

Appendix B - Noise Level Measurement Data

Measurement ID	Approximate Milepost	Date	Time (1)	Location/Description	Approximate Distance from I-15/90 Centerline	Measured L _{eq} (dBA)	Measured L _{max} (dBA)	Measured L _{min} (dBA)	Noise Sources During Measurement	EB/SB I-15/90			WB/NB I-15/90			Other Movements		Atmospheric Conditions			
										Cars	Heavy Trucks	Medium Trucks	Cars	Heavy Trucks	Medium Trucks	Count	Notes	Temp. (F)	Humidity	Wind (MPH)	Sky
M1	126.2	11/2/2006	3:30-3:50PM	Northside of LaSalle Ave. (west of ramp portion of EB off-ramp) between Jackson and Washington Street	209' south of mainline centerline	65.6	78.0	48.3	I-15/90 traffic was the dominant noise source. Other noise sources included a diesel truck on adjacent Lasalle St and a dog a 1/2 block away.	126	34	4	142	16	0	49-C, 1-T (WB on), 63-C, 2-T, 1-M (EB off)	WB Montana St. on-ramp counts were added to WB totals, EB off-ramp counts were added to EB totals	30-35	65-75%	Calm, 0-5	Partly Cloudy
			3:55-4:15 PM			65.8	76.4	48.3	I-15/90 traffic was the dominant noise source. Other noise sources included a car on adjacent Lasalle St and a dog a 1/2 block away.	125	30	7	160	14	3	52-C, 1-T (WB on), 73-C, 5-T, 4-M, 2-B (EB off)	WB Montana St. on-ramp, these were added to WB counts, need EB off-ramp counts (bus as med.)				
M2	126.35	11/2/2006	3:30-3:50PM	Southside of LaSalle Ave. (EB on-ramp) between Montana Street and Placer Street	243' south of mainline centerline	68.0	84.3	54.0	I-15/90 and on-ramp traffic was the dominant noise source. Other noise sources included vehicles on Montana St. at gas station. Lots of diesel pickup trucks.	63	32	3	93	15	0	63-C, 2-T, 1-M (off) 51-C, 1-T (on) 195-C, 3-T, 2-Bus (MT)	Need EB on & off-ramp counts and Montana Street: Nothing added to mainline counts at this location	30-35	65-75%	Calm, 0-5	Partly Cloudy
			3:55-4:15 PM			68.2	87.8	50.3	sources included vehicles on Montana St. at gas station. Lots of diesel pickup trucks.	73	24	2	108	13	3	1-T (on) 150-C, 1-T, 1-Bus (MT)	Need EB on & off-ramp counts and Montana Street: Nothing added to mainline counts at this location				
M3	127.45	11/2/2006	2:10-2:30 PM	On Blacktail Creek bike path near Yale Avenue parking area	105' north of mainline centerline	71.2	81.7	47.0	I-15/90 traffic was the dominant noise source. Other noise sources included a small stream and path users.	112	18	4	122	26	5	N/A		33-38	65-75%	Calm, 0-5	Partly Cloudy
			2:35-2:55 PM			71.6	533.0	89.1	I-15/90 traffic was the dominant noise source. Other noise sources included a small stream and path users.	124	24	5	116	23	5	N/A					
M4	127.6	11/2/2006	2:10-2:30 PM	Intersection of Kennedy Ave. and Evans Ave. adjacent to right of way fence	85' south of mainline centerline	75.2	90.0	48.9	I-15/90 traffic was the dominant noise source. Other noise sources included a barking dog ~200' away.	112	18	4	122	26	5	N/A		33-38	65-75%	Calm, 0-5	Partly Cloudy
			2:35-2:55 PM			76.0	91.7	47.8	I-15/90 traffic was the dominant noise source. Other noise sources included 1 car on adjacent road and a barking dog ~200' away.	124	24	5	116	23	5	N/A					
M5	128.15	11/2/2006	12:30-12:50 PM	Near Father Sheehan Park along bike Path near right of way	141' north of mainline centerline	62.0	76.4	38.9	I-15/90 traffic was the dominant noise source. Other noise sources included a propeller airplane.	63	15	3	86	11	2	24-C, 2-T (off) 25-C, 2-T (on)	Harrison WB on & off-ramp counts	40-45	65-75%	Calm, 0-5	Mostly Sunny
			12:55-1:15 PM			63.2	77.8	39.2	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient noises.	81	21	4	83	29	4	24-C, 1-M, 1-T (off) 20-C, (on)	Harrison WB on & off-ramp counts				
M6	128.2	11/2/2006	12:30-12:50 PM	In Father Sheehan Park at southeastern corner of Playground	510' north of mainline centerline	59.4	81.7	38.0	I-15/90 traffic was the dominant noise source. Other noise sources included a car door closing, propeller airplane.	63	15	3	86	11	2	N/A		40-45	65-75%	Calm, 0-5	Mostly Sunny
			12:55-1:15 PM			56.3	67.8	40.3	I-15/90 traffic was the dominant noise source. Other noise sources included a car door closing and people talking in the distance.	81	21	4	83	29	4	N/A					
M7	128.6	11/2/2006	11:25-11:45 AM	Intersection of Wharton St. and Porter Ave. (northside) near right of way fence	113' south of mainline centerline	72.7	81.2	42.3	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient neighborhood noise.	69	34	2	80	16	1	N/A		35-40	65-75%	Calm, 0-5	Mostly Sunny
