

**APPENDIX A**

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**Air Quality Documentation**

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: The Old Road and Rye Canyon  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
 Persistence Factor: 0.7  
 Analysis Year: 2035

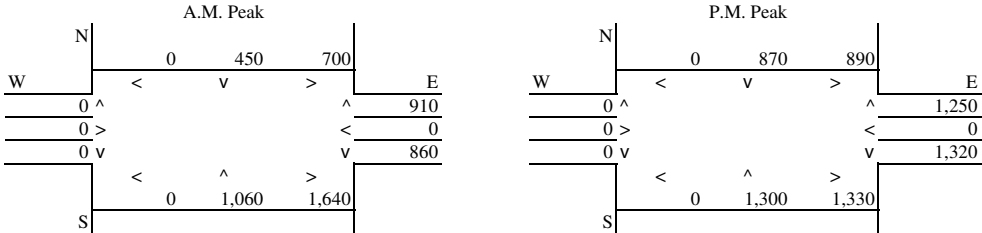
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway: The Old Road	AT GRADE	6	5	5
East-West Roadway: Rye Canyon	AT GRADE	0	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
2009	8.018	6.995	6.187	5.54	5.017	4.597	4.259	3.979	3.746	3.554
2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
2012	5.983	5.255	4.674	4.206	3.826	3.519	3.273	3.066	2.891	2.745
2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
2014	4.963	4.38	3.911	3.531	3.222	2.972	2.771	2.601	2.456	2.333
2015	4.534	4.01	3.588	3.244	2.964	2.739	2.556	2.401	2.269	2.157
2020	3.038	2.713	2.448	2.23	2.052	1.908	1.791	1.689	1.601	1.525
2025	2.234	2.008	1.821	1.667	1.54	1.438	1.355	1.283	1.219	1.163
2030	1.84	1.657	1.506	1.381	1.278	1.196	1.13	1.071	1.02	0.975
2035	1.625	1.464	1.331	1.221	1.131	1.06	1.002	0.952	0.907	0.868
2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



Representative Traffic Volumes (Vehicles per Hour)

N-S Road	4,010	N-S Road	4,820
E-W Road	4,110	E-W Road	4,790
Primary Road = E-W Road		Primary Road = N-S Road	

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			Traffic Volume	Emission Factor			
	0 Feet	25 Feet	50 Feet					
<b>A.M. Peak Hour</b>								
N-S Road	2.8	2.3	2.0	*	4,010	*	1.63	÷ 100,000
E-W Road	0.0	0.0	0.0	*	4,110	*	1.63	÷ 100,000
<b>P.M. Peak Hour</b>								
N-S Road	9.5	6.1	4.9	*	4,820	*	1.63	÷ 100,000
E-W Road	0.0	0.0	0.0	*	4,790	*	1.63	÷ 100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	2.2	2.7	1.9
25 Feet from Roadway Edge	2.1	2.5	1.7
50 Feet from Roadway Edge	2.1	2.4	1.7

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: The Old Road and Valencia  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
 Persistence Factor: 0.7  
 Analysis Year: 2035

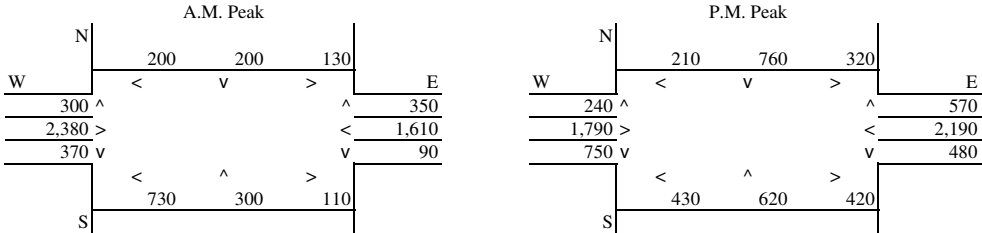
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway: The Old Road	AT GRADE	6	5	5
East-West Roadway: Valencia	AT GRADE	6	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
2009	8.018	6.995	6.187	5.54	5.017	4.597	4.259	3.979	3.746	3.554
2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
2012	5.983	5.255	4.674	4.206	3.826	3.519	3.273	3.066	2.891	2.745
2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
2014	4.963	4.38	3.911	3.531	3.222	2.972	2.771	2.601	2.456	2.333
2015	4.534	4.01	3.588	3.244	2.964	2.739	2.556	2.401	2.269	2.157
2020	3.038	2.713	2.448	2.23	2.052	1.908	1.791	1.689	1.601	1.525
2025	2.234	2.008	1.821	1.667	1.54	1.438	1.355	1.283	1.219	1.163
2030	1.84	1.657	1.506	1.381	1.278	1.196	1.13	1.071	1.02	0.975
2035	1.625	1.464	1.331	1.221	1.131	1.06	1.002	0.952	0.907	0.868
2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



