Alternative Scenario Data Request - Follow up to Baseline Data Previously Provided

Category	ARB Factor or Variable Name	MTC Factor or Variable Name (If Different than ARB)	Base Year (2005)	2020	2035	
				Project	Project	Most Ambitious
		Scenario Title				
1. DEMOGRAPHIC DATA	Household Population	---	6,951,900	7,862,900	8,915,500	
	Population > 65 yrs old	---	801,474	1,372,086	1,921,200	
	Population > 16 yrs old	Population > 16 yrs old (Estimate)	5,579,996	6,518,055	7,395,248	
	Households	---	2,605,752	2,911,073	3,302,834	3,418,234
	Jobs	---	3,449,740	4,040,690	5,107,390	
	Unemployment Rate	---				
	Median Household Income ($)	Mean Household Income (2005 Dollars)	$97,300	$113,600	$133,400	
2. LAND USE DATA	Dwelling Units	Households	2,583,079	2,911,069	3,302,836	3,418,234
	Foreclosure Rate	---				
	Vacancy Rate	---				
	Acreage Developed (square feet, in Thousands)	---	36,410,553	38,118,411	39,334,585	
	Commercial Development (square feet, in Thousands)	Commercial Development (square feet, in Thousands) (Includes Commercial and Industrial)	9,981,251	10,503,925	10,913,923	
	Compact Residential Development (square feet, in Thousands)	Compact Residential Development (square feet, in Thousands) (only have total residential developed acres)	26,429,302	27,614,486	28,420,662	
	% Population within a 1/4 mile of a Transit Stop	---				
	Attached Dwellings / Multifamily Dwellings	Attached Dwellings / Multifamily Dwellings (households, excludes single family attached)	945,959	1,094,666	1,275,852	
	Single Family Dwellings	Single Family Dwellings (households, include single family attached and detached)	1,637,120	1,816,403	2,026,984	
	Single Family Small Lot Dwellings	Single Family Small Lot Dwellings (Estimate) <5500 Square Feet	522,212	604,305	704,327	
	Single Family Medium Lot Dwellings	Single Family Medium Lot Dwellings (Estimate) 5500 Square Feet - 1 Acre	1,079,027	1,173,089	1,280,090	
	Single Family Large Lot Dwellings	Single Family Large Lot Dwellings >1 Acre	35,881	39,009	42,567	

