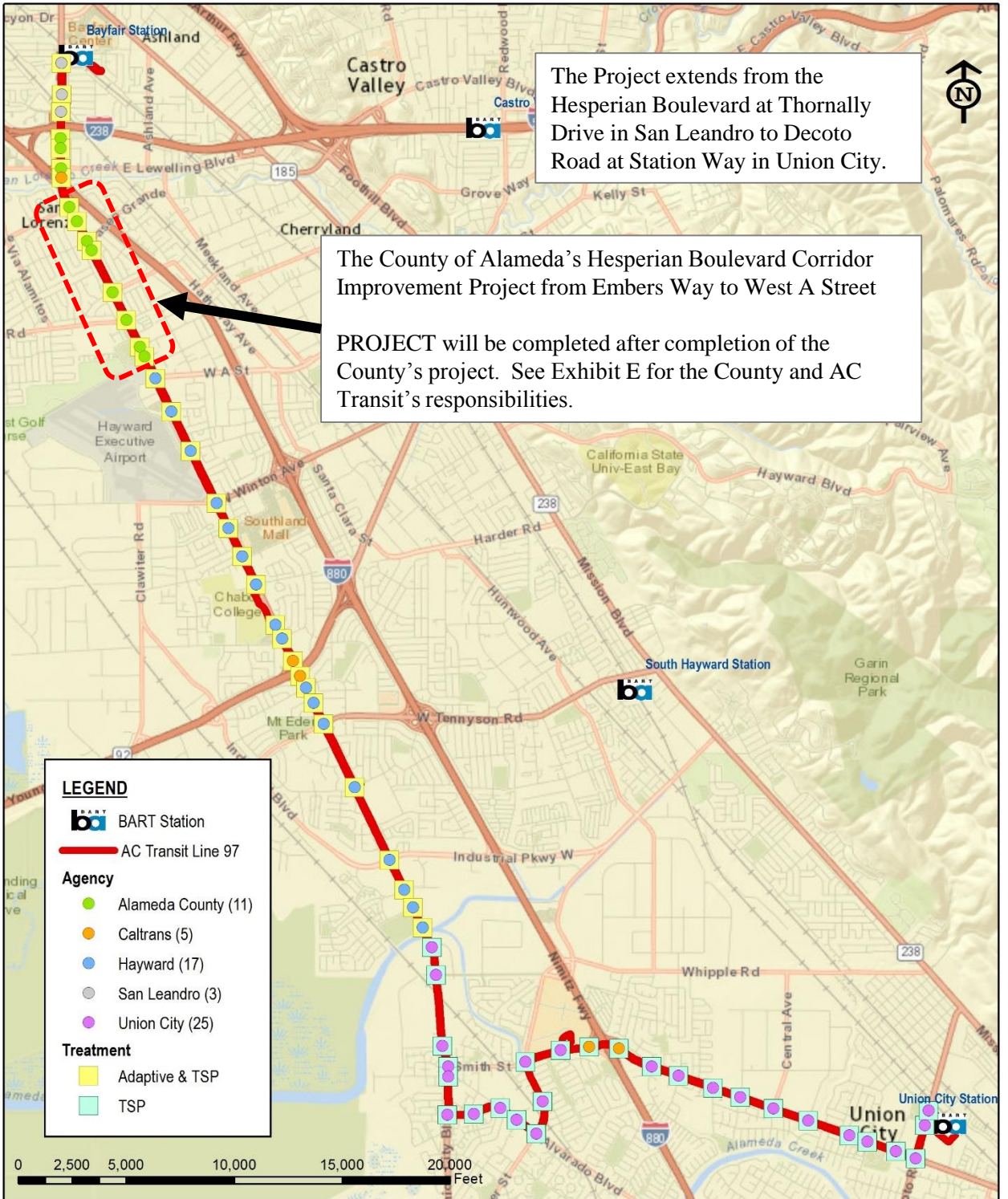


COOPERATIVE AGREEMENT BETWEEN THE STAKEHOLDER AGENCY AND AC TRANSIT FOR DESIGN, CONSTRUCTION, OPERATIONS, AND MAINTENANCE OF THE SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT

