

**APPENDIX M**

CMA ANALYSIS

**EXISTING CONDITIONS**

#	MTS Route (Dir. Of Travel)	From	To	Number of Lanes	Peak Period	Capacity	Direction	Roadway Type	Existing Base Volumes			Added Trips	Existing plus Project Conditions			Project Significance	
									Link Volume	V/C	LOS <sup>a</sup>		Link Volume	Link Volume	Speed	LOS <sup>a</sup>	Change in V/C
<b>AM PEAK HOUR</b>																	
<b>Freeway Segments</b>																	
1	SR 24	I-580 Ramps	Caldecott Tunnel	4	AM	8000	EB	Freeway		0.00	A	11	11	0.00	A	0.00	No
	SR 24	Caldecott Tunnel	I-580 Ramps	4	AM	8000	WB	Freeway		0.00	A	25	25	0.00	A	0.00	No
<b>Arterial Segments</b>																	
2	Telegraph Ave.	45th St	51st St	2	AM	1600	NB	Urban II	580	0.36	B	13	593	0.37	B	0.01	No
		51st St	SR 24	2	AM	1600	NB	Urban II	754	0.47	B	0	754	0.47	B	0.00	No
		SR 24	51st St	2	AM	1600	SB	Urban II	972	0.61	C	0	972	0.61	C	0.00	No
		51 St	45th	2	AM	1600	SB	Urban II	728	0.46	B	18	746	0.47	B	0.01	No
3	Shattuck Ave.	Telegraph Ave	52nd St	2	AM	1600	40	Urban II	343	0.21	A	0	343	0.21	A	0.00	No
		52nd St	Alcatraz	1	AM	800	40	Urban II	607	0.76	D	11	618	0.77	D	0.01	No
		Alcatraz	52nd St	1	AM	800	40	Urban II	614	0.77	D	11	625	0.78	D	0.01	No
		52nd St	Telegraph Ave	2	AM	1600	40	Urban II	412	0.26	A	0	412	0.26	A	0.00	No
4	51st	Telegraph Ave	52nd St	2	AM	1600	40	Urban II	841	0.53	B	30	871	0.54	B	0.02	No
		52nd St	Telegraph Ave	2	AM	1600	40	Urban II	704	0.44	B	15	719	0.45	B	0.01	No
4	Claremont Ave	Telegraph Ave	College Ave	2	AM	1600	40	Urban II	830	0.52	B	18	848	0.53	B	0.01	No
		College Ave	Telegraph Ave	2	AM	1600	40	Urban II	176	0.11	A	13	189	0.12	A	0.01	No
<b>PM PEAK HOUR</b>																	
<b>Freeway Segments</b>																	
1	SR 24	I-580 Ramps	Caldecott Tunnel	4	PM	8000	EB	Freeway		0.00	A	25	25	0.00	A	0.00	No
	SR 24	Caldecott Tunnel	I-580 Ramps	4	PM	8000	WB	Freeway		0.00	A	13	13	0.00	A	0.00	No
<b>Arterial Segments</b>																	
2	Telegraph Ave.	45th St	51st St	2	PM	1600	NB	Urban II	720	0.45	B	20	740	0.46	B	0.01	No
		51st St	SR 24	2	PM	1600	NB	Urban II	1,118	0.70	C	0	1,118	0.70	C	0.00	No
		SR 24	51st St	2	PM	1600	SB	Urban II	1,128	0.71	C	0	1,128	0.71	C	0.00	No
		51 St	45th	2	PM	1600	SB	Urban II	759	0.47	B	11	770	0.48	B	0.01	No
3	Shattuck Ave.	Telegraph Ave	52nd St	2	PM	1600	40	Urban II	506	0.32	A	0	506	0.32	A	0.00	No
		52nd St	Alcatraz	1	PM	800	40	Urban II	830	1.04	F	8	838	1.05	F	0.01	No
		Alcatraz	52nd St	1	PM	800	40	Urban II	673	0.84	D	13	686	0.86	D	0.02	No
		52nd St	Telegraph Ave	2	PM	1600	40	Urban II	412	0.26	A	0	412	0.26	A	0.00	No
4	51st	Telegraph Ave	52nd St	2	PM	1600	40	Urban II	698	0.44	B	15	713	0.45	B	0.01	No
		52nd St	Telegraph Ave	2	PM	1600	40	Urban II	1,077	0.67	C	20	1,097	0.69	C	0.01	No
4	Claremont Ave	Telegraph Ave	College Ave	2	PM	1600	40	Urban II	1,051	0.66	C	11	1,062	0.66	C	0.01	No
		College Ave	Telegraph Ave	2	PM	1600	40	Urban II	195	0.12	A	20	215	0.13	A	0.01	No

