



# 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, January 10, 2020

9:30 AM

Board Room - 1st Floor

---

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

#### 1. Roll Call / Confirm Quorum

*Quorum: A quorum of this committee shall be a majority of its regular non-ex-officio voting members (5).*

#### 2. Pledge of Allegiance

#### 3. Compensation Announcement – Clerk of the Committee

#### 4. Consent Calendar

- 4a. [19-1390](#) Minutes of the December 13, 2019 Meeting

*Action:* Committee Approval

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

- 4b. [20-0040](#) Contract Amendment - On-Call Design Services, Technical Assistance for West Grand High-Occupancy Vehicle (HOV) / Bus Lane Extension: URS Corporation Americas (\$620,000)

*Action:* Committee Approval

*Presenter:* Cathy Chea

*Attachments:* [4b Contract Amendment On-Call Design Services URS.pdf](#)

- 4c. [20-0041](#) Project Awards and Contract Amendments - Program for Arterial System Synchronization (PASS) Fiscal Year 2019-20: Contract Amendments: i. Iteris Inc. (\$292,900); ii. Kimley-Horn and Associates, Inc. (\$304,300); and iii. TJKM Transportation Consultants (\$234,600)

Action: Committee Approval

Presenter: Robert Rich

Attachments: [4c\\_PASS Contract Amendments and Project Selection.pdf](#)

## 5. Approval

- 5a. [19-1392](#) Contract - Vehicle Occupancy Verification Smartphone App Pilot - Outreach and Evaluation Services: Atkins North America, Inc. (\$245,000)

Request Committee approval of a contract with Atkins North America, Inc. (Atkins) in an amount not to exceed \$245,000 to provide outreach and evaluation services for a three-month pilot of smartphone app-based technology used to verify vehicle occupancy in an express lane.

Action: Committee Approval

Presenter: Pierce Gould

Attachments: [5a\\_Veh occupancy verification app pilot - outreach & eval services Contract.pdf](#)

## 6. Public Comment / Other Business

## 7. Adjournment / Next Meeting

The next meeting of the Operations Committee will be Friday, February 14, 2020 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](http://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 #:** 19-1390      **Version:** 1      **Name:**  
**Type:** Minutes      **Status:** Consent  
**File created:** 11/21/2019      **In control:** Operations Committee  
**On agenda:** 1/10/2020      **Final action:**  
**Title:** Minutes of the December 13, 2019 Meeting  
**Sponsors:**  
**Indexes:**  
**Code sections:**  
**Attachments:** [4a OPS Minutes\\_Dec 2019.pdf](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

**Subject:**  
Minutes of the December 13, 2019 Meeting

**Recommended Action:**  
Committee Approval

**Attachments:**



# Metropolitan Transportation Commission

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

## Meeting Minutes - Draft

### 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, December 13, 2019

9:30 AM

Board Room - 1st Floor

---

#### 1. Roll Call / Confirm Quorum

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

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

Non-Voting Members Present: Commissioner Giacomini and Commissioner Stracner

Ex Officio Voting Members Present: Commission Chair Haggerty and

Commission Vice Chair Pedroza

Ad Hoc Non-Voting Member Present: Commissioner Worth

#### 2. Pledge of Allegiance

#### 3. Compensation Announcement – Clerk of the Committee

#### 4. Consent Calendar

Approval of the Consent Calendar

**Upon the motion by Commissioner Spering 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. [19-1318](#) Minutes of the November 8, 2019 Meeting