Representative Traffic Volumes (Vehicles per Hour)

N-S Road	1,800	N-S Road	3,460
E-W Road	5,590	E-W Road	5,770
Primary Road = E-W Road		Primary Road = E-W Road	

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			*	Traffic Volume	*	Emission Factor	÷	
	0 Feet	25 Feet	50 Feet						
<b>A.M. Peak Hour</b>									
N-S Road	2.8	2.3	2.0	*	1,800	*	1.63	÷	100,000
E-W Road	9.5	6.1	4.9	*	5,590	*	1.63	÷	100,000
<b>P.M. Peak Hour</b>									
N-S Road	2.8	2.3	2.0	*	3,460	*	1.63	÷	100,000
E-W Road	9.5	6.1	4.9	*	5,770	*	1.63	÷	100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	2.9	3.0	2.1
25 Feet from Roadway Edge	2.6	2.7	1.9
50 Feet from Roadway Edge	2.5	2.6	1.8

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: The Old Road and Pico Canyon  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
 Persistence Factor: 0.7  
 Analysis Year: 2035

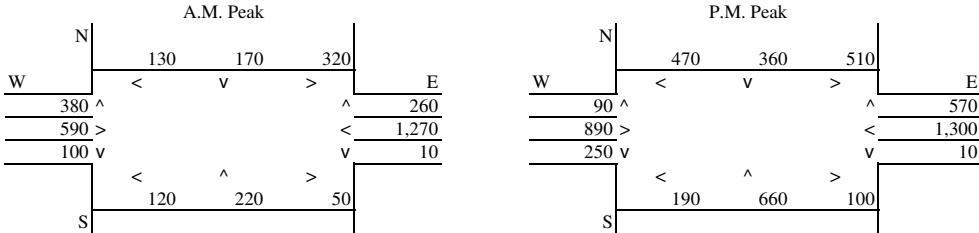
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway:	The Old Road	4	5	5
East-West Roadway:	Pico Canyon	4	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
2009	8.018	6.995	6.187	5.54	5.017	4.597	4.259	3.979	3.746	3.554
2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
2012	5.983	5.255	4.674	4.206	3.826	3.519	3.273	3.066	2.891	2.745
2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
2014	4.963	4.38	3.911	3.531	3.222	2.972	2.771	2.601	2.456	2.333
2015	4.534	4.01	3.588	3.244	2.964	2.739	2.556	2.401	2.269	2.157
2020	3.038	2.713	2.448	2.23	2.052	1.908	1.791	1.689	1.601	1.525
2025	2.234	2.008	1.821	1.667	1.54	1.438	1.355	1.283	1.219	1.163
2030	1.84	1.657	1.506	1.381	1.278	1.196	1.13	1.071	1.02	0.975
2035	1.625	1.464	1.331	1.221	1.131	1.06	1.002	0.952	0.907	0.868
2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



**Representative Traffic Volumes (Vehicles per Hour)**

N-S Road	1,480	N-S Road	2,660
E-W Road	2,590	E-W Road	3,380
Primary Road = E-W Road		Primary Road = E-W Road	

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			*	Traffic Volume	*	Emission Factor	÷	
	0 Feet	25 Feet	50 Feet						
<b>A.M. Peak Hour</b>									
N-S Road	3.3	2.6	2.2	*	1,480	*	1.63	÷	100,000
E-W Road	11.9	7.0	5.4	*	2,590	*	1.63	÷	100,000
<b>P.M. Peak Hour</b>									
N-S Road	3.3	2.6	2.2	*	2,660	*	1.63	÷	100,000
E-W Road	11.9	7.0	5.4	*	3,380	*	1.63	÷	100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	2.6	2.8	2.0
25 Feet from Roadway Edge	2.4	2.5	1.7
50 Feet from Roadway Edge	2.3	2.4	1.7

