

EXHIBIT A

Scope of Work and Schedule

Breakdown of Regional Traffic Counts Program

QUANTITY	TYPE	FREQUENCY
168	Vehicle Counts	Bi-annually
7	Bicycle and Pedestrian Counts	Annually (2021 and 2022)

The Consultant can propose a blend of count technology that will be most efficient and cost-effective in collecting vehicle counts and bicycle and/or pedestrian counts.

Tasks to be performed by the Consultant:

Task 1

Bi-directional traffic volume of two-day duration (Tuesday, Wednesday, and/or Thursday), recorded at 15-minute intervals, midnight to midnight, at locations provided by TAMC, with all counts taken according to the frequency above or as directed by TAMC staff.

Task 2

Bicycle and pedestrian counts of a one-day duration (Tuesday, Wednesday, or Thursday), recorded at 15-minute intervals, midnight to midnight, at all locations provided by TAMC, with all counts taken according to the frequency above or as directed by TAMC staff.

Task 3

Collection of latitude and longitude data at each count location.

Task 4

Notify the designated officials at the local jurisdictions and/or the Department of Transportation prior to any counts being taken on their facilities. Arrange for encroachment permits for any counts on a state highway or within local jurisdictions requiring permits. The terms of the permits are to be complied with in full, and the original permit must be with the Consultant while work is being performed.

Deliverables

- **Data sets:** Traffic count data to be delivered electronically in Excel (.xlsx spreadsheet) format to TAMC staff, per the schedule below, alongside a PDF with graphics of the peak hour for all pedestrian and bicycle counts. Videos to be available upon request.
- **Summary sheet:** Traffic count data to be delivered electronically in Excel (.xlsx spreadsheet) format to TAMC staff, no later than one month after the end of each county cycle, for all locations including the following information: roadway segment, AM and PM peak hour count, total daily count, and coordinates.
- **Progress Report:** Summary of data collection to be delivered every two weeks until the project is complete.

Standards of Performance:

- The Consultant shall use all required safety equipment and shall perform all tasks following industry-standard safety procedures.
- Results should be consistent and accurate, subject to staff verification. Monitoring events should not include any state or federal holidays, and, if the quality of any monitoring event is degraded, in the sole judgement of TAMC, it shall be the responsibility of the contractor to repeat the volume count until the results are acceptable.
- Any situations that might result in invalid counts, such as detours and construction activities, should be immediately reported to TAMC for the purpose of rescheduling the monitoring tasks. TAMC will decide if circumstances warrant alteration of the existing traffic monitoring schedule.

Optional Tasks:

The Consultant may be asked to conduct the following optional tasks per TAMC Project Manager request:

- Additional counts of varying types, including but not limited to volume, classification, turning movement, Bluetooth, speed, video, ramp, etc., on an as-needed-basis, as directed by TAMC staff.
- Additional counts of varying types as requested by other TAMC member entities, as directed by TAMC staff. These counts will be invoiced separately from TAMC's traffic counts but shall be conducted at the same rates as set forth herein.

Schedule

							Key			
							Deploy			
							Check			
							Pick Up			
							Management Project Coordinators			
March April		Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Counters	Cameras
Week 1	PCs	Map	Monitor Kap.	Monitor Kap.	Monitor Kap.		Update TAMC			
	Team 1		20 Counters	20 Counters	7 Cameras		40 Counters	7 Cameras	40	7
	Team 2		20 Counters	20 Counters	80 Counters		40 Counters		40	
Week 2	PCs		Process Week 1	QC Week 1	Deliver Week 1		Update TAMC			
	Team 1		20 Counters	20 Counters	Camera Resets		40 Counters		40	Resets
	Team 2		20 Counters	20 Counters	80 Counters		40 Counters		40	
Week 3	PCs		Process Week 2	QC Week 2	Deliver Week 2		Update TAMC			
	Team 1		20 Counters	20 Counters	40 Counters		40 Counters		40	
	Team 2		20 Counters	20 Counters	40 Counters		40 Counters		40	
Week 4	PCs		Process Week 3	QC Week 3	Deliver Week 3		Process/QC Week 4	Deliver Week 4		
	Team 1		12 Counters	Resets	12 Resets		12 Resets		12 Resets	
	Team 2		Counter Resets	Counter Resets	Counter Resets				Resets	
Aug. Sept.		Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Counters	Cameras
Week 1	PCs	Map	Monitor Kap.	Monitor Kap.	Monitor Kap.		Update TAMC			
	Team 1		20 Counters	20 Counters	7 Cameras		40 Counters	7 Cameras	40	7
	Team 2		20 Counters	20 Counters	80 Counters		40 Counters		40	
Week 2	PCs		Process Week 1	QC Week 1	Deliver Week 1		Update TAMC			
	Team 1		20 Counters	20 Counters	Camera Resets		40 Counters		40	Resets