**Action:** Committee Approval

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

- 4b.**     [19-1149](#)     First Quarter MTC Service Authority for Freeways and Expressways (SAFE) Financial Statements September 2019
- Action: Information
- Presenter: Raymond Woo
- Attachments: [4b\\_1st Qtr SAFE Financial Statements FY20.pdf](#)
- 
- 4c.**     [19-1319](#)     Contract - Freeway Service Patrol (FSP) Beat 28 Yarbrough Bros Towing Inc. (\$1,410,000)
- Action: Committee Approval
- Presenter: Gio DiFabio
- Attachments: [4c\\_Contract Approval-FSP Beat 28.pdf](#)
- 
- 4d.**     [19-1320](#)     Contract Amendment- Interstate-880 (I-880) Integrated Corridor Management (ICM) North Segment Design Services: URS Corporation Americas (\$200,000)
- Action: Committee Approval
- Presenter: Sarah Burnworth
- Attachments: [4d\\_Contract Amendment URS.pdf](#)
- 
- 4e.**     [19-1321](#)     Contract Amendment - Customer Research, Education and Outreach for the Clipper® Program: MIG, Inc. (MIG) (\$400,000)
- Action: Committee Approval
- Presenter: Lysa Hale
- Attachments: [4e\\_Contract Amendment MIG.pdf](#)

## 5. Approval

- 5a. [19-1322](#) Clipper®: Means-Based Pilot Program Update and Contract Approval for Cubic Transportation Systems, Inc. (\$1,700,000)

Update on the rollout of the regional means-based transit fare discount pilot program, and request for approval of a contract for eligibility verifier services: Cubic Transportation Services, Inc. (Cubic) (\$1,700,000).

**Action:** Committee Approval

**Presenter:** Lysa Hale

**Attachments:** [5a Clipper - Means-Based and Contract Approval.pdf](#)

Upon the motion by Commissioner Sperling and second by Commissioner Rabbitt, the Clipper®: Means-Based Pilot Program Update and Contract Approval for Cubic Transportation Systems, Inc. (\$1,700,000) was approved as amended to include an update on farebox recovery. The motion carried by the following vote:

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

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

## 6. Information

- 6a. [19-1150](#) Clipper®: Next-Generation System Update

Update on the development of the next-generation Clipper system.

**Action:** Information

**Presenter:** Jason Weinstein

**Attachments:** [6a Clipper - Next-Generation System Update.pdf](#)

- 6b. [19-1151](#) Bay Area Express Lanes 10-Year Strategic Implementation Plan

Report on the approach to develop a plan that will establish regional goals for express lanes, document the region's priorities for express lane implementation over the next ten years, and align with the work underway for Plan Bay Area 2050. The strategic planning effort will also identify candidate express lane projects for near-term funding opportunities presented by 2020 Senate Bill 1 competitive programs.

**Action:** Information

**Presenter:** Lisa Klein

**Attachments:** [6b Bay Area Regional Express Lane Strategic Plan.pdf](#)

**7. Public Comment / Other Business**

**8. Adjournment / Next Meeting**

**The next meeting of the Operations Committee will be Friday, January 10, 2020 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 #:** 20-0040      **Version:** 1      **Name:**

**Type:** Contract      **Status:** Consent

**File created:** 12/2/2019      **In control:** Operations Committee

**On agenda:** 1/10/2020      **Final action:**

**Title:** Contract Amendment - On-Call Design Services, Technical Assistance for West Grand High-Occupancy Vehicle (HOV) / Bus Lane Extension: URS Corporation Americas (\$620,000)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4b Contract Amendment On-Call Design Services URS.pdf](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

### Subject:

Contract Amendment - On-Call Design Services, Technical Assistance for West Grand High-Occupancy Vehicle (HOV) / Bus Lane Extension: URS Corporation Americas (\$620,000)

### Presenter:

Cathy Chea

### Recommended Action:

Committee Approval

### Attachments:

**Metropolitan Transportation Commission  
Operations Committee**

**January 10, 2020**

**Agenda Item 4b**

**Contract Amendment – On-Call Design Services, Technical Assistance for West Grand  
High-Occupancy Vehicle (HOV) / Bus Lane Extension: URS Corporation Americas  
(\$620,000)**

---

**Subject:** Contract Amendment – On-Call Design Services: Technical Assistance for West Grand Avenue HOV/Bus Lane Extension: URS Corporation Americas (URS).

