

**Appendix E:
Noise Supporting Information**

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FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: Sausalito General Plan EIR
Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Not Used)				Vehicle Mix 2 (Not Used)				Vehicle Mix 3 (US 101)			
	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evenin	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	68.08%	13.95%	16.32%	98.35%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	0.74%	0.13%	0.37%	1.24%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	0.22%	0.02%	0.16%	0.41%

Road Name: Bridgeway **Segment: South of N Bridge Boulevard**
 Average Daily Traffic: 26500 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	65.11	3.41	0.75	-1.20	68.07	65.61	64.75	60.66	68.17	68.67	70 dBA: 38	41
Medium Trucks	74.83	-15.58	0.75	-1.20	58.80	36.68	35.28	34.97	41.62	41.88	65 dBA: 81	88
Heavy Trucks	80.05	-20.40	0.75	-1.20	59.20	31.91	27.74	31.79	38.14	38.25	60 dBA: 176	190
Total:					69.04	65.62	64.75	60.68	68.18	68.68	55 dBA: 378	409

Road Name: Rodeo Avenue **Segment: East of U.S. 101**
 Average Daily Traffic: 1800 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Major Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-6.80	0.00	-1.20	51.44	48.98	48.11	44.02	51.53	52.04	70 dBA: 3	3
Medium Trucks	71.09	-25.79	0.00	-1.20	44.10	21.97	20.57	20.26	26.92	27.18	65 dBA: 6	7
Heavy Trucks	78.74	-30.62	0.00	-1.20	46.93	19.64	15.47	19.52	25.87	25.98	60 dBA: 14	15
Total:					53.31	48.99	48.12	44.06	51.56	52.06	55 dBA: 29	32

Road Name: Monte Mar Drive **Segment: West of Crecienta Drive**
 Average Daily Traffic: 1700 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Minor Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.51 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-7.05	-0.04	-1.20	51.15	48.69	47.82	43.73	51.24	51.75	70 dBA: 3	3
Medium Trucks	71.09	-26.04	-0.04	-1.20	43.81	21.68	20.28	19.97	26.62	26.89	65 dBA: 6	7
Heavy Trucks	78.74	-30.86	-0.04	-1.20	46.64	19.35	15.18	19.23	25.58	25.68	60 dBA: 13	14
Total:					53.02	48.70	47.83	43.77	51.27	51.77	55 dBA: 28	30

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: Sausalito General Plan EIR
Site Conditions: Soft

Road Name: Spencer Avenue **Segment: East of Wolfback Ridge Road**
Average Daily Traffic: 3200 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Major Collector

Vehicle Type		NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)									Centerline Distance to Noise Contour (in feet)		
		Noise Adjustments			Unmitigated Noise Levels						Ldn		CNEL
		REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-4.31	0.00	-1.20	53.94	51.48	50.61	46.52	54.03	54.54	70 dBA:	4	5
Medium Trucks	71.09	-23.30	0.00	-1.20	46.60	24.47	23.07	22.76	29.41	29.68	65 dBA:	9	10
Heavy Trucks	78.74	-28.12	0.00	-1.20	49.43	22.13	17.97	22.02	28.37	28.47	60 dBA:	20	22
Total:					55.81	51.49	50.62	46.56	54.06	54.56	55 dBA:	43	47

Road Name: Alexander Avenue **Segment: At City Limits**
Average Daily Traffic: 5800 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type		NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)									Centerline Distance to Noise Contour (in feet)		
		Noise Adjustments			Unmitigated Noise Levels						Ldn		CNEL
		REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-1.72	0.03	-1.20	56.55	54.09	53.22	49.13	56.64	57.14	70 dBA:	6	7
Medium Trucks	71.09	-20.71	0.03	-1.20	49.20	27.08	25.68	25.37	32.02	32.29	65 dBA:	14	15
Heavy Trucks	78.74	-25.53	0.03	-1.20	52.04	24.74	20.58	24.63	30.98	31.08	60 dBA:	30	32
Total:					58.42	54.10	53.23	49.17	56.67	57.17	55 dBA:	65	70

Road Name: 2nd Street **Segment: South of Richardson Street**
Average Daily Traffic: 6620 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type		NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)									Centerline Distance to Noise Contour (in feet)		
		Noise Adjustments			Unmitigated Noise Levels						Ldn		CNEL
		REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-1.15	0.03	-1.20	57.12	54.66	53.80	49.71	57.21	57.72	70 dBA:	7	8
Medium Trucks	71.09	-20.14	0.03	-1.20	49.78	27.65	26.25	25.95	32.60	32.86	65 dBA:	15	16
Heavy Trucks	78.74	-24.96	0.03	-1.20	52.61	25.32	21.15	25.20	31.55	31.66	60 dBA:	33	35
Total:					58.99	54.67	53.81	49.74	57.24	57.74	55 dBA:	71	76

Road Name: Bridgeway **Segment: South of Princess Street**
Average Daily Traffic: 7320 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type		NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)									Centerline Distance to Noise Contour (in feet)		
		Noise Adjustments			Unmitigated Noise Levels						Ldn		CNEL
		REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-0.71	0.03	-1.20	57.56	55.10	54.23	50.14	57.65	58.16	70 dBA:	8	8
Medium Trucks	71.09	-19.70	0.03	-1.20	50.22	28.09	26.69	26.38	33.03	33.30	65 dBA:	16	18
Heavy Trucks	78.74	-24.52	0.03	-1.20	53.05	25.75	21.59	25.64	31.99	32.09	60 dBA:	35	38
Total:					59.43	55.11	54.24	50.18	57.68	58.18	55 dBA:	75	81

