

Updated Draft Results for 2012 LOS Monitoring Study for Freeways - PM Peak Period													
CMP Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS "F" (Years)	2010 LOS Results		2012 LOS results			
	From	To						Speed	LOS	# Runs	Speed	LOS	
1	I-80 - EB	SF County Line	Toll Plaza	Oak	1	2.06	10	06	53.4	C	7	49.9	C
2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1	1.15	10	93-02,06, 08	54.2	C	7	25.4	(F30)
3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emery - Berk	1	0.79	10	91-95, 97-08, 10	16.58	(F20)	7	13.05	(F20)
4	I-80 - EB	Powell	Ashby	Emery - Berk	1	0.67	10	91-95, 97-08,10	11.68	(F20)	7	12.29	(F20)
5	I-80 - EB	Ashby	University	Emery - Berk	1	1.34	10	91-95, 97-08	31.74	E	7	25.72	(F30)
6	I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1	1.51	10	91-92, 96-97,02,06	44.8	D	7	33.5	E
7	I-80 - EB	Jct I-580 (off)	Central (on)	Berk - Alb	1	1.12	10	91-92, 96-97,02,06-08	39.1	E	7	27.7	(F30)
8	I-80 - WB	Central	Jct I-580	Berk - Alb	1	0.70	10		46.7	D	6	52.0	C
9	I-80 - WB	Jct I-580	University	Berk - Alb	1	1.49	10	10	23.7	(F30)	6	28.7	(F30)
10	I-80 - WB	University	Ashby	Emery - Berk	1	1.36	10	91-92, 94-'06'10	24.7	(F30)	6	23.3	(F30)
11	I-80 - WB	Ashby	Powell	Emery - Berk	1	0.64	10	91-92, 94-08,10	16.6	(F20)	6	15.5	(F20)
12	I-80 - WB	Powell	I-80/I-580 (Split)	Emery - Berk	1	0.42	10	91-92, 94-'06	31.7	E	6	28.0	(F30)
13	I-80 - WB	I-580 Split	Toll Plaza	Oak	1	1.20	10	91-'93, '97-'00,04,06	41.7	D	6	39.4	E
14	I-80 - WB	Toll Plaza	SF County	Oak	1	2.00	10		41.5	D	6	40.9	E
15	I-238 - EB	I-880	I-580	Uninc-San L	2	2.28	6	91-92,94,96-97,02,06	62.3	A	7	37.4	E
16	I-238 - WB	I-580	I-880	Uninc-San L	2	1.60	6	97-'08	61.8	A	7	52.1	C
17	I-580 - EB	I-238/Fthl Off	Grove	Unincorp	2	2.88	8		56.4	B	9	51.9	C
18	I-580 EB	Grove	Eden Canyon	Uninc - Pleas	4	2.17	8		72.9	A	9	57.9	B
19	I-580 EB	Eden Canyon	San Ramon/ Foothill	Uninc - Pleas	4	4.80	8		38.3	E	9	50.5	C
20	I-580 EB	San Ramon/ Foothill	I-680	Uninc - Pleas	4	0.77	8	08,10	13.6	(F20)	9	37.5	E
21	I-580 EB	I-680	Hopyard	Plea	4	0.76	8	98-'02,06-08,10	8.7	(F10)	5	52.0	C
22	I-580 EB	Hopyard	Santa Rita	Plea	4	1.96	8	98-'02,06-08,10	10.8	(F20)	5	33.4	E
23	I-580 EB	Santa Rita	El Charro	Uninc-Pleas	4	1.24	8	02, 08,10	22.3	(F30)	5	42.7	D
24	I-580 EB	El Charro	SR 84/Airway Blvd.	Liv	4	1.52	8	02	41.1	D	5	57.6	B
25	I-580 EB	SR 84/Airway Blvd.	Portola	Liv	4	1.71	8	02	53.5	C	6	59.9	B
26	I-580 - EB	Portola	1st St	Liv	4	2.70	8	02	66.3	A	6	65.1	A
27	I-580 - EB	1st St	Greenville	Liv-Uninc	4	1.98	8		56.0	B	6	38.8	E
28	I-580 - EB	Greenville	N.Flynn	Uninc	4	1.50	8		35.4	E	6	24.7	(F30)
29	I-580 - EB	N.Flynn	Grant Line	Uninc	4	3.19	8		47.2	D	6	37.1	E
30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Uninc	4	1.11	8		45.6	D	6	41.1	D
31	I-580 - WB	I-205 (SJ Co)	Grant Line	Liv - Uninc	4	0.89	8		38.0	E	6	37.1	E
32	I-580 - WB	Grant Line	N Flynn	Liv - Uninc	4	4.56	8		68.3	A	6	69.0	A
33	I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	4	2.34	8		66.8	A	6	68.0	A
34	I-580 - WB	Greenville Rd	1st St	Liv - Uninc	4	2.30	8		66.6	A	6	66.2	A
35	I-580 - WB	1st St	Portola Ave	Liv	4	2.52	8		63.7	A	6	63.4	A
36	I-580 - WB	Portola	SR 84/Airway Blvd	Liv	4	1.76	8		70.1	A	6	69.6	A
37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Liv	4	1.78	8		72.1	A	6	68.4	A
38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Plea	4	1.16	8		64.8	A	6	61.3	A
39	I-580 - WB	Tassajara Rd	I-680	Plea	4	2.87	8		67.2	A	6	62.1	A
40	I-580 - WB	I-680	San Ramon Rd	Plea - Uninc	4	0.69	8		62.7	A	6	62.9	A
41	I-580 - WB	San Ramon Rd	Eden Canyon	Plea - Uninc	4	4.75	8		67.2	A	6	62.4	A
42	I-580 - WB	Eden Canyon	Center St	Plea - Uninc	4	2.28	8		70.5	A	6	67.8	A
43	I-580 - WB	Center	I-580/238	Unincorp	2	1.94	8	'00	60.3	A	6	57.4	B

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		From	To						Speed	LOS	# Runs	Speed	LOS
44	I-580 - EB	I-80	I-980	Oak	1	1.24	8	91-92, 08-10	25.7	(F30)	5	19.8	(F20)
45	I-580 - EB	I-980	Harrison	Oak	1	0.95	8	91-92	41.1	D	5	34.7	E
46	I-580 - EB	Harrison	Lakeshore	Oak	1	0.69	8	08-10	27.0	(F30)	5	32.2	E
47	I-580 - EB	Lakeshore	Coolidge	Oak	1	2.25	8		36.6	E	5	44.6	D
48	I-580 - EB	Coolidge	SH 13 Off	Oak	1	2.15	8	10	31.4	(F30)	5	54.1	C
49	I-580 - EB	SH 13 Off	MacArthur	Foothill	1	4.09	8		50.8	C	5	41.5	D
50	I-580 - EB	MacArthur	I-580/238	SL - Hay	2	4.33	8		67.4	A	6	66.6	A
51	I-580 - WB	I-238	Foothill/MacArthur	Oak -SL	2	4.42	8		70.9	A	6	71.0	A
52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oak -SL	1	3.89	8		61.9	A	6	64.0	A
53	I-580 - WB	SH 13 Off	Fruitvale	Oak	1	2.36	8		61.4	A	6	60.8	A
54	I-580 - WB	Fruitvale	Harrison	Oak	1	2.21	8		56.0	B	6	55.0	C
55	I-580 - WB	Harrison	SH 24 On-ramp	Oak	1	1.16	8		52.6	C	6	53.0	C
56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oak	1	0.69	8	06	56.7	B	6	14.2	(F20)
57	I-580 - EB	Central	I-80 Jct	Alb	1	0.77	4		45.9	D	6	46.8	D
58	I-580 - WB	I-80 Jct	Central	Alb	1	1.07	4		64.8	A	6	66.6	A
59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	3	2.20	6		58.0	B	7	51.4	C
60	I-680 - NB	Rt 262/Mission	Durham Rd	Fre	3	1.34	6	08-10	16.5	(F20)	7	20.1	(F30)
61	I-680 - NB	Durham Rd	Washington Blvd	Fre	3	1.54	6	08-10	20.4	(F30)	7	23.4	(F30)
62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	3	0.89	6		36.9	E	7	38.7	E
63	I-680 NB	SR 238/Mission	Vargas Rd	Unincorp	3	0.82	6		44.0	D	7	53.7	C
64	I-680 NB	Vargas Rd	Andrade Rd	Unincorp	3	2.64	6	10	28.1	(F30)	7	28.9	(F30)
65	I-680 NB	Andrade Rd	Calaveras	Unincorp	3	1.13	6		33.3	E	7	39.3	E
66	I-680 NB	Calaveras	Rt.84/Vallecitos	Unincorp	3	0.30	6		59.2	B	6	63.7	A
67	I-680 NB	SR 84	Sunol Blvd	Plea - Uninc	4	3.45	6		67.0	A	6	64.7	A
68	I-680 NB	Sunol Blvd.	Bernal Ave	Plea - Uninc	4	1.52	6		64.3	A	6	62.5	A
69	I-680 NB	Bernal Ave	Stoneridge Dr	Plea	4	2.39	6		65.7	A	6	60.8	A
70	I-680 NB	Stoneridge Dr	I-580	Plea	4	0.84	6		70.1	A	6	63.4	A
71	I-680 - NB	I-580	Alcosta	Dub	4	1.83	6		62.4	A	6	55.8	B
72	I-680 - SB	Alcosta	I-580	Dub	4	1.84	6		69.0	A	6	68.8	A
73	I-680 SB	I-580	Stoneridge Dr	Plea	4	0.76	6		62.9	A	6	62.2	A
74	I-680 SB	Stoneridge Dr	Bernal	Plea	4	2.55	6		66.6	A	6	65.4	A
75	I-680 SB	Bernal Ave.	Sunol Blvd	Unincorp	4	1.31	6		61.1	A	6	59.7	B
76	I-680 SB	Sunol Blvd.	SR 84	Unincorp	4	3.82	6		68.6	A	6	67.8	A
77	I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Unincorp	3	1.32	6		64.7	A	6	65.4	A
78	I-680 SB	Andrade Rd	Sheridon Rd	Unincorp	3	1.39	6		61.5	A	6	61.9	A
79	I-680 SB	Sheridon Rd	Vargas Rd	Unincorp	3	0.81	6		66.5	A	6	63.9	A
80	I-680 SB	Vargas Rd	SR 238/Mission	Unincorp	3	1.08	6		63.2	A	6	63.7	A
81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fre	3	1.04	6		65.9	A	6	64.0	A
82	I-680 - SB	Washington Blvd	Durham Rd	Fre	3	1.52	6		67.8	A	6	67.6	A
83	I-680 - SB	Durham Rd	Rt 2262/Mission	Fre	3	1.67	6		70.7	A	6	70.6	A
84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fre	3	2.19	6		62.3	A	6	64.4	A

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		From	To						Speed	LOS	# Runs	Speed	LOS
85	I-880 - NB	Dix Landing	SR 262/Mission	Fre	3	2.08	8	91-'92	52.1	C	6	27.9	(F30)
86	I-880 - NB	SR 262/Mission	AutoMall Pkwy	Fre	3	2.44	8	96	42.0	D	6	44.9	D
87	I-880 - NB	AutoMall Pkwy	Stevenson	Fre	3	1.54	8	96	49.6	C	6	47.7	D
88	I-880 - NB	Stevenson	Decoto	Fre	3	4.04	8	96-'98	49.7	C	6	58.8	B
89	I-880 - NB	Decoto	Alvarado Blvd	Fre - Un Cty	3	1.17	8	02,10	28.6	(F30)	6	47.3	D
90	I-880 - NB	Alcarado Blvd	Alvarado-Niles Blvd	Fre- Uni Cty	3	1.17	8	02,10	26.8	(F30)	6	43.6	D
91	I-880 - NB	Alv-Niles	Tennyson	Un Cty - Hay	3	2.65	8	00-02,06-08,10	17.7	(F20)	6	23.9	(F30)
92	I-880 - NB	Tennyson	SR 92	Hay	2	1.14	8	91-'92	37.7	E	6	17.5	(F20)
93	I-880 - NB	SR 92	A St	Hay	2	1.52	8	91-'92	38.4	E	6	24.7	(F30)
94	I-880 - NB	A St	I-238	Unincorp	2	1.82	8	94-'95	62.7	A	6	44.3	D
95	I-880 - NB	I-880/I238 (split)	Marina Blvd	Oak -SL	2	2.66	8		66.8	A	6	65.6	A
96	I-880 - NB	Marina Blvd	SR 112/Davis	Oak - SL	2	0.79	8		62.1	A	6	61.6	A
97	I-880 - NB	SR 112/Davis	Hegenberger	Oak - SL	2	1.88	8		56.5	B	6	64.1	A
98	I-880 - NB	Hegenberger	High/42nd	Oak	1	2.47	8		52.7	C	5	57.4	B
99	I-880 - NB	High/42nd	23rd (1st on)	Oak	1	1.06	8		64.5	A	5	62.8	A
100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	1	2.64	8		57.7	B	5	63.4	A
101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	1	2.38	8		60.8	A	5	64.4	A
102	I-880 - NB	I-880/I 80 (split)	I-880/I-80 (merge)	Oak	1	1.40	8		31.5	E	5	18.0	(F20)
				Oak	1	3.17	6						
103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1	1.63	8		65.3	A	7	65.0	A
104	I-880 - SB	I-880/I-80 merge	Jct 980	Oak	1	2.65	8		64.0	A	7	72.3	A
105	I-880 - SB	I-980	23rd	Oak	1	2.79	8	06	30.2	E	7	39.5	E
106	I-880 - SB	23rd St	High/42nd	Oak	1	1.35	8		67.9	A	7	37.3	E
107	I-880 - SB	High/42nd	Hegenberger	Oak	1	2.27	8	06	36.8	E	7	35.1	E
108	I-880 - SB	Hegenberger	SR 112/Davis	Oak - SL	1	1.69	8	91-'92,08	37.6	E	6	52.0	C
109	I-880 - SB	SR 112/Davis	Marina Blvd	Oak - SL	1	0.87	8	91-'92	57.1	B	6	54.5	C
110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oak - SL	1	2.41	8	91-'92	59.5	B	6	63.5	A
111	I-880 - SB	I-238	A St	SL-Uninc	2	2.03	8	91-'92, '00-02	32.3	E	6	52.7	C
112	I-880 - SB	A St	Rt 92	Hay	2	1.81	8		37.2	E	6	38.1	E
113	I-880 - SB	Rt 92	Tennyson	Hay	2	0.96	8	00	35.0	E	6	31.9	E
114	I-880 - SB	Tennyson	Alv-Niles	Hay - UC	2	2.49	8		45.9	D	6	41.8	D
115	I-880 - SB	Alv-Niles	Alvarado	UC - Fre	3		8		57.9	B	6	53.9	C
116	I-880 - SB	Alvarado	Decoto	UC - Fre	3		8		58.9	B	6	42.5	D
117	I-880 - SB	Decoto	Stevenson	Fre	3	4.07	8		58.9	B	6	55.3	B
118	I-880 - SB	Stevenson	AutoMall Pkwy	Fre	2	1.26	8		64.8	A	7	64.5	A
119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fre	2	3.04	8		62.4	A	6	62.5	A
120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fre	3	1.27	8	92,'06	64.1	A	6	68.1	A
121	I-980 - WB	SR 24 @ 580	I-880	Oak	1	2.27	8		64.8	A	7	65.2	A
122	I-980 - EB	I-880	SR 24 @ 580	Oak	1	2.32	8	'91, 10	29.7	(F30)	6	34.1	E

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		From	To						Speed	LOS	# Runs	Speed	LOS
123	SR 13 - NB	Mountain On	Carson/Redwood (1) (off)	Oak	1	1.20	4		88.8	A	6	83.1	A
124	SR 13 - NB	Carson/Redwood (1) (off)	Joaquin Miller	Oak	1	1.09	4		44.4	D	6	43.3	D
125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oak	1	1.77	4		61.4	A	6	56.0	B
126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oak	1	1.57	4	06,10	24.2	(F30)	6	18.9	(F20)
127	SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1	1.66	4		57.2	B	6	54.5	C
128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1	2.04	4		71.2	A	6	69.5	A
129	SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1	1.34	4		61.4	A	6	61.3	A
130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1	0.89	4	08,10	12.5	(F20)	6	26.3	(F30)
131	SR 24 - EB	I-580 (on ramp)	Broadway/SR 13	Oak	1	2.08	8	91-'97, '02, 06, 08,10	15.8	(F20)	6	15.1	(F20)
132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1	1.41	8	91-'97,'02,06-08,10	14.5	(F20)	6	14.0	(F20)
133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1	1.03	8	91-'97,'02,06	34.6	E	6	36.9	E
134	SR 24 - WB	Fish Ranch Road	Caldecott (exit)	Oak	1	0.99	8		50.9	C	7	51	C
135	SR 24 - WB	Caldecott (exit)	Broadway	Oak	1	1.77	8		69.4	A	7	68.8	A
136	SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1	2.19	8		59.3	B	7	57.8	B
137	SR 84 - EB	San M CL	Toll Plaza	Fremont	3	2.97	6		56.2	B	6	51.9	C
138	SR 84 - EB	Toll Plaza	Thornton	Fremont	3	0.27	6	06	58.9	B	6	57.2	B
139	SR 84 - EB	Thornton	Newark Blvd/Ardenwood Blvd	Newark	3	1.23	6	08	65.8	A	6	45.9	D
140	SR 84 - EB	Newark Blvd/Ardenwood Blvd	I-880 NB (off)	Newark	3	0.97	6	08-10	26.9	(F30)	6	16.4	(F20)
141	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	Newark	3	0.99	6		45.9	D	6	47.2	D
142	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy		3	1.15	6		60.2	A	6	63.4	A
143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate		3	0.75	6		51.4	C	6	44.0	D
144	SR 84 - WB	Toll Plaza	San M CL	Fremont	2	3.17	6		64.8	A	6	64.1	A
145	SR 92 - EB	San M CL	Toll Plaza	Uninc - Hay	2	2.61	6	97-'02	65.9	A	6	58.1	B
146	SR 92 - EB	Toll Plaza	Clawiter	Uninc - Hay	2	1.76	6	91-'94, '96-'02	37.6	E	6	52.0	C
147	SR 92 - EB	Clawiter	I-880	Hay	2	2.10	6	91-92,94-'95,97-'02,06-10	10.0	(F20)	6	52.6	C
148	SR 92 - WB	I-880	Clawiter	Hay	2	2.01	6		52.4	C	6	59.7	B
149	SR 92 - WB	Clawiter	Toll Plaza	Uninc - Hay	2	1.87	6	91-'92	45.6	D	6	42.2	D
150	SR 92 - WB	Toll Plaza	San M CL	Uninc - Hay	2	2.61	6		61.7	A	6	61.7	A
		Highlighted cells indicate segment where either regular travel time runs are not completed yet or additional runs are requested based on comments											