Exhibit A: Project Location



**COOPERATIVE AGREEMENT
 BETWEEN THE STAKEHOLDER AGENCY AND AC TRANSIT FOR DESIGN, CONSTRUCTION, OPERATIONS AND MAINTENANCE OF THE
 SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT**

Exhibit B, Table 1

NO.	LOCATION	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)	Controllers	Communication	Detection (1)	TSP (2)	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)
1	HESPERIAN BLVD AT THORNALLY DR/BART	SAN LEANDRO		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	SAN LEANDRO
2	HESPERIAN BLVD AT DREW ST	SAN LEANDRO		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	SAN LEANDRO
3	HESPERIAN BLVD AT SPRINGLAKE DR	SAN LEANDRO		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	SAN LEANDRO
4	HESPERIAN BLVD AT COLLEGE ST/I-238 EB RAMP	CALTRANS / ALAMEDA COUNTY	ALAMEDA COUNTY	Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
5	HESPERIAN BLVD AT SYCAMORE ST	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
6	HESPERIAN BLVD AT LEWELLING BLVD	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
7	HESPERIAN BLVD AT I-880 NB OFF-RAMP	CALTRANS		Type 2070 controller with TSCP software (3)	Network edge switch and GPRS modem (4)	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	CALTRANS
8	HESPERIAN BLVD AT GRANT AVE/I-880 SB ON-RAMP	CALTRANS / ALAMEDA COUNTY	ALAMEDA COUNTY	Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
9	HESPERIAN BLVD AT POST OFFICE RD	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
10	HESPERIAN BLVD AT PASEO GRANDE	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
11	HESPERIAN BLVD AT VIA MERCADO	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
12	HESPERIAN BLVD AT HACIENDA AVE	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
13	HESPERIAN BLVD AT BOCKMAN RD	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
14	HESPERIAN BLVD AT BARTLETT AVE	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
15	HESPERIAN BLVD AT GOLF COURSE RD	ALAMEDA COUNTY		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	ALAMEDA COUNTY
16	HESPERIAN BLVD AT W. A ST	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
17	HESPERIAN BLVD AT SUEIRRO ST	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
18	HESPERIAN BLVD AT SKYWEST DR/LONGWOOD AVE	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
19	HESPERIAN BLVD AT WINTON AVE	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
20	HESPERIAN BLVD AT SOUTHLAND DR	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
21	HESPERIAN BLVD AT WEST ST - LA PLAYA DR	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
22	HESPERIAN BLVD AT TURNER CT	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
23	HESPERIAN BLVD AT CHABOT COLLEGE	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
24	HESPERIAN BLVD AT DEPOT RD/CATHY WAY	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
25	HESPERIAN BLVD AT SR-92 WB RAMPS	CALTRANS		Type 2070 controller with TSCP software (3)	Network edge switch and GPRS modem (4)	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	CALTRANS

**COOPERATIVE AGREEMENT
 BETWEEN THE STAKEHOLDER AGENCY AND AC TRANSIT FOR DESIGN, CONSTRUCTION, OPERATIONS AND MAINTENANCE OF THE
 SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT**