**Background:** In January 2019, construction of the first phase of the West Grand HOV/Bus Lane project was completed. The project was intended to increase Transbay person throughput by providing access and operational improvements for buses and high occupancy vehicles (HOVs). Upon completion of the first phase of the West Grand HOV/Bus Lane project, significant operational improvements were observed, with up to about 21 minutes of travel time savings for buses and HOVs during the morning commute. Despite these operational improvements, however, excessive queues still occur along West Grand Avenue before the start of the HOV lane, prompting the need to extend the HOV/bus lane further east.

Phase 2 of the West Grand HOV/Bus Lane project proposes to extend the HOV/Bus Lane from Phase 1 through conversion of approximately 4,500 feet of the right shoulder on West Grand Avenue between the West Grand Avenue on-ramp/I-580 Eastbound on-ramp split and the West Grand Avenue/Frontage Road intersection. The project will also include the construction of a multi-use path on West Grand Avenue between Maritime Street and Mandela Parkway to improve bicycle and pedestrian access.

In October 2016, after a competitive procurement under the 2014 Design Services bench for the West Grand Avenue HOV/Bus Lane project, this Committee approved the selection of URS because of their understanding of the project and its challenges, proposed management team, staff experience, and the capacity of qualified personnel to complete the project according to schedule. Under the proposed contract amendment, URS would provide technical assistance in the design and environmental assessment of Phase 2 of the West Grand Avenue HOV/Bus Lane Extension project. Attachment A includes a summary of URS and its project team's small business and disadvantaged business enterprise status.

**Issues:** None identified.

**Recommendation:** Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with URS Corporation Americas in an amount not to exceed \$620,000 to provide technical assistance in the design and environmental assessment of Phase 2 of the West Grand Avenue HOV / Bus Lane project.

**Attachments:** Attachment A: Contractor DBE and SBE Status

A handwritten signature in black ink, appearing to read "Therese W. McMillan", written over a horizontal line.

Therese W. McMillan

	Firm Name	Role on Project	DBE* Firm			SBE** Firm	
			Yes	If Yes, List #	No	Yes	If Yes, List # No
Prime Contractor	URS	Technical Assistance for West Grand HOV/Bus Lane Extension			X		X
Subcontractor	WRECO	Design Services	X	30066			X
	Ruggeri-Jensen-Azar	Field surveying and mapping services			X		X
	Verano Technical Services	Project Management and Coordination			X		X
	Brown and Caldwell	Water Resources and Storm Water			X		X

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract Amendment

Work Item No.:	1237
Consultant:	URS Corporation Americas San Jose, CA
Work Project Title:	West Grand Avenue HOV/Bus Lane Extension
Purpose of Project:	Technical assistance for the design and environmental assessment of the West Grand Avenue HOV/Bus Lane Extension.
Brief Scope of Work:	Provide design and environmental support services for Phase 2 of the West Grand Avenue HOV/Bus Lane Extension project.
Project Cost Not to Exceed:	\$620,000 this amendment Total Contract before this amendment: \$2,698,000 Total Authorized Contract after this amendment: \$3,318,000
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 URS Corporation Americas to provide the consulting services described above and in the Operations Committee Summary Sheet dated January 10, 2020 and that the Chief Financial Officer is authorized to set aside \$620,000 for such amendment.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	Date: January 10, 2020



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

**File #:** 20-0041 **Version:** 1 **Name:**  
**Type:** Contract **Status:** Consent  
**File created:** 12/2/2019 **In control:** Operations Committee  
**On agenda:** 1/10/2020 **Final action:**  
**Title:** Project Awards and Contract Amendments - Program for Arterial System Synchronization (PASS)  
Fiscal Year 2019-20: Contract Amendments: i. Iteris Inc. (\$292,900); ii. Kimley-Horn and Associates, Inc. (\$304,300); and iii. TJKM Transportation Consultants (\$234,600)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4c\\_PASS Contract Amendments and Project Selection.pdf](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

