

Summary of Traffic Noise Modeling Results

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Roadway	Segment	Existing		2035		2035 Noise Levels > 60 Ldn?	Existing to 2035 Delta	Greater than 3 dB increase where Year 2035 and existing levels exceeds 60 Ldn?	Potential Traffic Noise Impacts	
		ADT	Sound Levels at Receiver Locations (Ldn) ¹	ADT	Sound Levels at Receiver Locations (Ldn) ¹				Project Causes Noise Level to Increase Above 60 Ldn where Existing Noise Level is Less than 60 Ldn	Existing Noise Level is Greater than 60 Ldn and Project Results in Increase of 3 dB or Greater
Anna Street	Bryte Avenue to Kegle Drive	1,613	53	1,636	53	No	0	No		
Bryte Avenue	Riverbank Road to Sacramento Avenue	4,057	57	4,336	57	No	0	No		
C Street	5th Street to 3rd Street	10,793	61	30,114	65	Yes	4	Yes		1
Carlin Drive	Oates Drive to Ramco Street	1,597	53	3,042	56	No	3	Yes		
Carrie Street	Bryte Avenue to Kegle Drive	1,312	52	1,383	53	No	1	No		
Cummins Way	Kegle Drive to 6th Street	1,483	53	2,023	54	No	1	No		
Davis Road	Jefferson Boulevard to Antioch Avenue	213	50	455	53	No	3	Yes		
Davis Road	Antioch Avenue to South River Road	315	52	2,065	59	No	7	Yes		
Del Monte Street	Harbor Boulevard to Cebrian Street	4,707	59	4,030	58	No	-1	No		
Enterprise Boulevard	Industrial Boulevard to Seaport Boulevard	12,404	66	31,424	70	Yes	4	Yes		1
Enterprise Boulevard	Seaport Boulevard to Channel Drive	5,483	61	25,013	68	Yes	7	Yes		1
Evergreen Avenue	Pine Street to Harbor Boulevard	3,108	56	3,142	56	No	0	No		
Evergreen Avenue	Harbor Boulevard to Coke Street	5,335	58	5,438	58	No	0	No		
F Street	Jefferson Boulevard to 8th Street	3,951	57	6,971	59	No	2	No		
F Street	8th Street to 2nd Street	1,612	53	5,969	58	No	5	Yes		
Golden Gate Drive	Oakland Bay Drive to Promenade Street	528	52	883	54	No	2	No		
Golden Gate Drive	Promenade Street to Marshall Road	1,757	57	2,747	58	No	1	No		
Gregory Avenue	Jefferson Boulevard to Bevan Road	1,164	58	1,070	58	No	0	No		
Gregory Avenue	Bevan Road to South River Road	1,046	58	1,149	58	No	0	No		
Harbor Boulevard	Rice Avenue to West Capitol Avenue	17,236	66	25,202	68	Yes	2	No		
Harbor Boulevard	Reed Avenue to Rice Avenue	19,913	67	28,285	68	Yes	1	No		
Harbor Boulevard	West Capitol Avenue to Evergreen Avenue	20,437	67	28,385	68	Yes	1	No		
Higgins Road	Linden Road to Hart Avenue	1,542	53	1,669	53	No	0	No		
Higgins Road	Hart Avenue to Jefferson Boulevard	2,646	55	2,775	55	No	0	No		
Industrial Boulevard	Enterprise Boulevard to Parkway Boulevard	8,174	66	8,275	66	Yes	0	No		
Industrial Boulevard	Parkway Boulevard to Harbor Boulevard	8,156	66	8,084	66	Yes	0	No		
Industrial Boulevard	Harbor Boulevard to Stone Boulevard	22,728	71	28,723	72	Yes	1	No		
Jefferson Boulevard	Sacramento Avenue to West Capitol Avenue	19,413	68	28,780	70	Yes	2	No		
Jefferson Boulevard	US 50 EB Ramp to 15th Street	30,460	69	34,238	69	Yes	0	No		
Jefferson Boulevard	15th Street to Stone Boulevard	34,960	72	41,845	73	Yes	1	No		
