

**Table 4-50
Traffic Noise Impacts On Project**

Roadway & Segment	Side	Land Use	Dist. from Centerline	Outdoor Level	Stdnd.	Sig. Impact?	Indoor Level Open	Closed	Indoor Standard Open/Closed	Sig. Impact?
Jeffrey Rd.										
South of SR-241	East	Open Space	66'	70	--	No	--	--	--	--
North of Portola	East	Residential	200'	63	65	No	51	43	45	Yes / No
North of Portola	East	Park	70'	70	65	Yes	--	--	--	--
South of Portola	West	Residential	100'	70	65	Yes	57	49	45	Yes / Yes
South of Portola	East	Residential	200'	65	65	Yes	53	45	45	Yes / Yes
North of Irvine	West	Residential	100'	71	65	Yes	58	50	45	Yes / Yes
North of Irvine	East	Residential	200'	66	65	Yes	54	46	45	Yes / Yes
Irvine to Bryan	East	Residential	200'	67	65	Yes	55	47	45	Yes / Yes
South of Bryan	East	Residential	200'	67	65	Yes	55	47	45	Yes / Yes
South of Bryan	West	Residential	88'	73	65	Yes	60	52	45	Yes / Yes
South of Bryan	East	Golf Retention	66'	75	--	No	--	--	--	--
Sand Canyon Av.										
South of Portola	West	Comm./Ind.	92'	71	--	No	58	50	50	Yes / Yes
South of Portola	West	Potential Retail	92'	71	--	No	58	50	55	Yes / No
South of Portola	East	Comm./Ind.	92'	71	--	No	58	50	50	Yes / Yes
North of Irvine	West	Comm./Ind.	92'	72	--	No	59	51	50	Yes / Yes
North of Irvine	West	Potential Retail	92'	72	--	No	59	51	55	Yes / No
North of Irvine	East	Comm./Ind.	92'	72	--	No	59	51	50	Yes / Yes
South of Irvine	West	Residential	101'	72	65	Yes	59	51	45	Yes / Yes
South of Irvine	West	Potential Retail	101'	72	--	No	59	51	55	Yes / No
South of Irvine	East	Comm./Ind.	101'	72	--	No	59	51	50	Yes / Yes
North of Trabuco	West	Residential	95'	72	65	Yes	60	52	45	Yes / Yes
North of Trabuco	West	Potential Retail	101'	72	--	No	59	51	55	Yes / No
North of Trabuco	East	Comm./Ind.	101'	72	--	No	59	51	50	Yes / Yes

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Research										
South of Portola	West	Comm./Ind.	80'	70	--	No	57	49	50	Yes / No
South of Portola	East	Comm./Ind.	80'	70	--	No	57	49	50	Yes / No
North of Irvine	West	Comm./Ind.	80'	70	--	No	57	49	50	Yes / No
Millennium Bl.										
South of Portola	West	Residential	82'	69	65	Yes	56	48	45	Yes / Yes
South of Portola	East	Residential	82'	69	65	Yes	56	48	45	Yes / Yes
North of Irvine	West	Comm./Ind.	80'	70	--	No	57	49	50	Yes / No
North of Irvine	East	Comm./Ind.	80'	70	--	No	57	49	50	Yes / No
Portola Pkwy.										
West of Jeffery	South	Residential	82'	71	65	Yes	58	50	45	Yes / Yes
East of Jeffery	North	Residential	82'	70	65	Yes	58	50	45	Yes / Yes
East of Jeffery	South	Residential	82'	70	65	Yes	58	50	45	Yes / Yes
West of Sand Canyon	North	Open Space	58'	73	--	No	--	--	--	--
West of Sand Canyon	South	Comm./Ind.	80'	71	--	No	58	50	50	Yes / Yes
Sand Canyon to SR-133	North	Open Space	58'	75	--	No	--	--	--	--
Sand Canyon to SR-133	South	Comm./Ind.	80'	73	--	No	60	52	50	Yes / Yes
Sand Canyon to SR-133	South	Potential Retail	80'	73	--	No	60	52	55	Yes / No
SR-133 to Research	North	Comm./Ind.	80'	73	--	No	60	52	50	Yes / Yes
SR-133 to Research	South	Comm./Ind.	80'	73	--	No	60	52	50	Yes / Yes
Research to Millennium	North	Residential	82'	71	65	Yes	58	50	45	Yes / Yes
Research to Millennium	South	Residential	82'	71	65	Yes	58	50	45	Yes / Yes
East of Millennium	North	Residential	82'	72	65	Yes	59	51	45	Yes / Yes
East of Millennium	South	Residential	82'	72	65	Yes	59	51	45	Yes / Yes
East of Millennium	South	Potential Retail	80'	72	--	No	59	51	55	Yes / No
South of SR-241	North	Residential	82'	71	65	Yes	58	50	45	Yes / Yes
South of SR-241	North	Potential Retail	80'	71	--	No	58	50	55	Yes / No
South of SR-241	South	Residential	82'	71	65	Yes	58	50	45	Yes / Yes