### Subject:

Project Awards and Contract Amendments - Program for Arterial System Synchronization (PASS)  
Fiscal Year 2019-20: Contract Amendments: i. Iteris Inc. (\$292,900); ii. Kimley-Horn and Associates, Inc. (\$304,300); and iii. TJKM Transportation Consultants (\$234,600)

### Presenter:

Robert Rich

### Recommended Action:

Committee Approval

### Attachments:

# Metropolitan Transportation Commission Operations Committee

January 10, 2020

Agenda Item 4c

## **Project Awards and Contract Amendments – Program for Arterial System Synchronization (PASS) Fiscal Year 2019-20: Contract Amendments: i. Iteris Inc. (\$292,900); ii. Kimley-Horn and Associates, Inc. (\$304,300); and iii. TJKM Transportation Consultants (\$234,600)**

**Subject:** Project Awards – Program for Arterial System Synchronization (PASS) Fiscal Year 2019-20 Cycle of Projects; and Contract Amendments.

**Background:** The region's arterials carry heavy traffic and experience significant congestion during peak and non-peak periods. For approximately 25 years, MTC has been administering the PASS or similar service to provide technical assistance to Bay Area agencies to re-time traffic signals in order to improve traffic operations.

### **PASS FY 2019-20 Cycle of Projects**

On September 10, 2019, MTC issued PASS guidelines and subsequently received nine applications from local agencies that nominated one or more arterial corridors for signal timing technical assistance. Applications were received from jurisdictions in Alameda, Contra Costa, San Mateo and Santa Clara Counties. Staff evaluated each application against the following project evaluation criteria: 1) ability to meet PASS goals – improve travel time and travel time reliability, improve air quality, and improve safety for motorists, transit riders, pedestrians, and bicyclists; 2) project readiness; and 3) project management capacity.

Based on the evaluation, staff recommends approval of nine (9) applications covering 24 qualifying arterial corridors for the FY 2019-20 cycle, as identified in Attachment A.

### **Contract Amendments - PASS Technical Consultant Services:**

On August 23, 2019, MTC released a mini-Request for Qualifications (RFQ) to select consultants to provide technical assistance for the PASS FY 2019-20 Cycle. The mini-RFQ invited firms that were pre-qualified on the On-Call Transportation Planning and Engineering Services Bench under Service Category E: Arterial Operations, which was approved on June 10, 2016. Statements of Qualifications (SOQs) in response to the mini-RFQ were received from the following six consulting firms:

- DKS Associates
- HDR, Inc.
- Iteris, Inc.
- Kimley-Horn and Associates, Inc.
- Stantec Consult Ltd.
- TJKM Transportation Consultants

A review panel consisting of MTC staff evaluated the SOQs based on the qualifications of the firm's project manager and key staff, depth of resources and qualified staff, experience with Bay Area agencies, and specialized expertise in relevant topics. The panel recommended the following three firms: 1) Iteris, Inc., 2) Kimley-Horn and Associates, Inc., and 3) TJKM Transportation Consultants. Among the six firms that submitted SOQs, these three firms scored the highest in terms of qualifications among key staff, a depth of available resources within their project teams in relation to the services required, and amount of local experience.

Attachment B includes a summary of the contractors and their project teams' small business and disadvantaged business enterprise status.

**Issues:** None identified.

**Recommendation:** Staff recommends that this Committee approve the PASS FY 2019-20 Cycle of Projects listed in Attachment A. Staff also recommends that this Committee authorize the Executive Director or designee to negotiate and enter into contract amendments with the following consultants to provide technical assistance for the PASS projects through January 31, 2021: Iteris, Inc. (\$292,900); Kimley-Horn and Associates, Inc. (\$304,300); and TJKM Transportation Consultants (\$234,600).