	Team 2		20 Counters	20 Counters	80 Counters		40 Counters		40	
Week 3	PCs		Process Week 2	QC Week 2	Deliver Week 2		Update TAMC			
	Team 1		20 Counters	20 Counters	40 Counters		40 Counters		40	
	Team 2		20 Counters	20 Counters	40 Counters		40 Counters		40	
Week 4	PCs		Process Week 3	QC Week 3	Deliver Week 3		Process/QC Week 4	Deliver Week 4		
	Team 1		12 Counters	Resets	12 Resets		12 Resets		12 Resets	
	Team 2		Counter Resets	Counter Resets	Counter Resets				Resets	
							Total		504	14

EXHIBIT B

Budget

Overall Project Budget

The overall project budget for this three-year (2020, 2021, 2022) traffic counts project is \$91,056.

Cost Proposal							
Scope	March or April	August or September	Unit Price	2020	2021	2022	Cost
Bi-Directional Volume Counts 48HR (Double Tubes)	168	168	\$87	\$29,232	\$29,232	\$29,232	\$87,696
Bicycle and Pedestrian Counts 24HR (Video)	2021: 7 2022: 7		\$240	\$0	\$1,680	\$1,680	\$3,360
					Total Cost		\$91,056

A “Unit Price” for bi-directional volume counts is the price of a single location for the period of time specified where a location will require two (2) units/machines to install and collect the data to guarantee the highest degree of accuracy possible.

A “Unit Price” for bicycle and pedestrian counts is the price of a single location for the period of time specified where a location will require one (1) video camera to collect the data and staff time to manually count out the videos to guarantee the highest degree of accuracy possible.

Optional Tasks:

Any additional counts shall only occur as directed by the TAMC Project Manager in writing. Prices below are for individual or small orders. Larger volumes can result in unit-price decrease. All data is guaranteed and will be recollected immediately if there are any issues. Standard turnaround time is (2) business days after collection and there is a \$300 minimum per request.

Additional services to be provided by the Consultant include:

VIDEO:

TURNING MOVEMENT COUNTS (FULL TMC):

STANDARD:	\$65/HOUR
ROUNDBOUTS:	\$125/HOUR
DRIVEWAY IN/OUTS:	\$45/HOUR
BIKE/PED COUNTS:	\$40/HOUR

TUBES:	24-HR	72-HR	7-DAY
ROADWAY SEGMENTS COUNTS:			
VOLUME ONLY (ADT):	\$150	\$250	\$350
SPEED/CLASS/VOLUME COUNTS:	\$200	\$300	\$400
ORIGIN/DESTINATION STUDIES (OD STUDIES):			
BLUETOOTH/WIFI:		\$1000/WEEK/STATION	
LICENSE PLATE:		\$135/CAMERA/HOUR	
TRAVEL TIME STUDIES:			
BLUETOOTH:		\$1000/WEEK/STATION	
FLOATING CAR:		\$100/HOUR	
<i>NOTE: MINIMUM OF 6 HOURS FOR FLOATING CAR</i>			
GENERAL VIDEO SURVEILLANCE:			
VIDEO ONLY:		\$300/DAY/CAMERA	
REDUCTION ONLY:		BID ON INDIVIDUAL BASIS	
PARKING OCCUPANCY/DURATION:		BID ON INDIVIDUAL BASIS	
ASSET INVENTORY:		BID ON INDIVIDUAL BASIS	

TAMC Traffic Count Locations:

Traffic Count Location Database ID#	Jurisdiction	Street	Cross Street
1	Salinas	Main St	US-I01 & Bernal Dr
2	Monterey	Lighthouse Ave	Pacific Ave & Foam St
3	Monterey	Lighthouse Ave	Private Bolio Rd & Reeside Ave
4	Salinas	Main St	Market St & Lake St
5	Monterey	Lighthouse Ave	Del Monte Ave & Tunnel
6	Salinas	Natividad Rd	E Laurel Dr & Sorrentini Dr
7	Monterey	Del Monte Ave	Camino El Estero & Camino Aguajito
8	County of Monterey	Davis Rd	Hwy 183 & Rossi St
9	Salinas	Sanborn Rd	Work St/Tervan Ave & Elvee Dr