Exhibit B, Table 1

NO.	LOCATION	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)	Controllers	Communication	Detection (1)	TSP (2)	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)
26	HESPERIAN BLVD AT SR-92 EB RAMPS	CALTRANS		Type 2070 controller with TSCP software (3)	Network edge switch and GPRS modem (4)	Pavement loops/video detection system	GTT GPS equipment	AC TRANSIT	CALTRANS
27	HESPERIAN BLVD AT SLEEPY HOLLOW AVE	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
28	HESPERIAN BLVD AT ALDENGATE WAY	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
29	HESPERIAN BLVD AT TENNYSON RD	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
30	HESPERIAN BLVD AT ARF AVE/PANAMA ST	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
31	HESPERIAN BLVD AT INDUSTRIAL BLVD	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
32	HESPERIAN BLVD AT EDEN SHORES BLVD/TRIPALDI WAY	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
33	HESPERIAN BLVD AT EDEN PARK PL	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
34	HESPERIAN BLVD AT PEPSI	HAYWARD		Type 2070 controller with D4 software	Network edge switch	Pavement loops/video detection system	GTT GPS equipment	HAYWARD	HAYWARD
35	UNION CITY BLVD AT KOHOUTK WAY	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
36	UNION CITY BLVD AT WHIPPLE RD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
37	UNION CITY BLVD AT BETTENCOURT WAY	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
38	UNION CITY BLVD AT CAMBRIDGE WAY/SMITH ST	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
39	UNION CITY BLVD AT HORNER ST	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
40	UNION CITY BLVD AT ALVARADO BLVD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
41	ALVARADO BLVD AT FREDI ST	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
42	ALVARADO BLVD AT NEW HAVEN ST	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
43	ALVARADO BLVD AT FAIR RANCH RD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
44	ALVARADO BLVD AT DYER ST	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
45	DYER ST AT SANTA SUSANA WAY	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
46	DYER ST AT SMITH ST/ALVARADO-NILES RD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
47	ALVARADO-NILES RD AT UNION LANDING/SANTA MARIA DR	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
48	ALVARADO-NILES RD AT I-880 SB RAMPS	CALTRANS					GTT GPS equipment	AC TRANSIT	CALTRANS
49	ALVARADO-NILES RD AT I-880 NB RAMPS	CALTRANS					GTT GPS equipment	AC TRANSIT	CALTRANS
50	ALVARADO-NILES RD AT ALMADEN BLVD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
51	ALVARADO-NILES RD AT MEDALLION DR	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY

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Exhibit B, Table 1

NO.	LOCATION	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)	Controllers	Communication	Detection (1)	TSP (2)	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)
52	ALVARADO-NILES RD AT HOP RANCH RD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
53	ALVARADO-NILES RD AT DOWE AVE	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
54	ALVARADO-NILES RD AT CENTRAL AVE	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
55	ALVARADO-NILES RD AT WESTERN AVE	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
56	ALVARADO-NILES RD AT HARTNELL ST	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
57	ALVARADO-NILES RD AT H ST/ROYAL ANN DR	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
58	ALVARADO-NILES RD AT NIDUS CT/MEYERS DR	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
59	ALVARADO-NILES RD AT DECOTO RD	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
60	DECOTO RD AT UNION SQ/MEYERS DR	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY
61	DECOTO RD AT STATION WAY	UNION CITY					GTT GPS equipment	AC TRANSIT	UNION CITY

NOTE:

- (1) Detection includes either pavement loops, video detection system, or a combination of both.
- (2) GTT GPS equipment includes 764 phase selector, GPS radio antenna, cabling, and associated accessories. GTT GPS equipment in Hayward are provided by the City of Hayward through its leasing contract with GTT.
- (3) Caltrans will provide controllers for the intersections owned and operated by Caltrans.
- (4) Caltrans will provide GPRS modems for the intersections owned and operated by Caltrans.
- (5) The intersections 8 through 15 are located within the County's Hesperian Corridor Improvement Project. The County and AC Transit share responsibilities as summarized in Exhibit D.