**Attachments:** Attachment A: PASS Project Awards  
Attachment B: Selected Firms and their project teams' DBE and SBE status

  
Therese W. McMillan



**Project and Consultant Recommendations for Program for Arterial System Synchronization (PASS): FY 2019/20 Cycle of Projects**

#	County	Project Sponsor	Project Corridor(s) (# of signals)	# of Signals	Program Dollars by Project					Consultant
					Source		Expenditure		Total Budget	
					MTC PASS Grant	Local Match	Consultant Services	Hardware		
1	Contra Costa	City of Antioch	Lone Tree Way (30)	30	\$63,760	\$11,540	\$74,600	\$700	\$75,300	TJKM
2	Contra Costa	City of Concord	Ygnacio Valley Rd. (7), Port Chicago Highway (16), East St. (10)	33	\$74,513	\$16,687	\$89,100	\$2,100	\$91,200	TJKM
3	San Mateo	City of Daly City	John Daly Blvd. (8), Junipero Serra Blvd. 3), Serramonte Blvd. (5), Gellert Blvd. (1), Hickey Blvd. (4)	21	\$84,728	\$17,972	\$102,700	\$0	\$102,700	Kimley-Horn
4	Alameda	City of Fremont	Fremont Blvd. (8), Mowry Ave. (7), Stevenson Blvd. (7)	22	\$129,940	\$30,660	\$160,600	\$0	\$160,600	Iteris
5	Alameda	City of Livermore	Vasco Rd. (11), Railroad Ave. - Stanley Blvd. (12), First St. (9), Portola Ave. (3), Livermore Ave. (7)	42	\$95,350	\$18,250	\$113,600	\$0	\$113,600	Kimley-Horn
6	Santa Clara	City of Mountain View	Grand Rd. (8), Middlefield Rd. (14)	22	\$49,905	\$16,095	\$50,600	\$15,400	\$66,000	TJKM
7	Contra Costa	City of Pittsburg	East Leland Rd. (7)	7	\$16,748	\$3,552	\$20,300	\$0	\$20,300	TJKM
8	Santa Clara	City of Santa Clara	El Camino Real (18), Stevens Creek Blvd. (7)	25	\$112,455	\$19,845	\$132,300	\$0	\$132,300	Iteris
9	Contra Costa	City of Walnut Creek	Treat Blvd/Geary Blvd. (10), Oak Rd/N Civic Dr. (6), Oak Grove Rd. (4)	20	\$73,855	\$14,145	\$88,000	\$0	\$88,000	Kimley-Horn
Total				222	\$701,254	\$148,746	\$831,800	\$18,200	\$850,000	
Contingency (~10%)					\$71,000	n/a	n/a	n/a	\$71,000	
Total CY2020 PASS Program					\$772,254	\$148,746	\$831,800	\$18,200	\$921,000	

Small Business and Disadvantaged Business Enterprise Status

#	Firm	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
1	<i>Iteris, Inc. (Prime Contractor)</i>	<i>Analyze and execute signal retiming</i>			X			X
	<i>Traffic Research &amp; Analysis, Inc. (Subcontractor)</i>	<i>Traffic counts, "before" and "after" travel time studies</i>	X	8197				X
	<i>Wiltec (Subcontractor)</i>	<i>Traffic counts, "before" and "after" travel time studies</i>	X	8440				X
2	<i>Kimley-Horn and Associates, Inc. (Prime Contractor)</i>	<i>Analyze and execute signal retiming</i>			X			X
	<i>Wiltec (Subcontractor)</i>	<i>Traffic Counts</i>	X	8440				X
	<i>Traffic Research &amp; Analysis, Inc. (Subcontractor)</i>	<i>Traffic Counts</i>	X	8197				X
3	<i>TJKM Transportation Consultants (Prime Contractor)</i>	<i>Analyze and execute signal retiming</i>	X	40772				X