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: McBean and Magic Mountain  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
 Persistence Factor: 0.7  
 Analysis Year: 2035

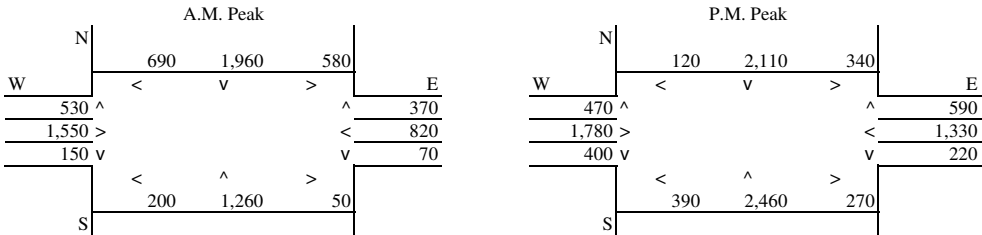
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway: McBean	AT GRADE	8	5	5
East-West Roadway: Magic Mountain	AT GRADE	6	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
2009	8.018	6.995	6.187	5.54	5.017	4.597	4.259	3.979	3.746	3.554
2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
2012	5.983	5.255	4.674	4.206	3.826	3.519	3.273	3.066	2.891	2.745
2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
2014	4.963	4.38	3.911	3.531	3.222	2.972	2.771	2.601	2.456	2.333
2015	4.534	4.01	3.588	3.244	2.964	2.739	2.556	2.401	2.269	2.157
2020	3.038	2.713	2.448	2.23	2.052	1.908	1.791	1.689	1.601	1.525
2025	2.234	2.008	1.821	1.667	1.54	1.438	1.355	1.283	1.219	1.163
2030	1.84	1.657	1.506	1.381	1.278	1.196	1.13	1.071	1.02	0.975
2035	1.625	1.464	1.331	1.221	1.131	1.06	1.002	0.952	0.907	0.868
2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



Representative Traffic Volumes (Vehicles per Hour)

N-S Road	5,390	N-S Road	6,090
E-W Road	3,940	E-W Road	4,530
Primary Road =	N-S Road	Primary Road =	N-S Road

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			Traffic Volume	Emission Factor
	0 Feet	25 Feet	50 Feet		
<b>A.M. Peak Hour</b>					
N-S Road	8.5	5.7	4.6	* 5,390	* 1.63 ÷ 100,000
E-W Road	2.8	2.3	2.0	* 3,940	* 1.63 ÷ 100,000
<b>P.M. Peak Hour</b>					
N-S Road	8.5	5.7	4.6	* 6,090	* 1.63 ÷ 100,000
E-W Road	2.8	2.3	2.0	* 4,530	* 1.63 ÷ 100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	2.9	3.0	2.1
25 Feet from Roadway Edge	2.6	2.7	1.9
50 Feet from Roadway Edge	2.5	2.6	1.8

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: Orchard Village and McBean  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
 Persistence Factor: 0.7  
 Analysis Year: 2035

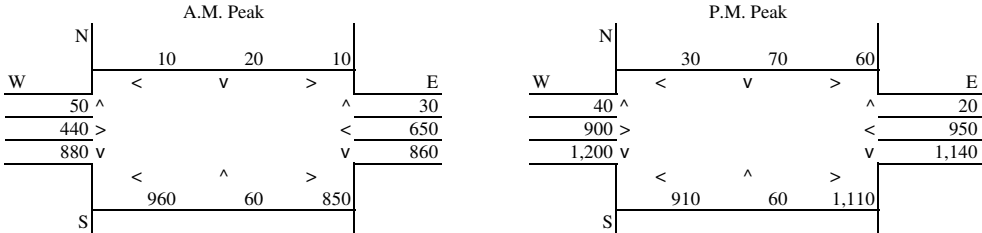
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway: Orchard Village	AT GRADE	2	5	5
East-West Roadway: McBean	AT GRADE	4	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
2009	8.018	6.995	6.187	5.54	5.017	4.597	4.259	3.979	3.746	3.554
2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
2012	5.983	5.255	4.674	4.206	3.826	3.519	3.273	3.066	2.891	2.745
2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
2014	4.963	4.38	3.911	3.531	3.222	2.972	2.771	2.601	2.456	2.333
2015	4.534	4.01	3.588	3.244	2.964	2.739	2.556	2.401	2.269	2.157
2020	3.038	2.713	2.448	2.23	2.052	1.908	1.791	1.689	1.601	1.525
2025	2.234	2.008	1.821	1.667	1.54	1.438	1.355	1.283	1.219	1.163
2030	1.84	1.657	1.506	1.381	1.278	1.196	1.13	1.071	1.02	0.975
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2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