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: Sausalito General Plan EIR
Site Conditions: Soft

Road Name: Bridgeway **Segment: South of Nevada Street**
Average Daily Traffic: 14960 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	65.11	0.93	0.75	-1.20	65.59	63.13	62.27	58.18	65.68	66.19	70 dBA: 26	28
Medium Trucks	74.83	-18.06	0.75	-1.20	56.32	34.19	32.80	32.49	39.14	39.40	65 dBA: 56	60
Heavy Trucks	80.05	-22.88	0.75	-1.20	56.71	29.42	25.26	29.31	35.66	35.76	60 dBA: 120	130
Total:					66.55	63.14	62.27	58.19	65.70	66.20	55 dBA: 258	279

Road Name: Bridgeway **Segment: South of Coloma Street**
Average Daily Traffic: 18050 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	65.11	1.75	0.75	-1.20	66.41	63.94	63.08	58.99	66.50	67.00	70 dBA: 29	32
Medium Trucks	74.83	-17.24	0.75	-1.20	57.13	35.01	33.61	33.30	39.95	40.22	65 dBA: 63	68
Heavy Trucks	80.05	-22.07	0.75	-1.20	57.53	30.24	26.07	30.12	36.47	36.58	60 dBA: 136	147
Total:					67.37	63.95	63.09	59.01	66.51	67.02	55 dBA: 293	316

Road Name: Bridgeway **Segment: South of Gate 5 Road**
Average Daily Traffic: 20820 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	65.11	2.37	0.75	-1.20	67.03	64.56	63.70	59.61	67.12	67.62	70 dBA: 32	35
Medium Trucks	74.83	-16.62	0.75	-1.20	57.75	35.63	34.23	33.92	40.57	40.84	65 dBA: 69	75
Heavy Trucks	80.05	-21.45	0.75	-1.20	58.15	30.86	26.69	30.74	37.09	37.20	60 dBA: 149	161
Total:					67.99	64.57	63.71	59.63	67.13	67.64	55 dBA: 322	348

Road Name: Richardson Street **Segment: West of 2nd Street**
Average Daily Traffic: 740 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-10.66	-0.06	-1.20	47.52	45.06	44.19	40.10	47.61	48.12	70 dBA: 2	2
Medium Trucks	71.09	-29.65	-0.06	-1.20	40.18	18.05	16.65	16.34	22.99	23.26	65 dBA: 3	4
Heavy Trucks	78.74	-34.48	-0.06	-1.20	43.01	15.72	11.55	15.60	21.95	22.05	60 dBA: 7	8
Total:					49.39	45.07	44.20	40.14	47.64	48.14	55 dBA: 16	17

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Princess Street		Segment: West of Bridgeway				Average Daily Traffic: 1220 Vehicles						Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Local	
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)												Centerline Distance to Noise Contour (in feet)					
Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)							
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL						
Automobiles	59.44	-8.49	-0.06	-1.20	49.69	47.23	46.37	42.28	49.78	50.29	70 dBA: 2 2						
Medium Trucks	71.09	-27.48	-0.06	-1.20	42.35	20.22	18.82	18.52	25.17	25.43	65 dBA: 5 5						
Heavy Trucks	78.74	-32.31	-0.06	-1.20	45.18	17.89	13.72	17.77	24.12	24.23	60 dBA: 10 11						
Total:				51.56	47.24	46.38	42.31	49.81	50.31	55 dBA: 23 24							

Road Name: Johnson Street		Segment: South of Bridgeway				Average Daily Traffic: 1790 Vehicles						Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Minor Collector	
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.51 ft)												Centerline Distance to Noise Contour (in feet)					
Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)							
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL						
Automobiles	59.44	-6.83	-0.04	-1.20	51.37	48.91	48.05	43.96	51.47	51.97	70 dBA: 3 3						
Medium Trucks	71.09	-25.82	-0.04	-1.20	44.03	21.90	20.51	20.20	26.85	27.11	65 dBA: 6 7						
Heavy Trucks	78.74	-30.64	-0.04	-1.20	46.86	19.57	15.41	19.46	25.80	25.91	60 dBA: 14 15						
Total:				53.24	48.92	48.06	43.99	51.49	52.00	55 dBA: 29 32							

Road Name: Napa Street		Segment: South of Bridgeway				Average Daily Traffic: 2630 Vehicles						Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Local	
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)												Centerline Distance to Noise Contour (in feet)					
Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)							
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL						
Automobiles	59.44	-5.16	-0.06	-1.20	53.03	50.56	49.70	45.61	53.12	53.62	70 dBA: 4 4						
Medium Trucks	71.09	-24.15	-0.06	-1.20	45.68	23.56	22.16	21.85	28.50	28.77	65 dBA: 8 9						
Heavy Trucks	78.74	-28.97	-0.06	-1.20	48.51	21.22	17.06	21.11	27.46	27.56	60 dBA: 17 19						
Total:				54.90	50.58	49.71	45.65	53.15	53.65	55 dBA: 38 41							

Road Name: Easterby Street		Segment: South of Bridgeway				Average Daily Traffic: 1600 Vehicles						Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Local	
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)												Centerline Distance to Noise Contour (in feet)					
Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)							
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL						
Automobiles	59.44	-7.32	-0.06	-1.20	50.87	48.41	47.54	43.45	50.96	51.47	70 dBA: 3 3						
Medium Trucks	71.09	-26.31	-0.06	-1.20	43.53	21.40	20.00	19.69	26.34	26.61	65 dBA: 6 6						
Heavy Trucks	78.74	-31.13	-0.06	-1.20	46.36	19.06	14.90	18.95	25.30	25.40	60 dBA: 13 14						
Total:				52.74	48.42	47.55	43.49	50.99	51.49	55 dBA: 27 29							