10	Monterey	Fremont St	btwn Camino El Estero & Camino Aguajito
11	Salinas	Market St/Sherwood Dr	Front St & Market Way
12	Salinas	Boronda Rd	US 101 & Main St
13	Salinas	Main St	Pajaro River Bridge
14	Salinas	N Davis Rd	Post Dr & Laurel Dr
15	Salinas	Sanborn Rd	btwn US-101 & John St
17	Salinas	N Main St	btwn E Boronda Rd & San Juan Grade Rd
18	County of Monterey	Blanco Rd	Hitchcock Rd & Davis Rd
19	Marina	Reservation Rd	Imjin Pkwy & Blanco Rd
20	Seaside	Fremont St	Cassanova & Canyon Del Rey
21	Seaside	Del Monte Ave	Roberts Ave & Canyon Del Rey Blvd
22	Monterey	Munras Ave	btwn Soledad Dr & Via Buena Vista
23	Salinas	N Boronda Rd	btwn Davis Rd & US-101
24	Salinas	John St	btwn Abbott St & Work St
25	County of Monterey	Blanco Rd	btwn Main St & Pajaro ST
26	Seaside	Del Monte Blvd	SR-218/Canyon Del Rey Blvd & Palm Ave
27	Marina	Imjin Parkway	SR 1 & 2nd Ave
29	Salinas	Laurel Dr	US 101 & Adams St
30	Monterey	Fremont Blvd	btwn SR-1 NB on-ramp & Del Monte Ave
31	Marina	Del Monte Blvd	SR-1 & Reindollar Ave
32	Salinas	E Boronda Rd	btwn N Main St & San Juan Grade Rd
33	Salinas	Sherwood Dr	btwn US-101 & Sherwood Pl
35	Salinas	Alisal St	btwn US-101 & Kern St
36	Salinas	N Sanborn Rd	Laurel Dr & Acosta St
37	Salinas	Laurel Dr	Ranch View Ln & Constitution Blvd
38	Salinas	Blanco Rd	Gabilan Park & Abbott St
39	Salinas	Laurel Dr	US 101 & N Davis Rd
41	Salinas	Abbott St	Blanco Rd/Sanborn & Merrill St
42	Salinas	Market St	btwn US-101 & Kern St
43	Salinas	Blanco Rd	btwn SR-68/S Main St & Padre Dr
44	Monterey County	Carmel Valley Rd	btwn Rio Vista Dr & Via Mallorca
45	Marina	Imjin Parkway	Reservation Rd & Preston Dr
46	Seaside	Fremont Blvd	btwn SR-218 Canyon Del Rey & Portola Dr
47	County of Monterey	Blanco Rd	btwn Davis Rd & W Alisal St
48	Marina	Reservation Rd	Del Monte Ave & Vista Del Camino