COOPERATIVE AGREEMENT

BETWEEN THE STAKEHOLDER AGENCY AND AC TRANSIT FOR DESIGN, CONSTRUCTION, OPERATIONS AND MAINTENANCE OF THE SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT

Exhibit B, Table 2

NO.	AGENCY	ITEM	OWNED	MAINTAINED (IF DIFFERENT FROM OWNED)
1	CITY OF HAYWARD TMC	Adaptive Server #1	HAYWARD	
		Adaptive Workstation	HAYWARD	
		Adaptive System Central License (17 licenses)	HAYWARD	
		Network Security Appliance (Firewall)	HAYWARD	
		Communications Infrastructure (a)	HAYWARD	
2	CITY OF SAN LEANDRO TMC	Adaptive Server #2	SAN LEANDRO	
		Adaptive Workstation	SAN LEANDRO	
		Adaptive System Central License (3 licenses)	SAN LEANDRO	
		Network Security Appliance (Firewall)	SAN LEANDRO	
		Network Router	SAN LEANDRO	
		Communications Infrastructure (a)	SAN LEANDRO	
3	ALAMEDA COUNTY PUBLIC WORKS	Adaptive Workstation	ALAMEDA COUNTY	
		Adaptive System Central License (11 licenses) (b)	ALAMEDA COUNTY	
		Communications Infrastructure (a)	ALAMEDA COUNTY	
4	AC TRANSIT	Adaptive Workstation	AC TRANSIT	

NOTES:

- (a) Communications infrastructure includes conduit, pull boxes, termination panels, and cabling (SIC and/or fiber optic).
- (b) Adaptive System licenses for Alameda County and Caltrans will reside in Server #1 in Hayward or Server #2 in San Leandro.

**COOPERATIVE AGREEMENT
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 AND MAINTENANCE OF THE SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT**

