

# Appendix C

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Performance Metric Data

**Table C-1 Performance Metric Data for 2040 MTP/SCS**

Description	2015 Existing	2020 No Project	2020 Project (Revenue Constrained)	2035 No Project	2035 Project (Revenue Constrained)	2040 No Project	Alt #2: 2040 Livable Communities	Alt #3: 2040 Maintained Mobility	2040 Project (Revenue Constrained)
Percent of work trips that are 30 minutes or less by mode peak period (percent)									
SOV/Drive alone	84.3%	84.3%	84.5%	84.1%	83.9%	83.9%	84.5%	83.9%	84.0%
Shared Ride	84.3%	84.3%	84.5%	84.1%	83.9%	83.9%	84.5%	83.9%	84.0%
Transit	13.0%	13.5%	17.0%	13.1%	15.2%	13.0%	15.8%	14.8%	14.8%
Average work trip travel time peak period (in minutes)									
	15.6	15.5	15.5	15.6	15.7	15.7	15.5	15.7	15.7
Percent of jobs within 1/2 mile of a high quality transit stop									
	21.4%	21.2%	21.2%	20.7%	24.7%	20.6%	25.3%	27.8%	29.6%
Transit trips (include bike and pedestrian trips)									
	374,215	411,724	389,101	421,261	421,383	430,781	452,215	430,142	429,302
Congested vehicle miles travelled peak periods (LOS E & F)**									
	499,064	641,897	641,372	1,069,383	968,326	1,259,191	1,047,818	1,058,873	1,118,524
<b>VMT Total</b>									
	<b>15,835,910</b>	<b>17,295,814</b>	<b>16,751,191</b>	<b>19,031,439</b>	<b>19,027,718</b>	<b>19,741,921</b>	<b>19,678,332</b>	<b>19,785,172</b>	<b>19,687,508</b>
Monterey County VMT	9,764,441	10,610,567	10,274,595	11,747,637	11,708,338	12,216,546	12,085,405	12,208,821	12,091,679
San Benito County VMT	1,382,599	1,582,485	1,546,333	1,970,316	1,984,193	2,111,029	2,118,397	2,134,329	2,119,312
Santa Cruz County VMT	4,688,871	5,102,762	4,930,263	5,313,487	5,335,930	5,414,346	5,474,530	5,442,022	5,476,518
<b>Daily Vehicle Hours of Delay</b>									
	<b>32,978</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>71,322</b>	<b>N/A</b>	<b>N/A</b>	59,999
Monterey County	15,028	N/A	N/A	N/A	N/A	30,922	N/A	N/A	24,987
Santa Benito County	2,000	N/A	N/A	N/A	N/A	12,309	N/A	N/A	10,632
Santa Cruz County	15,950	N/A	N/A	N/A	N/A	28,101	N/A	N/A	24,380
**FC 2 where VOC is >0.86, and FC 3-7 where VOC is >=0.90 for peak periods									
N/A = Not Applicable									

