attachments: None.


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.:	1237
Consultant:	Kimley-Horn and Associates, Inc. Pleasanton, CA
Work Project Title:	Integrated Bridge Corridor
Purpose of Project:	To assess the effectiveness of various operational strategies and provide technical assistance for project development and implementation.
Brief Scope of Work:	Conduct an existing condition and needs assessment, draft a concept of operations, produce a project implementation plan, lead design and permitting efforts and support deployment of project improvements.
Project Cost Not to Exceed:	\$394,000 Total Contract before this amendment: \$199,218 Total Authorized Contract after this amendment: \$593,218
Funding Source:	RM2
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with Kimley-Horn and Associates, Inc. to assess the effectiveness of various operational strategies and provide technical assistance for their development and implementation as described above and in the Operations Committee Summary Sheet dated October 11, 2019 and that the Chief Financial Officer is authorized to set aside \$394,000 for such amendment.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	October 11, 2019



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1052 **Version:** 1 **Name:**
Type: Contract **Status:** Consent
File created: 9/5/2019 **In control:** Operations Committee
On agenda: 10/11/2019 **Final action:**
Title: Clipper® Contract Change Order Amendment - San Francisco Municipal Transportation Agency (SFMTA) Central Subway Implementation - Prevailing Wages: Cubic Transportation Systems, Inc. (Cubic) (\$65,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4c_Cubic_Change_Order_Prevailing_Wage.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Clipper® Contract Change Order Amendment - San Francisco Municipal Transportation Agency (SFMTA) Central Subway Implementation - Prevailing Wages: Cubic Transportation Systems, Inc. (Cubic) (\$65,000)

Presenter:

Lynn Valdivia

Recommended Action:

Committee Approval

Attachments:

Metropolitan Transportation Commission Operations Committee

October 11, 2019

Agenda Item 4c

Clipper® Contract Change Order Amendment – San Francisco Municipal Transportation Agency (SFMTA) Central Subway Implementation - Prevailing Wages: Cubic Transportation Systems, Inc. (Cubic) (\$65,000)

Subject: Change Order Amendment – Adding Funds to Pay Prevailing Wages for SFMTA Central Subway Implementation per California Labor Code and Federal Davis-Bacon Act: Cubic (\$65,000).

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 Ticket Vending Machines (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 the 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 transit operator-requested Change Orders are the responsibility of the requesting transit operator. Thus, SFMTA is financially responsible for the operating costs for the faregates and TVMs added to the Clipper Contract by Change Order at its request. Change Order 195, the SFMTA Central Subway Implementation, includes public works activities subject to the PWL and DBA; the cost of complying with PWL and DBA on such implementation project is being addressed by this proposed amendment to that Change Order. In separate Change Order Amendments, approved by this Committee on September 13, 2019, Cubic is to be compensated for the increased fees for ongoing operation of TVMs and faregates at SFMTA facilities.

This item requests approval to compensate Cubic via Change Order amendment for increased labor costs specifically associated with PWL and DBA compliance in connection with the installation of faregates and TVMs located at the three new light rail stations being built by SFMTA as part of its Central Subway project.

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

This Change Order Amendment is not considered to be a “Significant Business Matter” as defined in the Amended and Restated Clipper Memorandum of Understanding, and thus has not been brought before the Clipper Executive Board.

Issues: There are no issues with this Change Order Amendment.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a Contract Change Order Amendment with Cubic in an amount not to exceed \$65,000 for the increased labor costs associated with compliance with PWL and DBA for SFMTA’s Central Subway Project Implementation, as described above.



Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Change Order Amendment

Consultant:	Cubic Transportation Systems, Inc. San Diego, CA
Work Project Title:	SFMTA Central Subway Project Implementation – Prevailing Wages
Purpose of Project:	Modify installation costs for certain Clipper equipment as part of SFMTA’s Central Subway project to cover prevailing wages paid for public works activities.
Brief Scope of Work:	Compensate Cubic Transportation Systems, Inc. for increased labor costs associated with the installation and maintenance of ticket vending machines and faregates in the SFMTA Central Subway project, to comply with the California Prevailing Wage Law and the Federal Davis-Bacon Act.
Project Cost Not to Exceed:	\$65,000
Funding Source:	Transit Operator funds
Fiscal Impact:	Funds included in the FY 2019-20 agency budget. Transit Operator San Francisco Municipal Transportation Agency will cover the costs per the Clipper Amended and Restated Memorandum of Understanding.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a Contract Change Order Amendment with Cubic Transportation Systems, Inc. as described above and in the Operations Committee Summary Sheet dated October 11, 2019, and the Chief Financial Officer is authorized to set aside \$65,000 for such amendment.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	October 11, 2019



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1053 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 9/5/2019 **In control:** Operations Committee

On agenda: 10/11/2019 **Final action:**

Title: Contract - Technical, Strategic, and Long-Range Planning: Invoke Technologies (\$200,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4d_Contract Invoke.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Contract - Technical, Strategic, and Long-Range Planning: Invoke Technologies (\$200,000)

Presenter:
Edward Meng

Recommended Action:
Committee Approval

Attachments:

Metropolitan Transportation Commission Operations Committee

October 11, 2019

Agenda Item 4d

Contract – Technical, Strategic, and Long-Range Planning: Invoke Technologies (\$200,000)

Subject: Request for approval of a contract for technical, strategic, and long-range planning in support of the Next Generation Clipper System: Invoke Technologies (Invoke) (\$200,000).