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		From	To							Speed	LOS	of run	Speed	LOS
1	150th St - EB	Hesperian	I-580	SL	0.51	II	2	2		17.0	D	7	18.5	C
2	150th St - WB	I-580	Hesperian	SL	0.51	II	2	2		16.5	D	6	18.6	C
3	A Street - EB	I-880	Western	Hay	1.08	II	2	2		23.3	C	7	18.8	C
4	A Street - EB	Western	SR 238	Hay	0.53	III	2	2		7.6	E	5	4.9	F
5	A Street - WB	SR 238	Western	Hay	0.53	III	2	2		13.5	C	6	10.3	D
6	A Street - WB	Western	I-880	Hay	1.08	II	2	2		21.8	C	6	17.7	D
7	Atlantic - EB	Main	Webster	Ala	0.80	II	1	2		20.7	C	10	19.5	C
8	Atlantic - WB	Webster	Main	Ala	0.80	II	1	2		23.7	C	6	20.7	C
9	Hegenberger - EB	SR 61	Edgewater	Oak	0.76					17.5	D	5	15.6	E
10	Hegenberger - EB	Edgewater	Baldwin	Oak	0.73	I	1	3		27.8	C	5	20.8	D
11	Hegenberger - EB	Baldwin	E 14th	Oak	1.03	I	1	3		25.1	C	5	27.9	C
12	Hegenberger - WB	E 14th	Baldwin	Oak	1.03	I	1	3		35.9	A	5	30.0	B
13	Hegenberger - WB	Baldwin	Edgewater	Oak	0.73	I	1	3		25.3	C	5	18.1	D
14	Hegenberger - WB	Edgewater	SR 61	Oak	0.76					20.0	D	5	19.5	D
15	Hesperian - NB	Tennyson	SH 92 - WB	Hay	0.47	I	2	3	06-08	15.0	E	7	14.3	E
16	Hesperian - NB	SH 92	La Playa	Hay	0.79	II	2	3	92	19.2	C	7	18.7	C
17	Hesperian - NB	La Playa	W.Winton Ave.	Hay	0.44	II	2	3	92,08	5.6	(F)	7	11.2	E
18	Hesperian - NB	W.Winton Ave	A St	Hay	0.96	II	2	3	92	18.1	C	7	14.9	D
19	Hesperian - NB	A St	Hacienda	Unin	0.65	II	2	2		19.5	C	7	16.2	D
20	Hesperian - NB	Hacienda	Grant	Unin	0.65	II	2	2		29.4	B	7	17.7	D
21	Hesperian - NB	Grant	Llewelling	Unin	0.28	II	2	2	00,04,06-08	8.1	(F)	7	7.3	F
22	Hesperian - NB	Llewelling	Springlake	Unin	0.40	II	2	2		23.3	C	7	17.8	D
23	Hesperian - NB	Springlake	Fairmont	SL	0.66	II	2	2		14.8	D	7	13.3	E
24	Hesperian - NB	Fairmont	14th	SL	0.32	II	2	2		13.7	E	7	16.1	D
25	Hesperian - SB	14th	Fairmont	SL	0.31	II	2	2	'91, '95, '97,08	12.4	E	6	17.3	D
26	Hesperian - SB	Fairmont	Springlake	SL	0.65	II	2	2	'91 - '92	18.8	C	6	17.0	D
27	Hesperian - SB	Springlake	Llewelling	Unin	0.40	II	2	2	'00	8.1	(F)	6	7.5	F
28	Hesperian - SB	Llewelling	Grant	Unin	0.28	II	2	2		13.8	E	6	13.7	E
29	Hesperian - SB	Grant	Hacienda	Unin	0.65	II	2	2		21.8	C	6	26.7	B
30	Hesperian - SB	Hacienda	A St	Unin	0.65	II	2	2		19.6	C	6	18.4	C
31	Hesperian - SB	A St	W.Winton Ave.	Hay	0.96	II				18.6	C	6	24.5	B
32	Hesperian - SB	W.Winton Ave	La Playa	Hay	0.44	II				24.8	B	6	19.6	C
33	Hesperian - SB	La Playa	SH 92	Hay	0.79	II				17.2	D	6	18.2	C
34	Hesperian - SB	SH 92 - WB	Tennyson	Hay	0.47	I	2	3	08	11.0	(F)	6	11.5	F

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		From	To							Speed	LOS	of run	Speed	LOS
35	Mowry - EB	I-880	Farwell	Fre	0.34	II	3	2	'91 - '92	14.1	D	7	17.0	D
36	Mowry - EB	Farwell	SH 84	Fre	2.63	II	3	2		25.1	B	7	25.9	B
37	Mowry - WB	SH 84	Farwell	Fre	2.63	II	3	2		22.6	C	7	22.7	C
38	Mowry - WB	Farwell	I-880	Fre	0.34	II	3	2		20.9	C	7	23.9	C
39	Park/23rd - EB	Encinal	Santa Clara	Ala	0.23	III	1	2		21.3	B	7	11.2	D
40	Park/23rd - EB	Santa Clara	Kennedy	Ala	0.66	III	1	2		13.2	C	7	13.1	C
41	Park/23rd - EB	Kennedy	E 11th	Ala - Oak	0.45	II	1	2		13.9	E	7	19.8	C
42	Park/23rd - WB	E 11th	Kennedy	Ala - Oak	0.45	II	1	2		24.1	B	7	29.8	B
43	Park/23rd - WB	Kennedy	Santa Clara	Ala	0.66	III	1	2		12.9	D	7	12.8	D
44	Park/23rd - WB	Santa Clara	Encinal	Ala	0.23	III	1	2		12.8	D	7	9.7	D
45	MLK Jr Way -NB	SH 24	Adeline	Oak	0.90	II	1	2		18.1	C	6	17.4	D
46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berk	0.30	II	1	2	04	18.8	C	6	15.2	D
47	Adeline - NB	MLK Jr - North	Shattuck/Adeline	Berk	0.63	II	1	2		15.5	D	6	15.3	D
48	Shattuck NB	Shattuck/Adeline	Dwight	Berk	0.32	II	1	2		17.2	D	6	15.7	D
49	Shattuck NB	Dwight	University	Berk	0.63	III	1	2		14.9	C	6	13.8	C
50	Shattuck SB	University	Dwight	Berk	0.63	III	1	2		13.5	C	7	12.8	D
51	Shattuck SB	Dwight	Shattuck/Adeline	Berk	0.32	II	1	2		22.5	C	7	26.3	B
52	Adeline - SB	Shattuck/Adeline	MLK Jr - North	Berk	0.63	II	1	2		13.1	E	7	13.0	E
53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berk	0.30	II	1	2	'95, '00	20.0	C	7	21.5	C
54	MLK Jr Way -SB	Adeline	SH 24	Oak	0.88	II	1	2		21.7	C	7	15.3	D
55	Tennyson - EB	Hesperian	I-880	Hay	0.88	I	2	2	06	22.0	C	6	20.1	D
56	Tennyson - EB	I-880 NB	Rt 238	Hay	1.55	II	2	2		19.9	C	6	19.2	C
57	Tennyson - WB	Rt 238	I-880	Hay	1.63	II	2	2		19.2	C	8	20.0	C
58	Tennyson - WB	I-880	Hesperian	Hay	0.85	I	2	2		21.6	D	7	20.8	D
59	University - EB	I-80 SB	6th	Berk	0.40	II	1	2		26.7	B	6	16.9	D
60	University - EB	6th	San Pablo	Berk	0.31	II	1	2		19.0	C	6	15.3	D
61	University - EB	San Pablo	Sacramento	Berk	0.56	II	1	2		11.5	E	6	18.4	C
62	University - EB	Sacramento	ML King	Berk	0.48	II	1	2		18.9	C	6	16.6	D
63	University - EB	ML King	Shattck Pl	Berk	0.30	III	1	2		17.0	C	6	11.2	D
64	University - WB	Shattck Pl	ML King	Berk	0.30	III	1	2		13.7	C	6	10.9	D
65	University - WB	ML King	Sacramento	Berk	0.48	II	1	2		19.2	C	6	24.3	B
66	University - WB	Sacramento	San Pablo	Berk	0.56	II	1	2		12.6	E	6	11.0	E
67	University - WB	San Pablo	6th	Berk	0.31	II	1	2	'98	17.9	D	6	9.8	F
68	University - WB	6th	I-80 SB	Berk	0.40	II	1	2		38.9	A	6	37.6	A

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		From	To							Speed	LOS	of run	Speed	LOS
69	SR 13 Ashby - WB	Hiller	Domingo	Oak - Berk	0.79	II	1	2		25.6	B	6	21.3	C
70	SR 13 Ashby - WB	Domingo	College	Berk	0.50	III	1	1		18.0	C	6	16.0	C
71	SR 13 Ashby - WB	College	Telegraph	Berk	0.38	III	1	1		11.0	D	6	10.2	D
72	SR 13 Ashby - WB	Telegraph	Shattuck	Berk	0.38	III	1	1	'91 - '92	12.5	D	6	14.8	C
73	SR 13 Ashby - WB	Shattuck	ML King	Berk	0.24	III	1	1	'91 - '92	9.2	D	6	7.8	E
74	SR 13 Ashby - WB	ML King	San Pablo	Berk	0.87	III	1	1		13.8	C	6	11.8	D
75	SR 13 Ashby - WB	San Pablo	I-80 Ramps	Berk	0.64	II	1	2		22.0	C	6	18.2	C
76	SR 13 Ashby - EB	I-80	San Pablo	Berk	0.61	II	1	2		19.8	C	6	14.7	D
77	SR 13 Ashby - EB	San Pablo	ML King	Berk	0.87	III	1	1		17.9	C	6	20.0	B
78	SR 13 Ashby - EB	ML King	Shattuck	Berk	0.24	III	1	1		8.6	E	6	6.4	F
79	SR 13 Ashby - EB	Shattuck	Telegraph	Berk	0.38	III	1	1		13.4	C	6	16.4	C
80	SR 13 Ashby - EB	Telegraph	College	Berk	0.38	III	1	1		7.3	E	6	14.8	C
81	SR 13 Ashby - EB	College	Domingo	Berk	0.50	III	1	1	91,00,04	6.5	(F)	6	9.6	D
82	SR 13 Ashby - EB	Domingo	Hiller	Berk - Oak	0.79	II	1	2		24.0	C	6	24.9	B
83	SR 61 - SB	Atlantic	Cent/Webster	Ala	0.55	III	1	2		11.5	D	7	12.7	D
84	SR 61 - SB	Cent/Webster	Sher/Encino	Ala	0.73	II	1	2		23.1	C	7	18.9	C
85	SR 61 - SB	Sher/Encino	Park	Ala	1.22	II	1	1		19.2	C	7	18.7	C
86	SR 61 - SB	Park	High/Otis	Ala	1.06	II	1	1		20.2	C	7	21.4	C
87	SR 61 (Doolittle) - SB	High	Island Dr	Ala	0.41	II	1	2		17.8	D	7	20.7	C
88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay Pk	Ala	0.50	I	1	2		31.9	B	6	29.0	B
89	SR 61 - SB	Harbor Bay	Airport Dr	Oak	2.15	I	1	1		33.0	B	6	31.1	B
90	SR 61 (Doolittle) - SB	Airport	Davis	Oak - SL	0.95	I	1	2		39.5	A	6	30.0	B
91	SR 61 (Doolittle) - NB	Davis	Airport	SL - Oak	0.95	I	2	2		33.1	B	8	30.0	B
92	SR 61 - NB	Airport Dr	Harbor Bay	Ala	2.15	I	1	1		36.2	A	8	36.4	A
93	SR 61 (Doolittle)-NB*	Harbor Bay	Island Dr	Ala	0.50	I	1	2		27.5	B	8	32.8	A
94	SR 61 (Doolittle)-NB*	Island Dr	High/Otis	Ala	0.41	II	1	2		18.6	C	8	16.6	D
95	SR 61 - NB	High/Otis	Park	Ala	1.06	II	1	1		25.5	B	8	22.8	C
96	SR 61 - NB	Park/Encinal	Sher/Cent	Ala	1.22	II	1	1		18.0	C	8	17.7	D
97	SR 61 - NB	Sher/Cent	Web/Cent	Ala	0.73	II	1	2		21.0	C	8	21.5	C
98	SR 61 - NB	Cent/Web	Atlantic	Ala	0.55	III	1	2		16.3	C	8	15.0	C
99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oak	0.32	I	1	2		27.7	C	No data collected due to construction		
100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oak	0.30	I	1	2		33.4	B	No data collected due to construction		

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		From	To							Speed	LOS	of run	Speed	LOS
101	Decoto - WB	SH 238/Mission	Union Square	UC	0.85	II	3	2		19.7	C	6	17.4	D
102	Decoto - WB	Union Square	Alv-Niles Rd	UC	0.25	II	3	2	91-94,96,98,'00-04,06	14.6	D	6	13.7	E
103	Decoto - WB	Alv-Niles Rd	Fremont CL	UC	0.66	II	3	2		27.7	B	6	29.0	B
104	Decoto - WB	Fremont CL	I-880 NB (off)	Fre	1.15	II	3	2		22.0	C	6	23.0	C
105	Decoto - EB	I-880 NB (off)	Union City CL	Fre	1.15	II	3	2		19.2	C	6	16.4	D
106	Decoto - EB	Union City CL	Alv-Niles Rd	UC	0.66	II	3	2		13.6	E	6	17.9	D
107	Decoto - EB	Alv-Niles Rd	Union Square	UC	0.25	II	3	2		18.7	C	6	19.1	C
108	Decoto - EB	Union Square	SH 238/Mission	UC	0.85	II	3	2		20.7	C	6	21.5	C
109	SR 84/Mowry (Fre)-W	SH 238	Peralta	Fre	0.78	I	3			31.9	B	6	35.3	A
110	SR 84/Peralta (Fre)-W	Mowry	Fremont	Fre	1.66	I	3			24.8	C	6	27.9	C
111	SR 84/Fremont(Fre)-V	Peralta	Thornton	Fre	0.33	II	3		91-92, 94, 02	10.3	E	6	10.5	E
112	SR 84/Thornton(Fre)-V	Fremont	I-880 SB	Fre	1.29	II	3			24.7	B	6	26.5	B
113	SR 84/Thornton (Fre)-I	I-880 SB	Fremont	Fre	1.29	II	3	4		20.8	C	6	24.9	B
114	SR 84/Fremont (Fre)-I	Thornton	Peralta	Fre	0.32	II	3	4		10.2	E	6	10.5	E
115	SR 84/Peralta (Fre) - I	Fremont	Mowry	Fre	1.64	I	3	2		25.2	C	6	24.6	C
116	SR 84/Mowry (Fre) - E	Peralta	SH 238	Fre	0.87	I	3	4(2)	'00	18.8	D	6	17.4	D
117	1st Street - SB	I-580 Off	N Mines	Liv	0.61	I				21.6	D	8	21.0	D
118	1st Street - SB	N Mines	Inman	Liv	1.05	I				31.4	B	8	31.8	B
119	1st Street - NB	Inman	N Mines	Liv	1.05	I				28.7	B	7	30.8	B
120	1st Street - NB	N Mines	I-580 Off	Liv	0.61	I				31.2	B	7	27.4	C
121	SR 84 - EB	SR 238/Mission	Union City Limit	Fre	1.59	41.9	3	2		38.4	A	6	35.8	B
122	SR 84 - EB	Union City Limit	Palamoras	Fre	0.94	44.5	3	2		42.1	A	6	41.9	A
123	SR 84 - EB	Palamoras	Niles Cnyn Quarry	Fre	2.16	43.8	3	2		42.5	A	6	43.8	A
124	SR 84 - EB	Niles Cnyn Quarry	Sunol Rd	Fre	1.75	46.7	3	2		45.5	A	6	47.7	A
125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fre	0.53	27.6	3	2		4.7	(F)	6	4.8	F
126	SR 84 - EB	Ple-Sunol Rd	SR 84 (Off)/I-680	Unin	0.77	42.9	4	2	02-04,06	44.0	A	4	40.9	A
127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ln	Unin	1.07	50.8	4	2	02-04,06	11.7	(F)	4	14.1	F
128	SR 84 - EB	Vallecitos Ln	Vallecitos Nuc.	Unin	1.14	57.5	4	2	02-04,06	31.6	E	4	32.5	E

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129	SR 84 - EB	Vallecitos Nuc Cent	Culvert (Lat/Lo	Unin	1.65	58.3	4	2		44.5	C	4	41.5	C
130	SR 84 - EB	Culvert (Lat/Long: 3	Ruby Hill /Kaith	Unin	1.62	59.2	4	2		59.1	A	4	57.0	A
131	SR 84 - EB	Ruby Hill./Kaithoff	Isabel/Vallecito	Unin	0.38	I	4	2		29.4	A	4	33.2	A
132	SR 84 (Liv) - NB	Isabel/Vallecitos	Vineyard	Liv	1.12	I	4	2		37.0	A	4	36.9	A
133	SR 84 (Liv) - NB	Vineyard	Concannon	Liv	0.60	I	4	2		34.7	B	4	44.3	A
134	SR 84 (Liv) - NB	Concannon	Stanley	Liv	1.07	I	4	2		36.7	A	4	34.7	B
135	SR 84 (Liv) - NB	Stanley	W. Jack Londo	Liv	0.88	I	4	2		38.3	A	4	30.8	B
136	SR 84 (Liv) - NB	W. Jack London Blv	Airway/Kitty Ha	Liv	0.49	I	4	2		26.6	C	4	23.5	C
137	SR 84 (Liv) - NB	Airway/Kitty	I-580 (Off)	Liv	1.06	I	4	2		26.2	C	4	27.0	C
138	SR 84 (Liv) - SB	I-580 (On)	Airway/Kitty Ha	Liv	1.06	I	4	2		28.8	B	5	32.4	B
139	SR 84 (Liv) - SB	Airway/Kitty	W. Jack Londo	Liv	0.49	I	4	2		37.2	A	5	38.3	A
140	SR 84 (Liv) - SB	W. Jack London Blv	Stanley	Liv	0.90	I	4	2		50.4	A	5	44.3	A
141	SR 84 (Liv) - SB	Stanley	Concannon	Liv	1.05	I	4	2		46.1	A	5	40.8	A
142	SR 84 (Liv) - SB	Concannon	Vineyard	Liv	0.60	I	4	2		43.0	A	5	36.9	A
143	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecito	Liv	1.12	I	4	2		42.9	A	5	47.5	A
144	SR 84 - WB	Isabel/Vallecitos	Ruby Hill /Kaith	Liv	0.38	I	4	2		36.3	A	5	43.8	A
145	SR 84 - WB	Ruby Hill /Kaithoff	Culvert (Lat/Lo	Pleas	1.62	55.8	4	2		58.3	A	5	55.3	A
146	SR 84 - WB	Culvert (Lat/Long: 3	Vallecitos Nuc.	Unin	1.65	56.5	4	2		57.5	A	5	54.5	A
147	SR 84 - WB	Vallecitos Nuc.Cntr	Vallecitos Ln	Unin	1.14	52.5	3	2		54.9	A	5	53.6	A
148	SR 84 - WB	Vallecitos Ln	SR 84/I-680 NB	Unin	0.21	55.3	3	2		57.7	A	5	61.0	A
149	SR 84 - WB	SR 84/I-680 NB On	Ple-Sunol Rd	Fre	1.27	41.4	3	2		43.4	A	7	42.9	A
150	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fre	0.53	41.9	3	2		39.9	A	7	41.5	A
151	SR 84 - WB	Sunol Rd	Niles Canyon C	Fre	1.75	48.5	3	2		46.9	A	7	46.6	A
152	SR 84 - WB	Niles Canyon Quar	Fremont City L	Fre	1.00	47.5	3	2		46.1	A	7	44.6	A
153	SR 84 - WB	Fremont City Limit	Union City Limit	Fre	2.10	41.8	3	2		43.6	A	7	43.1	A
154	SR 84 - WB	Union City Limit	SR 238	Fre	1.62	31.7	3	2		28.9	A	7	33.9	A