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: Sausalito General Plan EIR
Site Conditions: Soft

Road Name: Spring Street **Segment: South of Bridgeway**
 Average Daily Traffic: 1340 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	59.44	-8.09	-0.06	-1.20	50.10	47.64	46.77	42.68	50.19	50.70	70 dBA:	2	3
Medium Trucks	71.09	-27.08	-0.06	-1.20	42.76	20.63	19.23	18.92	25.57	25.84	65 dBA:	5	6
Heavy Trucks	78.74	-31.90	-0.06	-1.20	45.59	18.29	14.13	18.18	24.53	24.63	60 dBA:	11	12
Total:					51.97	47.65	46.78	42.72	50.22	50.72	55 dBA:	24	26

Road Name: Nevada Street **Segment: South of Bridgeway**
 Average Daily Traffic: 2340 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Major Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	59.44	-5.66	0.00	-1.20	52.58	50.12	49.25	45.16	52.67	53.18	70 dBA:	4	4
Medium Trucks	71.09	-24.65	0.00	-1.20	45.24	23.11	21.71	21.40	28.05	28.32	65 dBA:	8	8
Heavy Trucks	78.74	-29.48	0.00	-1.20	48.07	20.78	16.61	20.66	27.01	27.11	60 dBA:	16	18
Total:					54.45	50.13	49.26	45.20	52.70	53.20	55 dBA:	35	38

Road Name: Harbor Drive **Segment: South of Bridgeway**
 Average Daily Traffic: 800 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	59.44	-10.33	-0.06	-1.20	47.86	45.40	44.53	40.44	47.95	48.46	70 dBA:	2	2
Medium Trucks	71.09	-29.32	-0.06	-1.20	40.52	18.39	16.99	16.68	23.33	23.60	65 dBA:	4	4
Heavy Trucks	78.74	-34.14	-0.06	-1.20	43.35	16.05	11.89	15.94	22.29	22.39	60 dBA:	8	9
Total:					49.73	45.41	44.54	40.48	47.98	48.48	55 dBA:	17	18

Road Name: Coloma Street **Segment: South of Bridgeway**
 Average Daily Traffic: 2100 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	59.44	-6.13	-0.06	-1.20	52.05	49.59	48.72	44.63	52.14	52.65	70 dBA:	3	3
Medium Trucks	71.09	-25.12	-0.06	-1.20	44.71	22.58	21.18	20.87	27.52	27.79	65 dBA:	7	8
Heavy Trucks	78.74	-29.95	-0.06	-1.20	47.54	20.25	16.08	20.13	26.48	26.58	60 dBA:	15	16
Total:					53.92	49.60	48.73	44.67	52.17	52.67	55 dBA:	32	35

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Ebbitide Avenue

Segment: South of Bridgeway

Average Daily Traffic: 1200 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL	Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-8.57	-0.06	-1.20	49.62	47.16	46.29	42.20	49.71	50.22	70 dBA:	2	2
Medium Trucks	71.09	-27.55	-0.06	-1.20	42.28	20.15	18.75	18.44	25.09	25.36	65 dBA:	5	5
Heavy Trucks	78.74	-32.38	-0.06	-1.20	45.11	17.82	13.65	17.70	24.05	24.15	60 dBA:	10	11
	Total:				51.49	47.17	46.30	42.24	49.74	50.24	55 dBA:	22	24

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: BUILDOUT YEAR 2040 WITHOUT PROJECT CONDITIONS

Project: Sausalito General Plan EIR

Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Not Used)				Vehicle Mix 2 (Not Used)				Vehicle Mix 3 (US 101)			
	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evening	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	68.08%	13.95%	16.32%	98.35%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	0.74%	0.13%	0.37%	1.24%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	0.22%	0.02%	0.16%	0.41%

Road Name: Bridgeway

Segment: South of N Bridge Boulevard

Average Daily Traffic: 26500 Vehicles

Vehicle Speed: 35 MPH

Vehicle Mix: 3

Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	65.11	3.41	0.75	-1.20	68.07	65.61	64.75	60.66	68.17	68.67	70 dBA:	38	41
Medium Trucks	74.83	-15.58	0.75	-1.20	58.80	36.68	35.28	34.97	41.62	41.88	65 dBA:	81	88
Heavy Trucks	80.05	-20.40	0.75	-1.20	59.20	31.91	27.74	31.79	38.14	38.25	60 dBA:	176	190
	Total:				69.04	65.62	64.75	60.68	68.18	68.68	55 dBA:	378	409

Road Name: Rodeo Avenue

Segment: East of U.S. 101

Average Daily Traffic: 1800 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Major Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	59.44	-6.80	0.00	-1.20	51.44	48.98	48.11	44.02	51.53	52.04	70 dBA:	3	3
Medium Trucks	71.09	-25.79	0.00	-1.20	44.10	21.97	20.57	20.26	26.92	27.18	65 dBA:	6	7
Heavy Trucks	78.74	-30.62	0.00	-1.20	46.93	19.64	15.47	19.52	25.87	25.98	60 dBA:	14	15
	Total:				53.31	48.99	48.12	44.06	51.56	52.06	55 dBA:	29	32

Road Name: Monte Mar Drive

Segment: West of Crecienta Drive

Average Daily Traffic: 1700 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Minor Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.51 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	59.44	-7.05	-0.04	-1.20	51.15	48.69	47.82	43.73	51.24	51.75	70 dBA:	3	3
Medium Trucks	71.09	-26.04	-0.04	-1.20	43.81	21.68	20.28	19.97	26.62	26.89	65 dBA:	6	7
Heavy Trucks	78.74	-30.86	-0.04	-1.20	46.64	19.35	15.18	19.23	25.58	25.68	60 dBA:	13	14
	Total:				53.02	48.70	47.83	43.77	51.27	51.77	55 dBA:	28	30