Background: Invoke proposed and was pre-qualified for professional services under the Electronic Payments Section Consultant Assistant Bench, which was competitively procured and established in 2016 for fare payment system and electronic tolling support. Under the Consultant Assistant Bench, Invoke is qualified to deliver services under four service categories: program management, planning, operational monitoring and reporting, and technology evaluation and support.

Invoke will deliver services related to the procurement and implementation of the Next Generation Clipper system, including but not limited to scope development and general program management support, contract approach and preparation support, design and implementation of fare payment media and devices, systems engineering review, and mobile app design and development.

Invoke has specific, unique strengths applying lessons learned from mobile app development at LA Metro for the TAP program to Clipper's mobile app development process. Invoke is also responsible for the creation of LA Metro's multimodal platform to support future Mobility-as-a-Service (MaaS) implementations on TAP and will be uniquely positioned to help us by supporting institutional program work and development of our regional strategy to potentially use Clipper to support expanded payments for mobility services.

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

The proposed scope of work and cost was approved by the Clipper Executive Board as part of the Clipper Two Year Budget and Work Plan approved in March 2019.

Issues: There are no issues with this proposed contract.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract with Invoke Technologies in an amount not to exceed \$200,000 to provide ongoing program management, long-range planning, operational monitoring and reporting, and technology oversight services, as described above.


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Consultant:	Invoke Technologies Del Mar, CA
Work Project Title:	Technical, Strategic, and Long-Range Planning
Purpose of Project:	To provide support for project management, design, and implementation of the Next Generation Clipper system
Brief Scope of Work:	To provide support ongoing program management, long-range planning, operational monitoring and reporting, and technology oversight in support of the Next Generation Clipper system
Project Cost Not to Exceed:	\$200,000 (this Contract) Total contract amount: \$200,000
Funding Source:	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 FY 2019-20 MTC agency budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract with Invoke Technologies as described above and in the Operations Committee Summary Sheet dated October 11, 2019, and the Chief Financial Officer is authorized to set aside \$200,000 for such contract.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	October 11, 2019



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1047 **Version:** 1 **Name:**

Type: Contract **Status:** Committee Approval

File created: 9/3/2019 **In control:** Operations Committee

On agenda: 10/11/2019 **Final action:**

Title: Approval of vendor list to provide commute management software tools for employers selected to participate in the Shift Bay Area program to administer commute benefits, disincentivize parking, and shift employees to shared use modes.

- i. Right Click Solutions dba RideAmigos (RideAmigos)
- ii. RideShark Corporation (RideShark)
- iii. Fort Effect Corp dba Luum (Luum)

Sponsors:

Indexes:

Code sections:

Attachments: [5a Shift Bay Area Vendor List.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Approval of vendor list to provide commute management software tools for employers selected to participate in the Shift Bay Area program to administer commute benefits, disincentivize parking, and shift employees to shared use modes.

- i. Right Click Solutions dba RideAmigos (RideAmigos)
- ii. RideShark Corporation (RideShark)
- iii. Fort Effect Corp dba Luum (Luum)

Presenter:

Stefanie Hom

Recommended Action:

Committee Approval

Attachments:

Metropolitan Transportation Commission Operations Committee

October 11, 2019

Agenda Item 5a

Vendor List –Shift Bay Area Pre-Qualified Commute Management Software Vendors

Subject: Approval of vendor list to provide commute management software tools for employers selected to participate in the Shift Bay Area program to administer commute benefits, disincentivize parking, and shift employees to shared use modes.

- i. Right Click Solutions dba RideAmigos (RideAmigos)
- ii. RideShark Corporation (RideShark)
- iii. Fort Effect Corp dba Luum (Luum)

Background: In March 2019, the Commission approved \$2,000,000 in funding to launch a program that will help employers reduce single occupancy vehicle (SOV) rates and encourage shared-use modes among their employees. The resulting program, Shift Bay Area (Shift), is aimed at equipping large employers with a commute management tool to shift their employees' travel behavior through parking management strategies and incentives for shared-use modes. Shift goals are as follows:

- Work with large employers whose employees often drive alone on the region's congested corridors, specifically the San Francisco-Oakland Bay Bridge and the planned "Ring Around the Bay" HOV3+ express lane corridors (Alameda-Santa Clara I-880, Santa Clara SR 237, and San Mateo US 101). The vehicle occupancy requirement for these express lanes will be three or more (HOV3+).
- Learn whether equipping employers with data-driven commute management software can shift travel behavior over time.
- Implement employer parking management strategies to reduce SOV parking demand.
- Manage commute services and administer incentives and disincentives to shift employees to shared-use modes.
- Track and set targets to measure changes in overall drive-alone rates, reductions in SOV parking demand, and increases in alternate commute modes.
- Analyze commute data from employers to identify effective strategies.
- Provide future MTC funding, as available, to employers for carpool incentives.