Exhibit C: Inventory of Existing Bus Stop Amenities

Bus Stop Location			Transit Service Direction	Location	Amenities			
ID #	Street	Crossing Street			Shelter	Bench	Trash Can	Sign Post
1	Bayfair BART		Northbound & Southbound					
2	Hesperian Blvd	Thornally Dr	Southbound	San Leandro	-	-	1	1
3	Hesperian Blvd	Thornally Dr	Northbound	San Leandro	-	-	-	1
4	Hesperian Blvd	Drew St	Southbound	Alameda County	-	1	-	1
5	Hesperian Blvd	Drew St	Northbound	Alameda County	-	-	-	1
6	Hesperian Blvd	Springlake Dr	Southbound	Alameda County	-	-	-	1
7	Hesperian Blvd	Springlake Dr	Northbound	Alameda County	-	-	-	1
8	Hesperian Blvd	Sycamore St	Southbound	Alameda County	-	-	-	1
9	Hesperian Blvd	Sycamore St	Northbound	Alameda County	-	-	-	1
10	Hesperian Blvd	Grant St	Southbound	Alameda County	-	-	-	-
11	Hesperian Blvd	Grant St	Northbound	Alameda County	-	-	-	-
12	Hesperian Blvd	Paseo Grande	Southbound	Alameda County	-	-	-	-
13	Hesperian Blvd	Paseo Grande	Northbound	Alameda County	-	-	-	-
14	Hesperian Blvd	Hacienda Ave	Southbound	Alameda County	-	-	-	-
15	Hesperian Blvd	Hacienda Ave	Northbound	Alameda County	-	-	-	-
16	Hesperian Blvd	Bockman Rd	Southbound	Alameda County	-	-	-	-
17	Hesperian Blvd	Bockman Rd	Northbound	Alameda County	-	-	-	-
18	Hesperian Blvd	Bartlett Ave	Southbound	Alameda County	-	-	-	-
19	Hesperian Blvd	Bartlett Ave	Northbound	Alameda County	-	-	-	-
20	Hesperian Blvd	W Sunset Blvd	Northbound	Alameda County	-	-	-	-
21	Hesperian Blvd	A Street	Southbound	Hayward	1	-	1	1
22	Hesperian Blvd	A Street	Northbound	Hayward	1	-	1 (double bins)	1
23	Hesperian Blvd	Sueirro Street	Southbound	Hayward	-	-	-	1
24	Hesperian Blvd	Sueirro Street	Northbound	Hayward	-	-	-	1
25	Hesperian Blvd	Skywest Drive	Southbound	Hayward	1	-	-	1
26	Hesperian Blvd	Longwood/Skywest Drive	Northbound	Hayward	-	-	-	1
27	Hesperian Blvd	Winton Ave	Southbound	Hayward	1	-	-	1
28	Hesperian Blvd	Winton Ave	Northbound	Hayward	-	-	1	1
29	Hesperian Blvd	Southland Dr/Middle Lane	Southbound	Hayward	1	-	1	1
30	Hesperian Blvd	Southland Drive	Northbound	Hayward	1	-	-	1
31	Hesperian Blvd	La Playa Drive	Southbound	Hayward	-	-	1	1
32	Hesperian Blvd	West St	Northbound	Hayward	1	-	1 (double bins)	1
33	Chabot College		Northbound & Southbound	Hayward				
34	Hesperian Blvd	Turner Ct	Southbound	Hayward	-	-	-	1
35	Hesperian Blvd	Turner Ct	Northbound	Hayward	1	-	-	1
36	Hesperian Blvd	Cathy Way/Depot Road	Southbound	Hayward	1	-	-	1
37	Hesperian Blvd	Cathy Way/Depot Road	Northbound	Hayward	1	-	1	1
38	Hesperian Blvd	Sleepy Hollow Ave	Southbound	Hayward	1	-	-	1
39	Hesperian Blvd	Sleepy Hollow Ave	Northbound	Hayward	1	-	-	1
40	Hesperian Blvd	Tennyson Rd	Southbound	Hayward	1	-	1	1
41	Hesperian Blvd	Tennyson Rd	Northbound	Hayward	1	-	1 (double bins)	1
42	Hesperian Blvd	Bolero Ave	Southbound	Hayward	-	-	-	1
43	Hesperian Blvd	Bolero Ave	Northbound	Hayward	-	-	-	1
44	Hesperian Blvd	Oliver Dr	Southbound	Hayward	-	-	-	1
45	Hesperian Blvd	Oliver Dr	Southbound	Hayward	1	-	-	1
46	Hesperian Blvd	Arf Ave/Panama St	Southbound	Hayward	1	-	-	1
47	Hesperian Blvd	Arf Ave/Panama St	Northbound	Hayward	-	-	-	1
48	Hesperian Blvd	Tahoe Ave.	Southbound	Hayward	1	-	-	1
49	Hesperian Blvd	Tahoe Ave/Catalpa Way	Northbound	Hayward	1	-	1	1
50	Hesperian Blvd	Industrial Blvd Pkwy	Southbound	Hayward	-	-	-	1
51	Hesperian Blvd	Industrial Blvd Pkwy	Northbound	Hayward	-	-	-	1
52	Hesperian Blvd	S Pepsi Dr	Southbound	Hayward	-	-	-	1
53	Hesperian Blvd	Eden Park Pl	Northbound	Hayward	-	-	-	1
54	Union City Blvd	Kohoutek Way	Southbound	Union City	-	-	-	1

**COOPERATIVE AGREEMENT
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Exhibit C: Inventory of Existing Bus Stop Amenities