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: BUILDOUT YEAR 2040 WITHOUT PROJECT CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Spencer Avenue Segment: East of Wolfback Ridge Road
Average Daily Traffic: 3200 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Major Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	59.44	-4.31	0.00	-1.20	53.94	51.48	50.61	46.52	54.03	54.54	70 dBA:	4	5
Medium Trucks	71.09	-23.30	0.00	-1.20	46.60	24.47	23.07	22.76	29.41	29.68	65 dBA:	9	10
Heavy Trucks	78.74	-28.12	0.00	-1.20	49.43	22.13	17.97	22.02	28.37	28.47	60 dBA:	20	22
Total:				55.81	51.49	50.62	46.56	54.06	54.56		55 dBA:	43	47

Road Name: Alexander Avenue Segment: At City Limits
Average Daily Traffic: 5800 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	59.44	-1.72	0.03	-1.20	56.55	54.09	53.22	49.13	56.64	57.14	70 dBA:	6	7
Medium Trucks	71.09	-20.71	0.03	-1.20	49.20	27.08	25.68	25.37	32.02	32.29	65 dBA:	14	15
Heavy Trucks	78.74	-25.53	0.03	-1.20	52.04	24.74	20.58	24.63	30.98	31.08	60 dBA:	30	32
Total:				58.42	54.10	53.23	49.17	56.67	57.17		55 dBA:	65	70

Road Name: 2nd Street Segment: South of Richardson Street
Average Daily Traffic: 6620 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	59.44	-1.15	0.03	-1.20	57.12	54.66	53.80	49.71	57.21	57.72	70 dBA:	7	8
Medium Trucks	71.09	-20.14	0.03	-1.20	49.78	27.65	26.25	25.95	32.60	32.86	65 dBA:	15	16
Heavy Trucks	78.74	-24.96	0.03	-1.20	52.61	25.32	21.15	25.20	31.55	31.66	60 dBA:	33	35
Total:				58.99	54.67	53.81	49.74	57.24	57.74		55 dBA:	71	76

Road Name: Bridgeway Segment: South of Princess Street
Average Daily Traffic: 7320 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	59.44	-0.71	0.03	-1.20	57.56	55.10	54.23	50.14	57.65	58.16	70 dBA:	8	8
Medium Trucks	71.09	-19.70	0.03	-1.20	50.22	28.09	26.69	26.38	33.03	33.30	65 dBA:	16	18
Heavy Trucks	78.74	-24.52	0.03	-1.20	53.05	25.75	21.59	25.64	31.99	32.09	60 dBA:	35	38
Total:				59.43	55.11	54.24	50.18	57.68	58.18		55 dBA:	75	81

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: BUILDOUT YEAR 2040 WITHOUT PROJECT CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Bridgeway Segment: South of Bay Street
Average Daily Traffic: 8140 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-0.25	0.03	-1.20	58.02	55.56	54.69	50.60	58.11	58.62	70 dBA: 8	9
Medium Trucks	71.09	-19.24	0.03	-1.20	50.68	28.55	27.15	26.84	33.49	33.76	65 dBA: 17	19
Heavy Trucks	78.74	-24.06	0.03	-1.20	53.51	26.22	22.05	26.10	32.45	32.55	60 dBA: 38	41
Total:					59.89	55.57	54.70	50.64	58.14	58.64	55 dBA: 81	87

Road Name: Bridgeway Segment: South of Johnson Street
Average Daily Traffic: 9370 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	0.36	0.03	-1.20	58.63	56.17	55.31	51.22	58.72	59.23	70 dBA: 9	10
Medium Trucks	71.09	-18.63	0.03	-1.20	51.29	29.16	27.76	27.45	34.11	34.37	65 dBA: 19	21
Heavy Trucks	78.74	-23.45	0.03	-1.20	54.12	26.83	22.66	26.71	33.06	33.17	60 dBA: 41	45
Total:					60.50	56.18	55.32	51.25	58.75	59.25	55 dBA: 89	96

Road Name: Bridgeway Segment: South of Napa Street
Average Daily Traffic: 11090 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	1.09	0.03	-1.20	59.36	56.90	56.04	51.95	59.46	59.96	70 dBA: 10	11
Medium Trucks	71.09	-17.90	0.03	-1.20	52.02	29.89	28.50	28.19	34.84	35.10	65 dBA: 21	23
Heavy Trucks	78.74	-22.72	0.03	-1.20	54.85	27.56	23.39	27.44	33.79	33.90	60 dBA: 46	50
Total:					61.23	56.91	56.05	51.98	59.48	59.98	55 dBA: 99	107

Road Name: Bridgeway Segment: South of Marinship Way
Average Daily Traffic: 13040 Vehicles Vehicle Speed: 30 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)	
	Noise Adjustments				Unmitigated Noise Levels							
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	62.51	1.00	0.75	-1.20	63.07	60.60	59.74	55.65	63.16	63.66	70 dBA: 18	19
Medium Trucks	73.11	-17.99	0.75	-1.20	54.68	32.55	31.15	30.85	37.50	37.76	65 dBA: 38	41
Heavy Trucks	80.26	-22.81	0.75	-1.20	57.00	29.71	25.55	29.60	35.94	36.05	60 dBA: 81	88
Total:					64.50	60.61	59.75	55.68	63.18	63.68	55 dBA: 175	190