In Fall 2019, MTC plans to release a competitive solicitation to seek employer partnerships to participate in Shift for the 36-month duration. MTC will work with employers that face pressing commute challenges, manage parking with pricing and disincentive strategies to reduce demand, and incentivize shared-use modes to reduce single occupancy vehicle rates. The Shift budget of \$2,000,000 will be available to the selected employer partners to fund the installation and subscription costs of the commute management tool. Employer partners will enter into a 36-month contract with a vendor from the pre-qualified list of vendors. MTC may contribute incentives to employers should resources become available.

On June 26, 2019, MTC issued a Request for Qualifications (RFQ) to develop a list of pre-qualified commute management software vendors from which participating employers can select and contract with during the 36-month Shift program. On July 23, MTC received Statements of Qualifications (SOQs) from three vendors: 1) RideAmigos; 2) RideShark; and 3) Luum.

A panel comprised of staff from MTC, Bay Area Air Quality Management District (BAAQMD), and the Bay Area Council reviewed the SOQs and were given live demonstrations by the vendors to determine if they meet the minimum qualifications listed below.

1. Integrates with payroll platforms, parking systems, and third party mobility providers
2. Administers at least two parking management strategies
3. Provides discounted pricing to employer participants
4. Provides performance data from client references documenting before and after changes in drive alone rates
5. Provides a customer service protocol
6. Provides a live demonstration to MTC

The panel evaluated whether a vendor met all six minimum qualifications using a “yes or no” determination; there was no further evaluation beyond the minimum qualifications. Based on this review, the panel determined that all three vendors meet all minimum qualifications and therefore recommended that they be pre-qualified to be available to employer participants of Shift. Vendors that are pre-qualified through the RFQ are not guaranteed a project with participating employers of the Program.

Issues: None identified.

Recommendation: Staff recommends that the Committee authorize the Executive Director or designee to approve the pre-qualified list of commute management software vendors identified in this memo for eligibility to contract with participating employers of Shift Bay Area for 36 months.

Attachments: PowerPoint Presentation: Shift Bay Area


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Pre-Qualified List of Vendors

Work Item No.:	1238
Vendors:	<ul style="list-style-type: none">• Right Click Solutions dba RideAmigos, Santa Monica, CA• RideShark Corporation, Ottawa, ON, Canada• Fort Effect Corp dba Luum, Seattle, WA
Work Project Title:	Shift Bay Area
Purpose of Project:	To provide commute management software tools for employers selected to participate in Shift Bay Area.
Brief Scope of Work:	Provide commute management software tools for participating employers; this includes integration with third-party mobility and employer systems to manage commute benefits, provide incentives and disincentives for selected commute modes, and provide performance data.
Project Cost Not to Exceed:	Individual funding amounts TBD. Total funding not to exceed \$2,000,000.
Funding Source:	RM2 Marketing
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget
Motion by Committee:	That the above commute management software vendors be pre-qualified to be eligible to enter into 36-month contracts with participating employers of Shift Bay Area, as described above and in the Operations Committee Summary Sheet dated October 11, 2019.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	October 11, 2019