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155	SR 92 - EB	I-880	Mission	Hay	1.59	II	2	3	'91 - '92	15.4	D	6	6.3	F
156	SR 92 - WB	Mission	I-880	Hay	1.59	II	2	3		23.4	C	6	23.7	C
157	SR 112 (Davis) - EB	Doolittle/Davis	I-880	SL	0.51	II	2	2		15.1	D	7	14.1	D
158	SR 112 (Davis) - EB	I-880	San Leandro	SL	1.01	II	2	2	'91	17.2	D	7	26.2	B
159	SR 112 (Davis) - EB	San Leandro	E 14th	SL	0.28	III	2	2		16.0	C	7	12.1	D
160	SR 112 (Davis) - WB	E 14th	San Leandro	SL	0.28	III	2	2		13.2	C	6	10.8	D
161	SR 112 (Davis) - WB	San Leandro	I-880	SL	1.00	II	2	2		25.1	B	6	25.6	B
162	SR 112 (Davis) - WB	I-880	Doolittle	SL	0.51	II	2	2		15.5	D	8	19.5	C
163	SR 123 San Pablo - S	Carlson	Washington	Alb	0.53	II	1	2		25.5	B	4	22.9	C
164	SR 123 San Pablo - S	Washington	Marin	Alb	0.44	III	1	2		17.1	C	4	16.2	C
165	SR 123 San Pablo - S	Marin	Gilman	Alb - Berk	0.47	II	1	2		17.0	D	4	15.6	D
166	SR 123 San Pablo - S	Gilman	University	Berk	0.86	II	1	2		18.3	C	4	15.7	D
167	SR 123 San Pablo - S	University	Allston	Berk	0.20	III	1	2		18.6	C	4	13.2	C
168	SR 123 San Pablo - S	Allston	Dwight	Berk	0.4	II				18.2	C	4	22.5	C
169	SR 123 San Pablo - S	Dwight	Ashby	Berk	0.68	II				20.2	C	4	15.7	D
170	SR 123 San Pablo - S	Ashby	Stanford	Berk	0.81	II	1	2		17.8	D	4	16.7	D
171	SR 123 San Pablo - S	Stanford	53rd	Oak	0.27	II	1	2		26.3	B	4	17.6	D
172	SR 123 San Pablo - S	53rd	Park	Emer	0.34	II	1	2		18.0	D	4	17.6	D
173	SR 123 San Pablo - S	Park	35th	Emer - Oak	0.45	II	1	2	'91	14.3	D	4	13.0	E
174	SR 123 San Pablo - N	35th	Park	Oak - Emer	0.45	II	1	2		18.4	C	3	11.7	E
175	SR 123 San Pablo - N	Park	53rd	Emer	0.34	II	1	2		28.5	B	3	23.8	C
176	SR 123 San Pablo - N	53rd	Stanford	Oak	0.27	II	1	2	02	22.2	C	3	19.7	C
177	SR 123 San Pablo - N	Stanford	Ashby	Oak	0.81	II	1	2		19.0	C	3	18.1	C
178	SR 123 San Pablo - N	Ashby	Dwight	Berk	0.68	II				19.4	C	3	14.4	D
179	SR 123 San Pablo - N	Dwight	Allston	Berk	0.4	II				24.9	B	3	23.5	C
180	SR 123 San Pablo - N	Allston	University	Berk	0.20	III	1	2	'98, '00,06	5.8	(F)	3	5.0	F
181	SR 123 San Pablo - N	University	Gilman	Berk	0.86	II	1	2		19.8	C	3	18.0	C
182	SR 123 San Pablo - N	Gilman	Marin	Alb - Berk	0.47	II	1	2		15.7	D	3	14.3	D

Updated Draft 2012 LOS Results for Arterials - PM Peak Period														
#	CMP Route	Segment Limits		Juris	Length (miles)	Arterial Class	Plan Area	No of Lanes	Prior LOS "F" (Years)	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	of run	Speed	LOS
183	SR 123 San Pablo - N	Marin	Washington	Alb	0.45	III	1	2	08	24.1	B	3	21.2	B
184	SR 123 San Pablo - N	Washington	Carlson	Alb	0.53	II	1	2		17.1	D	3	18.4	C
185	SR 185 (14th) - SB	42nd	46th St	Oak	0.26	II				16.8	D	4	15.9	D
186	SR 185 (14th) - SB	46th St	Seminary	Oak	0.79	II				23.8	C	4	20.0	C
187	SR 185 (14th) - SB	Seminary	73rd	Oak	0.80	II	1	2		13.2	E	4	9.3	F
188	SR 185 (14th) - SB	73rd Ave	98th Ave	Oak	1.39	II	1	2		20.4	C	4	17.6	D
189	SR 185 (14th) - SB	98th	Broadmoor	Oak	0.74	II	1	2		18.7	C	4	20.2	C
190	SR 185 (14th) - SB	Broadmoor	Davis	SL	0.73	II	2	2		15.9	D	5	19.5	C
191	SR 185 (14th) - SB	Davis	San Leandro	SL	1.04	III	2	2		17.2	C	5	19.9	B
192	SR 185 (14th) - SB	San L Blvd	Hesperian	SL	0.94	II	2	2		22.4	C	5	23.8	C
193	SR 185 (14th) - SB	Hesperian	Bayfair	SL	0.46	II	2	2		16.5	D	5	18.3	C
194	SR 185 (14th) - SB	Bayfair	170th	Unin	1.24	II	3	2		19.8	C	6	24.6	B
195	SR 185 (14th) - SB	170th	Llewelling	Unin	0.21	II	3	2		19.0	C	6	22.2	C
196	SR 185 (14th) - SB	Llewelling	Sunset	Unin	1.02	II	3	2		27.3	B	6	26.3	B
197	SR 185 Hayward - SB	Sunset	SR 92/238	Hay	0.84	III	2	2		11.4	D	6	9.1	D
198	SR 185 Hayward - NB	SR 92/238	Sunset	Hay	0.84	III	2	2		17.0	C	7	12.5	D
199	SR 185 (14th) - NB	Sunset	Llewelling	Unin	1.11	II	3	2		26.3	B	7	24.9	B
200	SR 185 (14th) - NB	Llewelling	170th	Unin	0.21	II	3	2		31.5	A	7	30.1	A
201	SR 185 (14th) - NB	170th	Bayfair	Unin	1.24	II	3	2		25.3	B	7	21.8	C
202	SR 185 (14th) - NB	Bayfair	Hesperian	SL	0.47	II	2	2		23.5	C	7	21.1	C
203	SR 185 (14th) - NB	Hesperian	San L Blvd	SL	0.94	II	2	2		22.8	C	7	26.9	B
204	SR 185 (14th) - NB	San Leandro	Davis	SL	1.02	III	2	2		15.6	C	7	15.7	C
205	SR 185 (14th) - NB	Davis	Broadmoor	SL	0.72	II	2	2		21.5	C	7	21.2	C
206	SR 185 (14th) - NB	Broadmoor	98th	Oak	0.74	II	1	2		16.2	D	4	14.7	D
207	SR 185 (14th) - NB	98th Ave	73rd Ave	Oak	1.37	II	1	2		18.2	C	4	17.8	D
208	SR 185 (14th) - NB	73rd Ave	Seminary	Oak	0.60	II	1	2		13.1	E	4	13.8	E
209	SR 185 (14th) - NB	Seminary	46th St	Oak	0.79	II				25.9	B	4	27.2	B
210	SR 185 (14th) - NB	46th St	42nd	Oak	0.26	II			08	7.3	(F)	4	9.7	F
211	SR 238 (Foothill) - NB	Jackson	City Center	Hay	0.62	III	2	3		17.3	C	3	5.9	F
212	SR 238 (Foothill) - NB	City Center	I-580	Unin-Hay	0.73	II	3	3		20.7	C	3	23.1	C

Updated Draft 2012 LOS Results for Arterials - PM Peak Period														
#	CMP Route	Segment Limits		Juris	Length (miles)	Arterial Class	Plan Area	No of Lanes	Prior LOS "F" (Years)	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	of run	Speed	LOS
213	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Unin	0.71	I	3			45.1	A	3	46.8	A
214	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Unin	0.86	I	3			47.3	A	6	41.7	A
215	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hay-Unin	1.03	II	2	3		27.2	B	6	22.4	C
216	SR 238 (Foothill) - SB	City Center	Jackson	Hay	0.62	III	2	3		16.2	C	6	8.5	E
217	SR 238 (Mission) - NE	680 NB Rmp	Stevenson	Fre	2.46	I	3	2		41.4	A	3	19.7	D
218	SR 238 (Mission) - NE	Stevenson	Nursery	Fre	2.57	I	3	2		30.4	B	3	34.3	B
219	SR 238 (Mission) - NE	Nursery	Tamarack	UC	2.10	I	3	2		28.7	B	4	27.8	C
220	SR 238 (Mission) - NE	Tamarack	Industrial	UC-Hay	1.96	I	3	2		26.1	C	4	30.9	B
221	SR 238 (Mission) - NE	Industrial	Sorenson	Hay	1.47	II	2	2		27.1	B	4	22.9	C
222	SR 238 (Mission) - NE	Sorenson	Jackson	Hay	1.83	II	2	2		15.8	D	4	12.8	E
223	SR 238 (Mission) - SE	Jackson	Sorenson	Hay	1.83	II	2	2	'91 - '92	23.3	C	4	18.8	C
224	SR 238 (Mission) - SE	Sorenson	Industrial	Hay	1.47	II	2	2		22.4	C	4	21.2	C
225	SR 238 (Mission) - SE	Industrial	Tamarack	Hay-UC	1.96	I	2	2		32.7	B	4	29.5	B
226	SR 238 (Mission) - SE	Tamarack	Nursery	UC	2.07	I	3	2		24.4	C	4	24.6	C
227	SR 238 (Mission) - SE	Nursery	Stevenson	Fre	2.57	I	3	2		30.5	B	5	32.2	B
228	SR 238 (Mission) - SE	Stevenson	680 NB Rmp	Fre	2.46	I	3	2		31.0	B	5	22.5	C
229	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oak	1.31	I	1	2		34.7	A	8	36.5	A
230	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oak	1.31	I	1	2	'91	31.6	A	7	33.5	A
231	SR 262 (Mission) - EB	I-880 NB	I-680 NB	Fre	1.33	I	3	2		16.1	E	7	17.8	D
232	SR 262 (Mission) - WB	I-680 NB	I-880 SB	Fre	1.11	I	3	2		25.6	C	8	30.6	B
Note	* denotes the longer roadway segments that were split into short segments in 2009 CMP Update. The short segments have been used in the 2010 LOS Monitoring Study.													
	Highlighted cells indicate segments where either regular travel time runs are not completed yet or additional runs have been requested based on comments													

AETAC Item 5D
 Handout - IC

#	CMP Route	Segment Limits		Plan Area	Length (miles)	No of Lanes	Free Flow Speed	Prior LOS "F" (Years)	2010 LOS Results			2012 LOS Results			
		From:	To:						Jurisdiction	# of runs	Speed	LOS	# of Runs	Speed	LOS
											Speed	LOS	Speed	LOS	
1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oak	1	0.30	38.0	91-92, 97-02	6	31.0	B	2	39.3	A	
2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oak	1	0.41	40.0	91-92, 98	6	40.1	A	5	21.1	E	
3	SR 24 WB/I-580 WB	SR 24 ON	I-580 OFF	Oak	1	0.69	Weaving	95	6	44.6	n/a	2	36.3	-	
4	I-580/SR 24 Interchange	I-580 WB	SR-24 EB	Oak	1	0.51	45.0		6	25.4	E	2	30.4	D	
5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oak	1	0.74	51.0	06	6	30.1	E	0			
6	SR13/SR 24 Interchange	SR-13 NB	SR-24 EB	Oak	1	0.32	40.0	92-10	6	9.8	(F)	0			
7	SR13/SR 24 Interchange	SR-24 WB	SR-13 SB	Oak	1	0.16	31.0		8	32.7	A	0			
8	I-880/I-238 Interchange	I-880 SB	I-238 EB	SL	2	0.74	47.0	93-95, '97	6	52.8	A	3	37.4	C	
9	I-880/I-238 Interchange	I-238 WB	I-880 NB	SL	2	0.54	54.0		6	74.8	A	3	61.4	A	
10	I-880/I-238 Interchange	I-880 NB	I-238 EB	SL	2	0.42	32.0		6	59.3	A	5	13.2	(F)	
11	I-880/I-238 Interchange	I-238 WB	I-880 SB	SL	2	0.76	53.0		6	78.2	A	5	51.2	A	
12	I-580 /I-238 Interchange	I-580 SB	I-238 EB	Hay	2	0.35	37.0		6	21.6	E	3	22.9	D	
13	I-580 /I-238 Interchange	I-238 WB	I-580 NB	Hay	2	0.32	38.0		6	37.2	A	4	42.7	A	
24.5	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleas	4	0.46	35.0		4	24.5	C	5	23.8	D	
15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleas	4	0.28	42.0		6	26.0	D	6	23.8	E	
16	I-580/I-680 Interchange	I-680 NB	I-580 EB	Pleas	4	0.90	63.8	93	6	58.2	A	6	47.5	C	
17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleas	4	0.66	41.0		6	49.7	A	5	41.8	A	
18	I-580/I-680 Interchange	I-580 WB	I-680 NB	Pleas	4	0.41	51.5		6	45.7	B	6	42.4	B	
19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleas	4	0.66	39.0	08	6	31.3	B	6	25.1	D	
20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleas	4	1.23	68.1	92,02	6	65.4	A	6	56.5	B	
21	I-580/I-680 Interchange	I-680 SB	I-580 WB	Pleas	4	0.43	58.4	02	5	50.9	B	6	44.9	C	
22	I-680/SR 260 Connection*	I-680 SB	SR-260 WB	Oak	1	0.99	32.0		8	17.2	E	0			
23	I-680/SR 260 Connection	SR-260 EB	I-680 NB	Oak	1	0.36	35.0	98, 08-10	8	15.7	(F)	3	11.0	(F)	

*Starting from the 2010 LOS Monitoring runs, the travel route has been changed to the correct route of I-880 SB ramp exit to 5th Street and then connecting to Webster Tube from Broadway/5th Street intersection under the I-880 bridge.

Highlighted cells indicate ramps where runs are still needed

Updated Draft 2012 LOS Results for Freeways - AM Peak Period											Handout I-D		
	CMP Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS F (Years)	2010 LOS results		2012 LOS results		
		From	To						Speed	LOS	# of Runs	Speed	LOS
1	I-80 - EB	SF County Line	Toll Plaza	Oak	1	2.06	10		57.3	B	7	57.2	B
2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1	1.15	10		55.8	B	7	55.8	B
3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emery - Berk	1	0.79	10		75.5	A	7	72.9	A
4	I-80 - EB	Powell	Ashby	Emery - Berk	1	0.67	10		54.6	C	7	51.2	C
5	I-80 - EB	Ashby	University	Emery - Berk	1	1.34	10		66.2	A	7	64.4	A
6	I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1	1.51	10		66.2	A	7	62.4	A
7	I-80 - EB	Jct I-580 (off)	Central (on)	Berk - Alb	1	1.12	10		64.0	A	7	59.4	B
8	I-80 - WB	Central	Jct I-580	Berk - Alb	1	0.70	10	08	37.0	E	7	22.7	(F30)
9	I-80 - WB	Jct I-580	Univerity	Berk - Alb	1	1.49	10	08	33.3	E	7	24.9	(F30)
10	I-80 - WB	University	Ashby	Emery - Berk	1	1.36	10		50.9	C	7	47.7	D
11	I-80 - WB	Ashby	Powell	Emery - Berk	1	0.64	10		45.4	D	7	49.3	C
12	I-80 - WB	Powell	I-80/I-580 (Split)	Emery - Berk	1	0.42	10		46.3	D	7	47.3	D
13	I-80 - WB	I-580 Split	Toll Plaza	Oak	1	1.20	10	97-10	8.1	(F10)	7	6.0	(F10)
14	I-80 - WB	Toll Plaza	SF County	Oak	1	2.00	10	97-10	13.4	(F20)	7	17.8	(F20)
15	I-238 - EB	I-880	I-580	Uninc-San L	2	2.28	6		63.5	A	10	60.3	A
16	I-238 - WB	I-580	I-880	Uninc-San L	2	1.60	6	97-08	32.1	E	7	20.0	(F20)
17	I-580 - EB	I-580/I-238 changed fm (I-238/Fthl Off)	Grove	Unincorp	2	2.88	8		55.5	B	5	55.1	B
18	I-580 EB	Grove	Eden Canyon	Uninc - Pleas	4	2.17	8		64.6	A	5	63.7	A
19	I-580 EB	Eden Canyon	San Ramon/ Foothill	Uninc - Pleas	4	4.80	8		61.9	A	5	58.7	B
20	I-580 EB	San Ramon/ Foothill	I-680	Uninc - Pleas	4	0.77	8		68.9	A	5	62.4	A
21	I-580 EB	I-680	Hopyard	Plea	4	0.76	8		63.8	A	5	61.3	A
22	I-580 EB	Hopyard	Santa Rita	Plea	4	1.96	8		68.8	A	5	66.9	A
23	I-580 EB	Santa Rita	El Charro	Uninc-Pleas	4	1.24	8		68.4	A	5	68.0	A
24	I-580 EB	El Charro	SR 84/Airway Blvd.	Unincorp	4	1.52	8		67.8	A	5	67.9	A
25	I-580 EB	SR 84/Airway Blvd.	Portola	Unincorp	4	1.71	8		67.2	A	5	68.6	A
26	I-580 - EB	Portola	1st St	Liv	4	2.70	8		66.3	A	5	68.2	A
27	I-580 - EB	1st St	Greenville	Liv-Uninc	4	1.98	8		55.5	B	5	56.7	B
28	I-580 - EB	Greenville	N.Flynn	Uninc	4	1.50	8		43.2	D	5	42.5	D
29	I-580 - EB	N.Flynn	Grant Line	Uninc	4	3.19	8		50.4	C	5	50.7	C
30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Uninc	4	1.11	8		47.0	D	5	46.9	D
31	I-580 - WB	I-205 (SJ Co)	Grant Line	Liv - Uninc	4	0.89	8	04	36.0	E	6	35.8	E
32	I-580 - WB	Grant Line	N Flynn	Liv - Uninc	4	4.56	8	04	56.2	B	6	53.6	C
33	I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	4	2.34	8	04	56.9	B	6	43.4	D
34	I-580 - WB	Greenville Rd	1st St	Liv - Uninc	4	2.30	8	04,08-10	28.9	(F30)	6	27.3	(F30)