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: BUILDOUT YEAR 2040 WITHOUT PROJECT CONDITIONS

Project: Sausalito General Plan EIR
Site Conditions: Soft

Road Name: Princess Street **Segment: West of Bridgeway**
Average Daily Traffic: 1220 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-8.49	-0.06	-1.20	49.69	47.23	46.37	42.28	49.78	50.29	70 dBA:	2	2
Medium Trucks	71.09	-27.48	-0.06	-1.20	42.35	20.22	18.82	18.52	25.17	25.43	65 dBA:	5	5
Heavy Trucks	78.74	-32.31	-0.06	-1.20	45.18	17.89	13.72	17.77	24.12	24.23	60 dBA:	10	11
Total:					51.56	47.24	46.38	42.31	49.81	50.31	55 dBA:	23	24

Road Name: Johnson Street **Segment: South of Bridgeway**
Average Daily Traffic: 1790 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Minor Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.51 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-6.83	-0.04	-1.20	51.37	48.91	48.05	43.96	51.47	51.97	70 dBA:	3	3
Medium Trucks	71.09	-25.82	-0.04	-1.20	44.03	21.90	20.51	20.20	26.85	27.11	65 dBA:	6	7
Heavy Trucks	78.74	-30.64	-0.04	-1.20	46.86	19.57	15.41	19.46	25.80	25.91	60 dBA:	14	15
Total:					53.24	48.92	48.06	43.99	51.49	52.00	55 dBA:	29	32

Road Name: Napa Street **Segment: South of Bridgeway**
Average Daily Traffic: 2630 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-5.16	-0.06	-1.20	53.03	50.56	49.70	45.61	53.12	53.62	70 dBA:	4	4
Medium Trucks	71.09	-24.15	-0.06	-1.20	45.68	23.56	22.16	21.85	28.50	28.77	65 dBA:	8	9
Heavy Trucks	78.74	-28.97	-0.06	-1.20	48.51	21.22	17.06	21.11	27.46	27.56	60 dBA:	17	19
Total:					54.90	50.58	49.71	45.65	53.15	53.65	55 dBA:	38	41

Road Name: Easterby Street **Segment: South of Bridgeway**
Average Daily Traffic: 1600 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-7.32	-0.06	-1.20	50.87	48.41	47.54	43.45	50.96	51.47	70 dBA:	3	3
Medium Trucks	71.09	-26.31	-0.06	-1.20	43.53	21.40	20.00	19.69	26.34	26.61	65 dBA:	6	6
Heavy Trucks	78.74	-31.13	-0.06	-1.20	46.36	19.06	14.90	18.95	25.30	25.40	60 dBA:	13	14
Total:					52.74	48.42	47.55	43.49	50.99	51.49	55 dBA:	27	29

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: **BUILDOUT YEAR 2040 WITHOUT PROJECT CONDITIONS**

Project: **Sausalito General Plan EIR**

Site Conditions: **Soft**

Road Name: Spring Street

Segment: South of Bridgeway

Average Daily Traffic: 1340 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)			
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night						
Automobiles	59.44	-8.09	-0.06	-1.20	50.10	47.64	46.77	42.68	50.19	50.70	70 dBA:	2	3	
Medium Trucks	71.09	-27.08	-0.06	-1.20	42.76	20.63	19.23	18.92	25.57	25.84	65 dBA:	5	6	
Heavy Trucks	78.74	-31.90	-0.06	-1.20	45.59	18.29	14.13	18.18	24.53	24.63	60 dBA:	11	12	
Total:					51.97	47.65	46.78	42.72	50.22	50.72	55 dBA:	24	26	

Road Name: Nevada Street

Segment: South of Bridgeway

Average Daily Traffic: 2340 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Major Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										Centerline Distance to Noise Contour (in feet)			
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night						
Automobiles	59.44	-5.66	0.00	-1.20	52.58	50.12	49.25	45.16	52.67	53.18	70 dBA:	4	4	
Medium Trucks	71.09	-24.65	0.00	-1.20	45.24	23.11	21.71	21.40	28.05	28.32	65 dBA:	8	8	
Heavy Trucks	78.74	-29.48	0.00	-1.20	48.07	20.78	16.61	20.66	27.01	27.11	60 dBA:	16	18	
Total:					54.45	50.13	49.26	45.20	52.70	53.20	55 dBA:	35	38	

Road Name: Harbor Drive

Segment: South of Bridgeway

Average Daily Traffic: 800 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)			
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night						
Automobiles	59.44	-10.33	-0.06	-1.20	47.86	45.40	44.53	40.44	47.95	48.46	70 dBA:	2	2	
Medium Trucks	71.09	-29.32	-0.06	-1.20	40.52	18.39	16.99	16.68	23.33	23.60	65 dBA:	4	4	
Heavy Trucks	78.74	-34.14	-0.06	-1.20	43.35	16.05	11.89	15.94	22.29	22.39	60 dBA:	8	9	
Total:					49.73	45.41	44.54	40.48	47.98	48.48	55 dBA:	17	18	

Road Name: Coloma Street

Segment: South of Bridgeway

Average Daily Traffic: 2100 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)			
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	Ldn	CNEL
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night						
Automobiles	59.44	-6.13	-0.06	-1.20	52.05	49.59	48.72	44.63	52.14	52.65	70 dBA:	3	3	
Medium Trucks	71.09	-25.12	-0.06	-1.20	44.71	22.58	21.18	20.87	27.52	27.79	65 dBA:	7	8	
Heavy Trucks	78.74	-29.95	-0.06	-1.20	47.54	20.25	16.08	20.13	26.48	26.58	60 dBA:	15	16	
Total:					53.92	49.60	48.73	44.67	52.17	52.67	55 dBA:	32	35	