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Roadway & Segment	Side	Land Use	Dist. from Centerline	Outdoor Level	Stdnd. Stndrd.	Sig. Impact?	Indoor Level Open	Indoor Closed	Indoor Standard Open/Closed	Sig. Impact?
Irvine Bl.										
West of Jeffery	North	Residential	102'	71	65	Yes	58	50	45	Yes / Yes
East of Jeffery	North	Residential	94'	72	65	Yes	59	51	45	Yes / Yes
East of Jeffery	South	Residential	94'	72	65	Yes	59	51	45	Yes / Yes
West of Sand Canyon	North	Comm./Ind.	92'	71	--	No	58	50	50	Yes / Yes
West of Sand Canyon	Both	Potential Retail	92'	71	--	No	58	50	55	Yes / No
West of Sand Canyon	South	Residential	94'	71	65	Yes	58	50	45	Yes / Yes
Sand Canyon to SR-133	North	Comm./Ind.	92'	72	--	No	59	51	50	Yes / Yes
Sand Canyon to SR-133	South	Comm./Ind.	92'	72	--	No	59	51	50	Yes / Yes
SR-133 to Research	North	Comm./Ind.	92'	72	--	No	59	51	50	Yes / Yes
Millennium to Connector	North	Comm./Ind.	92'	72	--	No	59	51	50	Yes / Yes
Bryan Av.										
Yale to Jeffery	South	Residential	82'	66	65	Yes	54	45	45	Yes / Yes
Trabuco Rd.										
Yale to Jeffery	North	Residential	82'	68	65	Yes	55	47	45	Yes / Yes
Jeffery to Road "A"	North	Residential	84'	69	65	Yes	56	48	45	Yes / Yes
Road "A" to Collector St.	North	Residential	84'	69	65	Yes	56	48	45	Yes / Yes
Collector St. to Road "C"	North	Residential	84'	69	65	Yes	56	48	45	Yes / Yes
Road "C" Sand Canyon	North	Residential	84'	69	65	Yes	56	48	45	Yes / Yes
Road "C" Sand Canyon	North	Potential Retail	84'	69	--	No	56	48	55	Yes / No
Sand Canyon SR-133	North	Comm./Ind.	84'	71	--	No	58	50	50	Yes / Yes
SR-133 to Research	North	Comm./Ind.	84'	73	--	No	60	52	50	Yes / Yes

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SR-241										
Culver to Jeffery	Both	Open Space	150'	76	--	No	--	--	--	--
Jeffery to SR-133	Both	Open Space	150'	76	--	No	--	--	--	--
SR-133 to Portola	North	Open Space	150'	77	--	No	--	--	--	--
East of SR-133	South	Comm./Ind.	150'	77	--	No	64	56	50	Yes / Yes
West of Portola	South	Residential	150'	77	65	Yes	64	56	45	Yes / Yes
West of Portola	South	Potential Retail	150'	77	--	No	64	56	55	Yes / Yes
Portola to Alton	North	Open Space	150'	76	--	No	--	--	--	--
SR-133										
South of SR-241	West	Open Space	150'	76	--	No	--	--	--	--
South of SR-241	East	Comm./Ind.	150'	76	--	No	64	56	50	Yes / Yes
North of Irvine	West	Comm./Ind.	150'	76	--	No	64	56	50	Yes / Yes
North of Irvine	East	Comm./Ind.	150'	76	--	No	64	56	50	Yes / Yes
Irvine to Trabuco	West	Comm./Ind.	150'	76	--	No	63	55	50	Yes / Yes