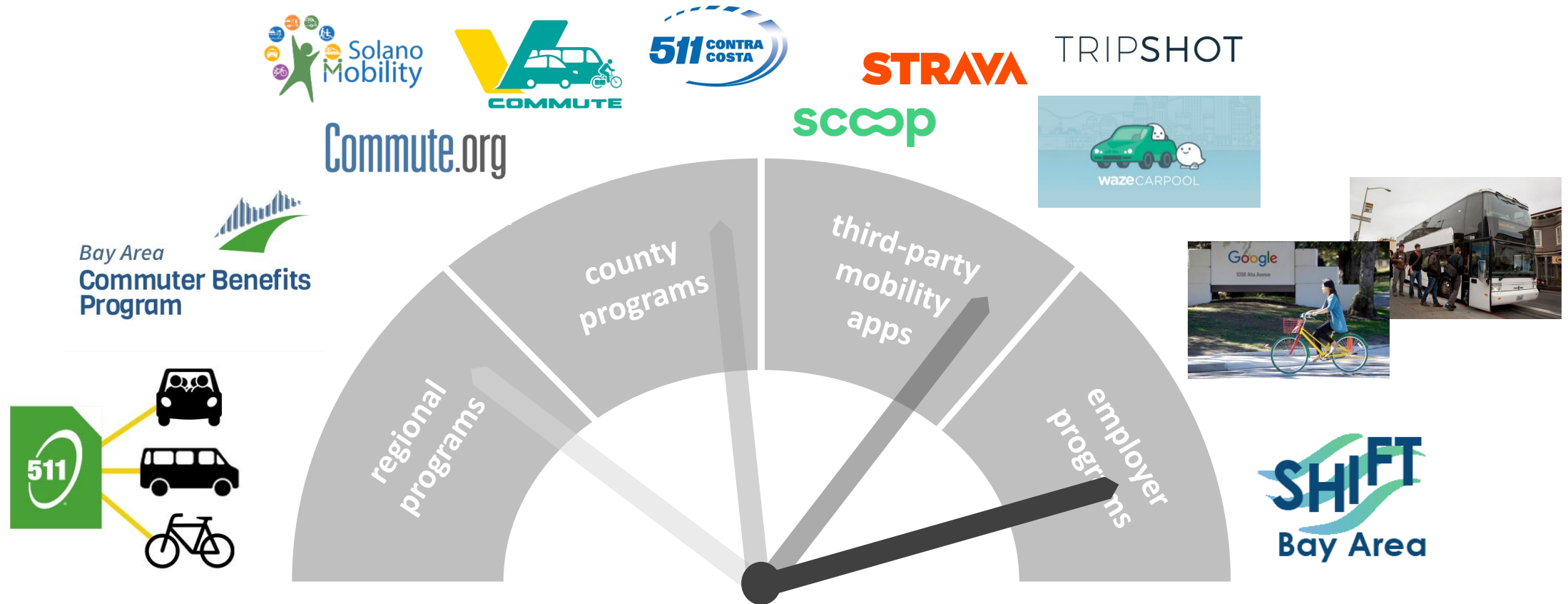
Shift Bay Area

MTC Operations Committee

October 11, 2019

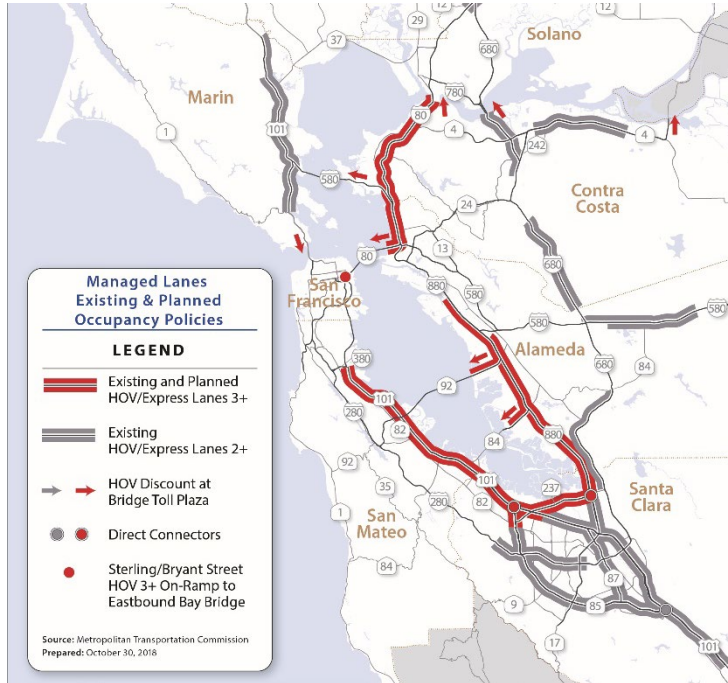


Moving the Needle to Shift Commute Behavior with a \$2m Investment



Shift Bay Area

1 REDUCE SINGLE OCCUPANCY VEHICLE RATES ON CONGESTED CORRIDORS

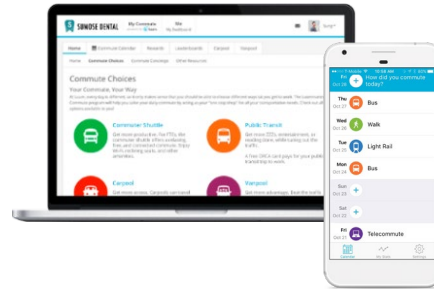


- Support Ring Around the Bay HOV3+ policy change
- Deliver Commute Benefits Program
- Disincentivize employer parking

2 EQUIP EMPLOYERS WITH TOOLS AND DATA



+



- 3 year employer commitment
- Employers use pre-qualified commute management tool
- Commute data to be provided to MTC
- Manage parking and shared use services

3 TEST COMMUTE STRATEGIES AND OFFER INCENTIVES



- Strategies to reduce SOV rates, including parking management, incentives, disincentives
- Future MTC funding for carpool incentives as resources become available

Commute Management Software Vendor Minimum Qualifications

1. Integration with payroll platforms, parking systems, and third party mobility providers
2. Administers at least two parking management strategies
3. Provides discounted pricing to employer participants
4. Provides performance data from client references documenting before and after changes in drive alone rates
5. Provides a customer service protocol
6. Provides a live demonstration to MTC



ride**amigos**

Ride**Shark**





Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1074 **Version:** 1 **Name:**
Type: Report **Status:** Informational
File created: 9/6/2019 **In control:** Operations Committee
On agenda: 10/11/2019 **Final action:**
Title: Bay Area Regional Broadband Communications Strategic Investment Plan

Report on the Bay Area Regional Broadband Communications Strategic Investment Plan, which provides a framework to enable Caltrans and other regional and local stakeholders to develop a regional data communications network.