Bus Stop Location			Transit Service Direction	Location	Amenities			
ID #	Street	Crossing Street			Shelter	Bench	Trash Can	Sign Post
55	Union City Blvd	Kohoutek Way	Southbound	Union City	1	-	1	2
56	Union City Blvd	Kaiser Medical Offices	Northbound	Union City	-	-	-	1
57	Union City Blvd	Whipple Rd.	Southbound	Union City	-	-	-	1
58	Union City Blvd	Whipple Rd.	Northbound	Union City	-	-	-	1
59	Union City Blvd	Bettencourt Way	Southbound	Union City	-	-	-	1
60	Union City Blvd	Tara Ct.	Northbound	Union City	-	-	-	1
61	Union City Blvd	Bettencourt Way	Northbound	Union City	-	1	-	-
62	Union City Blvd	Smith St.	Northbound	Union City	-	-	-	1
63	Union City Blvd	Horner St.	Southbound	Union City	-	-	-	1
64	Union City Blvd	Horner St.	Northbound	Union City	-	-	-	1
65	Alvarado Blvd	Union City Blvd.	Southbound	Union City	-	-	-	1
66	Alvarado Blvd	Union City Blvd.	Northbound	Union City	-	-	-	1
67	Alvarado Blvd	Fredi St.	Southbound	Union City	1	-	1	1
68	Alvarado Blvd	Fredi St.	Northbound	Union City	-	-	-	2
69	Alvarado Blvd	New Haven St.	Southbound	Union City	-	-	-	2
70	Alvarado Blvd	New Haven St.	Northbound	Union City	1	-	1	2
71	Alvarado Blvd	Fair Ranch Rd.	Southbound	Union City	-	-	-	2
72	Alvarado Blvd	Fair Ranch Rd.	Northbound	Union City	-	-	-	1
73	Alvarado Blvd	Dyer St.	Southbound	Union City	1	-	1	2
74	Dyer St.	Alvarado Blvd.	Northbound	Union City	1	-	1	1
75	Dyer St.	Santa Susana Way	Southbound	Union City	-	-	-	1
76	Dyer St.	Santa Susana Way	Northbound	Union City	-	-	-	1
77	Dyer St.	San Carlos Way	Southbound	Union City	-	-	-	1
78	Dyer St.	Alvarado-Niles Rd	Northbound	Union City	-	1	1	1
79	Union Landing Transit Center		Northbound & Southbound	Union City	-	-	-	-
80	Alvarado-Niles Rd	Santa Maria Dr.	Northbound	Union City	1	-	1	1
81	Alvarado-Niles Rd	Almaden Blvd.	Southbound	Union City	1	-	1	2
82	Alvarado-Niles Rd	Almaden Blvd.	Northbound	Union City	1	-	1	1
83	Alvarado-Niles Rd	Medallion Dr.	Southbound	Union City	1	-	1	2
84	Alvarado-Niles Rd	Medallion Dr.	Northbound	Union City	-	1	1	2
85	Alvarado-Niles Rd	Hop Ranch Rd.	Southbound	Union City	1	-	1	1
86	Alvarado-Niles Rd	Hop Ranch Rd.	Northbound	Union City	-	-	-	2
87	Alvarado-Niles Rd	Dowe Ave	Southbound	Union City	-	-	-	2
88	Alvarado-Niles Rd	Dowe Ave	Northbound	Union City	-	-	-	2
89	Alvarado-Niles Rd	Central Ave	Southbound	Union City	-	1	1	1
90	Alvarado-Niles Rd	Central Ave	Northbound	Union City	-	-	-	1
91	Alvarado-Niles Rd	Western Ave	Southbound	Union City	-	-	-	2
92	Alvarado-Niles Rd	Western Ave	Northbound	Union City	1	-	1	2
93	Alvarado-Niles Rd	Hartnell St.	Southbound	Union City	-	-	-	2
94	Alvarado-Niles Rd	Hartnell St.	Northbound	Union City	-	-	1	2
95	Alvarado-Niles Rd	H St.	Southbound	Union City	-	-	1	2
96	Alvarado-Niles Rd	Royal Ann Dr	Northbound	Union City	2	-	1	2
97	Alvarado-Niles Rd	Meyers-Nidus	Southbound	Union City	-	1	1	2
98	Alvarado-Niles Rd	Meyers-Nidus	Northbound	Union City	1	-	1	1
99	Decoto Rd.	Meyers-Union Square	Southbound	Union City	-	-	-	1
100	Decoto Rd.	Meyers-Union Square	Northbound	Union City	1	1	1	1
101	Union City BART		Northbound & Southbound	Union City				

Notes:
 The project will not add any new amenities. The project will not change any operations and maintenance responsibilities of bus stop amenities.