Representative Traffic Volumes (Vehicles per Hour)

N-S Road	3,630	N-S Road	4,490
E-W Road	2,990	E-W Road	4,180
Primary Road =	N-S Road	Primary Road =	N-S Road

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			*	Traffic Volume	*	Emission Factor	÷	
	0 Feet	25 Feet	50 Feet						
<b>A.M. Peak Hour</b>									
N-S Road	14.0	7.6	5.7	*	3,630	*	1.63	÷	100,000
E-W Road	3.3	2.6	2.2	*	2,990	*	1.63	÷	100,000
<b>P.M. Peak Hour</b>									
N-S Road	14.0	7.6	5.7	*	4,490	*	1.63	÷	100,000
E-W Road	3.3	2.6	2.2	*	4,180	*	1.63	÷	100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	3.0	3.2	2.3
25 Feet from Roadway Edge	2.6	2.7	1.9
50 Feet from Roadway Edge	2.4	2.6	1.8

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: Orchard Village and Wiley Canyon  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
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 Analysis Year: 2035

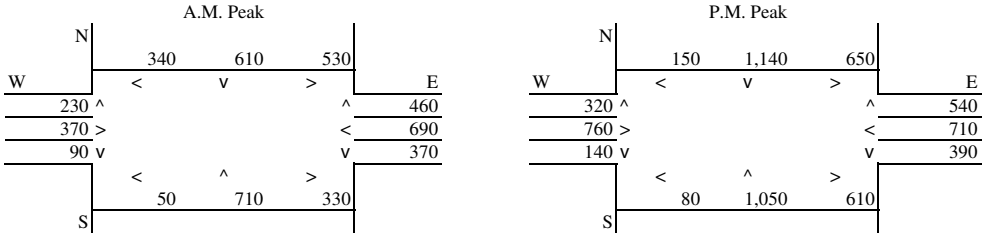
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway: Orchard Village	AT GRADE	4	5	5
East-West Roadway: Wiley Canyon	AT GRADE	6	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
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2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
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2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
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2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



Representative Traffic Volumes (Vehicles per Hour)

N-S Road	2,880	N-S Road	3,850
E-W Road	2,750	E-W Road	3,660
Primary Road = N-S Road		Primary Road = N-S Road	

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			Emission Factor	Traffic Volume	Emission Factor	÷	100,000
	0 Feet	25 Feet	50 Feet					
<b>A.M. Peak Hour</b>								
N-S Road	11.9	7.0	5.4	*	2,880	*	1.63	÷ 100,000
E-W Road	2.8	2.3	2.0	*	2,750	*	1.63	÷ 100,000
<b>P.M. Peak Hour</b>								
N-S Road	11.9	7.0	5.4	*	3,850	*	1.63	÷ 100,000
E-W Road	2.8	2.3	2.0	*	3,660	*	1.63	÷ 100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	2.7	2.9	2.0
25 Feet from Roadway Edge	2.4	2.6	1.8
50 Feet from Roadway Edge	2.3	2.5	1.7

**BAY AREA AQMD SIMPLIFIED CALINE4 ANALYSIS; UPDATED WITH EMFAC2007**

Project Title: One Valley One Vision  
 Intersection: Sierra Highway and Newhall  
 Analysis Condition: OVOV Buildout Conditions  
 Nearest Air Monitoring Station measuring CO: SRA 13 - Santa Clarita Valley  
 Background 1-hour CO Concentration (ppm): 2.0  
 Background 8-hour CO Concentration (ppm): 1.4  
 Persistence Factor: 0.7  
 Analysis Year: 2035