Sponsors:

Indexes:

Code sections:

Attachments: [6a Bay Area Regional Communications Strategic Investment Plan.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Bay Area Regional Broadband Communications Strategic Investment Plan

Report on the Bay Area Regional Broadband Communications Strategic Investment Plan, which provides a framework to enable Caltrans and other regional and local stakeholders to develop a regional data communications network.

Presenter:

Kaki Cheung

Recommended Action:

Information

Attachments:

Metropolitan Transportation Commission Operations Committee

October 11, 2019

Agenda Item 6a

Bay Area Regional Broadband Communications Strategic Investment Plan

Subject: Report on the Bay Area Regional Broadband Communications Strategic Investment Plan, which provides a framework to enable Caltrans and other regional and local stakeholders to develop a regional data communications network.

Background: There are four major types of communications technologies: fiber optics cables composed from multiple glass tubes installed in underground conduit or overhead wires; communications (e.g., wireless, copper) leased for a recurring cost from companies such as AT&T; and high bandwidth and low bandwidth wireless communications transmitting data over air using radio waves at different frequencies.

In 2009, MTC and Caltrans District 4 collaborated on the development of the first Bay Area Regional Communications Plan (Plan). The Plan promotes sharing of communications infrastructure that allows agencies to transmit and exchange information and facilitates implementation of technology-based congestion management strategies. The focus was on identifying strategies to upgrade the communications network to expand and accommodate the Caltrans video system, as well as other field devices, such as changeable message signs. Fast forward to 2019, the age of big data, when many emerging technologies require fast, reliable and high bandwidth connections. In many cases, agency-owned fiber can meet future data and technology needs efficiently and cost-effectively.

MTC is leading the effort to update the Plan, which provides a framework for MTC, Caltrans, and other regional and local stakeholders to develop a modern regional communications network. MTC staff has worked to develop the Plan with stakeholders including Caltrans, county transportation agencies, transit agencies, and local cities.

The proposed network would enable information sharing and facilitate the implementation of technology-based congestion management strategies focused on enhancing the livability and economic vitality of communities throughout the nine-county Bay Area. The communications network would give agencies the ability to support managed lanes, integrated corridor management, smart cities and other emerging, advanced technologies. The Plan also promotes sharing of communications infrastructure to support coordinated and interoperable transportation systems across multiple jurisdictions.

Based on goals and objectives identified by the stakeholders, the updated Plan identifies 40 projects at a total cost of \$150 million, and prioritizes projects based on their benefits and costs. These projects leverage existing and planned fiber infrastructure by closing gaps and connecting communications systems at hubs and at traffic management centers. The updated Plan also describes traditional and

creative funding sources and outlines best practices for sharing communications infrastructure. A boilerplate sharing agreement was created, and can be used to facilitate negotiations regarding sharing infrastructure.

The Plan recommends policies that MTC, Caltrans, county transportation agencies and local jurisdictions can undertake to facilitate the build-out of a regional data communications network. Because much of the physical network infrastructure proposed in the Plan has not been constructed, the Plan recommends development of guidelines that encourage consideration of regional communications infrastructure in project development phases, such as initial development, scoping, and permitting. Agencies are also encouraged to install fiber communications infrastructure for the regional communications network if the project limits overlap with a proposed project in the Plan. This will minimize construction project excavations (and costs) and minimize impacts to the traveling public. The Utah Department of Transportation estimated a 15.5% per mile cost savings when conduit and fiber were installed during a road project rather than being installed independent of a road project.

To incentivize local agencies to construct and deploy communications infrastructure identified in the Plan, staff proposes establishing a pilot challenge grant program named Interconnect Bay Area. Administered by MTC, the program would make available approximately \$2.5M of federal funding to help cities, counties and transportation agencies with communications project implementation, through consultant technical assistance and capital support. Staff will make a recommendation to the Programming and Allocations Committee at its October 9th meeting, to direct OBAG 2 federal funding towards this pilot challenge grant, pending Commission approval at its October 23rd meeting. Although staff is only in the early stage of designing grant guidelines, it is anticipated that a call for projects would take place in the summer of 2020.