2015 CONDITIONS

#	MTS Route (Dir. Of Travel)	From	To	Number of Lanes	Peak Period	Capacity	Direction	Roadway Type	2015 Base Model Volumes			Added Trips	2015 Cumulative plus Project Conditions			Project Significance	
									Link Volume	V/C	LOS <sup>a</sup>		Link Volume	Link Volume	Speed	LOS <sup>a</sup>	Change in V/C
<b>AM PEAK HOUR</b>																	
<b>Freeway Segments</b>																	
1	SR 24	I-580 Ramps	Caldecott Tunnel	4	AM	8000	EB	Freeway	2,677	0.33	A	11	2,688	0.34	A	0.00	No
	SR 24	Caldecott Tunnel	I-580 Ramps	4	AM	8000	WB	Freeway	7,573	0.95	E	25	7,598	0.95	E	0.00	No
<b>Arterial Segments</b>																	
2	Telegraph Ave.	45th St	51st St	2	AM	1600	NB	Urban II	325	0.20	A	13	338	0.21	A	0.01	No
		51st St	SR 24	2	AM	1600	NB	Urban II	1,419	0.89	D	0	1,419	0.89	D	0.00	No
		SR 24	51st St	2	AM	1600	SB	Urban II	1,626	1.02	F	0	1,626	1.02	F	0.00	No
		51 St	45th	2	AM	1600	SB	Urban II	1,116	0.70	C	18	1,134	0.71	C	0.01	No
3	Shattuck Ave.	Telegraph Ave	52nd St	2	AM	1600	40	Urban II	126	0.08	A	0	126	0.08	A	0.00	No
		52nd St	Alcatraz	1	AM	800	40	Urban II	727	0.91	E	11	738	0.92	E	0.01	No
		Alcatraz	52nd St	1	AM	800	40	Urban II	884	1.11	F	11	895	1.12	F	0.01	No
		52nd St	Telegraph Ave	2	AM	1600	40	Urban II	436	0.27	A	0	436	0.27	A	0.00	No
4	51st	Telegraph Ave	52nd St	2	AM	1600	40	Urban II	607	0.38	B	30	637	0.40	B	0.02	No
		52nd St	Telegraph Ave	2	AM	1600	40	Urban II	1,045	0.65	C	15	1,060	0.66	C	0.01	No
4	Claremont Ave	Telegraph Ave	College Ave	2	AM	1600	40	Urban II	913	0.57	B	18	931	0.58	C	0.01	No
		College Ave	Telegraph Ave	2	AM	1600	40	Urban II	1,333	0.83	D	13	1,346	0.84	D	0.01	No
<b>PM PEAK HOUR</b>																	
<b>Freeway Segments</b>																	
1	SR 24	I-580 Ramps	Caldecott Tunnel	4	PM	8000	EB	Freeway	8,254	1.03	F	25	8,279	1.03	F	0.00	No
	SR 24	Caldecott Tunnel	I-580 Ramps	4	PM	8000	WB	Freeway	3,124	0.39	B	13	3,137	0.39	B	0.00	No
<b>Arterial Segments</b>																	
2	Telegraph Ave.	45th St	51st St	2	PM	1600	NB	Urban II	1,115	0.70	C	20	1,135	0.71	C	0.01	No
		51st St	SR 24	2	PM	1600	NB	Urban II	1,857	1.16	F	0	1,857	1.16	F	0.00	No
		SR 24	51st St	2	PM	1600	SB	Urban II	1,202	0.75	D	0	1,202	0.75	D	0.00	No
		51 St	45th	2	PM	1600	SB	Urban II	366	0.23	A	11	377	0.24	A	0.01	No
3	Shattuck Ave.	Telegraph Ave	52nd St	2	PM	1600	40	Urban II	332	0.21	A	0	332	0.21	A	0.00	No
		52nd St	Alcatraz	1	PM	800	40	Urban II	878	1.10	F	8	886	1.11	F	0.01	No
		Alcatraz	52nd St	1	PM	800	40	Urban II	887	1.11	F	13	900	1.13	F	0.02	No
		52nd St	Telegraph Ave	2	PM	1600	40	Urban II	98	0.06	A	0	98	0.06	A	0.00	No
4	51st	Telegraph Ave	52nd St	2	PM	1600	40	Urban II	1,126	0.70	C	15	1,141	0.71	C	0.01	No
		52nd St	Telegraph Ave	2	PM	1600	40	Urban II	1,009	0.63	C	20	1,029	0.64	C	0.01	No
4	Claremont Ave	Telegraph Ave	College Ave	2	PM	1600	40	Urban II	1,368	0.86	D	11	1,379	0.86	D	0.01	No
		College Ave	Telegraph Ave	2	PM	1600	40	Urban II	1,168	0.73	C	20	1,188	0.74	C	0.01	No