Updated Draft 2012 LOS Results for Freeways - AM Peak Period											Handout I-D		
	CMP Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS F (Years)	2010 LOS results		2012 LOS results		
		From	To						Speed	LOS	# of Runs	Speed	LOS
35	I-580 - WB	1st St	Portola Ave	Liv	4	2.52	8	08-10	29.4	(F30)	6	23.9	(F30)
36	I-580 - WB	Portola	SR 84/Airway Blvd	Liv - Plea	4	1.76	8	04,08	42.4	D	6	39.2	E
37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Plea	4	1.78	8	04,08	46.9	D	5	37.5	E
38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Plea	4	1.16	8	04,08	55.4	B	5	43.0	D
39	I-580 - WB	Tassajara Rd	I-680	Plea	4	2.87	8		62.9	A	5	48.3	D
40	I-580 - WB	I-680	San Ramon Rd	Plea - Uninc	4	0.69	8		62.8	A	5	65.0	A
41	I-580 - WB	San Ramon Rd	Eden Canyon	Plea - Uninc	4	4.75	8		65.4	A	5	65.4	A
42	I-580 - WB	Eden Canyon	Center St	Plea - Uninc	4	2.28	8		68.9	A	5	66.8	A
43	I-580 - WB	Center	I-580/238	Unincorp	2	1.94	8	02	50.5	C	5	50.3	C
44	I-580 - EB	I-80	I-980	Oak	1	1.24	8		49.8	C	7	49.9	C
45	I-580 - EB	I-980	Harrison	Oak	1	0.95	8		95.9	A	7	67.0	A
46	I-580 - EB	Harrison	Lakeshore	Oak	1	0.69	8		63.2	A	7	62.3	A
47	I-580 - EB	Lakeshore	Coolidge	Oak	1	2.25	8		66.0	A	7	67.4	A
48	I-580 - EB	Coolidge	SH 13 Off	Oak	1	2.15	8		68.3	A	7	67.4	A
49	I-580 - EB	SH 13 Off	MacArthur	Foothill	1	4.09	8		65.6	A	7	64.3	A
50	I-580 - EB	MacArthur	I-580/238	SL - Hay	2	4.33	8		66.5	A	5	66.6	A
51	I-580 - WB	I-238	Foothill/MacArthur	Oak -SL	2	4.42	8		63.0	A	6	74.8	A
52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oak -SL	1	3.89	8		36.2	E	6	61.8	A
53	I-580 - WB	SH 13 Off	Fruitvale	Oak	1	2.36	8	08-10	21.9	(F30)	6	25.5	(F30)
54	I-580 - WB	Fruitvale	Harrison	Oak	1	2.21	8		33.7	E	6	38.5	E
55	I-580 - WB	Harrison	SH 24 On-ramp	Oak	1	1.16	8		37.4	E	6	46.9	D
56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oak	1	0.69	8	02,06-10	13.7	(F20)	6	17.2	(F20)
57	I-580 - EB	Central	I-80 Jct	Alb	1	0.77	4		32.2	E	7	26.8	(F30)
58	I-580 - WB	I-80 Jct	Central	Alb	1	1.07	4		64.1	A	6	69.2	A
59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	3	2.20	6		71.2	A	6	65.5	A
60	I-680 - NB	Rt 262/Mission	Durham Rd	Fre	3	1.34	6		69.2	A	6	66.2	A
61	I-680 - NB	Durham Rd	Washington Blvd	Fre	3	1.54	6		65.6	A	6	65.9	A
62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	3	0.89	6		69.7	A	6	69.7	A
63	I-680 NB	SR 238/Mission	Vargas Rd	Unincorp	3	0.82	6		62.6	A	6	62.4	A
64	I-680 NB	Vargas Rd	Andrade Rd	Unincorp	3	2.64	6		66.0	A	6	65.2	A
65	I-680 NB	Andrade Rd	Calaveras	Unincorp	3	1.13	6		65.8	A	6	64.1	A
66	I-680 NB	Calaveras	Rt.84/Vallecitos	Unincorp	3	0.30	6		74.8	A	6	73.4	A
67	I-680 NB	SR 84	Sunol Blvd	Plea - Uninc	4	3.45	6		68.8	A	6	68.3	A
68	I-680 NB	Sunol Blvd.	Bernal Ave	Plea - Uninc	4	1.52	6		66.2	A	6	64.6	A
69	I-680 NB	Bernal Ave	Stoneridge Dr	Plea	4	2.39	6		66.5	A	6	65.4	A

Updated Draft 2012 LOS Results for Freeways - AM Peak Period											Handout I-D			
	CMP Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS F (Years)	2010 LOS results		2012 LOS results			
		From	To						Speed	LOS	# of Runs	Speed	LOS	
70	I-680 NB	Stoneridge Dr	I-580	Plea	4	0.84	6		70.6	A	6	70.3	A	
71	I-680 - NB	I-580	Alcosta	Dub	4	1.83	6		60.6	A	6	47.9	D	
72	I-680 - SB	Alcosta	I-580	Dub	4	1.84	6		69.3	A	7	67.5	A	
73	I-680 SB	I-580	Stoneridge Dr	Plea	4	0.76	6		61.0	A	7	44.5	D	
74	I-680 SB	Stoneridge Dr	Bernal	Plea	4	2.55	6		55.6	B	7	40.5	E	
75	I-680 SB	Bernal Ave.	Sunol Blvd	Unincorp	4	1.31	6		37.7	E	7	27.5	(F30)	
76	I-680 SB	Sunol Blvd.	SR 84	Unincorp	4	3.82	6		37.4	E	7	44.9	D	
77	I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Unincorp	3	1.32	6		49.6	C	7	49.0	D	
78	I-680 SB	Andrade Rd	Sheridon Rd	Unincorp	3	1.39	6		51.6	C	7	56.7	B	
79	I-680 SB	Sheridon Rd	Vargas Rd	Unincorp	3	0.81	6		60.3	A	7	58.7	B	
80	I-680 SB	Vargas Rd	SR 238/Mission	Unincorp	3	1.08	6		53.8	C	7	46.7	D	
81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fre	3	1.04	6		54.6	C	7	50.3	C	
82	I-680 - SB	Washington Blvd	Durham Rd	Fre	3	1.52	6		61.6	A	7	51.0	C	
83	I-680 - SB	Durham Rd	Rt 2262/Mission	Fre	3	1.67	6		63.8	A	7	51.3	C	
84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fre	3	2.19	6		60.5	A	7	63.0	A	
85	I-880 - NB	Dix Landing	SR 262/Mission	Fre	3	2.08	8		71.4	A	6	75.3	A	
86	I-880 - NB	SR262/Mission	AutoMall Pkwy	Fre	3	2.44	8		67.9	A	6	68.2	A	
87	I-880 - NB	AutoMall Pkwy	Stevenson	Fre	3	1.54	8		67.8	A	6	67.7	A	
88	I-880 - NB	Stevenson	Decoto	Fre	3	4.04	8		65.1	A	7	66.1	A	
89	I-880 - NB	Decoto	Alvarado Blvd	Fre - Un Cty	3	1.17	8		54.3	C	7	51.9	C	
90	I-880 - NB	Alcarado Blvd	Alvarado-Niles Blvd	Fre- Uni Cty	3	1.17	8		33.8	E	7	45.6	D	
91	I-880 - NB	Alv-Niles	Tennyson	Un Cty - Hay	3	2.65	8	06-10	22.7	(F30)	7	37.6	E	
92	I-880 - NB	Tennyson	SR 92	Hay	2	1.14	8		44.6	D	6	63.3	A	
93	I-880 - NB	SR 92	A St	Hay	2	1.52	8		53.1	C	6	52.1	C	
94	I-880 - NB	A St	I-238 (Marina before 06	Unincorp	2	1.82	8		61.9	A	6	56.3	B	
95	I-880 - NB	I-880/I238 (split)	Marina Blvd	Oak -SL	2	2.66	8		40.6	E	6	32.8	E	
96	I-880 - NB	Marina Blvd	SR 112/Davis	Oak - SL	2	0.79	8	10	25.0	(F30)	6	28.6	(F30)	
97	I-880 - NB	SR 112/Davis	Hegenberger	Oak - SL	2	1.88	8		34.7	E	6	29.7	(F30)	
98	I-880 - NB	Hegenberger	High/42nd	Oak	1	2.47	8	10	26.1	(F30)	6	34.6	E	
99	I-880 - NB	High/42nd	23rd (1st on)	Oak	1	1.06	8	10	24.9	(F30)	6	33.0	E	
100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	1	2.64	8		41.1	D	6	45.9	D	
101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	1	2.38	8		61.8	A	6	63.2	A	
102	I-880 - NB	I-880/I238 (split)	I-880/I-80 (merge)	Oak	1	1.40	8		64.1	A	6	64.3	A	
103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1	1.63	8		67.5	A	8	67.5	A	

Updated Draft 2012 LOS Results for Freeways - AM Peak Period											Handout I-D		
	CMP Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS F (Years)	2010 LOS results		2012 LOS results		
		From	To						Speed	LOS	# of Runs	Speed	LOS
104	I-880 - SB	I-880/I-80 merge	Jct 980	Oak	1	2.65	8		49.2	C	8	83.0	A
105	I-880 - SB	I-980	23rd	Oak	1	2.79	8		47.0	D	8	60.7	A
106	I-880 - SB	23rd St	High/42nd	Oak	1	1.35	8		78.9	A	8	56.7	B
107	I-880 - SB	High/42nd	Hegenberger	Oak	1	2.27	8		61.5	A	8	61.0	A
108	I-880 - SB	Hegenberger	SR 112/Davis	Oak - SL	1	1.69	8		57.3	B	6	60.9	A
109	I-880 - SB	SR 112/Davis	Marina Blvd	Oak - SL	1	0.87	8		69.2	A	6	72.6	A
110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oak - SL	1	2.41	8		42.2	D	6	45.2	D
111	I-880 - SB	I-238 (Marina before 06)	A St	SL-Uninc	2	2.03	8	06-10	19.0	(F20)	6	21.2	(F30)
112	I-880 - SB	A St	Rt 92	Hay	2	1.81	8	97,98,00-02,08-10	25.1	(F30)	6	32.0	E
113	I-880 - SB	Rt 92	Tennyson	Hay	2	0.96	8		35.4	E	6	21.5	(F30)
114	I-880 - SB	Tennyson	Alv-Niles	Hay - UC	2	2.49	8	00	32.7	E	6	22.8	(F30)
115	I-880 - SB	Alvarado-Niles	Alvarado	UC - Fre	2	1.37	8	10	32.7	(F30)	6	25.6	(F30)
116	I-880 - SB	Alvarado	Decoto	UC - Fre	2	1.17	8		36.0	E	6	25.7	(F30)
117	I-880 - SB	Decoto	Stevenson	Fre	3	4.07	8	10	32.9	(F30)	6	19.4	(F20)
118	I-880 - SB	Stevenson	AutoMall Pkwy	Fre	2	1.26	8	04,06	47.5	D	6	33.6	E
119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fre	2	3.04	8	04-08	54.3	C	6	30.1	E
120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fre	3	1.27	8	96-00,04	56.7	B	6	44.3	D
121	I-980 - WB	SR 24 @ 580	I-880	Oak	1	2.27	8		61.6	A	7	63.7	A
122	I-980 - EB	I-880	SR 24 @ 580	Oak	1	2.32	8		61.5	A	6	60.2	A
123	SR 13 - NB	Mountain On	Carson/Redwood (1) (o	Oak	1	1.20	4		91.9	A	6	85.8	A
124	SR 13 - NB	Carson/Redwood (1) (o	Joaguin Miller	Oak	1	1.09	4		45.2	D	6	39.4	E
125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oak	1	1.77	4		33.3	E	6	35.4	E
126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oak	1	1.57	4	06,10	28.8	(F30)	6	23.2	(F30)
127	SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1	1.66	4		58.6	B	6	55.9	B
128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1	2.04	4		71.9	A	6	72.0	A
129	SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1	1.34	4		61.4	A	6	62.6	A
130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1	0.89	4		48.3	D	6	41.6	D
131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oak	1	2.08	8		65.4	A	6	65.2	A
132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1	1.41	8	08-10	17.3	(F20)	6	18.3	(F20)
133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1	1.03	8		38.7	E	6	40.2	E
134	SR 24 - WB	Fisch Ranch Road (CC	Caldecott (exit)	Oak	1	0.99	8		49.4	C	8	50.2	C
135	SR 24 - WB	Caldecott (exit)	Broadway	Oak	1	1.77	8		64.3	A	8	60.3	A
136	SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1	2.19	8		50.2	C	7	49.2	C

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
1	150th St - EB	Hesperian	I-580	SL	0.49	II	2	2		18.5	C	6	15.3	D
2	150th St - WB	I-580	Hesperian	SL	0.49	II	2	2		14.9	D	7	14.9	D
3	A Street - EB	I-880	Western	Hay	1.08	II	2	2		21.7	C	6	24.0	C
4	A Street - EB	Western	SR 238	Hay	0.53	III	2	2		10.3	D	6	7.5	E
5	A Street - WB	SR 238	Western	Hay	0.53	III	2	2		14.0	C	6	11.4	D
6	A Street - WB	Western	I-880	Hay	1.08	II	2	2		25.6	B	6	18.2	C
7	Atlantic - EB	Main	Webster	Ala	0.80	II	1	2		21.4	C	8	24	C
8	Atlantic - WB	Webster	Main	Ala	0.80	II	1	2		27.1	B	8	28	B
9	Hegenberger - EB	SR 61	Edgewater	Oak	0.76	I				22.8	C	6	18.5	D
10	Hegenberger - EB	Edgewater	Baldwin	Oak	0.73	I	1	3		24.8	C	6	24.9	C
11	Hegenberger - EB	Baldwin	E 14th	Oak	1.03	I	1	3		29.3	B	6	28.5	B
12	Hegenberger - WB	E 14th	Baldwin	Oak	1.03	I	1	3		39.6	A	6	35.1	A
13	Hegenberger - WB	Baldwin	Edgewater	Oak	0.73	I	1	3		25.4	C	6	22.0	C
14	Hegenberger - WB	Edgewater	SR 61	Oak	0.76	I	1	3		21.5	D	6	20.9	D
15	Hesperian - NB	Tennyson	SH 92 - WB	Hay	0.47	I	2	3		15.7	E	6	17.8	D
16	Hesperian - NB	SH 92	La Playa	Hay	0.79	II	2	3		25.9	B	6	23.4	C
17	Hesperian - NB	La Playa	W.Winton Ave.	Hay	0.44	II	2	3		25.8	B	6	15.7	D
18	Hesperian - NB	W.Winton Ave	A St	Hay	0.96	II	2	3		26.4	B	6	25.2	B
19	Hesperian - NB	A St	Hacienda	Unin	0.65	II	2	2		24.3	C	6	25.4	B
20	Hesperian - NB	Hacienda	Grant	Unin	0.65	II	2	2		26.9	B	6	30.8	A
21	Hesperian - NB	Grant	Llewelling	Unin	0.28	II	2	2	10	10.0	(F)	6	9.9	(F)
22	Hesperian - NB	Llewelling	Springlake	Unin	0.40	II	2	2		30.5	B	6	24.2	B
23	Hesperian - NB	Springlake	Fairmont	SL	0.66	II	2	2		18.5	C	6	20.1	C
24	Hesperian - NB	Fairmont	14th	SL	0.32	II	2	2		17.3	D	6	18.0	D
25	Hesperian - SB	14th	Fairmont	SL	0.31	II	2	2		12.9	E	7	17.8	D
26	Hesperian - SB	Fairmont	Springlake	SL	0.65	II	2	2		27.0	B	7	22.2	C
27	Hesperian - SB	Springlake	Llewelling	Unin	0.40	II	2	2		14.3	D	7	10.6	E
28	Hesperian - SB	Llewelling	Grant	Unin	0.28	II	2	2		14.5	D	7	15.2	D
29	Hesperian - SB	Grant	Hacienda	Unin	0.65	II	2	2		21.6	C	7	26.9	B
30	Hesperian - SB	Hacienda	A St	Unin	0.65	II	2	2		20.8	C	7	17.0	D
31	Hesperian - SB	A St	W.Winton Ave.	Hay	0.96	II	2	3		15.5	D	7	22.1	C
32	Hesperian - SB	W.Winton Ave	La Playa	Hay	0.44	II	2	3		25.8	B	7	18.7	C
33	Hesperian - SB	La Playa	SH 92	Hay	0.79	II	2	3		17.2	C	7	18.2	C
34	Hesperian - SB	SH 92 - WB	Tennyson	Hay	0.47	I	2	3		16.2	D	6	13.6	E

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
35	Mowry - EB	I-880	Farwell	Fre	0.34	II	3	2		17.6	D	6	19.9	C
36	Mowry - EB	Farwell	SH 84	Fre	2.63	II	3	2		29.4	B	6	26.8	B
37	Mowry - WB	SH 84	Farwell	Fre	2.63	II	3	2		24.9	B	6	27.1	B
38	Mowry - WB	Farwell	I-880	Fre	0.34	II	3	2		24.0	B	6	22.7	C
39	Park/23rd - EB	Encinal	Santa Clara	Ala	0.23	III	1	2		13.2	C	7	22.1	B
40	Park/23rd - EB	Santa Clara	Kennedy	Ala	0.66	III	1	2		11.9	D	7	12.3	D
41	Park/23rd - EB	Kennedy	E 11th	Ala - Oak	0.49	II	1	2		17.2	D	7	16.5	D
42	Park/23rd - WB	E 11th	Kennedy	Ala - Oak	0.45	II	1	2		23.7	C	8	24.8	B
43	Park/23rd - WB	Kennedy	Santa Clara	Ala	0.66	III	1	2		13.1	C	8	15.4	C
44	Park/23rd - WB	Santa Clara	Encinal	Ala	0.23	III	1	2		22.0	B	8	12.4	D
45	MLK Jr Way - NB	SH 24	Adeline	Oak	0.90	II	1	2		24.9	B	4	22.9	C
46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berk	0.30	II	1	2		18.6	C	4	12.9	E
47	Adeline - NB	MLK Jr - North	Shattuck	Berk	0.63	II	1	2		17.7	D	4	20.5	C
48	Shattuck NB	Adeline	Dwight	Berk	0.32	II	1	2		23.7	C	4	23.5	C
49	Shattuck NB	Dwight	University	Berk	0.63	III	1	2		24.2	B	4	18.9	C
50	Shattuck SB	University	Dwight	Berk	0.63	III	1	2		17.9	C	4	15.4	C
51	Shattuck SB	Dwight	Adeline	Berk	0.32	II	1	2		30.1	A	4	29.4	B
52	Adeline - SB	Shattuck	MLK Jr - North	Berk	0.63	II	1	2		18.6	C	4	17.0	D
53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berk	0.30	II	1	2		15.6	D	4	19.0	C
54	MLK Jr Way - SB	Adeline	SH 24	Oak	0.88	II	1	2		21.8	C	4	19.1	C
55	Tennyson - EB	Hesperian	I-880	Hay	0.88	I	2	2		21.0	D	6	21.8	D
56	Tennyson - EB	I-880 NB	Rt 238	Hay	1.55	II	2	2		20.7	C	6	20.9	C
57	Tennyson - WB	Rt 238	I-880	Hay	1.63	II	2	2		17.5	D	6	18.1	C
58	Tennyson - WB	I-880	Hesperian	Hay	0.85	I	2	2		16.0	E	6	22.3	C
59	University - EB	I-80 SB	6th	Berk	0.40	II	1	2		25.3	B	8	20.8	C
60	University - EB	6th	San Pablo	Berk	0.31	II	1	2		20.2	C	8	17.5	D
61	University - EB	San Pablo	Sacramento	Berk	0.56	II	1	2		12.7	E	8	19.6	C
62	University - EB	Sacramento	ML King	Berk	0.48	II	1	2		16.0	D	8	18.8	C
63	University - EB	ML King	Shattck Pl	Berk	0.30	III	1	2		25.6	A	8	18.0	C
64	University - WB	Shattck Pl	ML King	Berk	0.30	III	1	2		17.3	C	7	17.3	C
65	University - WB	ML King	Sacramento	Berk	0.48	II	1	2		20.9	C	7	19.9	C
66	University - WB	Sacramento	San Pablo	Berk	0.56	II	1	2		19.4	C	7	20.0	C