Jefferson Boulevard	Stone Boulevard to Washington Boulevard	35,053	72	42,878	73	Yes	1	No		
Jefferson Boulevard	Lake Washington Boulevard to Linden Road (South)	20,068	70	23,215	71	Yes	1	No		
Jefferson Boulevard	Linden Road (South) to Davis Road	15,040	69	18,066	70	Yes	1	No		
Jefferson Boulevard	Davis Road to Southport Parkway	4,014	66	8,033	69	Yes	3	Yes		1
Jefferson Boulevard	Southport Parkway to City Limits (South)	1,695	62	2,991	64	Yes	2	No		
Kegle Drive	Carrie Street to Anna Street	2,578	55	2,665	55	No	0	No		
Kegle Drive	Anna Street to Sacramento Avenue	8,696	60	10,609	61	Yes	1	No		
Lake Washington Boulevard	Stone Boulevard to Southport Parkway	21,450	70	28,290	72	Yes	2	No		
Lake Washington Boulevard	Jefferson Boulevard to Stonegate Drive	8,652	63	7,823	63	Yes	0	No		
Lake Washington Boulevard	Stonegate Drive to Village Parkway	2,192	58	4,914	61	Yes	3	Yes		1
Lighthouse Drive	Fountain Drive to A Street	2,974	59	8,317	63	Yes	4	Yes		1
Lighthouse Drive	Kegle Drive to Fountain Drive	1,790	54	2,127	54	No	0	No		
Linden Road (North)	Summerfield Drive to Jefferson Boulevard	6,745	59	6,778	59	No	0	No		
Linden Road (South)	Summerfield Drive to Jefferson Boulevard	2,273	58	2,309	58	No	0	No		
Linden Road (East)	Jefferson Boulevard to Stonegate Drive	5,551	61	7,857	63	Yes	2	No		
Linden Road (East)	Stonegate Drive to Alder Way	1,743	57	1,899	57	No	0	No		
Linden Road (East)	Alder Way to South River Road	667	53	1,817	57	No	4	Yes		
Marshall Road	Golden Gate Drive to Jefferson Boulevard	7,255	59	6,130	59	No	0	No		
Marshall Road	Marshall Road (westend) to Golden Gate Drive	4,279	60	3,063	59	No	-1	No		
Merkley Avenue	Sycamore Street to Westacre Road	1,799	54	1,822	54	No	0	No		
Merkley Avenue	Westacre Road to Jefferson Boulevard	4,500	57	4,598	57	No	0	No		
Michigan Boulevard	Pecan Street to Portsmouth Avenue	2,409	55	2,436	55	No	0	No		
Michigan Boulevard	Portsmouth Avenue to Jefferson Boulevard	1,724	53	2,540	55	No	2	No		
North Harbor Boulevard	Riverbank Road to Reed Avenue	3,784	60	6,989	62	Yes	2	No		
North Harbor Boulevard	City Limits to Riverbank Road	3,472	61	6,363	64	Yes	3	Yes		1
Oakland Bay Drive	Southport Parkway to Golden Gate Drive (East)	1,329	55	1,460	56	No	1	No		
Park Boulevard	Jefferson Boulevard to 15th Street	4,025	57	5,461	58	No	1	No		
Park Boulevard	15th Street to Stone Boulevard	4,030	57	6,206	59	No	2	No		
Promenade Way	Ramos Drive to Golden Gate Drive	4,588	61	5,520	61	Yes	0	No		
Riverbank Road	North Harbor Road to Bryte Avenue	957	51	1,327	52	No	1	No		
Sacramento Avenue	Sunset Avenue to Kegle Drive	15,553	67	27,734	70	Yes	3	Yes		1
Sacramento Avenue	Kegle Drive to 6th Street	8,124	63	14,724	66	Yes	3	Yes		1
South River Road	Tower Bridge Gateway to Bridge Street	1,497	56	18,231	67	Yes	11	Yes		1
South River Road	US 50 EB Ramp to 15th Street	8,418	63	34,371	69	Yes	6	Yes		1
South River Road	15th Street to END (South)	2,103	57	32,913	69	Yes	12	Yes		1
South River Road	Jefferson Boulevard to Linden Road	172	50	14,250	67	Yes	17	Yes		1