49	Marina	Imjin Parkway	4th Ave & California Ave
50	Salinas	E Market St	btwn Sun St & Griffin St
51	Monterey	N Fremont St	btwn Palo Verde & Dela Rosa Ave
53	Salinas	E Market St	Short St & Division St
54	Salinas	E Boronda Rd	btwn Natividad Rd & El Dorado Dr
55	Monterey County	Carmel Valley Blvd	btwn Pacific Meadows Ln & Del Mesa Dr
56	Salinas	Alisal St	btwn Front St & Prader St
57	Salinas	Airport Blvd	Terven Ave & Hansen St
58	Salinas	Abbott St	Harkins Rd & Harris Rd
59	Salinas	John St	btwn US-101 & Wood St
60	Monterey County	Carmel Valley Rd	btwn Valley Greens Dr & Williams Ranch Rd
61	Salinas	Front St	btwn Abbott St & San Luis St
62	Marina	Lightfighter Dr	btwn SR 1 & 1st Ave
63	Salinas	Natividad Rd	btwn Los Coches Ave & Emerald Way
64	Monterey	Soledad Dr	btwn Pacific St & Munras Ave
65	Monterey	Fremont St	btwn Abrego St & Munras Ave
66	Seaside	Broadway Ave	btwn Fremont Blvd & Terrace Ave
67	Monterey	Foam St	btwn Lighthouse Ave & Reeside Ave
68	Salinas	Salinas St	btwn SR-183/W Market St & Central Ave
69	Salinas	Williams Rd	Freedom Parkway & Del Monte Ave
70	Salinas	Monterey St	btwn E Market St & Gabilan St
71	Monterey	Abrego St	btwn El Dorado St & Fremont St
72	Salinas	Boronda Rd	Rider Ave & Constitution Blvd
73	Monterey County	San Miguel Cyn Rd	Woodland Hills Ln & Charles Schell Ln
74	Marina	Reservation Rd	SR 1 & Cardoza Ave
75	Salinas	San Juan Grade	btwn Russell Rd & Newlyn St
76	Salinas	John St	btwn Main St & Pajaro St
77	County of Monterey	Ocean Ave	btwn SR-1 & Hatton Rd
79	Monterey	Camino El Estero	Fremont St & Webster St
80	Monterey	Hawthorne St	btwn David Ave & Eardley Ave
81	Salinas	Airport Blvd	btwn US-101 and Moffett St
82	Sand City	La Playa Ave	btwn Del Monte Ave & California Ave
84	Monterey	Pacific St	btwn Sloat Ave & Lighthouse Curve
85	Monterey	Camino Aguajito	btwn 10th St and Fremont St
86	Salinas	Wood St	btwn US 101 & John St
87	Monterey County	Carmel Valley Rd	btwn Scarlett Rd & Rancho Fiesta Rd
88	Monterey	Camino Aguajito	Glenwood Circle & SR-1 SB On-ramp

90	Salinas	Central Ave	btwn David Ave & Dewey Ave
91	Salinas	John St	btwn Main St & Salinas St
92	Salinas	N Main St	btwn E Boronda Rd & Russell Rd
93	Monterey County	San Juan Rd	Corey Rd & Carpenteria Rd
94	Monterey	Franklin St	Tyler St & Washington St
95	Monterey	David Ave	btwn SR-68 & Ransford Ave
96	Pacific Grove	Forest Ave	btwn SR-68 & Beaumont Ave
97	Monterey	David Ave	btwn Lighthouse Ave & Foam St
98	Marina	Gen Jim Moore Blvd	btwn Lightfighter Dr & Gigling Rd
100	Salinas	E Alisal St	Tampa St & Fern St
101	Salinas	Romie Ln	btwn Main St & Pajaro St
102	Salinas	Bardin Rd	btwn Williams Rd & Cross Ave
103	Salinas	Freedom Pkwy	Constitution Blvd & Nogal Dr
104	Salinas	E Laurel Dr	N Sanborn Rd & Towt St
105	Salinas	Russell Rd	btwn US-101 & Harrison Rd
106	Monterey	Franklin St	Pierce St and Pacific St
107	Pacific Grove	Lighthouse Ave	btwn 17th & 18th
108	Salinas	Natividad Rd	btwn Boronda Rd & Rogge Rd
109	Pacific Grove	David Ave	btwn SR-68 & Seaview Ave
110	Pacific Grove	Lighthouse Ave	btwn Fountain Ave & Grand Ave
111	Monterey County	Reservation Rd	btwn Watkins Gate & Davis Rd
112	Seaside	Gen Jim Moore Blvd	Coe Ave & Broadway Ave
113	Monterey County	Davis Rd	btwn Hitchcock Rd & Blanco Rd
114	Seaside	Broadway Ave	General Jim Moore Blvd & Mescal St
115	Seaside	Gen Jim Moore Blvd	Coe Ave & McClure Way
116	Monterey County	Metz Rd	btwn Topo Rd & Hwy 146
117	Salinas	Russell Rd	btwn Bahia Ave & Van Buren Ave
118	Salinas	San Juan Grade Rd	btwn N Main St & E Boronda Rd
119	Seaside	Gen Jim Moore Blvd	btwn Lightfighter Dr & 1st St
120	Seaside	Gen Jim Moore Blvd	South Boundary Rd & Broadway Ave
121	Salinas	Griffin St	btwn Rianda St & Neil St
122	Monterey County	Castroville Blvd	Cielo Azul & Los Ninos Pl
123	Salinas	Alisal St	btwn Bardin Rd & Hartnell Rd
124	Salinas	Pajaro St	btwn John St & San Luis St
125	Marina	Reindollar Ave	btwn Del Monte Blvd & Sunset Ave
126	Pacific Grove	Presidio Blvd	btwn SR-68 Holman Hwy & Austin Ave
127	Monterey County	Laureless Grade	btwn Southview Ln & Camino Escondido Rd