			11:50-12:10 PM			71.9	40.9	88.3	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient neighborhood noise.	69	21	2	64	20	2	N/A					
M8	128.7	11/2/2006	11:25-11:45 AM	At end of Sherman Street (north of I-15/90) near right of way fence	168' north of mainline centerline	70.5	80.2	43.8	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient neighborhood noise.	69	34	2	80	16	1	N/A		35-40	65-75%	Calm, 0-5	Mostly Sunny
			11:50-12:10 PM			70.5	79.7	46.3	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient neighborhood noise.	69	21	2	64	20	2	N/A					
M9	129.0	11/2/2006	10:20-10:40 AM	Near intersection of Gladstone Street and Goodwin Avenue	151' north of mainline centerline	57.8	68.3	37.9	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient neighborhood noise, dogs barking at a distance.	60	24	2	71	24	3		Did not count Continental	30-35	65-75%	Calm, 0-5	Mostly Sunny
			10:45-11:05 AM			57.5	67.5	35.4	I-15/90 traffic was the dominant noise source. Other noise sources included normal ambient neighborhood noise, dogs barking at a distance.	59	33	1	81	25	7	30	Continental Overpass counts				
M10	129.05	11/2/2006	10:20-10:40 AM	Northside of Evans Avenue ~200' east of Hancock Ave. near right of way fence	125' south of mainline centerline	70.9	83.8	45.7	I-15/90 traffic was the dominant noise source. Other noise sources included vehicles on Sheridan overpass, car on Evans and a dog barking.	60	24	2	71	24	3		Did not count Continental	30-35	65-75%	Calm, 0-5	Mostly Sunny
			10:45-11:05 AM			70.9	84.2	39.5	I-15/90 traffic was the dominant noise source. Other noise sources included vehicles on Sheridan overpass and a dog barking ~300' away.	59	33	1	81	25	7	30	Continental Overpass counts				
M11	129.3	11/1/2006	5:00-5:30 PM	Northside of Wharton Street east of eastern most house on northside of street	727' south/west of mainline centerline	57.6	73.5	45.8	I-15/90 traffic was the dominant noise source. Other noise sources included couple vehicles on adjacent Wharton Street.	101	26	3	70	24	3	6-C, 1-T (SB) 37-C, 3-T (NB)	I-15 to I-90 Loop Ramps	20-25	65-75%	Calm, 0-5	Partly Cloudy
			5:40-6:10 PM			57.8	81.3	43.5	I-15/90 traffic was the dominant noise source. Other noise sources included couple vehicles on adjacent Wharton Street.	86	20	2	68	20	4	4-C, 0-T (SB) 20-C, 4-T (NB)	I-15 to I-90 Loop Ramps				
M12	129.5	11/1/2006	5:00-5:30 PM	in cul de sac of Wharton Street (far east end) near right of way fence	150' south/west of mainline centerline	64.8	84.4	42.1	I-15/90 traffic was the dominant noise source. Other noise sources included couple vehicles on adjacent Wharton Street.	101	26	3	70	24	3	6-C, 1-T (SB) 37-C, 3-T (NB)	I-15 to I-90 Loop Ramps	20-25	65-75%	Calm, 0-5	Partly Cloudy
			5:40-6:10 PM			63.9	42.4	96.7 (2)	I-15/90 traffic was the dominant noise source. Other noise sources included couple vehicles on adjacent Wharton Street.	86	20	2	68	20	4	4-C, 0-T (SB) 20-C, 4-T (NB)	I-15 to I-90 Loop Ramps				
M13	227.8	11/1/2006	3:35-4:05 PM	Near cul de sac of East Lake Street; in field behind homes adjacent to right of way fence	150' west of mainline centerline	64.1	79.4	38.0	I-90 traffic was the dominant noise source. Other noise sources included a few cars on Burlington overpass & helicopter. Location in field grass	106	21	1	91	26	6	N/A		25-30	65-75%	Calm, 0-5	Partly Cloudy
			4:10-4:40 PM			66.1	82.9	42.9	I-90 traffic was the dominant noise source. Other noise sources included a few cars on Burlington overpass. Location in field grass	117	31	5	95	18	8	N/A					
M14	228	11/1/2006	3:35-4:05 PM	Near Atherton Apartments (off Continental Dr.) behind apartments near right of way fence	150' west of mainline centerline	58.1	70.9	37.6	I-90 traffic was the dominant noise source. Other noise sources included a few cars in apartment parking lot. Location in field grass	106	21	1	91	26	6	N/A		25-30	65-75%	Calm, 0-5	Partly Cloudy
			4:10-4:40 PM			60.1	74.2	42.0	I-90 traffic was the dominant noise source. Other noise sources included a few cars in apartment parking lot. Location in field grass	117	31	5	95	18	8	N/A					

Notes:

- 1) All time periods are 20 minutes except M11-M14, which are 30 minutes
- 2) Lmax is inaccurate because stop button froze up. Leq was recorded at 30 minute mark, but Lmax was not recorded until button unfroze after sittin in car for a while.