2030 CONDITIONS

#	MTS Route (Dir. Of Travel)	From	To	Number of Lanes	Peak Period	Capacity	Direction	Roadway Type	2030 Base Model Volumes			Added Trips	2030 Cumulative plus Project Conditions			Project Significance	
									Link Volume	V/C	LOS <sup>a</sup>		Link Volume	Link Volume	Speed	LOS <sup>a</sup>	Change in V/C
<b>AM PEAK HOUR</b>																	
<b>Freeway Segments</b>																	
1	SR 24	I-580 Ramps	Caldecott Tunnel	4	AM	8000	EB	Freeway	3,508	0.44	B	11	3,519	0.44	B	0.00	No
	SR 24	Caldecott Tunnel	I-580 Ramps	4	AM	8000	WB	Freeway	9,465	1.18	F	25	9,490	1.19	F	0.00	No
<b>Arterial Segments</b>																	
2	Telegraph Ave.	45th St	51st St	2	AM	1600	NB	Urban II	441	0.28	A	13	454	0.28	A	0.01	No
		51st St	SR 24	2	AM	1600	NB	Urban II	1,764	1.10	F	0	1,764	1.10	F	0.00	No
		SR 24	51st St	2	AM	1600	SB	Urban II	2,044	1.28	F	0	2,044	1.28	F	0.00	No
		51 St	45th	2	AM	1600	SB	Urban II	1,669	1.04	F	18	1,687	1.05	F	0.01	No
3	Shattuck Ave.	Telegraph Ave	52nd St	2	AM	1600	40	Urban II	120	0.08	A	0	120	0.08	A	0.00	No
		52nd St	Alcatraz	1	AM	800	40	Urban II	811	1.01	F	11	822	1.03	F	0.01	No
		Alcatraz	52nd St	1	AM	800	40	Urban II	1,172	1.47	F	11	1,183	1.48	F	0.01	No
		52nd St	Telegraph Ave	2	AM	1600	40	Urban II	304	0.19	A	0	304	0.19	A	0.00	No
4	51st	Telegraph Ave	52nd St	2	AM	1600	40	Urban II	1,269	0.79	D	30	1,299	0.81	D	0.02	No
		52nd St	Telegraph Ave	2	AM	1600	40	Urban II	1,070	0.67	C	15	1,085	0.68	C	0.01	No
4	Claremont Ave	Telegraph Ave	College Ave	2	AM	1600	40	Urban II	1,272	0.80	D	18	1,290	0.81	D	0.01	No
		College Ave	Telegraph Ave	2	AM	1600	40	Urban II	1,735	1.08	F	13	1,748	1.09	F	0.01	No
<b>PM PEAK HOUR</b>																	
<b>Freeway Segments</b>																	
1	SR 24	I-580 Ramps	Caldecott Tunnel	4	PM	8000	EB	Freeway	9,881	1.24	F	25	9,906	1.24	F	0.00	No
	SR 24	Caldecott Tunnel	I-580 Ramps	4	PM	8000	WB	Freeway	3,991	0.50	B	13	4,004	0.50	B	0.00	No
<b>Arterial Segments</b>																	
2	Telegraph Ave.	45th St	51st St	2	PM	1600	NB	Urban II	1,646	1.03	F	20	1,666	1.04	F	0.01	No
		51st St	SR 24	2	PM	1600	NB	Urban II	2,202	1.38	F	0	2,202	1.38	F	0.00	No
		SR 24	51st St	2	PM	1600	SB	Urban II	1,376	0.86	D	0	1,376	0.86	D	0.00	No
		51 St	45th	2	PM	1600	SB	Urban II	578	0.36	B	11	589	0.37	B	0.01	No
3	Shattuck Ave.	Telegraph Ave	52nd St	2	PM	1600	40	Urban II	357	0.22	A	0	357	0.22	A	0.00	No
		52nd St	Alcatraz	1	PM	800	40	Urban II	1,018	1.27	F	8	1,026	1.28	F	0.01	No
		Alcatraz	52nd St	1	PM	800	40	Urban II	896	1.12	F	13	909	1.14	F	0.02	No
		52nd St	Telegraph Ave	2	PM	1600	40	Urban II	107	0.07	A	0	107	0.07	A	0.00	No
4	51st	Telegraph Ave	52nd St	2	PM	1600	40	Urban II	1,136	0.71	C	15	1,151	0.72	C	0.01	No
		52nd St	Telegraph Ave	2	PM	1600	40	Urban II	1,171	0.73	C	20	1,191	0.74	C	0.01	No
4	Claremont Ave	Telegraph Ave	College Ave	2	PM	1600	40	Urban II	1,849	1.16	F	11	1,860	1.16	F	0.01	No
		College Ave	Telegraph Ave	2	PM	1600	40	Urban II	1,491	0.93	E	20	1,511	0.94	E	0.01	No