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
67	University - WB	San Pablo	6th	Berk	0.31	II	1	2		15.4	D	7	20.3	C
68	University - WB	6th	I-80 SB	Berk	0.40	II	1	2		37.3	A	6	38.6	A
69	SR 13 Ashby - WB	Hiller	Domingo	Oak - Berk	0.79	II	1	2		20.8	C	6	19.3	C
70	SR 13 Ashby - WB	Domingo	College	Berk	0.50	III	1	1		15.0	C	6	14.4	C
71	SR 13 Ashby - WB	College	Telegraph	Berk	0.38	III	1	1		20.4	B	6	18.0	C
72	SR 13 Ashby - WB	Telegraph	Shattuck	Berk	0.38	III	1	1		20.1	B	6	13.1	C
73	SR 13 Ashby - WB	Shattuck	ML King	Berk	0.24	III	1	1		10.3	D	6	9.3	D
74	SR 13 Ashby - WB	ML King	San Pablo	Berk	0.87	III	1	1		18.0	C	6	18.3	C
75	SR 13 Ashby - WB	San Pablo	I-80 Ramps	Berk	0.64	II	1	2		19.1	C	6	16.8	D
76	SR 13 Ashby - EB	I-80	San Pablo	Berk	0.61	II	1	2		19.7	C	6	19.5	C
77	SR 13 Ashby - EB	San Pablo	ML King	Berk	0.87	III	1	1		19.7	B	6	19.0	C
78	SR 13 Ashby - EB	ML King	Shattuck	Berk	0.24	III	1	1		12.6	D	6	10.6	D
79	SR 13 Ashby - EB	Shattuck	Telegraph	Berk	0.38	III	1	1		21.4	B	6	18.5	C
80	SR 13 Ashby - EB	Telegraph	College	Berk	0.38	III	1	1		18.8	C	6	21.3	B
81	SR 13 Ashby - EB	College	Domingo	Berk	0.50	III	1	1		19.7	B	6	20.7	B
82	SR 13 Ashby - EB	Domingo	Hiller	Berk - Oak	0.79	II	1	2		28.7	B	6	30.2	A
83	SR 61 - SB	Atlantic	Cent/Webster	Ala	0.55	III	1	2		16.5	C	7	17.3	C
84	SR 61 - SB	Cent/Webster	Sher/Encino	Ala	0.73	II	1	2		20.8	C	8	19.4	C
85	SR 61 - SB	Sher/Encino	Park	Ala	1.22	II	1	1		21.4	C	8	21.4	C
86	SR 61 - SB	Park	High/Otis	Ala	1.06	II	1	1		23.4	C	8	24.7	B
87	SR 61 (Doolittle) - SB	High	Island Dr	Ala	0.41	II	1	2		16.4	D	8	21.9	C
88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay	Ala	0.50	I	1	2		30.4	B	7	36.6	A
89	SR 61 - SB	Harbor Bay	Airport Dr	Oak	2.15	I	1	1		35.5	A	7	32.6	B
90	SR 61 (Doolittle) - SB	Airport	Davis	Oak - SL	0.95	I	1	2		40.6	A	7	27.6	C
91	SR 61 (Doolittle) - NB	Davis	Airport	SL - Oak	0.95	I	2	2		32.8	B	7	36.1	A
92	SR 61 - NB	Airport Dr	Harbor Bay	Ala	2.15	I	1	1		40.8	A	7	36.6	A
93	SR 61 (Doolittle) - NB	Harbor Bay	Island Dr	Ala	0.50	I	1	2		31.0	A	7	25.9	B
94	SR 61 (Doolittle) - NB	Island Dr	High/Otis	Ala	0.41	II	1	2		21.6	C	7	12.3	E
95	SR 61 - NB	High/Otis	Park	Ala	1.06	II	1	1		24.0	C	7	25.0	B

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
96	SR 61 - NB	Park/Encnal	Sher/Cent	Ala	1.22	II	1	1		20.5	C	7	15.5	D
97	SR 61 - NB	Sher/Cent	Web/Cent	Ala	0.73	II	1	2		23.0	C	7	23.1	C
98	SR 61 - NB	Cent/Web	Atlantic	Ala	0.55	III	1	2		11.6	D	7	15.6	C
99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oak	0.32	I	1	2		29.9	B	Data not collected due to construction		
100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oak	0.30	I	1	2		32.7	B			
101	Decoto - WB	SH 238/Mission	Union Square	UC	0.85	II	3	2		16.5	D	6	20.2	C
102	Decoto - WB	Union Square	Alv-Niles Rd	UC	0.25	II	3	2		17.1	C	6	23.5	C
103	Decoto - WB	Alv-Niles Rd	Fremont CL	UC	0.66	II	3	2		24.9	B	6	22.7	C
104	Decoto - WB	Fremont CL	I-880 NB (off)	Fre	1.15	II	3	2		15.2	D	6	11.1	E
105	Decoto - EB	I-880 NB (off)	Union City CL	Fre	1.15	II	3	2		24.5	B	6	26.9	B
106	Decoto - EB	Union City CL	Alv-Niles Rd	UC	0.66	II	3	2		17.7	D	6	21.9	C
107	Decoto - EB	Alv-Niles Rd	Union Square	UC	0.25	II	3	2		17.1	D	6	11.8	E
108	Decoto - EB	Union Square	SH 238/Mission	UC	0.85	II	3	2		18.2	C	6	17.6	D
109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fre	0.78	I	3			31.9	B	10	32.0	C
110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fre	1.66	I	3			28.0	C	10	29.2	B
111	SR 84/Fremont(Fre)-W	Peralta	Thornton	Fre	0.33	II	3			9.8	(F)	10	9.5	(F)
112	SR 84/Thornton(Fre)-W	Fremont	I-880 SB	Fre	1.29	II	3			23.6	C	10	23.4	C
113	SR 84/Thornton (Fre)-E	I-880 SB	Fremont	Fre	1.29	II	3	4		22.5	C	8	25.3	B
114	SR 84/Fremont (Fre)-E	Thornton	Peralta	Fre	0.32	II	3	4		11.4	E	8	11.8	E
115	SR 84/Peralta (Fre) - E	Fremont	Mowry	Fre	1.64	I	3	2		28.8	B	8	25.1	C
116	SR 84/Mowry (Fre) - E	Peralta	SH 238	Fre	0.87	I	3	4(2)		23.0	C	6	20.9	D
117	1st Street - SB	I-580 Off	N Mines	Liv	0.61	I				21.3	D	8	25.1	C
118	1st Street - SB	N Mines	Inman	Liv	1.05	I				39.4	A	8	29.0	B
119	1st Street - NB	Inman	N Mines	Liv	1.05	I				34.8	B	8	31.7	B
120	1st Street - NB	N Mines	I-580 Off	Liv	0.61	I				29.6	B	8	30.2	B

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
121	SR 84 - EB	SR 238/Mission	Union City Limit	Fre	1.59	41.9	3	2		40.5	A	6	38.9	A
122	SR 84 - EB	Union City Limit	Palamores	Fre	0.94	44.5	3	2		43.2	A	6	42.6	A
123	SR 84 - EB	Palamoras	Niles Cnyn Quar	Fre	2.16	43.8	3	2		43.2	A	6	40.7	A
124	SR 84 - EB	Niles Cnyn Quar	Sunol Rd	Fre	1.75	46.7	3	2		47.3	A	6	44.8	A
125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fre	0.53	27.6	3	2		19.2	D	6	9.3	(F)

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
126	SR 84 - EB	Ple-Sunol Rd	SR 84 (Off)/I-680	Unin	0.77	42.9	4	2		40.9	A	6	40.6	A
127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ln	Unin	1.07	50.8	4	2		44.9	B	6	48.0	A
128	SR 84 - EB	Vallecitos Ln	Vallecitos Nuc.C	Unin	1.14	57.5	4	2		56.9	A	6	53.4	A
129	SR 84 - EB	Vallecitos Nuc Ce	Culvert (Lat/Lon	Unin	1.65	58.3	4	2		57.4	A	6	55.1	A
130	SR 84 - EB	Culvert (Lat/Long	Ruby Hill /Kaitho	Unin	1.62	59.2	4	2		57.4	A	6	56.6	A
131	SR 84 - EB	Ruby Hill./Kaitho	Isabel/Vallecitos	Unin	0.38	I	4	2		37.2	A	6	39.3	A
132	SR 84 (Liv) - NB	Vallecitos/Isabel	Vineyard	Liv	1.12	I	4	2		44.6	A	6	40.5	A
133	SR 84 (Liv) - NB	Vineyard	Concannon	Liv	0.60	I	4	2		43.0	A	6	33.1	B
134	SR 84 (Liv) - NB	Concannon	Stanley	Liv	1.07	I	4	2		40.3	A	6	38.7	A
135	SR 84 (Liv) - NB	Stanley	W. Jack London	Liv	0.88	I	4	2		41.2	A	6	38.8	A
136	SR 84 (Liv) - NB	W. Jack London	Airway/Kitty Hav	Liv	0.49	I	4	2		19.5	D	6	18.0	D
137	SR 84 (Liv) - NB	Airway/Kitty	I-580	Liv	1.06	I	4	2		26.6	C	6	32.7	B
138	SR 84 (Liv) - SB	I-580	Airway/Kitty Hav	Liv	1.06	I	4	2		28.7	B	6	33.7	B
139	SR 84 (Liv) - SB	Airway/Kitty	W. Jack London	Liv	0.49	I	4	2		36.7	A	6	32.9	B
140	SR 84 (Liv) - SB	W. Jack London	Stanley	Liv	0.90	I	4	2		48.0	A	6	45.6	A
141	SR 84 (Liv) - SB	Stanley	Concannon	Liv	1.05	I	4	2		40.5	A	6	36.0	A
142	SR 84 (Liv) - SB	Concannon	Vineyard	Liv	0.60	I	4	2		22.8	C	6	26.0	C
143	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Liv	1.12	I	4	2		18.9	D	6	12.3	(F)
144	SR 84 - WB	Isabel/Vallecitos	Ruby Hill /Kaitho	Liv	0.38	I	4	2		39.7	A	6	32.1	B
145	SR 84 - WB	Ruby Hill /Kaitho	Culvert (Lat/Lon	Pleas	1.62	55.8	4	2		47.4	B	6	14.3	(F)
146	SR 84 - WB	Culvert (Lat/Long	Vallecitos Nuc.C	Unin	1.65	56.5	4	2		45.4	B	6	37.0	D
147	SR 84 - WB	Vallecitos Nuc.Cr	Vallecitos Ln	Unin	1.14	52.5	3	2		52.0	A	6	51.8	A
148	SR 84 - WB	Vallecitos Ln	SR 84/I-680 NB	Unin	0.21	55.3	3	2		57.1	A	6	55.3	A
149	SR 84 - WB	SR 84/I-680 NB	Ple-Sunol Rd	Fre	1.27	41.4	3	2		38.0	B	8	34.5	B
150	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fre	0.53	41.9	3	2		41.9	A	8	41.7	A
151	SR 84 - WB	Sunol Rd	Niles Canyon Qu	Fre	1.75	48.5	3	2		46.9	A	8	47.7	A
152	SR 84 - WB	Niles Canyon Qu	Fremont City Lim	Fre	1.00	47.5	3	2		45.4	A	8	47.6	A
153	SR 84 - WB	Fremont City Lim	Union City Limit	Fre	2.10	41.8	3	2		42.5	A	8	44.6	A
154	SR 84 - WB	Union City Limit	SR 238	Fre	1.62	31.7	3	2		28.4	B	8	24.4	C
155	SR 92 - EB	I-880	Mission	Hay	1.59	II	2	3		18.4	C	7	18.8	C

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
156	SR 92 - WB	Mission	I-880	Hay	1.59	II	2	3		16.6	D	6	19.1	C
157	SR 112 (Davis) - EB	Doolittle	I-880	SL	0.51	II	2	2		31.2	A	8	23.5	C
158	SR 112 (Davis) - EB	I-880	San Leandro	SL	1.01	II	2	2		24.5	B	8	22.3	C
159	SR 112 (Davis) - EB	San Leandro	14th	SL	0.28	III	2	2		14.5	C	8	15.4	C
160	SR 112 (Davis) - WB	E 14th	San Leandro	SL	0.28	III	2	2		14.0	C	7	12.9	D
161	SR 112 (Davis) - WB	San Leandro	I-880	SL	1.00	II	2	2		29.0	B	7	29.3	B
162	SR 112 (Davis) - WB	I-880	Doolittle	SL	0.51	II	2	2		21.5	C	7	21.1	C
163	SR 123 San Pablo - SE	Carlson	Washington	Alb	0.53	II	1	2		30.4	B	5	24.7	B
164	SR 123 San Pablo - SE	Washington	Marin	Alb	0.44	III	1	2		19.6	C	5	16.3	C
165	SR 123 San Pablo - SE	Marin	Gilman	Alb - Berk	0.47	II	1	2		24.2	C	5	25.6	B
166	SR 123 San Pablo - SE	Gilman	University	Berk	0.86	II	1	2		18.7	D	5	16.8	D
167	SR 123 San Pablo - SE	University	Allston	Berk	0.20	III	1	2		23.2	B	5	32.4	A
168	SR 123 San Pablo - SE	Allston	Dwight	Berk	0.4	II	1	2		25.0	B	5	24.9	B
169	SR 123 San Pablo - SE	Dwight	Ashby	Berk	0.68	II	1	2		27.6	B	5	22.6	C
170	SR 123 San Pablo - SE	Ashby	Stanford	Berk	0.81	II	1	2		23.1	C	5	23.4	C
171	SR 123 San Pablo - SE	Stanford	53rd	Oak	0.27	II	1	2		25.8	B	5	26.7	B
172	SR 123 San Pablo - SE	53rd	Park	Emer	0.34	II	1	2		24.9	C	5	18.9	C
173	SR 123 San Pablo - SE	Park	35th	Emer - Oak	0.45	II	1	2		21.4	C	5	17.5	D
174	SR 123 San Pablo - NE	35th	Park	Oak - Emer	0.45	II	1	2		20.9	C	5	16.7	D
175	SR 123 San Pablo - NE	Park	53rd	Emer	0.34	II	1	2		24.0	B	5	23.0	C
176	SR 123 San Pablo - NE	53rd	Stanford	Oak	0.27	II	1	2		27.9	B	5	33.3	A
177	SR 123 San Pablo - NE	Stanford	Ashby	Oak	0.81	II	1	2		25.9	B	5	25.3	B
178	SR 123 San Pablo - NE	Ashby	Dwight	Berk	0.68	II	1	2		32.1	A	5	27.6	B
179	SR 123 San Pablo - NE	Dwight	Allston	Berk	0.4	II	1	2		30.9	A	5	31.4	A
180	SR 123 San Pablo - NE	Allston	University	Berk	0.20	III	1	2		17.2	C	5	22.1	B
181	SR 123 San Pablo - NE	University	Gilman	Berk	0.86	II	1	2		31.0	A	5	28.8	B

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
182	SR 123 San Pablo - NB	Gilman	Marin	Alb - Berk	0.47	II	1	2		26.4	C	5	31.6	A
183	SR 123 San Pablo - NB	Marin	Washington	Alb	0.45	III	1	2		37.7	A	5	28.3	A
184	SR 123 San Pablo - NB	Washington	Carlson	Alb	0.53	II	1	2		29.7	A	5	29.1	B
185	SR 185 (14th) - SB	42nd	46th St	Oak	0.26	II				16.7	D	6	21.9	C
186	SR 185 (14th) - SB	46th St	Seminary	Oak	0.79	II				25.4	B	6	29.6	B
187	SR 185 (14th) - SB	Seminary	73rd	Oak	0.80	II	1	2		15.5	D	6	12.1	E
188	SR 185 (14th) - SB	73rd Ave	98th Ave	Oak	1.39	II	1	2		21.1	C	6	21.8	C
189	SR 185 (14th) - SB	98th	Broadmoor	Oak	0.74	II	1	2		25.9	B	6	24.5	B
190	SR 185 (14th) - SB	Broadmoor	Davis	SL	0.73	II	2	2		22.4	C	7	22.1	C
191	SR 185 (14th) - SB	Davis	San Leandro	SL	1.04	III	2	2		20.2	B	7	21.8	B
192	SR 185 (14th) - SB	San L Blvd	Hesperian	SL	0.94	II	2	2		23.1	C	7	22.5	C
193	SR 185 (14th) - SB	Hesperian	Bayfair	SL	0.46	II	2	2		22.2	C	7	28.9	B
194	SR 185 (14th) - SB	Bayfair	170th	Unin	1.24	II	3	2		24.8	B	6	25.1	B
195	SR 185 (14th) - SB	170th	Llewelling	Unin	0.21	II	3	2		21.2	C	6	25.2	B
196	SR 185 (14th) - SB	Llewelling	Sunset	Unin	1.02	II	3	2		22.7	C	6	23.4	C
197	SR 185 Hayward - SB	Sunset	SR 92/238	Hay	0.84	III	2	2		17.3	C	6	12.8	D
198	SR 185 Hayward - NB	SR 92/238	Sunset	Hay	0.84	III	2	2		20.2	B	6	17.0	C
199	SR 185 (14th) - NB	Sunset	Llewelling	Unin	1.11	II	3	2		24.8	B	6	25.5	B
200	SR 185 (14th) - NB	Llewelling	170th	Unin	0.21	II	3	2		29.7	B	6	22.5	C
201	SR 185 (14th) - NB	170th	Bayfair	Unin	1.24	II	3	2		26.3	B	6	26.4	B
202	SR 185 (14th) - NB	Bayfair	Hesperian	SL	0.47	II	2	2		29.5	B	7	26.0	B
203	SR 185 (14th) - NB	Hesperian	San L Blvd	SL	0.94	II	2	2		22.4	C	7	23.7	C
204	SR 185 (14th) - NB	San Leandro	Davis	SL	1.02	III	2	2		13.5	C	7	19.3	B
205	SR 185 (14th) - NB	Davis	Broadmoor	SL	0.72	II	2	2		23.4	C	7	23.5	C
206	SR 185 (14th) - NB	Broadmoor	98th	Oak	0.74	II	1	2		20.7	C	5	16.0	D
207	SR 185 (14th) - NB	98th Ave	73rd Ave	Oak	1.37	II	1	2		19.4	C	5	20.2	C
208	SR 185 (14th) - NB	73rd Ave	Seminary	Oak	0.60	II	1	2		13.6	E	5	10.8	E
209	SR 185 (14th) - NB	Seminary	46th St	Oak	0.79	II				24.2	B	5	29.8	B
210	SR 185 (14th) - NB	46th St	42nd	Oak	0.26	II			10	7.2	(F)	5	8.8	(F)
211	SR 238 (Foothill) - NB	Jackson	City Center	Hay	0.62	III	2	3		14.4	C	7	10.6	D
212	SR 238 (Foothill) - NB	City Center	I-580	Unin-Hay	0.73	II	3	3		30.9	A	7	19.5	C