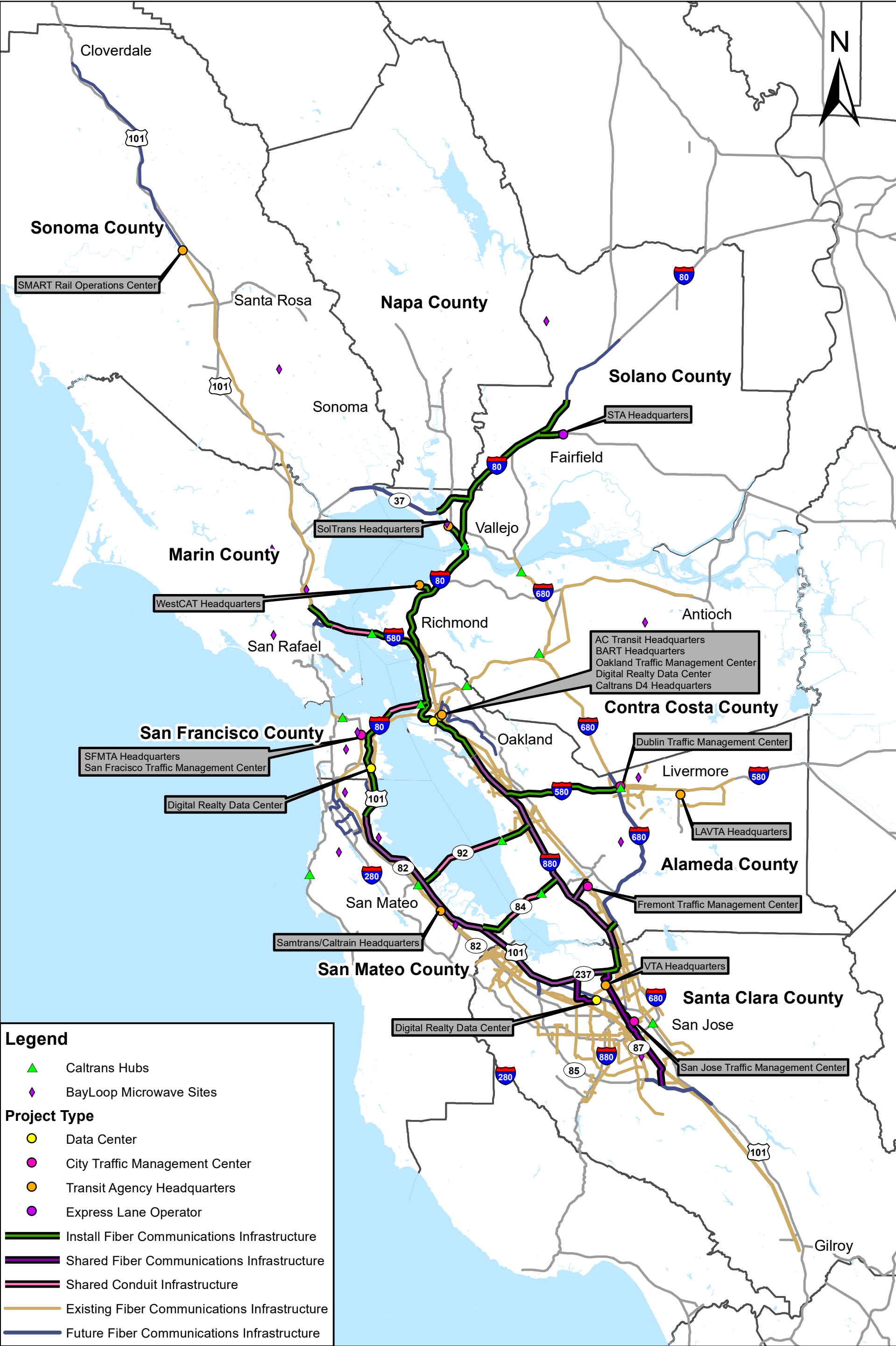
Issues: None identified.

Recommendation: Receive report on the Regional Broadband Communications Strategic Investment Plan.

Attachments: Attachment A: Proposed Regional Broadband Communications Network Build-Out Map
Attachment B: Presentation on the Bay Area Regional Broadband Communications Strategic Investment Plan



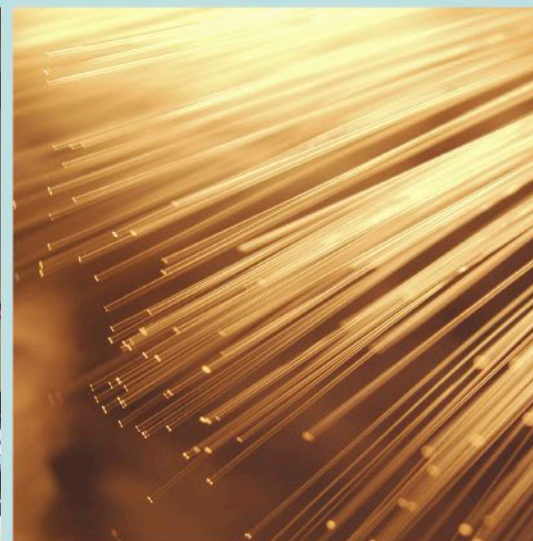
Therese W. McMillan





BAY AREA REGIONAL BROADBAND COMMUNICATIONS STRATEGIC INVESTMENT PLAN

MTC Operations Committee
October 11, 2019



Re-Evaluate Communications Strategy



Image sources:
<https://www.mobilekarobar.com/images/posts/1510787370.jpg>
<https://mlsvc01-prod.s3.amazonaws.com/ef1df1f5101/9f889eb2-4d90-42e0-8f29-fd3c9cd7b3f7.png?ver=1553637334000>