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Program of Projects

Work Item No.:	1234
Project Title:	Program for Arterial System Synchronization (PASS) FY 2019-20 Cycle of Projects
Cycle of Projects:	See Attachment A to the Operations Committee Summary Sheet dated January 10, 2020
Program Description:	A program that improves arterial operations by providing technical assistance to Bay Area agencies to re-time traffic signals to improve signal coordination.
Funds for Projects:	PASS FY 2019-20 = \$921,000 (Attachment A)
Funding Source:	STP = \$772,254 Local Match = \$148,746
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget.
Motion by Committee:	That the projects listed in Attachment A in the Operations Committee Summary Sheet dated January 10, 2020 for the FY 2019-20 PASS Cycle of Projects are approved.
Operations Committee:	
	<hr/> Dave Cortese, Chair
Approved:	Date: January 10, 2020

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract Amendments

Work Item No.:	1234
Consultant:	1) Iteris, Inc., Oakland, CA 2) Kimley-Horn and Associates, Inc., Pleasanton, CA 3) TJKM Transportation Consultants, Pleasanton, CA
Work Project Title:	Program for Arterial System Synchronization (PASS) FY 2019-20 Technical Consultant Services
Purpose of Project:	To provide traffic engineering assistance to Bay Area jurisdictions for re-timing and synchronizing their traffic signals.
Brief Scope of Work:	Analyze existing conditions, including data collection and development of computer models; develop new signal timing plans; implement and fine-tune timing plans; and conduct performance evaluations.
Project Cost Not to Exceed:	<u>Iteris, Inc.:</u> (\$292,900) (this amendment); \$1,691,571 (total authorized contract after this amendment). <u>Kimley-Horn and Associates, Inc.:</u> (\$304,300) (this amendment); \$3,968,500 (total authorized contract after this amendment). <u>TJKM Transportation Consultants:</u> (\$234,600) (this amendment); \$1,043,110 (total authorized contract after this amendment).
Funding Source:	STP: \$692,154 Local agency matching funds: \$139,646
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget
Motion by Committee:	That the Executive Director designee is authorized to negotiate and enter into contract amendments with the listed firms for a one-year period ending January 31, 2021 for the purposes described above and in the Operations Committee Summary Sheet dated January 10, 2020 and that the Chief Financial Officer is authorized to set aside funds for such contract amendments in the amounts set forth above.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	January 10, 2020



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

---

**File #:** 19-1392      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Committee Approval  
**File created:** 11/21/2019      **In control:** Operations Committee  
**On agenda:** 1/10/2020      **Final action:**  
**Title:** Contract - Vehicle Occupancy Verification Smartphone App Pilot - Outreach and Evaluation Services:  
Atkins North America, Inc. (\$245,000)

Request Committee approval of a contract with Atkins North America, Inc. (Atkins) in an amount not to exceed \$245,000 to provide outreach and evaluation services for a three-month pilot of smartphone app-based technology used to verify vehicle occupancy in an express lane.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [5a\\_Veh occupancy verification app pilot - outreach & eval services\\_Contract.pdf](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

**Subject:**

Contract - Vehicle Occupancy Verification Smartphone App Pilot - Outreach and Evaluation Services:  
Atkins North America, Inc. (\$245,000)

Request Committee approval of a contract with Atkins North America, Inc. (Atkins) in an amount not to exceed \$245,000 to provide outreach and evaluation services for a three-month pilot of smartphone app-based technology used to verify vehicle occupancy in an express lane.

**Presenter:**

Pierce Gould

**Recommended Action:**

Committee Approval

**Attachments:**

# Metropolitan Transportation Commission Operations Committee

January 10, 2020

Agenda Item 5a

## Contract – Vehicle Occupancy Verification Smartphone App Pilot - Outreach and Evaluation Services: Atkins North America, Inc. (\$245,000)

---

- Subject:** Request Committee approval of a contract with Atkins North America, Inc. (Atkins) in an amount not to exceed \$245,000 to provide outreach and evaluation services for a three-month pilot of smartphone app-based technology used to verify vehicle occupancy in an express lane.
- Background:** There are approximately 450 lane-miles of High Occupancy Vehicle (HOV) lanes in the region, of which about 70 lane-miles have been converted to express lanes to-date. There are plans to convert and construct many more lane-miles of express lanes to create a regional express lanes network of 600 lane-miles.