Preliminary Draft Results for 2012 LOS Monitoring Study for Arterials - AM Peak Period														
#	CMP Route	Segment Limits		Jurisdiction	Length (miles)	Arterial	Plan	No of Lanes	Prior LOS "F"	2010 LOS Results		2012 LOS Results		
		From	To							Speed	LOS	# of Runs	Speed	LOS
213	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Unin	0.71	I	3			47.6	A	7	48.0	A
214	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Unin	0.86	I	3			64.0	A	6	46.4	A
215	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hay-Unin	1.03	II	2	3		17.6	D	6	23.8	C
216	SR 238 (Foothill) - SB	City Center	Jackson	Hay	0.62	III	2	3		11.7	D	6	11.3	D
217	SR 238 (Mission) - NB	680 NB Rmp	Stevenson	Fre	2.46	I	3	2		35.5	A	6	37.2	A
218	SR 238 (Mission) - NB	Stevenson	Nursery	Fre	2.57	I	3	2		43.0	A	6	38.2	A
219	SR 238 (Mission) - NB	Nursery	Tamarack	UC	2.10	I	3	2		31.6	B	6	29.8	B
220	SR 238 (Mission) - NB	Tamarack	Industrial	UC - Hay	1.96	I	3	2		31.9	B	6	31.8	B
221	SR 238 (Mission) - NB	Industrial	Sorenson	Hay	1.47	II	2	2		30.1	A	6	24.4	B
222	SR 238 (Mission) - NB	Sorenson	Jackson	Hay	1.83	II	2	2		25.6	B	6	20.2	C
223	SR 238 (Mission) - SB	Jackson	Sorenson	Hay	1.83	II	2	2		26.0	B	6	18.1	C
224	SR 238 (Mission) - SB	Sorenson	Industrial	Hay	1.47	II	2	2		24.1	B	6	20.4	C
225	SR 238 (Mission) - SB	Industrial	Tamarack	Hay - UC	1.96	I	2	2		33.4	B	6	31.7	B
226	SR 238 (Mission) - SB	Tamarack	Nursery	UC	2.07	I	3	2		25.3	C	6	22.5	C
227	SR 238 (Mission) - SB	Nursery	Stevenson	Fre	2.57	I	3	2		30.0	B	5	30.1	B
228	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fre	2.46	I	3	2		24.1	C	5	28.4	B
229	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oak	1.31	I	1	2		34.7	A	7	18.0	C
230	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oak	1.31	I	1	2		14.5	C	8	15.4	C
231	SR 262 (Mission) - EB	I-880 NB	I-680 NB	Fre	1.33	I	3	2		25.9	C	6	28.7	B
232	SR 262 (Mission) - WB	I-680 NB	I-880 SB	Fre	1.11	I	3	2		21.3	D	6	21.6	D
		Highlighted cells indicate segment where either regular travel time runs are not completed yet or additional runs are requested based on comments												

ACTAC Meeting 06/05/12
 Agenda Item 5D
 Handout I-F

Preliminary Draft 2012 LOS Monitoring Study Results- Ramps and Special Segments for AM Peak Period													
#	CMP Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Free Flow Speed	2010 LOS Results		2012 LOS Results		
		From:	To:						Speed	LOS	#of Runs	Speed	LOS
1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oak	1	0.30	1	38.0	49.9	A	4	61.7	A
2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oak	1	0.41	1	40.0	32.4	B	4	34.1	B
3	SR 24 WB/I-580 WB	SR 24 ON	I-580 OFF	Oak	1	0.69	2	Weaving	29.7	N/A	2	38.2	N/A
4	I-580/SR 24 Interchange	I-580 WB	SR-24 EB	Oak	1	0.51	2	45.0	36.7	B	2	31.9	C
5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oak	1	0.74	2	51.0	52.7	A	0		
6	SR13/SR 24 Interchange**	SR-13 NB	SR-24 EB	Oak	1	0.32	1	40.0	5.2	(F)	0		
7	SR13/SR 24 Interchange	SR-24 WB	SR-13 SB	Oak	1	0.16	1	31.0	32.0	A	0		
8	I-880/I-238 Interchange	I-880 SB	I-238 EB	SL	2	0.74	2	47.0	49.9	A	2	50.7	A
9	I-880/I-238 Interchange	I-238 WB	I-880 NB	SL	2	0.54	1	54.0	32.7	D	2	43.7	B
10	I-880/I-238 Interchange	I-880 NB	I-238 EB	SL	2	0.42	1	32.0	61.5	A	6	44.9	A
11	I-880/I-238 Interchange	I-238 WB	I-880 SB	SL	2	0.76	1	53.0	47.2	A	7	36.8	D
12	I-580 /I-238 Interchange	I-580 SB	I-238 EB	Hay	2	0.35	1	37.0	21.5	E	6	22.8	D
13	I-580 /I-238 Interchange	I-238 WB	I-580 NB	Hay	2	0.32	1	38.0	37.6	A	4	41.5	A
14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleas	4	0.46	1	35.0	24.0	C	4	16.6	(F)
15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleas	4	0.28	1	42.0	26.0	D	5	20.3	(F)
16	I-580/I-680 Interchange	I-680 NB	I-580 EB	Pleas	4	0.90	2	63.8	60.6	A	5	49.7	C
17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleas	4	0.66	1	41.0	47.5	A	4	35.7	B
18	I-580/I-680 Interchange	I-580 WB	I-680 NB	Pleas	4	0.41	1	51.5	45.0	B	5	45.6	B
19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleas	4	0.66	1	39.0	28.2	C	4	23.5	D
20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleas	4	1.23	2	68.1	59.8	B	4	55.4	B
21	I-580/I-680 Interchange	I-680 SB	I-580 WB	Pleas	4	0.43	1	58.4	53.4	A	5	42.5	C
22	I-880/SR 260 Connection*	I-880 SB	SR-260 WB	Oak	1	0.99	1	32.0	24.0	A	0	please see the note below for these runs	
23	I-880/SR 260 Connection	SR-260 EB	I-880 NB	Oak	1	0.36	1	35.0	18.8	E	3	35.0	(F)

*Starting from the 2010 LOS Monitoring runs, the travel route has been changed to the correct route of I-880 SB ramp exit to 5th Street and then connecting to Webster Tube from Broadway/5th Street intersection under the I-880 bridge.

Highlighted cells indicate ramps where runs are still needed

Preliminary Draft 2012 LOS Results for Tier 2 CMP Roadways - PM Peak Period									
	CMP Tier 2 Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	2012 LOS Results	
		From	To					# Runs	Speed
1	W.Grand Ave - Grand Ave -EB	I-80/Maritime St	San Pablo Ave	Oakland	1	1.09		7	13.9
2	W.Grand Ave - Grand Ave -EB	San Pablo Ave	Broadway	Oakland	1	0.40		7	10.8
3	W.Grand Ave - Grand Ave -EB	Broadway	I-580	Oakland	1	1.62		7	24.3
4	W.Grand Ave - Grand Ave -WB	I-580	Broadway	Oakland	1	1.62		5	23.9
5	W.Grand Ave - Grand Ave -WB	Broadway	San Pablo Ave	Oakland	1	0.40		6	12.0
6	W.Grand Ave - Grand Ave -WB	San Pablo Ave	I-80/Maritime St	Oakland	1	1.09		6	11.4
7	12th St - Lakeshore Ave-EB	I-980 OFF Ramp/Brush St	Webster	Oakland	1	0.46		5	16.8
8	12th St - Lakeshore Ave-EB	Webster	Lake Merrit Blvd	Oakland	1	0.59		5	21.2
9	12th St - Lakeshore Ave-EB	Lake Merrit Blvd	MacArthur Blvd/I-580 ON Ramp	Oakland	1	1.30		5	16.3
10	12th St - Lakeshore Ave-WB	MacArthur Blvd/I-580 ON Ramp	Lake Merrit Blvd	Oakland	1	1.20		4	17.4
11	12th St - Lakeshore Ave-WB	Lake Merrit Blvd	Webster	Oakland	1	0.61		3	20.9
12	12th St - Lakeshore Ave-WB	Webster	I-980 OFF Ramp/Brush St	Oakland	1	0.51		3	14.3
13	Telegraph Ave-NB	51st Street	Russell St	Oakland, Berkeley	1	1.41		6	16.8
14	Telegraph Ave-NB	Russell St	Bancroft Way	Oakland, Berkeley	1	0.77		6	15.6
15	Telegraph Ave-SB	Bancroft Way	Russell St	Oakland, Berkeley	1	0.75		6	10.4
16	Telegraph Ave-SB	Russell St	51st Street	Oakland, Berkeley	1	1.50		6	16.0
17	Broadway-EB	Broadway/College Ave	Grand Ave	Oakland	1	1.91		6	14.3
18	Broadway-EB	Grand Ave	14th St	Oakland	1	0.55		6	10.4
19	Broadway-EB	14th St	5th St/Broadway	Oakland	1	0.48		6	8.3
20	Broadway-EB	5th St/Broadway	I-880 OFF Ramp	Oakland	1	0.06		6	11.3
21	Broadway-WB	I-880 OFF Ramp	5th St/Broadway	Oakland	1	0.07		4	
22	Broadway-WB	5th St/Broadway	14th St	Oakland	1	0.48		7	5.9
23	Broadway-WB	14th St	Grand Ave	Oakland	1	0.55		7	8.3
24	Broadway-WB	Grand Ave	Broadway/College Ave	Oakland	1	1.91		7	6.3
25	College Avenue-EB	Bancroft Way/College Ave	Ashby Ave	Oakland	1	1.04		6	10.7
26	College Avenue-EB	Ashby Ave	Miles Ave/SR 24 OFF Ramp	Oakland, Berkeley	1	0.83		6	10.3
27	College Avenue-EB	Miles Ave/SR 24 OFF Ramp	Broadway/College Ave	Berkeley	1	0.60		6	11.2
28	College Avenue-WB	Broadway/College Ave	Miles Ave/SR 24 OFF Ramp	Berkeley	1	0.60		7	4.6
29	College Avenue-WB	Miles Ave/SR 24 OFF Ramp	Ashby Ave	Oakland, Berkeley	1	0.83		7	6.5
30	College Avenue-WB	Ashby Ave	Bancroft Way/College Ave	Oakland	1	0.98		7	5.5
31	Bancroft-EB	Shattuck	Bancroft Way/College Ave	Berkeley	1	0.48		6	16.1
32	Bancroft-WB	College Ave.	Shattuck	Berkeley	1	0.73		7	8.2
33	51st Street-EB	SR 24 Off Ramp/52nd St	Broadway	Oakland	1	0.81		6	12.5
34	51st Street-WB	Broadway	SR 24 Off Ramp/52nd St	Oakland	1	0.81		6	10.7
35	Shattuck Avenue-NB	51st	Alcatraz Ave.	Oakland, Berkeley	1	0.81		7	20.3
36	Shattuck Avenue-NB	Alcatraz Ave.	Adeline St.	Berkeley	1	0.69		7	13.8
37	Shattuck Avenue-SB	Adeline St.	Alcatraz Ave.	Berkeley	1	0.69		9	13.1
38	Shattuck Avenue-SB	Alcatraz Ave.	51st	Oakland, Berkeley	1	0.81		9	13.2
39	Powel Street-Stanford Avenue-EB	NB I-80 OFF Ramp	San Pablo Ave	Emeryville	1	0.75		6	14.3

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40	Powel Street-Stanford Avenue-EB	San Pablo Ave	MLK Jr Way	Emeryville,Berkeley	1	0.76		6	16.1
41	Powel Street-Stanford Avenue-WB	MLK Jr Way	San Pablo Ave	Emeryville,Berkeley	1	0.76		6	17.2
42	Powel Street-Stanford Avenue-WB	San Pablo Ave	NB I-80 OFF Ramp	Emeryville	1	0.75		6	17.6
43	40thStreet-Shellmound Avenue-EB	Shellmound Way (north of Powell St)	40th St	Emeryville	1	0.82		6	20.1
44	40thStreet-Shellmound Avenue-EB	40th St	San Pablo Ave	Emeryville	1	0.64		6	12.4
45	40thStreet-Shellmound Avenue-WB	San Pablo Ave	40th St	Emeryville	1	0.64		6	20.1
46	40thStreet-Shellmound Avenue-WB	40th St	Shellmound Way (north of Powell St)	Emeryville	1	0.82		6	22.3
47	International Boulevard-NB	42nd Ave	Fruitvale Ave	Oakland	1	0.62		6	14.1
48	International Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1	1.38		6	21.5
49	International Boulevard-NB	14th Ave	Lake Merrit Blvd	Oakland	1	0.88		6	17.5
50	International Boulevard-SB	Lake Merrit Blvd	14th Ave	Oakland	1	0.88		6	22.5
51	International Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1	1.38		6	18.7
52	International Boulevard-SB	Fruitvale Ave	42nd Ave	Oakland	1	0.62		6	8.0
53	Foothill Boulevard-NB	International Blvd/73rd Ave	73rd Ave/Foothill Blvd	Oakland	1	1.07		5	14.0
54	Foothill Boulevard-NB	73rd Ave/Foothill Blvd	Seminary Ave	Oakland	1	1.01		5	19.1
55	Foothill Boulevard-NB	Seminary Ave	High Street	Oakland	1	1.22		5	20.5
56	Foothill Boulevard-NB	High Street	Fruitvale Ave	Oakland	1	0.89		5	14.0
57	Foothill Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1	1.32		5	20.4
58	Foothill Boulevard-NB	14th Ave	1st Ave/Lake Shore Blvd	Oakland	1	0.87		5	16.9
59	Foothill Boulevard-SB	1st Ave/Lake Shore Blvd	14th Ave	Oakland	1	0.99		6	16.9
60	Foothill Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1	1.30		6	17.2
61	Foothill Boulevard-SB	Fruitvale Ave	High Street	Oakland	1	0.89		6	14.1
62	Foothill Boulevard-SB	High Street	Seminary Ave	Oakland	1	1.22		6	18.2
63	Foothill Boulevard-SB	Seminary Ave	73rd Ave/Foothill Blvd	Oakland	1	1.01		6	17.4
64	Foothill Boulevard-SB	73rd Ave/Foothill Blvd	International Blvd/73rd Ave	Oakland	1	1.04		6	21.2
65	E. 15th Street-SB	1st Avenue	14th Avenue	Oakland	1	0.99		6	16.9
66	High Street-EB	Otis Drive	Central Ave	Alameda	1	0.58		8	21.0
67	High Street-EB	Central Ave	Fernside Blvd	Alameda	1	0.48		8	16.4
68	High Street-EB	Fernside Blvd	NB I-880 OFF Ramp	Alameda, Oakland	1	0.49		8	13.3
69	High Street-EB	NB I-880 OFF Ramp	Foothill Blvd	Oakland	1	0.62		8	11.3
70	High Street-EB	Foothill Blvd	MacArthur Blvd/WB I-580 OFF Ramp	Oakland	1	1.30		8	17.2
71	High Street-WB	MacArthur Blvd/WB I-580 OFF Ramp	Foothill Blvd	Oakland	1	1.73		8	22.8
72	High Street-WB	Foothill Blvd	NB I-880 OFF Ramp	Oakland	1	0.62		8	9.2
73	High Street-WB	NB I-880 OFF Ramp	Fernside Blvd	Alameda, Oakland	1	0.49		8	18.9

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74	High Street-WB	Fernside Blvd	Central Ave	Alameda	1	0.48		8	19.5
75	High Street-WB	Central Ave	Otis Drive	Alameda	1	0.58		8	15.1
76	Crow Canyon Road-NB	A Street/Redwood Road	EB I-580 ON Ramp/Grove Way	Alameda County	2	0.93		7	31.5
77	Crow Canyon Road-NB	EB I-580 ON Ramp/Grove Way	Cull Canyon	Alameda County	2	0.83		7	26.0
78	Crow Canyon Road-NB	Cull Canyon	Cold Water Dr	Alameda County	2	0.89		6	38.4
79	Crow Canyon Road-NB	Cold Water Dr	New Checkpoint (Driver to identify)	Alameda County	2	1.48		6	40.8
80	Crow Canyon Road-NB	New Checkpoint (Driver to identify)	County Line	Alameda County	2	3.90		6	45.1
81	Crow Canyon Road-SB	County Line	New Checkpoint (Driver to identify)	Alameda County	2	3.90		6	41.7
82	Crow Canyon Road-SB	New Checkpoint (Driver to identify)	Cold Water Dr	Alameda County	2	1.48		6	30.9
83	Crow Canyon Road-SB	Cold Water Dr	Cull Canyon	Alameda County	2	0.89		6	26.8
84	Crow Canyon Road-SB	Cull Canyon	EB I-580 ON Ramp/Grove Way	Alameda County	2	0.83		6	24.5
85	Crow Canyon Road-SB	EB I-580 ON Ramp/Grove Way	A Street/Redwood Road	Alameda County	2	0.93		6	24.1
86	Winton Avenue - D Street-EB	Hesperian Blvd.	SB I-880 ON Ramp	Hayward	2	0.41		6	19.6
87	Winton Avenue - D Street-EB	SB I-880 ON Ramp	Santa Clara St	Hayward	2	0.33		6	21.7
88	Winton Avenue - D Street-EB	Santa Clara St	Soto Rd	Hayward	2	0.55		6	13.0
89	Winton Avenue - D Street-EB	Soto Rd	Foothill Boulevard/D St	Hayward	2	0.91		6	8.8
90	Winton Avenue - D Street-WB	Foothill Boulevard/D St	Soto Rd	Hayward	2	0.91		6	16.2
91	Winton Avenue - D Street-WB	Soto Rd	Santa Clara St	Hayward	2	0.55		6	22.6
92	Winton Avenue - D Street-WB	Santa Clara St	SB I-880 ON Ramp	Hayward	2	0.33		6	39.6
93	Winton Avenue - D Street-WB	SB I-880 ON Ramp	Hesperian Blvd.	Hayward	2	0.41		6	11.1
94	A Street-EB	Foothill Boulevard/A St	Redwood Rd/Grove Way	Hayward	2				
95	A Street-EB	Redwood Rd/Grove Way	EB I-580 ON Ramp/Grove Way	Hayward	2	0.93		7	31.5
96	A Street-WB	EB I-580 ON Ramp/Grove Way	Redwood Rd/Grove Way	Hayward	2	0.93		6	24.1
97	A Street-WB	Redwood Rd/Grove Way	Foothill Boulevard/A St	Hayward	2				
98	Hesperian Boulevard-Union City Blvd-NB	Union City/Alvarado Blvd	Whipple Rd	Union City	3	0.98		6	21.6
99	Hesperian Boulevard-Union City Blvd-NB	Whipple Rd Hesperian/Union City	Hesperian/Union City Blvd/overbridge	Union City	3	0.30		6	22.9
100	Hesperian Boulevard-Union City Blvd-NB	Hesperian/Union City Blvd/overbridge	Industrial Blvd	Union City	3	0.57		6	14.4
101	Hesperian Boulevard-Union City Blvd-NB	Industrial Blvd	Tennyson/Hesperian	Union City	3	1.04		6	19.3
102	Hesperian Boulevard-Union City Blvd-SB	Tennyson/Hesperian	Industrial Blvd	Union City	3	1.03		6	26.5