Regional Communications At A Glance



Provide a framework to develop a **fast, reliable, redundant, and cost-effective** regional communications network



Enable the **sharing** of data, and maintenance and operations costs



Support **coordinated and interoperable** transportation systems



Facilitate **technology-based congestion management** strategies



Leverage infrastructure **assets and investments**



Realize **cost savings**

Regional Communications Applications



Signal Synchronization



Video Sharing



Regional Traffic Systems Control



Connected Vehicle/
Autonomous Vehicle
(CV/AV)

Value of Agency Owned Fiber

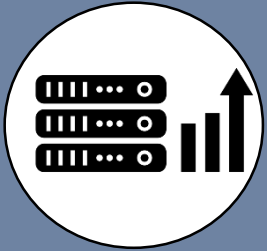
Return on Investment: 15 years



Maintenance



Repairs

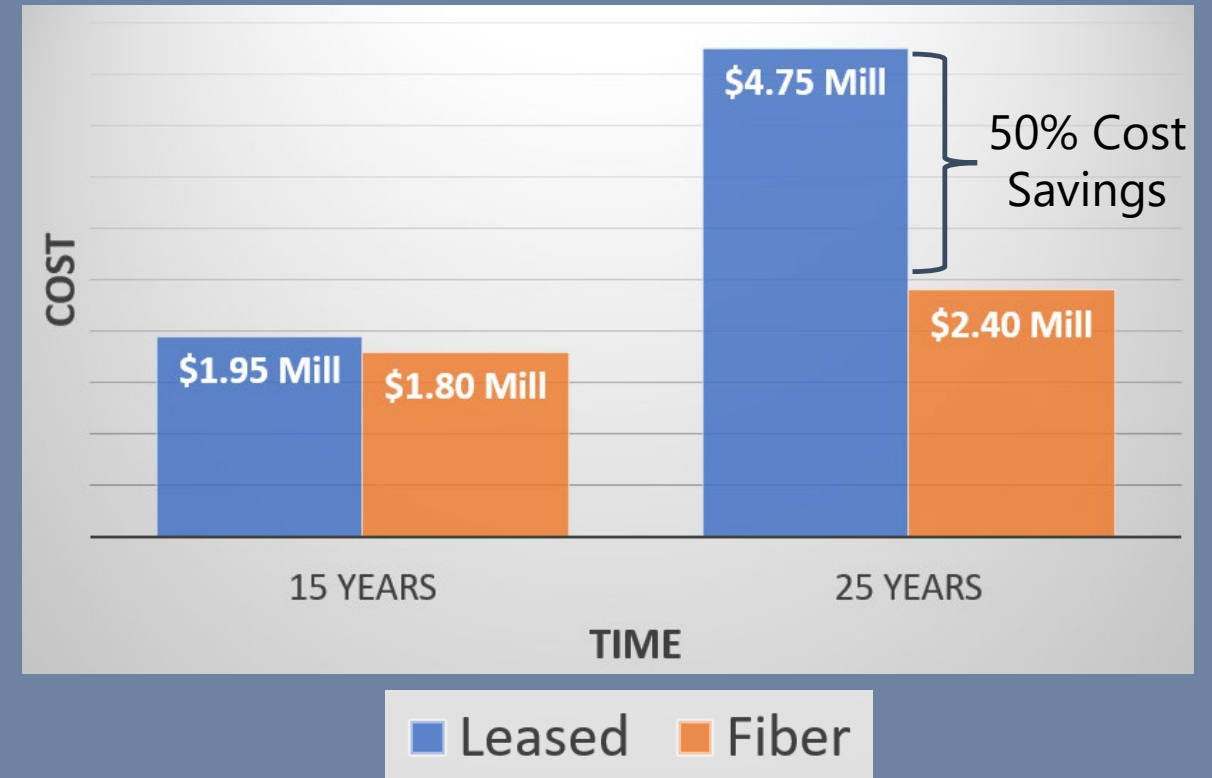


Equipment Upgrade



Leased Line Fees

Agency owned Fiber vs. Leased Line costs Per mile

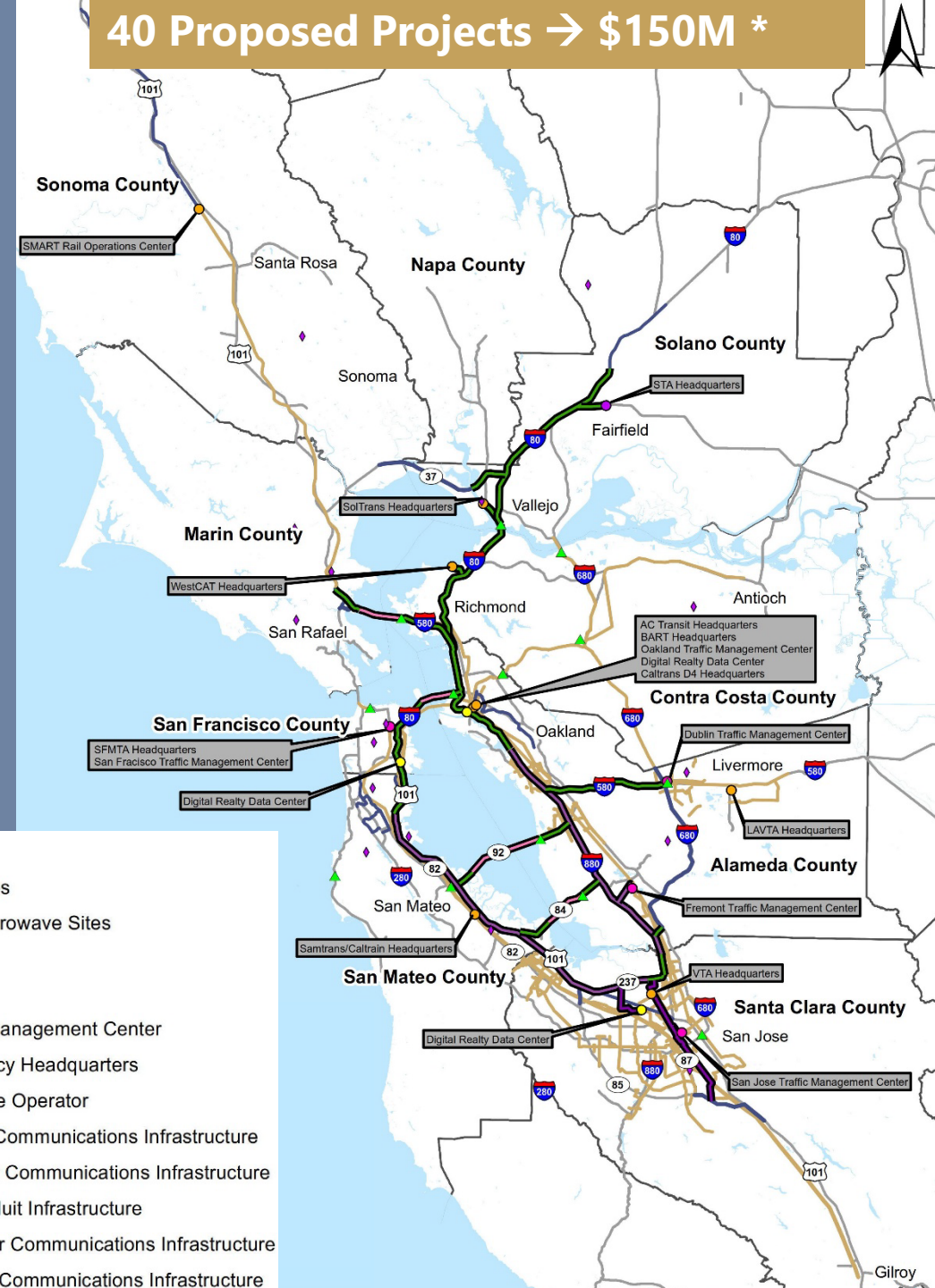


Assuming future bandwidth needs to accommodate emerging technologies (CV/AV, Vehicle Occupancy Detection, etc) on a one mile urban corridor.

Building a Regional Network

Phase	Description	# of Projects
1	Share infrastructure to complete the regional communications ring around the bay	5
2	Install infrastructure to complete the regional communications ring around the bay	6