South River Road	Linden Road to Davis Road	234	51	2,799	60	Yes	9	Yes	1		
South River Road	Gregory Avenue to City Limits	889	57	996	57	No	0	No			
Southport Parkway	Ramco Street to Lake Washington Boulevard	16,306	69	20,769	70	Yes	1	No			
Southport Parkway	Promenade Street to Ramco Street	11,342	68	23,475	71	Yes	3	Yes		1	
Southport Parkway	Marshall Road to Promenade Street	4,908	64	9,688	67	Yes	3	Yes		1	
Southport Parkway	Jefferson Boulevard to Marshall Road	2,497	58	5,217	61	Yes	3	Yes	1		
Stone Boulevard	Industrial Boulevard to Jefferson Parkway	2,459	55	4,416	57	No	2	No			
Stonegate Drive	Lake Washington Boulevard to Village Parkway	2,805	59	2,888	59	No	0	No			
Sunset Avenue	North Harbor Boulevard to Sacramento Avenue	1,847	57	2,570	58	No	1	No			
Sycamore Street	West Capitol Avenue to Evergreen Avenue	2,048	54	2,560	55	No	1	No			
Terminal Street	Del Monte Street to Industrial Boulevard	2,340	56	2,701	57	No	1	No			
Todhunter Avenue	Anna Street to Sacramento Avenue	2,604	55	4,001	57	No	2	No			
West Capitol Avenue	I 80 WB Ramps to Northport Drive	5,403	63	6,899	64	Yes	1	No			
West Capitol Avenue	Northport Drive to Harbor Boulevard	8,194	65	9,403	65	Yes	0	No			
West Capitol Avenue	Harbor Boulevard to Sycamore Street	12,581	67	16,094	68	Yes	1	No			
West Capitol Avenue	Sycamore Street to Jefferson Boulevard	11,185	64	16,390	66	Yes	2	No			
West Capitol Avenue	Jefferson Boulevard to Garden Street	4,992	61	16,083	66	Yes	5	Yes		1	
West Capitol Avenue	Garden Street to 3rd Street	2,411	58	9,636	64	Yes	6	Yes	1		
Westacre Road	Michigan Boulevard to West Capitol Avenue	2,622	55	3,148	56	No	1	No			
3rd Street	B Street to Tower Bridge Gateway	2,463	55	22,223	64	Yes	9	Yes	1		
5th Street	A Street to West Capitol Avenue	7,181	63	21,900	67	Yes	4	Yes		1	
6th Street	Cummins Way to C Street	1,751	53	3,282	56	No	3	Yes			
15th Street	Jefferson Boulevard to South River Road	7,496	59	11,075	61	Yes	2	No	1		
Tower Bridge Gateway	where flyover meets the ground to Garden Street. EB	8,443	63	11,558	65	Yes	2	No			
Tower Bridge Gateway	where flyover meets the ground to Garden Street. WB	8,443	63	16,169	66	Yes	3	Yes		1	
South River Road	Bridge Street to US 50 EB Ramp	7,907	63	26,954	68	Yes	5	Yes		1	
Jefferson Boulevard	West Capitol Avenue to US 50 WB Ramp	20,322	67	26,884	68	Yes	1	No			
Harbor Boulevard	US 50 EB Ramps to Industrial Boulevard	41,544	70	47,876	71	Yes	1	No			
Enterprise Boulevard	I 80 EB Ramps to Industrial Boulevard	20,490	69	39,266	71	Yes	2	No			
Reed Avenue	West End to I 80 WB Ramps	6,392	58	7,889	58	No	0	No			
Lake Washington Boulevard	Southport Parkway to Jefferson Boulevard	17,829	70	27,716	71	Yes	1	No			
Westacre Road	West Capitol Avenue to Park Boulevard	5,887	58	6,859	59	No	1	No			
Reed Avenue	I 80 EB Ramps to Sunset Avenue	25,459	70	40,364	72	Yes	2	No			
Total segments with impacts										10	14

¹Sound levels were modeled at a distance of 50 feet from roadway centerline for all roadway segments.

Note: Potential traffic noise impacts in this Appendix do not take nearby land uses into consideration. For segments where potential impacts are identified, proximity to nearby noise sensitive land uses were considered in the final significance conclusions. This information is presented in the Noise Section (3.12) of the EIR.