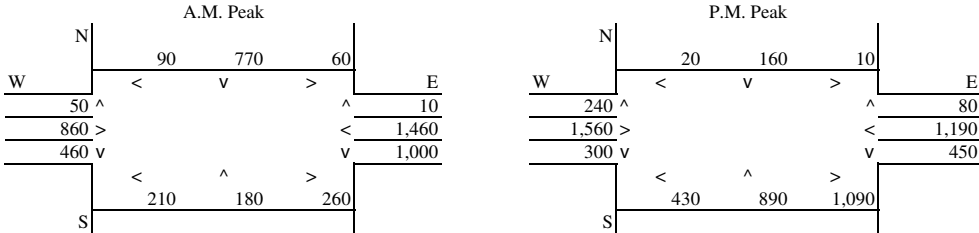
	Roadway Type	No. of Lanes	Approach/Departure Speed	
			A.M.	P.M.
North-South Roadway:	Sierra Highway	4	5	5
East-West Roadway:	Newhall	6	5	5

**EMFAC2007 COMPOSITE EMISSION FACTORS FOR CO**

Air Basin: South Coast County: Los Angeles  
 Assumes lowest mean wintertime temperature of 44 degrees F and 64% humidity.

Year	Average Speed (miles per hour)									
	5	8	11	14	17	20	23	26	29	32
2008	8.877	7.732	6.829	6.108	5.526	5.057	4.682	4.371	4.114	3.903
2009	8.018	6.995	6.187	5.54	5.017	4.597	4.259	3.979	3.746	3.554
2010	7.25	6.339	5.617	5.037	4.568	4.191	3.887	3.635	3.424	3.249
2011	6.578	5.765	5.118	4.598	4.176	3.836	3.563	3.334	3.142	2.983
2012	5.983	5.255	4.674	4.206	3.826	3.519	3.273	3.066	2.891	2.745
2013	5.437	4.787	4.267	3.846	3.504	3.228	3.006	2.818	2.66	2.526
2014	4.963	4.38	3.911	3.531	3.222	2.972	2.771	2.601	2.456	2.333
2015	4.534	4.01	3.588	3.244	2.964	2.739	2.556	2.401	2.269	2.157
2020	3.038	2.713	2.448	2.23	2.052	1.908	1.791	1.689	1.601	1.525
2025	2.234	2.008	1.821	1.667	1.54	1.438	1.355	1.283	1.219	1.163
2030	1.84	1.657	1.506	1.381	1.278	1.196	1.13	1.071	1.02	0.975
2035	1.625	1.464	1.331	1.221	1.131	1.06	1.002	0.952	0.907	0.868
2040	1.509	1.358	1.233	1.13	1.047	0.981	0.928	0.882	0.842	0.806

**PEAK HOUR TURNING VOLUMES**



Representative Traffic Volumes (Vehicles per Hour)

N-S Road	2,880	N-S Road	3,320
E-W Road	3,650	E-W Road	4,380
Primary Road = E-W Road		Primary Road = E-W Road	

**ROADWAY CO CONTRIBUTIONS**

Roadway	Reference CO Concentrations			Traffic Volume	Emission Factor
	0 Feet	25 Feet	50 Feet		
<b>A.M. Peak Hour</b>					
N-S Road	3.3	2.6	2.2	* 2,880	* 1.63 ÷ 100,000
E-W Road	9.5	6.1	4.9	* 3,650	* 1.63 ÷ 100,000
<b>P.M. Peak Hour</b>					
N-S Road	3.3	2.6	2.2	* 3,320	* 1.63 ÷ 100,000
E-W Road	9.5	6.1	4.9	* 4,380	* 1.63 ÷ 100,000

**TOTAL CO CONCENTRATIONS (ppm)**

	A.M. Peak Hour	P.M. Peak Hour	8-Hour
0 Feet from Roadway Edge	2.7	2.9	2.0
25 Feet from Roadway Edge	2.5	2.6	1.8
50 Feet from Roadway Edge	2.4	2.5	1.7