**COOPERATIVE AGREEMENT
 BETWEEN THE STAKEHOLDER AGENCY AND AC TRANSIT FOR DESIGN, CONSTRUCTION, OPERATIONS
 AND MAINTENANCE OF THE SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT**

Exhibit C: Inventory of Existing Bus Stop Amenities

Bus Stop Location			Transit Service Direction	Location	Amenities			
ID #	Street	Crossing Street			Shelter	Bench	Trash Can	Sign Post
87	Alvarado-Niles Rd	Dowe Ave	Southbound	Union City	-	-	-	2
88	Alvarado-Niles Rd	Dowe Ave	Northbound	Union City	-	-	-	2
89	Alvarado-Niles Rd	Central Ave	Southbound	Union City	-	1	1	1
90	Alvarado-Niles Rd	Central Ave	Northbound	Union City	-	-	-	1
91	Alvarado-Niles Rd	Western Ave	Southbound	Union City	-	-	-	2
92	Alvarado-Niles Rd	Western Ave	Northbound	Union City	1	-	1	2
93	Alvarado-Niles Rd	Hartnell St.	Southbound	Union City	-	-	-	2
94	Alvarado-Niles Rd	Hartnell St.	Northbound	Union City	-	-	1	2
95	Alvarado-Niles Rd	H St.	Southbound	Union City	-	-	1	2
96	Alvarado-Niles Rd	Royal Ann Dr	Northbound	Union City	2	-	1	2
97	Alvarado-Niles Rd	Meyers-Nidus	Southbound	Union City	-	1	1	2
98	Alvarado-Niles Rd	Meyers-Nidus	Northbound	Union City	1	-	1	1
99	Decoto Rd.	Meyers-Union Square	Southbound	Union City	-	-	-	1
100	Decoto Rd.	Meyers-Union Square	Northbound	Union City	1	1	1	1
101	Union City BART		Northbound & Southbound	Union City				

Notes:

The project will not add any new amenities. The project will not change any operations and maintenance responsibilities of bus stop amenities.

COOPERATIVE AGREEMENT

BETWEEN THE STAKEHOLDER AGENCY AND AC TRANSIT FOR DESIGN, CONSTRUCTION, OPERATIONS AND MAINTENANCE OF THE SOUTH ALAMEDA COUNTY MAJOR CORRIDORS TRAVEL TIME IMPROVEMENT PROJECT

Exhibit E: SHARING RESPONSIBILITIES BETWEEN COUNTY OF ALAMEDA AND AC TRANSIT

<u>Item</u>	<u>Description</u>	<u>Responsibility</u>
1	Provide 8 - 2070 Signal Controllers w D4 Software & KITS/Kadence (adaptive) Licenses	100% AC Transit Project
2	Install 8 - 2070 Signal Controllers preloaded w D4 Software & KITS/Kadence (adaptive) Licenses	100% County Project
3	Provide & Install 8000' of Comm. Conduit (a)	100% County Project
4	Provide & Install 8000' of 48 strands of Fiber I/C	100% County Project
5	Provide 8 - Ethernet IP Fiber Switch comm. units	50%/50% Share
6	Provide 2 - Ethernet - over - Copper comm. units	50%/50% Share
7	Install 10 - Ethernet Comm. upgrade units	100% County Project
8	Consultant Extra Service for Phased Implementation/Deployment of Adaptive Signal System	100% AC Transit Project
9	Provide TSP Equipment for 8 Signalized Intersections	100% AC Transit Project
10	Install TSP Equipment for 8 Signalized Intersections	100% County Project
11	Provide & Install Adaptive System Detection Loops at 8 Signalized Intersections	100% County Project
12	Provide Adaptive/TSP System Corridor After Study for MTC Ultimate Project Report (b)	100% County Project

Note: All Systems Testing and Integration Included in County Project

(a) Trench dug and communication conduit provided and installed as part of County project.

(b) After Study performed by the County will be limited to County project boundaries, located within County R/W limits, and remain consistent with the same level of evaluation MTC performed on the rest of the corridor.