**Table C-2 SB 375 Greenhouse Gas Data**

Group	Area	Sub-Area	Cal. Year	Season	Veh_Tech	EMFAC2007 Category	Population	VMT	Trips	CO2_TO TEX	Fuel_GAS	Fuel_DSL	CO <sub>2</sub> lbs.	Per Capita CO <sub>2</sub>	Population
<b>2015 Existing</b>															
1	AMBAG	All Sub-Areas	2015	Annual	All Vehicles	All Vehicles	334,788.2	11,840,839	2,073,433.4	5,504.5	588.8	3.70	11,009,097	14.43	762,676
<b>2020 No Project</b>															
1	AMBAG	All Sub-Areas	2020	Annual	All Vehicles	All Vehicles	345,267	12,916,955	2,141,967	5,920.1	628.7	5.02	11,840,194	14.96	791,600
<b>2020 Project</b>															
1	AMBAG	All Sub-Areas	2020	Annual	All Vehicles	All Vehicles	330,807	12,377,548	2,052,257	5,661.5	601.2	4.80	11,323,068	14.30	791,600
<b>2035 No Project</b>															
1	AMBAG	All Sub-Areas	2035	Annual	All Vehicles	All Vehicles	395,852	13,625,151	2,458,868	6,142.6	649.1	5.95	12,285,171	14.25	862,200
<b>2035 Project</b>															
1	AMBAG	All Sub-Areas	2035	Annual	All Vehicles	All Vehicles	395,713	13,619,679	2,458,006	6,161.1	651.0	5.97	12,322,253	14.29	862,200
<b>2040 No Project</b>															
1	AMBAG	All Sub-Areas	2040	Annual	All Vehicles	All Vehicles	415,974	14,004,147	2,584,505	6,321.6	667.8	6.16	12,643,187	14.31	883,300
<b>2040 Alt.3 (Maintained Mobility)</b>															
1	AMBAG	All Sub-Areas	2040	Annual	All Vehicles	All Vehicles	417,281	14,048,328	2,592,626	6,355.3	671.4	6.20	12,710,536	14.39	883,300
<b>2040 Alt.2 (Livable Communities)</b>															
1	AMBAG	All Sub-Areas	2040	Annual	All Vehicles	All Vehicles	414,070	13,934,004	2,572,673	6,291.9	664.7	6.14	12,583,873	14.25	883,300
<b>2040 Project</b>															
1	AMBAG	All Sub-Areas	2040	Annual	All Vehicles	All Vehicles	414,328	13,942,733	2,574,277	6,294.9	665.0	6.14	12,589,843	14.25	883,300

**Table C-2 Full Fleet Greenhouse Gas Data**

VMT	Trips	TOG_ TOTAL	ROG_ TOTAL	CO_ TOTEX	NOx_ TOTEX	CO2_ TOTEX	PM10_ TOTAL	PM2_5_ TOTAL	SOx_ TOTEX	Fuel_ GAS	Fuel_ DSL	VMT per capita	GHG per capita (lbs)	Population
<b>2015 Existing</b>														
15,835,910	2,789,354	7.39	6.69	56.0	15.1	8,132.3	1.13	0.5634	0.0812	706.3	143.5	20.8	21.3	762,676
<b>2020 No Project</b>														
17,295,814	2,849,312	4.99	4.54	35.3	9.52	7,925.0	1.09	0.4886	0.0787	668.5	153.6	21.8	20.0	791,600
<b>2020 Project</b>														
16,751,191	2,758,980	4.82	4.39	34.1	9.22	7,656.4	1.06	0.4730	0.0760	645.3	148.8	21.2	19.3	791,600
<b>2035 No Project</b>														
19,031,439	3,269,687	2.38	2.18	14.7	3.18	6,248.0	1.11	0.4582	0.0615	460.7	175.1	22.1	14.5	862,200
<b>2035 Project</b>														
19,027,718	3,268,949	2.38	2.18	14.7	3.18	6,261.4	1.11	0.4583	0.0616	462.2	175.0	22.1	14.5	862,200
<b>2040 No Project</b>														
19,741,921	3,444,653	2.04	1.86	12.9	2.93	6,314.6	1.14	0.4689	0.0620	452.0	188.2	22.4	14.3	883,300
<b>2040 Alt.3 (Maintained Mobility)</b>														
19,785,172	3,451,758	2.04	1.86	12.9	2.93	6,337.5	1.15	0.4700	0.0622	453.8	188.7	22.4	14.3	883,300
<b>2040 Alt. 2 (Livable Communities)</b>														
19,678,332	3,434,809	2.03	1.85	12.8	2.91	6,291.3	1.14	0.4673	0.0618	450.4	187.4	22.3	14.2	883,300
<b>2040 Project</b>														
19,687,508	3,436,400	2.03	1.85	12.9	2.91	6,294.1	1.14	0.4675	0.0618	450.6	187.5	22.3	14.3	883,300

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