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103	Hesperian Boulevard-Union City Blvd-SB	Industrial Blvd	Hesperian/Union City Blvd/overbridge	Union City	3	0.57		6	17.6
104	Hesperian Boulevard-Union City Blvd-SB	Hesperian/Union City Blvd/overbridge	Whipple Rd	Union City	3	0.30		6	29.9
105	Hesperian Boulevard-Union City Blvd-SB	Whipple Rd	Union City/Alvarado Blvd	Union City	3	0.98		6	24.0
106	Alvarado Blvd.-NB	NB I-880 ON Ramp	Deep Creek Rd/SB I-880 OFF Ramp	Union City	3	0.21		6	25.8
107	Alvarado Blvd.-NB	Deep Creek Rd/SB I-880 OFF Ramp	Fair Ranch Rd	Union City	3	1.42		6	22.6
108	Alvarado Blvd.-NB	Fair Ranch Rd	Union City/Alvarado Blvd	Union City	3	0.52		6	22.2
109	Alvarado Blvd.-SB	Union City/Alvarado Blvd	Fair Ranch Rd	Union City	3	0.52		6	23.7
110	Alvarado Blvd.-SB	Fair Ranch Rd	Deep Creek Rd/SB I-880 OFF Ramp	Union City	3	1.43		6	21.7
111	Alvarado Blvd.-SB	Deep Creek Rd/SB I-880 OFF Ramp	NB I-880 ON Ramp	Union City	3	0.21		6	23.4
112	Fremont Boulevard-NB	NB I-880 OFF Ramp	Automall Parkway	Fremont	3	1.27		6	31.8
113	Fremont Boulevard-NB	Automall Parkway	Blacow Rd	Fremont	3	0.90		6	32.7
114	Fremont Boulevard-NB	Blacow Rd	Adams Ave	Fremont	3	0.38		6	34.5
115	Fremont Boulevard-NB	Adams Ave	Stevenson Rd	Fremont	3	1.17		6	13.5
116	Fremont Boulevard-NB	Stevenson Rd	Mowry Ave	Fremont	3	1.00		6	23.2
117	Fremont Boulevard-NB	Mowry Ave	Peralta Blvd	Fremont	3	1.21		6	26.9
118	Fremont Boulevard-NB	Peralta Blvd	Thornton Ave	Fremont	3	0.32		6	19.8
119	Fremont Boulevard-NB	Thornton Ave	Decoto Rd	Fremont	3	1.34		6	18.1
120	Fremont Boulevard-NB	Decoto Rd	Paseo Padre Pkwy	Fremont	3	0.55		6	22.3
121	Fremont Boulevard-NB	Paseo Padre Pkwy	SB I-880 OFF Ramp	Fremont	3	0.61		6	26.6
122	Fremont Boulevard-SB	SB I-880 OFF Ramp	Paseo Padre Pkwy	Fremont	3	0.40		7	19.1
123	Fremont Boulevard-SB	Paseo Padre Pkwy	Decoto Rd	Fremont	3	0.55		7	19.7
124	Fremont Boulevard-SB	Decoto Rd	Thornton Ave	Fremont	3	1.34		7	30.2
125	Fremont Boulevard-SB	Thornton Ave	Peralta Blvd	Fremont	3	0.32		7	26.9
126	Fremont Boulevard-SB	Peralta Blvd	Mowry Ave	Fremont	3	1.21		7	21.2
127	Fremont Boulevard-SB	Mowry Ave	Stevenson Rd	Fremont	3	1.00		6	27.8
128	Fremont Boulevard-SB	Stevenson Rd	Adams Ave	Fremont	3	1.17		6	23.4
129	Fremont Boulevard-SB	Adams Ave	Blacow Rd	Fremont	3	0.38		6	25.3
130	Fremont Boulevard-SB	Blacow Rd	Automall Parkway	Fremont	3	0.90		6	26.5

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131	Fremont Boulevard-SB	Automall Parkway	NB I-880 OFF Ramp	Fremont	3	1.25		6	37.7
132	Automall Parkway-EB	NB I-880 OFF Ramp	Fremont Blvd	Fremont	3	0.85		6	25.2
133	Automall Parkway-EB	Fremont Blvd	NB I-680 ON Ramp	Fremont	3	0.75		6	29.4
134	Automall Parkway-WB	NB I-680 ON Ramp	Fremont Blvd	Fremont	3	0.75		6	23.5
135	Automall Parkway-WB	Fremont Blvd	NB I-880 OFF Ramp	Fremont	3	0.77		6	28.3
136	Vasco Road-NB	WB I-580 OFF Ramp	Scenic Ave	Livermore	4	0.51		7	27.3
137	Vasco Road-NB	Scenic Ave	Dalton Ave/City-County Line	Livermore	4	0.69		7	13.6
138	Vasco Road-NB	Dalton Ave/City-County Line	N. Vasco Rd/Vasco Rd <small>Local Road underpass/County</small>	Livermore	4	1.75		7	45.1
139	Vasco Road-NB	N. Vasco Rd/Vasco Rd <small>Local Road underpass/County</small>	Line	Livermore	4	2.80		7	54.9
140	Vasco Road-SB	Line	N. Vasco Rd/Vasco Rd	Livermore	4	2.80		5	55.3
141	Vasco Road-SB	N. Vasco Rd/Vasco Rd	Dalton Ave/City-County Line	Livermore	4	1.75		5	49.3
142	Vasco Road-SB	Dalton Ave/City-County Line	Scenic Ave	Livermore	4	0.69		5	31.7
143	Vasco Road-SB	Scenic Ave	WB I-580 OFF Ramp	Livermore	4	0.51		5	22.5
144	Dublin Blvd.-EB	San Ramon Road	Village Parkway	Dublin	4	0.73		6	25.3
145	Dublin Blvd.-EB	Village Parkway	Dougherty Rd	Dublin	4	0.81		6	16.3
146	Dublin Blvd.-EB	Dougherty Rd	Hacienda Dr	Dublin	4	1.20		6	29.8
147	Dublin Blvd.-EB	Hacienda Dr	Tassajara Dr	Dublin	4	0.88		6	22.3
148	Dublin Blvd.-WB	Tassajara Dr	Hacienda Dr	Dublin	4	0.88		6	26.2
149	Dublin Blvd.-WB	Hacienda Dr	Dougherty Rd	Dublin	4	1.20		6	23.1
150	Dublin Blvd.-WB	Dougherty Rd	Village Parkway	Dublin	4	0.81		6	22.1
151	Dublin Blvd.-WB	Village Parkway	San Ramon Road	Dublin	4	0.73		6	15.9
152	San Ramon Road-NB	WB I-580 OFF ramp	Silvergate Dr	Dublin	4	0.67		6	22.7
153	San Ramon Road-NB	Silvergate Dr	Arcosta Blvd/westside Dr/County Line	Dublin	4	0.98		6	29.3
154	San Ramon Road-SB	Arcosta Blvd/westside Dr/County Line	Silvergate Dr	Dublin	4	0.98		6	33.1
155	San Ramon Road-SB	Silvergate Dr	WB I-580 OFF ramp	Dublin	4	0.67		6	18.0
156	Dougherty Road-NB	WB I-580 OFF ramp	Amador Valley Blvd on SB	Dublin	4	1.15		6	20.3
157	Dougherty Road-NB	Amador Valley Blvd on SB	Fallcreek Rd on SB/County Line	Dublin	4	0.78		6	43.0
158	Dougherty Road-SB	Fallcreek Rd on SB/County Line	Amador Valley Blvd on SB	Dublin	4	0.78		6	30.4
159	Dougherty Road-SB	Amador Valley Blvd on SB	WB I-580 OFF ramp	Dublin	4	1.15		6	25.7
160	Tassajara Road-NB	WB I-580 OFF ramp	Central Parkway	Dublin	4	0.60		6	24.9

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161	Tassajara Road-NB	Central Parkway	Somerset Ln/N Dublin Ranch Dr	Dublin	4	0.68		6	34.9
162	Tassajara Road-NB	Somerset Ln/N Dublin Ranch Dr	Fallon Rd	Dublin	4	1.05		6	36.3
163	Tassajara Road-NB	Fallon Rd	County Line	Alameda County	4	0.50		6	38.9
164	Tassajara Road-SB	County Line	Fallon Rd	Alameda County	4	0.50		6	39.3
165	Tassajara Road-SB	Fallon Rd	Somerset Ln/N Dublin Ranch Dr	Dublin	4	1.05		6	37.5
166	Tassajara Road-SB	Somerset Ln/N Dublin Ranch Dr	Central Parkway	Dublin	4	0.68		6	26.0
167	Tassajara Road-SB	Central Parkway	WB I-580 OFF ramp	Dublin	4	0.63		6	16.5
168	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	SR 84/Isabel Ave	Murrita Blvd	Pleasanton, Alameda County	4	0.98		5	28.6
169	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	Murrita Blvd	S Livermore Ave	Livermore	4	1.07		5	23.1
170	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	S Livermore Ave	Inman St	Livermore	4	0.46		5	22.2
171	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Inman St	S Livermore Ave	Livermore	4	0.46		6	14.6
172	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	S Livermore Ave	Murrita Blvd	Livermore	4	1.07		6	17.4
173	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Murrita Blvd	SR 84/Isabel Ave	Pleasanton, Alameda County	4	0.98		6	39.8
174	Stoneridge Drive-EB	NB I-680 OFF Ramp	Hopyard Rd	Pleasanton	4	0.93		6	25.2
175	Stoneridge Drive-EB	Hopyard Rd	Hacienda Dr	Pleasanton	4	0.49		6	36.8
176	Stoneridge Drive-EB	Hacienda Dr	W. Las Positas Blvd	Pleasanton	4	0.64		6	25.9
177	Stoneridge Drive-EB	W. Las Positas Blvd	Santa Rita Road	Pleasanton	4	0.43		6	12.0
178	Stoneridge Drive-EB	Stoneridge Dr/Santa Rita Road	W. Los Positas Blvd	Pleasanton	4	0.29		6	15.2
179	Stoneridge Drive-EB	W. Los Positas Blvd	EB I-580 ON	Pleasanton	4	0.77		6	32.3
180	Stoneridge Drive-WB	EB I-580 ON	W. Los Positas Blvd	Pleasanton	4	0.74		6	32.6
181	Stoneridge Drive-WB	W. Los Positas Blvd	Santa Rita Road	Pleasanton	4	0.29		6	35.2
182	Stoneridge Drive-WB	Santa Rita Road	W. Las Positas Blvd	Pleasanton	4	0.43		6	19.7
183	Stoneridge Drive-WB	W. Las Positas Blvd	Hacienda Dr	Pleasanton	4	0.64		6	24.9
184	Stoneridge Drive-WB	Hacienda Dr	Hopyard Rd	Pleasanton	4	0.49		6	19.4
185	Stoneridge Drive-WB	Hopyard Rd	NB I-680 OFF Ramp	Pleasanton	4	0.66		6	29.2
186	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	NB I-680 OFF	Bernal Ave	Pleasanton	4	1.22		6	25.0
187	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave	Ray/Vineyard	Pleasanton	4	0.64		6	21.3
188	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Ray/Vineyard	Bernal Ave/Valley Ave	Pleasanton	4	0.84		6	25.1

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189	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave/Valley Ave	SR 84/Isabel Ave	Pleasanton, Alameda County	4	2.91		6	42.2
190	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	SR 84/Isabel Ave	Bernal Ave/Valley Ave	Pleasanton, Alameda County	4	2.91		6	44.6
191	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave/Valley Ave	Ray/Vineyard	Pleasanton	4	0.85		6	24.9
192	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Ray/Vineyard	Bernal Ave	Pleasanton	4	0.63		6	15.6
193	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave	NB I-680 OFF	Pleasanton	4	1.23		6	34.2
Note		Highlighted cells indicate segment where travel time runs are still needed							

Preliminary Draft 2012 LOS Results for Tier 2 Roadways - AM Peak Period									
	CMP Tier 2 Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	2012 Speed Results	
		From	To					# Runs	Speed
1	W.Grand Ave - Grand Ave -EB	I-80/Maritime St	San Pablo Ave	Oakland	1	1.09		5	17.9
2	W.Grand Ave - Grand Ave -EB	San Pablo Ave	Broadway	Oakland	1	0.40		5	20.1
3	W.Grand Ave - Grand Ave -EB	Broadway	I-580	Oakland	1	1.62		5	25.8
4	W.Grand Ave - Grand Ave -WB	I-580	Broadway	Oakland	1	1.62		8	24.4
5	W.Grand Ave - Grand Ave -WB	Broadway	San Pablo Ave	Oakland	1	0.40		9	14.8
6	W.Grand Ave - Grand Ave -WB	San Pablo Ave	I-80/Maritime St	Oakland	1	1.09		9	18.0
7	12th St - Lakeshore Ave-EB	I-980 OFF Ramp/Brush St	Webster	Oakland	1	0.46		6	16.3
8	12th St - Lakeshore Ave-EB	Webster	Lake Merrit Blvd	Oakland	1	0.59		7	23.1
9	12th St - Lakeshore Ave-EB	Lake Merrit Blvd	MacArthur Blvd/I-580 ON Ramp	Oakland	1	1.24		7	17.5
10	12th St - Lakeshore Ave-WB	MacArthur Blvd/I-580 ON Ramp	Lake Merrit Blvd	Oakland	1	1.20		6	17.7
11	12th St - Lakeshore Ave-WB	Lake Merrit Blvd	Webster	Oakland	1	0.61		6	17.6
12	12th St - Lakeshore Ave-WB	Webster	I-980 OFF Ramp/Brush St	Oakland	1	0.51		6	19.2
13	Telegraph Ave-NB	51st Street	Russell St	Oakland, Berkeley	1	1.31		8	16.4
14	Telegraph Ave-NB	Russell St	Bancroft Way	Oakland, Berkeley	1	0.81		8	19.9
15	Telegraph Ave-SB	Bancroft Way	Russell St	Oakland, Berkeley	1	0.75		7	15.8
16	Telegraph Ave-SB	Russell St	51st Street	Oakland, Berkeley	1	1.50		7	20.7
17	Broadway-SB	Broadway/College Ave	Grand Ave	Oakland	1	1.91		6	16.2
18	Broadway-SB	Grand Ave	14th St	Oakland	1	0.55		7	12.5
19	Broadway-SB	14th St	5th St/Broadway	Oakland	1	0.48		7	11.8
20	Broadway-SB	5th St/Broadway	I-880 OFF Ramp	Oakland	1	0.06		3	14.4
21	Broadway-NB	I-880 OFF Ramp	5th St/Broadway	Oakland	1	0.07		6	23.0
22	Broadway-NB	5th St/Broadway	14th St	Oakland	1	0.48		6	12.5
23	Broadway-NB	14th St	Grand Ave	Oakland	1	0.55		6	16.0
24	Broadway-NB	Grand Ave	Broadway/College Ave	Oakland	1	1.91		6	15.7
25	Durant-EB	Shattuck	College Ave.	Berkeley	1	0.73		7	14.4
26	College Avenue-SB	Bancroft Way/College Ave	Ashby Ave	Oakland	1	0.79		7	13.2
27	College Avenue-SB	Ashby Ave	Miles Ave/SR 24 OFF Ramp	Oakland, Berkeley	1	0.83		6	15.7
28	College Avenue-SB	Miles Ave/SR 24 OFF Ramp	Broadway/College Ave	Berkeley	1	0.60		6	16.0
29	College Avenue-NB	Broadway/College Ave	Miles Ave/SR 24 OFF Ramp	Berkeley	1	0.60		6	16.1
30	College Avenue-NB	Miles Ave/SR 24 OFF Ramp	Ashby Ave	Oakland, Berkeley	1	0.83		6	12.5

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		From	To					# Runs	Speed
31	College Avenue-NB	Ashby Ave	Bancroft Way/College Ave	Oakland	1	0.98		6	15.9
32	Bancroft-WB	College Ave.	Shattuck	Berkeley	1	0.73		6	14.8
33	51st Street-EB	SR 24 Off Ramp/52nd St	Broadway	Oakland	1	0.81		6	15.4
34	51st Street-WB	Broadway	SR 24 Off Ramp/52nd St	Oakland	1	0.00		6	16.9
35	Shattuck Avenue-NB	51st	Alcatraz Ave.	Oakland, Berkeley	1	0.81		10	22.4
36	Shattuck Avenue-NB	Alcatraz Ave.	Adeline St.	Berkeley	1	0.70		10	18.4
37	Shattuck Avenue-SB	Adeline St.	Alcatraz Ave.	Berkeley	1	0.70		9	18.8
38	Shattuck Avenue-SB	Alcatraz Ave.	51st	Oakland, Berkeley	1	0.81		9	14.5
39	Powel Street-Stanford Avenue-EB	NB I-80 OFF Ramp	San Pablo Ave	Emeryville	1	0.75		7	14.4
40	Powel Street-Stanford Avenue-EB	San Pablo Ave	MLK Jr Way	Emeryville,Berkeley	1	0.76		7	17.8
41	Powel Street-Stanford Avenue-WB	MLK Jr Way	San Pablo Ave	Emeryville,Berkeley	1	0.76		6	16.7
42	Powel Street-Stanford Avenue-WB	San Pablo Ave	NB I-80 OFF Ramp	Emeryville	1	0.75		6	21.2
43	40thStreet-Shellmound Avenue-EB	Shellmound Way (north of Powell St)	40th St	Emeryville	1	0.82		6	26.8
44	40thStreet-Shellmound Avenue-EB	40th St	San Pablo Ave	Emeryville	1	0.64		6	16.9
45	40thStreet-Shellmound Avenue-WB	San Pablo Ave	40th St	Emeryville	1	0.64		6	25.2
46	40thStreet-Shellmound Avenue-WB	40th St	Shellmound Way (north of Powell St)	Emeryville	1	0.82		6	28.3
47	International Boulevard-NB	42nd Ave	Fruitvale Ave	Oakland	1	0.62		6	21.7
48	International Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1	1.38		6	26.6
49	International Boulevard-NB	14th Ave	Lake Merrit Blvd	Oakland	1	0.88		6	21.2
50	International Boulevard-SB	Lake Merrit Blvd	14th Ave	Oakland	1	0.88		6	20.8
51	International Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1	1.38		6	24.4
52	International Boulevard-SB	Fruitvale Ave	42nd Ave	Oakland	1	0.62		6	18.9
53	Foothill Boulevard-NB	International Blvd/73rd Ave	73rd Ave/Foothill Blvd	Oakland	1	1.07		6	18.4
54	Foothill Boulevard-NB	73rd Ave/Foothill Blvd	Seminary Ave	Oakland	1	1.01		6	18.5
55	Foothill Boulevard-NB	Seminary Ave	High Street	Oakland	1	1.22		6	20.0
56	Foothill Boulevard-NB	High Street	Fruitvale Ave	Oakland	1	0.89		6	12.1
57	Foothill Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1	1.32		6	20.9
58	Foothill Boulevard-NB	14th Ave	1st Ave/Lake Shore Blvd	Oakland	1	0.87		6	16.2
59	Foothill Boulevard-SB	1st Ave/Lake Shore Blvd	14th Ave	Oakland	1	0.99		6	19.1