128	Pacific Grove	Lighthouse Ave	btwn Alder St & Bentley St
130	Monterey	Pearl St	Camino El Estero & Camino Aguajito
131	Del Rey Oaks	Gen Jim Moore Blvd	SR-218/Canyon Del Rey Rd & South Boundary Rd
132	Salinas	Las Casitas Dr	Ranchero Dr & Constitution Blvd
133	Monterey County	Harkins Rd	Hunter Ln & Nutting St
134	Marina	California Ave	btwn Imjin Pkwy & Reindollar Ave
135	Salinas	San Juan Grade/Salinas Rd	btwn Crazy Horse & The Alameda
136	Monterey County	Dolan Rd	btwn Trail Dr & Dolan Pl
137	Monterey County	Crazy Horse Canyon Rd	btwn San Juan Grrade & Hidden Canyon Rd
138	Salinas	Monterey St	btwn John St & San Luis St
139	Marina	Del Monte Blvd	btwn Paul Davis Dr & Lapis Rd
140	Salinas	Iverson St	btwn Blanco Rd & Woodside Dr
141	Monterey County	Nashua Rd	btwn Cooper Rd & Hwy 1
142	Monterey County	Harrison Rd	btwn Russell Rd & Easy St
143	Salinas	San Joaquin St	btwn Main St & Pajaro St
144	Monterey County	Murphy Rd	Pajaro River bridge
145	Monterey County	River Rd	btwn Chualar River Rd & Parker Rd
146	Monterey County	Central Ave	btwn Thompson Canyon Rd & Teague Ave
147	Salinas	Williams Rd	Boronda Rd & Old Stage Rd
148	Seaside	Monterey Rd	Buna Rd & Bougainville Rd
149	Monterey County	Old Stage Rd	btwn Chualar Rd & Goat Rd
150	Marina	2nd Ave	btwn Imjin Pkwy & 10th St
151	Monterey County	Jolon Rd	btwn San Lucas Rd & Jolon Dump Rd
153	Monterey	Glenwood Cir	Iris Canyon Rd & Aguajito Rd
154	Monterey	Private Bolio Rd	btwn Hawthorne St & Lighthouse Ave
155	Marina	2nd Ave	btwn Lightfighter Dr and 1st St
156	Salinas	E Acacia St	btwn Main St & Pajaro St
157	Monterey County	Carpenteria Rd	Greenleaf Dr & Snyder Ave
158	Monterey County	Blackie Rd	Commerical Pkwy & Moro Ter.
159	Salinas	California St	btwn John St & San Luis St
160	Monterey County	Bitterwater/King City Rd	btwn Metz Rd & Hwy 25
161	Monterey County	Arroyo Seco Rd	btwn Thorne Rd & Clark Rd
162	Monterey County	Maher Rd	Padilla Pl & Little Hill Ln
163	Monterey County	Carpenteria Rd	Pajaro River bridge
164	Monterey County	Elkhorn Rd	Campagna Way & Kirby Rd
165	Monterey County	Ft. Romie Rd	btwn Camphora Rd & Puma Rd
166	Monterey County	Metz Rd	btwn Spreckles Rd & Elm Ave (Greenfield)

167	Monterey	Via Lavendera	Fishnet Rd & Glenwood Cir
168	Monterey County	Aguajito Rd	btwn Loma Alta Rd & Monhollan Rd
169	Salinas	Chestnut St	btwn Main St & Pajaro ST
170	Salinas	Soledad St	btwn John St & San Luis St
171	Gonzales	Fanoe Rd	Rhone Way & Fanoe Rd
172	Gonzales	Johnson Canyon Rd	Fanoe Rd & Herold Pkwy
173	Gonzales	5 th St	East of US 101N onramp
174	Gonzales	5 th St	West of US101S onramp
175	Gonzales	Alta St	Btwn N Alta Rd & 10 th St
176	Gonzales	S Alta St	at S. Alta St & Gloria Ct
177	Gonzales	Gonzales River Rd	Btwn Puente Del Monte Ave & Gonzales River Rd
178	Seaside	Del Monte Blvd	Btwn Tioga Ave & Afton Ave
179	Seaside	Gigling Rd	Btwn General Jim Moore Blvd & Malmedy Rd