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3a. MODEL OUTPUT DATA - Trip Data	Number of Home-based Work Trips/household/week	Number of Home-based Work Trips per Typical Day times 5/Households	9.4	10.4	11.3	
	Number of Home-based School Trips/household/week	Number of Home-based School Trips per Typical Day times 5/Households	4.6	4.0	4.0	
	Number of Home-based Shopping Trips/household/week	Number of Home-based Shopping/Other Trips per Typical Day times 7/Households.	15.4	15.5	15.7	
	Number of Home-based Other Trips/household/week	Number of Home-based Social/Recreation Trips per Typical Day times 7/Households	7.0	7.1	7.3	
	Number of Work-based Other Trips/household/week	Number of Non-Home-based Trips per Typical Day times 7/Households	15.2	14.6	15.9	
	Number of Other-based Other Trips/household/week	---				
	Average Trip Length - Home-based Work Trip (miles)	---	11.98	12.34	11.66	
	Average Trip Length - Home-based School Trip (miles)	---	4.16	4.22	4.21	
	Average Trip Length - Home-based Shopping Trip (miles)	Average Trip Length - Home-based Shopping/Other Trip (miles)	5.29	4.47	4.16	
	Average Trip Length - Home-based Other Trip (miles)	Average Trip Length - Home-based Social/Recreation Trip (miles)	6.28	5.94	5.73	
	Average Trip Length - Work-based Other Trip (miles)	Average Trip Length - Non-Home-based Other Trip (miles)	5.66	5.53	5.33	
	Average Trip Length - Other-based Other Trip (miles)	---				
3b. MODEL OUTPUT DATA - Passenger Travel Mode Shares - All Trips (%VMT)	SOV	SOV Trips (Drive Alone and Vehicle Driver Trips)	53.2%	52.8%	52.6%	
	HOV	HOV Trips (Shared Ride 2 and 3+, and Vehicle Passenger Trips)	29.6%	28.7%	27.9%	
	Public Transit	Transit Trips	5.2%	6.2%	6.8%	
	Bike+Walk (Non-Motorized)	Non-Motorized Trips	12.1%	12.3%	12.7%	
3c. MODEL OUTPUT DATA - CO2 and Vehicle Miles Traveled	Total CO2 Emissions by Passenger Vehicles per Weekday - EMFAC2007 LDA, LDT1, LDT2, and MDV (tons)	---	73,881	80,720	93,170	80,175
	Total Internal CO2 Emissions by Passenger Vehicles per Weekday (tons)	---	64,852	70,855	81,784	70,377
	Total IX / XI CO2 Emissions per Weekday - Passenger Vehicles (tons)	---	8,269	9,034	10,427	8,973
	Total External (XX) CO2 Emissions per Weekday - Passenger Vehicles (tons)	---	760	830	959	825
	Total VMT by Passenger Vehicles per Weekday - EMFAC 2007 LDA, LDT1, LDT2 and MDV (Miles, in Thousands)	---	147,245	165,582	188,927	162,547
	Total Internal VMT by Passenger Vehicles per Weekday (Miles, in Thousands)	---	129,251	145,347	165,839	142,682
	Total IX/XI VMT per Weekday - Passenger Vehicles (Miles, in Thousands)	---	16,479	18,532	21,144	18,192
	Total External (XX) VMT per Weekday - Passenger Vehicles (Miles, in Thousands)		1,515	1,704	1,944	1,672
3d. MODEL OUTPUT DATA - Congeste	Congested Weekday VMT on Freeways (Miles, in Thousands)--Note: "Congested" on Roadways w/ V/C	Share Congested VMT on Freeways During 2-Hour Morning Peak Period	6.6%	11.0%	14.6%	
	Congested VMT on All Other Roadways (Miles, in Thousands)--Note: "Congested" on Roadways w/ V/C	Share Congested VMT on All Other Roadways During 2-Hour Morning Peak Period	1.5%	2.4%	3.5%	

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4. TRANSPORTATION SYSTEM DESCRIPTION	Freeway General Purpose Lanes --Mixed Flow, Auxiliary, etc. (Lane Miles)	Freeway and Expressway General Purpose Lanes --Mixed Flow, Auxiliary, etc. (Lane Miles)	5,278	5,461	5,595	5,595
	Freeway Managed Lanes--HOV, HOT, Tolled, etc. (Lane Miles)	Freeway and Expressway Managed Lanes--HOV, HOT, Tolled, etc. (Lane Miles)	422	836	837	837
5. TRANSPORTATION SYSTEM INVESTMENT ($Billions)	Other Road Capacity	---		N/A	$2.7	$2.7
	Transit Capital	---		N/A	$30.3	$30.3
	Transit Operations	---		N/A	$110.6	$110.6
	Bike and Ped. Proj	---		N/A	$4.0	$4.0
	Road M & O	---		N/A	$46.7	$46.7
	Other	---		N/A	$16.2	$16.2
	Total	---		N/A	$210.5	$210.5
6. TRANSPORTATION USER COSTS, PRICING, AND OTHER PARAMETERS	Vehicle Operating Costs ($ per Mile)	Vehicle Operating Costs ($ per Mile, 2009 Dollars)	$0.206	$0.278	$0.297	$0.297
	Gasoline Price ($ per Gallon)	Gasoline Price ($ per Gallon, 2009 Dollars)	$2.79	$4.74	$5.24	$5.24
	Parking Price ($ per hour)	Parking Price ($ per hour, 2009 Dollars)	$0-$10	$0-$11	$0-$15	$0-$15
	Toll Price ($ per Mile)	Toll Price ($ per Mile, 2009 Dollars)	?	?	?	?
	Congestion Price ($ per Mile)	Congestion Price ($ per Mile, 2009 Dollars)	$0	$0	$0	$0
	Cordon Price ($ per Mile)	Cordon Price ($ per Mile, 2009 Dollars)	$0	$0	$0	$0
	VMT Fee ($ per Mile)	VMT Fee ($ per Mile, 2009 Dollars)	$0	$0	$0	$0.25
	Average Passenger Fleet Mileage (Miles per Gallon)	---	19.76	24.10	27.67	27.67