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: BUILDOUT YEAR 2040 WITHOUT PROJECT CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Ebbitide Avenue

Segment: South of Bridgeway

Average Daily Traffic: 1200 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-8.57	-0.06	-1.20	49.62	47.16	46.29	42.20	49.71	50.22	70 dBA:	2	2
Medium Trucks	71.09	-27.55	-0.06	-1.20	42.28	20.15	18.75	18.44	25.09	25.36	65 dBA:	5	5
Heavy Trucks	78.74	-32.38	-0.06	-1.20	45.11	17.82	13.65	17.70	24.05	24.15	60 dBA:	10	11
				Total:	51.49	47.17	46.30	42.24	49.74	50.24	55 dBA:	22	24

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: GENERAL PLAN BUILDOUT YEAR 2040 CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Vehicle Type	Vehicle Mix 1 (Not Used)				Vehicle Mix 2 (Not Used)				Vehicle Mix 3 (US 101)			
	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evening	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	68.08%	13.95%	16.32%	98.35%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	0.74%	0.13%	0.37%	1.24%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	0.22%	0.02%	0.16%	0.41%

Road Name: Bridgeway

Segment: South of N Bridge Boulevard

Average Daily Traffic: 33400 Vehicles

Vehicle Speed: 35 MPH

Vehicle Mix: 3

Roadway Classification: Primary Arterial

NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)											Centerline Distance to		
Vehicle Type	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	65.11	4.42	0.75	-1.20	69.08	66.62	65.75	61.66	69.17	69.68	70 dBA:	44	48
Medium Trucks	74.83	-14.57	0.75	-1.20	59.81	37.68	36.28	35.97	42.63	42.89	65 dBA:	95	103
Heavy Trucks	80.05	-19.39	0.75	-1.20	60.20	32.91	28.75	32.80	39.14	39.25	60 dBA:	205	221
Total:					70.04	66.62	65.76	61.68	69.19	69.69	55 dBA:	441	477

Road Name: Rodeo Avenue

Segment: East of U.S. 101

Average Daily Traffic: 2100 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Major Collector

NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)											Centerline Distance to		
Vehicle Type	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-6.13	0.00	-1.20	52.11	49.65	48.78	44.69	52.20	52.71	70 dBA:	3	4
Medium Trucks	71.09	-25.12	0.00	-1.20	44.77	22.64	21.24	20.93	27.58	27.85	65 dBA:	7	8
Heavy Trucks	78.74	-29.95	0.00	-1.20	47.60	20.31	16.14	20.19	26.54	26.64	60 dBA:	15	16
Total:					53.98	49.66	48.79	44.73	52.23	52.73	55 dBA:	33	35

Road Name: Monte Mar Drive

Segment: West of Crecienta Drive

Average Daily Traffic: 2000 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Minor Collector

NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.51 ft)											Centerline Distance to		
Vehicle Type	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-6.35	-0.04	-1.20	51.85	49.39	48.53	44.44	51.95	52.45	70 dBA:	3	3
Medium Trucks	71.09	-25.34	-0.04	-1.20	44.51	22.39	20.99	20.68	27.33	27.59	65 dBA:	7	7
Heavy Trucks	78.74	-30.16	-0.04	-1.20	47.34	20.05	15.89	19.94	26.28	26.39	60 dBA:	15	16
Total:					53.72	49.41	48.54	44.47	51.97	52.48	55 dBA:	31	34

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: GENERAL PLAN BUILDOUT YEAR 2040 CONDITIONS

Project: Sausalito General Plan EIR

Site Conditions: Soft

Road Name: Spencer Avenue

Segment: East of Wolfback Ridge Road

Average Daily Traffic: 3900 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Major Collector

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-3.45	0.00	-1.20	54.80	52.34	51.47	47.38	54.89	55.40	70 dBA:	5	5
Medium Trucks	71.09	-22.44	0.00	-1.20	47.46	25.33	23.93	23.62	30.27	30.54	65 dBA:	11	11
Heavy Trucks	78.74	-27.26	0.00	-1.20	50.29	22.99	18.83	22.88	29.23	29.33	60 dBA:	23	25
Total:					56.67	52.35	51.48	47.42	54.92	55.42	55 dBA:	49	53

Road Name: Alexander Avenue

Segment: At City Limits

Average Daily Traffic: 7700 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-0.49	0.03	-1.20	57.78	55.32	54.45	50.36	57.87	58.38	70 dBA:	8	8
Medium Trucks	71.09	-19.48	0.03	-1.20	50.44	28.31	26.91	26.60	33.25	33.52	65 dBA:	17	18
Heavy Trucks	78.74	-24.30	0.03	-1.20	53.27	25.97	21.81	25.86	32.21	32.31	60 dBA:	36	39
Total:					59.65	55.33	54.46	50.40	57.90	58.40	55 dBA:	78	84

Road Name: 2nd Street

Segment: South of Richardson Street

Average Daily Traffic: 8690 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	0.03	0.03	-1.20	58.30	55.84	54.98	50.89	58.40	58.90	70 dBA:	8	9
Medium Trucks	71.09	-18.96	0.03	-1.20	50.96	28.83	27.44	27.13	33.78	34.04	65 dBA:	18	20
Heavy Trucks	78.74	-23.78	0.03	-1.20	53.79	26.50	22.34	26.39	32.73	32.84	60 dBA:	39	42
Total:					60.17	55.85	54.99	50.92	58.42	58.93	55 dBA:	85	91