3	Install and share infrastructure to build out the regional communications network along highways	9
4	Install and share infrastructure to build out the regional communications network along local roads	20

40 Proposed Projects → \$150M *



Legend

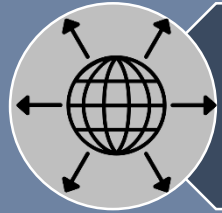
- ▲ Caltrans Hubs
- ◆ BayLoop Microwave Sites

Project Type

- Data Center
- City Traffic Management Center
- Transit Agency Headquarters
- Express Lane Operator

- Install Fiber Communications Infrastructure
- Shared Fiber Communications Infrastructure
- Shared Conduit Infrastructure
- Existing Fiber Communications Infrastructure
- Future Fiber Communications Infrastructure

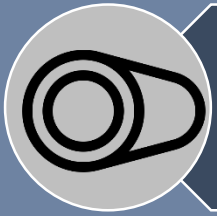
Policy Recommendations



Identify opportunities to build out the communications network



- Stakeholders
- Caltrans
 - MTC
 - County Transportation Agencies
 - Local cities and Counties



Promote a Smart Dig Policy



- Caltrans
- MTC
- County Transportation Agencies
- Local cities and Counties



Incorporate communications policies in funding guidelines



- Caltrans
- MTC
- County Transportation Agencies



Pilot a block grant program:
InterConnect Bay Area Challenge Grant



- MTC

Image source: the Noun Project

InterConnect Bay Area Grant: Proposed Timeline