Ensuring adherence to vehicle occupancy requirements is critical to the operation of the facilities. Today occupancy declaration in the express lanes depends primarily on driver honesty, where drivers are required to use a FasTrak Flex® toll tag to indicate the number of people in a vehicle and determine whether the vehicle is toll-free or tolled. Occupancy enforcement for express lanes is currently done in person by the California Highway Patrol (CHP).

For the past several years, staff have been exploring additional methods of HOV occupancy enforcement, including the use of technology, and providing updates to this Committee on their progress. Most recently at the April 2019 meeting, staff reported plans to move forward with a short-term pilot to investigate the use of a smartphone app to indicate vehicle occupancy. Pilot participants/volunteers will be recruited to use an app (or follow the vendor's alternative approach for those without smartphones) and provide feedback. The objectives of the pilot are to gauge user acceptance and ease of use, assess privacy concerns, inform full deployment costs, and assess future customization opportunities. This pilot will include two competitive procurements – one for the app provider/vendor and one for a consultant to assist staff with outreach and post-pilot evaluation efforts. Staff anticipates bringing the selection of the app provider/vendor to the Committee for approval in early Spring 2020, while Committee approval for the consultant assistance is the subject of this item.

On October 19, 2019, MTC issued a Request for Proposal (RFP) to pre-qualified firms from the Electronic Payment Consultant Assistance Bench under Service Category E: Communications and Customer Information Services to provide outreach and evaluation services for the pilot. MTC received one proposal from Atkins. A panel comprised of MTC staff reviewed the proposal and evaluated it based on the firm's qualifications and experience, understanding and approach to completing the project, price, cost effectiveness, and written communication, in descending order of importance. Based upon the evaluation, the panel recommends the selection of the Atkins team, as they have relevant and similar experience testing this type of technology in other areas, have demonstrated a clear understanding of the project and its objectives, and provided a detailed work

plan to complete the project. From its work on similar projects, Atkins will be able to apply valuable lessons learned to our project.

Under the contract, Atkins will be responsible for the development and execution of a pilot participant recruitment/outreach plan; development of online surveys, orientation video script, FAQs, and outreach materials; development of an evaluation plan; design, coordination, and facilitation of post-pilot focus group discussions; and a post-pilot evaluation.

Attachment A includes a summary of Atkins and its project team's small business and disadvantaged business enterprise status.

**Issues:** None identified.

**Recommendation:** Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract with Atkins North America, Inc. in an amount not to exceed \$245,000 to provide outreach and evaluation services for a pilot of smartphone app-based technology to verify vehicle occupancy in an express lane.

**Attachments:** Attachment A: Atkins North America, Inc. and its subcontractor's DBE / SBE Status

  
Therese W. McMillan

**Operations Committee  
January 10, 2020**

**Attachment A  
Agenda Item 5a**

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	Atkins North America, Inc.	Project Management			No			No
Subcontractor	VRPA Technologies, Inc.	Public Outreach and Engagement	Yes	12213				No

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.



## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract

Work Item No.:	6840
Consultant:	Atkins North America, Inc. Oakland, CA
Work Project Title:	Vehicle Occupancy Enforcement Smartphone App Pilot - Outreach and Evaluation Services
Purpose of Project:	Provide outreach and evaluation services for a three-month pilot of smartphone app-based technology that will be used to indicate vehicle occupancy in an express lane.
Brief Scope of Work:	Develop and execute a pilot program plan, outreach/recruitment plan, and evaluation plan; create outreach materials; provide volunteer assistance throughout duration of pilot; disseminate incentives; conduct focus groups; analyze evaluation results; and prepare final evaluation report.
Project Cost Not to Exceed:	\$245,000
Funding Source:	SAFE
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 with Atkins North America, Inc. to provide outreach and evaluation services for an app-based vehicle occupancy verification pilot described above and in the Operations Committee Summary Sheet dated January 10, 2020 and that the Chief Financial Officer is authorized to set aside \$245,000 for such contract.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	January 10, 2020