Road Name: Bridgeway

Segment: South of Princess Street

Average Daily Traffic: 9340 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Secondary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Ldn	CNEL	
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	0.35	0.03	-1.20	58.62	56.15	55.29	51.20	58.71	59.21	70 dBA:	9	10
Medium Trucks	71.09	-18.64	0.03	-1.20	51.27	29.15	27.75	27.44	34.09	34.36	65 dBA:	19	21
Heavy Trucks	78.74	-23.47	0.03	-1.20	54.10	26.81	22.65	26.70	33.05	33.15	60 dBA:	41	44
Total:					60.49	56.17	55.30	51.23	58.74	59.24	55 dBA:	89	96

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: GENERAL PLAN BUILDOUT YEAR 2040 CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Bridgeway		Segment: South of Bay Street										
Average Daily Traffic: 10380 Vehicles		Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Secondary Arterial						
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)											Centerline Distance to	
Noise Adjustments					Unmitigated Noise Levels						Noise Contour (in feet)	
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	0.80	0.03	-1.20	59.07	56.61	55.75	51.66	59.17	59.67	70 dBA:	10 10
Medium Trucks	71.09	-18.18	0.03	-1.20	51.73	29.61	28.21	27.90	34.55	34.81	65 dBA:	21 22
Heavy Trucks	78.74	-23.01	0.03	-1.20	54.56	27.27	23.11	27.16	33.50	33.61	60 dBA:	44 48
Total:				60.94	56.63	55.76	51.69	59.20	59.70		55 dBA:	95 103

Road Name: Bridgeway		Segment: South of Johnson Street										
Average Daily Traffic: 11950 Vehicles		Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Secondary Arterial						
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)											Centerline Distance to	
Noise Adjustments					Unmitigated Noise Levels						Noise Contour (in feet)	
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	1.42	0.03	-1.20	59.69	57.22	56.36	52.27	59.78	60.28	70 dBA:	10 11
Medium Trucks	71.09	-17.57	0.03	-1.20	52.34	30.22	28.82	28.51	35.16	35.43	65 dBA:	23 24
Heavy Trucks	78.74	-22.40	0.03	-1.20	55.17	27.88	23.72	27.77	34.12	34.22	60 dBA:	49 52
Total:				61.56	57.24	56.37	52.30	59.81	60.31		55 dBA:	105 113

Road Name: Bridgeway		Segment: South of Napa Street										
Average Daily Traffic: 14680 Vehicles		Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Secondary Arterial						
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.99 ft)											Centerline Distance to	
Noise Adjustments					Unmitigated Noise Levels						Noise Contour (in feet)	
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	2.31	0.03	-1.20	60.58	58.12	57.25	53.16	60.67	61.18	70 dBA:	12 13
Medium Trucks	71.09	-16.68	0.03	-1.20	53.24	31.11	29.71	29.40	36.06	36.32	65 dBA:	26 28
Heavy Trucks	78.74	-21.50	0.03	-1.20	56.07	28.78	24.61	28.66	35.01	35.12	60 dBA:	56 60
Total:				62.45	58.13	57.26	53.20	60.70	61.20		55 dBA:	120 130

Road Name: Bridgeway		Segment: South of Marinship Way										
Average Daily Traffic: 19740 Vehicles		Vehicle Speed: 30 MPH		Vehicle Mix: 3		Roadway Classification: Primary Arterial						
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)											Centerline Distance to	
Noise Adjustments					Unmitigated Noise Levels						Noise Contour (in feet)	
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	62.51	2.80	0.75	-1.20	64.87	62.40	61.54	57.45	64.96	65.46	70 dBA:	23 25
Medium Trucks	73.11	-16.18	0.75	-1.20	56.48	34.35	32.95	32.65	39.30	39.56	65 dBA:	50 54
Heavy Trucks	80.26	-21.01	0.75	-1.20	58.80	31.51	27.35	31.40	37.74	37.85	60 dBA:	107 116
Total:				66.30	62.42	61.55	57.48	64.98	65.48		55 dBA:	231 250

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: GENERAL PLAN BUILDOUT YEAR 2040 CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Bridgeway **Segment: South of Nevada Street**
Average Daily Traffic: 19790 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	65.11	2.15	0.75	-1.20	66.81	64.34	63.48	59.39	66.90	67.40	70 dBA:	31	34
Medium Trucks	74.83	-16.84	0.75	-1.20	57.53	35.41	34.01	33.70	40.35	40.62	65 dBA:	67	72
Heavy Trucks	80.05	-21.67	0.75	-1.20	57.93	30.64	26.47	30.52	36.87	36.98	60 dBA:	144	156
Total:					67.77	64.35	63.49	59.41	66.91	67.42	55 dBA:	311	336

Road Name: Bridgeway **Segment: South of Coloma Street**
Average Daily Traffic: 24130 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	65.11	3.01	0.75	-1.20	67.67	65.20	64.34	60.25	67.76	68.26	70 dBA:	36	38
Medium Trucks	74.83	-15.98	0.75	-1.20	58.40	36.27	34.87	34.56	41.21	41.48	65 dBA:	77	83
Heavy Trucks	80.05	-20.80	0.75	-1.20	58.79	31.50	27.34	31.39	37.73	37.84	60 dBA:	165	178
Total:					68.63	65.21	64.35	60.27	67.77	68.28	55 dBA:	355	384

Road Name: Bridgeway **Segment: South of Gate 5 Road**
Average Daily Traffic: 27170 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 3 Roadway Classification: Primary Arterial