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	CMP Tier 2 Route	Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	2012 Speed Results	
		From	To					# Runs	Speed
60	Foothill Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1	1.30		6	18.6
61	Foothill Boulevard-SB	Fruitvale Ave	High Street	Oakland	1	0.89		6	15.8
62	Foothill Boulevard-SB	High Street	Seminary Ave	Oakland	1	1.22		6	21.0
63	Foothill Boulevard-SB	Seminary Ave	73rd Ave/Foothill Blvd	Oakland	1	1.01		6	21.0
64	Foothill Boulevard-SB	73rd Ave/Foothill Blvd	International Blvd/73rd Ave	Oakland	1	1.04		6	21.3
65	E. 15th Street-SB	1st Avenue	14th Avenue	Oakland	1	0.99		6	19.1
66	High Street-EB	Otis Drive	Central Ave	Alameda	1	0.58		8	18.2
67	High Street-EB	Central Ave	Fernside Blvd	Alameda	1	0.48		8	13.2
68	High Street-EB	Fernside Blvd	NB I-880 OFF Ramp	Alameda, Oakland	1	0.49		8	12.5
69	High Street-EB	NB I-880 OFF Ramp	Foothill Blvd	Oakland	1	0.62		8	11.5
70	High Street-EB	Foothill Blvd	MacArthur Blvd/WB I-580 OFF Ramp	Oakland	1	1.30		8	18.9
71	High Street-WB	MacArthur Blvd/WB I-580 OFF Ramp	Foothill Blvd	Oakland	1	1.73		8	28.1
72	High Street-WB	Foothill Blvd	NB I-880 OFF Ramp	Oakland	1	0.62		8	9.1
73	High Street-WB	NB I-880 OFF Ramp	Fernside Blvd	Alameda, Oakland	1	0.49		8	18.3
74	High Street-WB	Fernside Blvd	Central Ave	Alameda	1	0.48		8	19.9
75	High Street-WB	Central Ave	Otis Drive	Alameda	1	0.58		8	14.1
76	Crow Canyon Road-NB	A Street/Redwood Road	EB I-580 ON Ramp/Grove Way	Alameda County	2	0.93		6	31.2
77	Crow Canyon Road-NB	EB I-580 ON Ramp/Grove Way	Cull Canyon	Alameda County	2	0.83		6	22.6
78	Crow Canyon Road-NB	Cull Canyon	Cold Water Dr	Alameda County	2	0.89		6	34.5
79	Crow Canyon Road-NB	Cold Water Dr	New Checkpoint (Driver to identify)	Alameda County	2	1.48		6	41.5
80	Crow Canyon Road-NB	New Checkpoint (Driver to identify)	County Line	Alameda County	2	3.90		6	43.0
81	Crow Canyon Road-SB	County Line	New Checkpoint (Driver to identify)	Alameda County	2	3.90		5	45.5
82	Crow Canyon Road-SB	New Checkpoint (Driver to identify)	Cold Water Dr	Alameda County	2	1.48		5	44.0
83	Crow Canyon Road-SB	Cold Water Dr	Cull Canyon	Alameda County	2	0.89		5	28.9
84	Crow Canyon Road-SB	Cull Canyon	EB I-580 ON Ramp/Grove Way	Alameda County	2	0.83		5	22.5
85	Crow Canyon Road-SB	EB I-580 ON Ramp/Grove Way	A Street/Redwood Road	Alameda County	2	0.93		5	21.1
86	Winton Avenue - D Street-EB	Hesperian Blvd.	SB I-880 ON Ramp	Hayward	2	0.41		6	25.8
87	Winton Avenue - D Street-EB	SB I-880 ON Ramp	Santa Clara St	Hayward	2	0.33		6	18.7

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		From	To					# Runs	Speed
88	Winton Avenue - D Street-EB	Santa Clara St	Soto Rd	Hayward	2	0.55		6	19.4
89	Winton Avenue - D Street-EB	Soto Rd	Foothill Boulevard/D St	Hayward	2	0.91		6	10.7
90	Winton Avenue - D Street-WB	Foothill Boulevard/D St	Soto Rd	Hayward	2	0.91		4	15.4
91	Winton Avenue - D Street-WB	Soto Rd	Santa Clara St	Hayward	2	0.55		4	22.4
92	Winton Avenue - D Street-WB	Santa Clara St	SB I-880 ON Ramp	Hayward	2	0.33		4	16.9
93	Winton Avenue - D Street-WB	SB I-880 ON Ramp	Hesperian Blvd.	Hayward	2	0.41		4	28.2
94	A Street-EB	Foothill Boulevard/A St	Redwood Rd/Grove Way	Hayward	2				
95	A Street-EB	Redwood Rd/Grove Way	EB I-580 ON Ramp/Grove Way	Hayward	2	0.93		6	31.2
96	A Street-WB	EB I-580 ON Ramp/Grove Way	Redwood Rd/Grove Way	Hayward	2	0.93		5	21.1
97	A Street-WB	Redwood Rd/Grove Way	Foothill Boulevard/A St	Hayward	2				
98	Hesperian Boulevard-Union City Blvd-NB	Union City/Alvarado Blvd	Whipple Rd	Union City	3	0.98		6	23.1
99	Hesperian Boulevard-Union City Blvd-NB	Whipple Rd	Hesperian/Union City Blvd/overbridge	Union City	3	0.30		6	34.2
100	Hesperian Boulevard-Union City Blvd-NB	Hesperian/Union City Blvd/overbridge	Industrial Blvd	Union City	3	0.57		6	22.6
101	Hesperian Boulevard-Union City Blvd-NB	Industrial Blvd	Tennyson/Hesperian	Union City	3	1.04		6	22.8
102	Hesperian Boulevard-Union City Blvd-SB	Tennyson/Hesperian	Industrial Blvd	Union City	3	1.03		6	24.4
103	Hesperian Boulevard-Union City Blvd-SB	Industrial Blvd	Hesperian/Union City Blvd/overbridge	Union City	3	0.57		6	23.9
104	Hesperian Boulevard-Union City Blvd-SB	Hesperian/Union City Blvd/overbridge	Whipple Rd	Union City	3	0.30		6	26.9
105	Hesperian Boulevard-Union City Blvd-SB	Whipple Rd	Union City/Alvarado Blvd	Union City	3	0.98		6	23.6
106	Alvarado Blvd.-NB	NB I-880 ON Ramp	Deep Creek Rd/SB I-880 OFF Ramp	Union City	3	0.21		6	26.5
107	Alvarado Blvd.-NB	Deep Creek Rd/SB I-880 OFF Ramp	Fair Ranch Rd	Union City	3	1.42		6	20.2
108	Alvarado Blvd.-NB	Fair Ranch Rd	Union City/Alvarado Blvd	Union City	3	0.52		6	16.2
109	Alvarado Blvd.-SB	Union City/Alvarado Blvd	Fair Ranch Rd	Union City	3	0.52		6	19.1
110	Alvarado Blvd.-SB	Fair Ranch Rd	Deep Creek Rd/SB I-880 OFF Ramp	Union City	3	1.43		6	21.3
111	Alvarado Blvd.-SB	Deep Creek Rd/SB I-880 OFF Ramp	NB I-880 ON Ramp	Union City	3	0.21		6	29.8
112	Fremont Boulevard-NB	NB I-880 OFF Ramp	Automall Parkway	Fremont	3	1.27		6	25.2
113	Fremont Boulevard-NB	Automall Parkway	Blacow Rd	Fremont	3	0.90		6	25.6
114	Fremont Boulevard-NB	Blacow Rd	Adams Ave	Fremont	3	0.38		6	31.2

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115	Fremont Boulevard-NB	Adams Ave	Stevenson Rd	Fremont	3	1.17		6	22.5
116	Fremont Boulevard-NB	Stevenson Rd	Mowry Ave	Fremont	3	1.00		6	22.5
117	Fremont Boulevard-NB	Mowry Ave	Peralta Blvd	Fremont	3	1.21		6	22.0
118	Fremont Boulevard-NB	Peralta Blvd	Thornton Ave	Fremont	3	0.32		6	15.6
119	Fremont Boulevard-NB	Thornton Ave	Decoto Rd	Fremont	3	1.34		6	20.2
120	Fremont Boulevard-NB	Decoto Rd	Paseo Padre Pkwy	Fremont	3	0.55		6	30.1
121	Fremont Boulevard-NB	Paseo Padre Pkwy	SB I-880 OFF Ramp	Fremont	3	0.61		6	33.2
122	Fremont Boulevard-SB	SB I-880 OFF Ramp	Paseo Padre Pkwy	Fremont	3	0.40		6	23.6
123	Fremont Boulevard-SB	Paseo Padre Pkwy	Decoto Rd	Fremont	3	0.55		6	17.3
124	Fremont Boulevard-SB	Decoto Rd	Thornton Ave	Fremont	3	1.34		6	21.7
125	Fremont Boulevard-SB	Thornton Ave	Peralta Blvd	Fremont	3	0.32		6	20.9
126	Fremont Boulevard-SB	Peralta Blvd	Mowry Ave	Fremont	3	1.21		6	20.5
127	Fremont Boulevard-SB	Mowry Ave	Stevenson Rd	Fremont	3	1.00		6	34.9
128	Fremont Boulevard-SB	Stevenson Rd	Adams Ave	Fremont	3	0.24		6	29.1
129	Fremont Boulevard-SB	Adams Ave	Blacow Rd	Fremont	3	0.38		6	20.1
130	Fremont Boulevard-SB	Blacow Rd	Automall Parkway	Fremont	3	0.90		6	18.8
131	Fremont Boulevard-SB	Automall Parkway	NB I-880 OFF Ramp	Fremont	3	1.25		6	26.9
132	Automall Parkway-EB	NB I-880 OFF Ramp	Fremont Blvd	Fremont	3	0.85		6	26.8
133	Automall Parkway-EB	Fremont Blvd	NB I-680 ON Ramp	Fremont	3	0.75		6	28.2
134	Automall Parkway-WB	NB I-680 ON Ramp	Fremont Blvd	Fremont	3	0.75		6	27.4
135	Automall Parkway-WB	Fremont Blvd	NB I-880 OFF Ramp	Fremont	3	0.77		6	28.1
136	Vasco Road-NB	WB I-580 OFF Ramp	Scenic Ave	Livermore	4	0.51		6	23.6
137	Vasco Road-NB	Scenic Ave	Dalton Ave/City-County Line	Livermore	4	0.69		6	35.5
138	Vasco Road-NB	Dalton Ave/City-County Line	N. Vasco Rd/Vasco Rd	Livermore	4	1.75		6	43.7
139	Vasco Road-NB	N. Vasco Rd/Vasco Rd	Local Road underpass/County Line	Livermore	4	2.80		6	53.3
140	Vasco Road-SB	Local Road underpass/County Line	N. Vasco Rd/Vasco Rd	Livermore	4	2.80		6	24.3
141	Vasco Road-SB	N. Vasco Rd/Vasco Rd	Dalton Ave/City-County Line	Livermore	4	1.75		6	23.9
142	Vasco Road-SB	Dalton Ave/City-County Line	Scenic Ave	Livermore	4	0.69		6	22.0
143	Vasco Road-SB	Scenic Ave	WB I-580 OFF Ramp	Livermore	4	0.51		6	16.6
144	Dublin Blvd.-EB	San Ramon Road	Village Parkway	Dublin	4	0.73		4	20.1

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145	Dublin Blvd.-EB	Village Parkway	Dougherty Rd	Dublin	4	0.81		4	25.0
146	Dublin Blvd.-EB	Dougherty Rd	Hacienda Dr	Dublin	4	1.20		6	31.4
147	Dublin Blvd.-EB	Hacienda Dr	Tassajara Dr	Dublin	4	0.88		6	22.9
148	Dublin Blvd.-WB	Tassajara Dr	Hacienda Dr	Dublin	4	0.88		6	29.8
149	Dublin Blvd.-WB	Hacienda Dr	Dougherty Rd	Dublin	4			6	
150	Dublin Blvd.-WB	Dougherty Rd	Village Parkway	Dublin	4	1.10		6	23.9
151	Dublin Blvd.-WB	Village Parkway	San Ramon Road	Dublin	4	0.73		6	22.2
152	San Ramon Road-NB	WB I-580 OFF ramp	Silvergate Dr	Dublin	4	0.67		6	18.0
153	San Ramon Road-NB	Silvergate Dr	Alcosta Blvd/Westside Dr/County Line	Dublin	4	0.98		6	28.8
154	San Ramon Road-SB	Alcosta Blvd/Westside Dr/County Line	Silvergate Dr	Dublin	4	0.98		6	33.9
155	San Ramon Road-SB	Silvergate Dr	WB I-580 OFF ramp	Dublin	4	0.67		6	21.4
156	Dougherty Road-NB	WB I-580 OFF ramp	Amador Valley Blvd on SB	Dublin	4	1.15		6	38.4
157	Dougherty Road-NB	Amador Valley Blvd on SB	Fallcreek Rd on SB/County Line	Dublin	4	0.78		6	42.9
158	Dougherty Road-SB	Fallcreek Rd on SB/County Line	Amador Valley Blvd on SB	Dublin	4	0.78		6	28.3
159	Dougherty Road-SB	Amador Valley Blvd on SB	WB I-580 OFF ramp	Dublin	4	1.15		6	23.0
160	Tassajara Road-NB	EB I-580 OFF ramp	Central Parkway	Dublin	4	0.49		7	23.6
161	Tassajara Road-NB	Central Parkway	Somerset Ln/N Dublin Ranch Dr	Dublin	4	0.68		7	23.3
162	Tassajara Road-NB	Somerset Ln/N Dublin Ranch Dr	Fallon Rd	Dublin	4	1.05		7	35.1
163	Tassajara Road-NB	Fallon Rd	County Line	Alameda County	4	0.50		7	39.8
164	Tassajara Road-SB	County Line	Fallon Rd	Alameda County	4	0.50		9	40.5
165	Tassajara Road-SB	Fallon Rd	Somerset Ln/N Dublin Ranch Dr	Dublin	4	1.05		9	35.4
166	Tassajara Road-SB	Somerset Ln/N Dublin Ranch Dr	Central Parkway	Dublin	4	0.68		9	22.4
167	Tassajara Road-SB	Central Parkway	WB I-580 OFF ramp	Dublin	4	0.46		9	16.7
168	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	SR 84/Isabel Ave	Murrita Blvd	Pleasanton, Alameda County	4	0.98		8	20.4
169	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	Murrita Blvd	S Livermore Ave	Livermore	4	1.07		8	21.9
170	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	S Livermore Ave	Inman St	Livermore	4	0.46		8	14.2
171	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Inman St	S Livermore Ave	Livermore	4	0.46		6	20.1
172	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	S Livermore Ave	Murrita Blvd	Livermore	4	1.07		6	20.1

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173	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Murrita Blvd	SR 84/Isabel Ave	Pleasanton, Alameda County	4	0.98		6	38.6	
174	Stoneridge Drive-EB	NB I-680 OFF Ramp	Hopyard Rd	Pleasanton	4	0.93		7	19.7	
175	Stoneridge Drive-EB	Hopyard Rd	Hacienda Dr	Pleasanton	4	0.49		7	22.4	
176	Stoneridge Drive-EB	Hacienda Dr	W. Las Positas Blvd	Pleasanton	4	0.64		7	25.3	
177	Stoneridge Drive-EB	W. Las Positas Blvd	Santa Rita Road	Pleasanton	4	0.43		7	14.6	
178	Stoneridge Drive-EB	Stoneridge Dr/Santa Rita Road	W. Los Positas Blvd	Pleasanton	4	0.29		7	15.6	
179	Stoneridge Drive-EB	W. Los Positas Blvd	WB I-580 OFF Ramp	Pleasanton	4			7	34	
180	Stoneridge Drive-WB	WB I-580 OFF Ramp	W. Los Positas Blvd	Pleasanton	4	0.92		6	25.5	
181	Stoneridge Drive-WB	W. Los Positas Blvd	Santa Rita Road	Pleasanton	4	0.29		6	27.6	
182	Stoneridge Drive-WB	Santa Rita Road	W. Las Positas Blvd	Pleasanton	4	0.43		6	25.5	
183	Stoneridge Drive-WB	W. Las Positas Blvd	Hacienda Dr	Pleasanton	4	0.64		6	28.5	
184	Stoneridge Drive-WB	Hacienda Dr	Hopyard Rd	Pleasanton	4	0.49		6	20.1	
185	Stoneridge Drive-WB	Hopyard Rd	NB I-680 OFF Ramp	Pleasanton	4	0.66		6	21.9	
186	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	NB I-680 OFF	Bernal Ave	Pleasanton	4	1.22		8	28.8	
187	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave	Ray/Vineyard	Pleasanton	4	0.64		8	19.5	
188	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Ray/Vineyard	Bernal Ave/Valley Ave	Pleasanton	4	0.84		8	26.1	
189	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave/Valley Ave	SR 84/Isabel Ave	Pleasanton, Alameda County	4	2.91		8	46.7	
190	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	SR 84/Isabel Ave	Bernal Ave/Valley Ave	Pleasanton, Alameda County	4	2.91		6	38.3	
191	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave/Valley Ave	Ray/Vineyard	Pleasanton	4	0.85		6	31.1	
192	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Ray/Vineyard	Bernal Ave	Pleasanton	4	0.63		6	11.8	
193	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave	NB I-680 OFF	Pleasanton	4	1.23		6	26.2	
Note		Highlighted cells indicate segment where travel time runs are still conducted								