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 43.86 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	65.11	3.52	0.75	-1.20	68.18	65.72	64.86	60.77	68.28	68.78	70 dBA:	38	42
Medium Trucks	74.83	-15.47	0.75	-1.20	58.91	36.78	35.39	35.08	41.73	41.99	65 dBA:	83	89
Heavy Trucks	80.05	-20.29	0.75	-1.20	59.31	32.01	27.85	31.90	38.25	38.35	60 dBA:	178	193
Total:					69.14	65.73	64.86	60.78	68.29	68.79	55 dBA:	385	415

Road Name: Richardson Street **Segment: West of 2nd Street**
Average Daily Traffic: 920 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 3 Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL		
Automobiles	59.44	-9.72	-0.06	-1.20	48.46	46.00	45.14	41.05	48.56	49.06	70 dBA:	2	2
Medium Trucks	71.09	-28.71	-0.06	-1.20	41.12	19.00	17.60	17.29	23.94	24.20	65 dBA:	4	4
Heavy Trucks	78.74	-33.53	-0.06	-1.20	43.95	16.66	12.50	16.55	22.89	23.00	60 dBA:	9	9
Total:					50.34	46.02	45.15	41.08	48.59	49.09	55 dBA:	19	20

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: GENERAL PLAN BUILDOUT YEAR 2040 CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Spring Street		Segment: South of Bridgeway											
Average Daily Traffic: 1510 Vehicles				Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Local					
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)											Centerline Distance to		
Noise Adjustments											Noise Contour (in feet)		
Unmitigated Noise Levels													
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL	
Automobiles	59.44	-7.57	-0.06	-1.20	50.62	48.15	47.29	43.20	50.71	51.21	70 dBA:	3	3
Medium Trucks	71.09	-26.56	-0.06	-1.20	43.27	21.15	19.75	19.44	26.09	26.36	65 dBA:	6	6
Heavy Trucks	78.74	-31.38	-0.06	-1.20	46.11	18.81	14.65	18.70	25.05	25.15	60 dBA:	12	13
Total:				52.49	48.17	47.30	43.24	50.74	51.24		55 dBA:	26	28

Road Name: Nevada Street		Segment: South of Bridgeway											
Average Daily Traffic: 2720 Vehicles				Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Major Collector					
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)											Centerline Distance to		
Noise Adjustments											Noise Contour (in feet)		
Unmitigated Noise Levels													
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL	
Automobiles	59.44	-5.01	0.00	-1.20	53.23	50.77	49.91	45.82	53.33	53.83	70 dBA:	4	4
Medium Trucks	71.09	-24.00	0.00	-1.20	45.89	23.76	22.37	22.06	28.71	28.97	65 dBA:	8	9
Heavy Trucks	78.74	-28.82	0.00	-1.20	48.72	21.43	17.27	21.32	27.66	27.77	60 dBA:	18	19
Total:				55.10	50.78	49.92	45.85	53.35	53.86		55 dBA:	39	42

Road Name: Harbor Drive		Segment: South of Bridgeway											
Average Daily Traffic: 860 Vehicles				Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Local					
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)											Centerline Distance to		
Noise Adjustments											Noise Contour (in feet)		
Unmitigated Noise Levels													
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL	
Automobiles	59.44	-10.01	-0.06	-1.20	48.17	45.71	44.85	40.76	48.27	48.77	70 dBA:	2	2
Medium Trucks	71.09	-29.00	-0.06	-1.20	40.83	18.70	17.31	17.00	23.65	23.91	65 dBA:	4	4
Heavy Trucks	78.74	-33.82	-0.06	-1.20	43.66	16.37	12.20	16.25	22.60	22.71	60 dBA:	8	9
Total:				50.04	45.72	44.86	40.79	48.29	48.79		55 dBA:	18	19

Road Name: Coloma Street		Segment: South of Bridgeway											
Average Daily Traffic: 2350 Vehicles				Vehicle Speed: 25 MPH		Vehicle Mix: 3		Roadway Classification: Local					
NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)											Centerline Distance to		
Noise Adjustments											Noise Contour (in feet)		
Unmitigated Noise Levels													
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL	
Automobiles	59.44	-5.65	-0.06	-1.20	52.54	50.08	49.21	45.12	52.63	53.14	70 dBA:	3	4
Medium Trucks	71.09	-24.64	-0.06	-1.20	45.20	23.07	21.67	21.36	28.01	28.28	65 dBA:	8	8
Heavy Trucks	78.74	-29.46	-0.06	-1.20	48.03	20.73	16.57	20.62	26.97	27.07	60 dBA:	16	17
Total:				54.41	50.09	49.22	45.16	52.66	53.16		55 dBA:	35	38

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: GENERAL PLAN BUILDOUT YEAR 2040 CONDITIONS

**Project: Sausalito General Plan EIR
Site Conditions: Soft**

Road Name: Ebbtide Avenue

Segment: South of Bridgeway

Average Daily Traffic: 1720 Vehicles

Vehicle Speed: 25 MPH

Vehicle Mix: 3

Roadway Classification: Local

Vehicle Type	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.64 ft)										Centerline Distance to Noise Contour (in feet)		
	Noise Adjustments				Unmitigated Noise Levels								
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.		Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Ldn	CNEL	
Automobiles	59.44	-7.00	-0.06	-1.20	51.18	48.72	47.86	43.77	51.28	51.78	70 dBA:	3	3
Medium Trucks	71.09	-25.99	-0.06	-1.20	43.84	21.71	20.32	20.01	26.66	26.92	65 dBA:	6	7
Heavy Trucks	78.74	-30.81	-0.06	-1.20	46.67	19.38	15.21	19.26	25.61	25.72	60 dBA:	13	14
	Total:				53.05	48.73	47.87	43.80	51.30	51.80	55 dBA:	28	31

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