

## Junipero Serra Trail Project

### Appendix C: Noise Monitoring Results

**Junipero Serra Trail Ambient Noise Monitoring**  
**City of Cupertino, CA**  
**Appendix: Ambient Noise Monitoring Data**  
**Prepared by MIG, January 2022**

<b>TABLE 1: SUMMARY OF SITE ST-1 NOISE MONITORING DATA</b>					
Date	Start Time	Duration	Leq	Lmin	Lmax
1/4/2022	9:40 AM	10-min	74.9	69.4	81.2
1/4/2022	9:50 AM	10-min	74.7	67.2	79.3
1/4/2022	10:00 AM	10-min	74.7	68.0	79.0
1/4/2022	10:10 AM	10-min	74.5	67.7	79.6
1/4/2022	10:20 AM	10-min	74.5	67.0	78.3
1/4/2022	10:30 AM	10-min	75.1	69.2	82.6
1/4/2022	10:40 AM	10-min	75.2	67.3	79.8
1/4/2022	10:50 AM	10-min	75.0	67.3	78.7
10:00 AM to 11:00 AM		1-hr	74.9	69.2	78.3

<b>TABLE 2: SUMMARY OF SITE ST-2 NOISE MONITORING DATA</b>					
Date	Start Time	Duration	Leq	Lmin	Lmax
1/4/2022	11:04 AM	10-min	68.8	60.4	73.9
1/4/2022	11:14 AM	10-min	68.7	62.0	74.7

<b>TABLE 3: SUMMARY OF SITE ST-3 NOISE MONITORING DATA</b>					
Date	Start Time	Duration	Leq	Lmin	Lmax
1/4/2022	11:25 AM	10-min	76.9	66.9	83.3

<b>TABLE 4: SUMMARY OF SITE ST-4 NOISE MONITORING DATA</b>					
Date	Start Time	Duration	Leq	Lmin	Lmax
1/4/2022	11:43 AM	10-min	66.5	60.7	72.9





**TABLE 7: NOISE LEVEL COMPARISON FOR ST-1**

Date	Start Time	Duration	Leq (dBA)			ST Δ from	
			LT-1	LT-2	ST	LT-1	LT-2
1/4/2022	9:40 AM	10-min	63.3	72.3	74.9	11.6	2.7
1/4/2022	9:50 AM	10-min	63.5	72.0	74.7	11.2	2.7
1/4/2022	10:00 AM	10-min	63.6	72.1	74.7	11.2	2.7
1/4/2022	10:10 AM	10-min	63.2	71.8	74.5	11.3	2.7
1/4/2022	10:20 AM	10-min	63.7	72.6	74.5	10.8	2.0
1/4/2022	10:30 AM	10-min	64.1	72.9	75.1	11.0	2.2
1/4/2022	10:40 AM	10-min	64.1	73.0	75.2	11.1	2.2
1/4/2022	10:50 AM	10-min	64.0	72.8	75.0	11.1	2.2
<i>Averages</i>			63.7	72.4	74.9	11.2	2.4

**TABLE 8: NOISE LEVEL COMPARISON FOR ST-2**

Date	Start Time	Duration	Leq (dBA)			ST Δ from	
			LT-1	LT-2	ST	LT-1	LT-2
1/4/2022	11:04 AM	10-min	64.5	72.6	68.8	4.3	-3.8
1/4/2022	11:14 AM	10-min	63.7	72.5	68.7	5.0	-3.8
<i>Averages</i>			64.1	72.6	68.8	4.7	-3.8

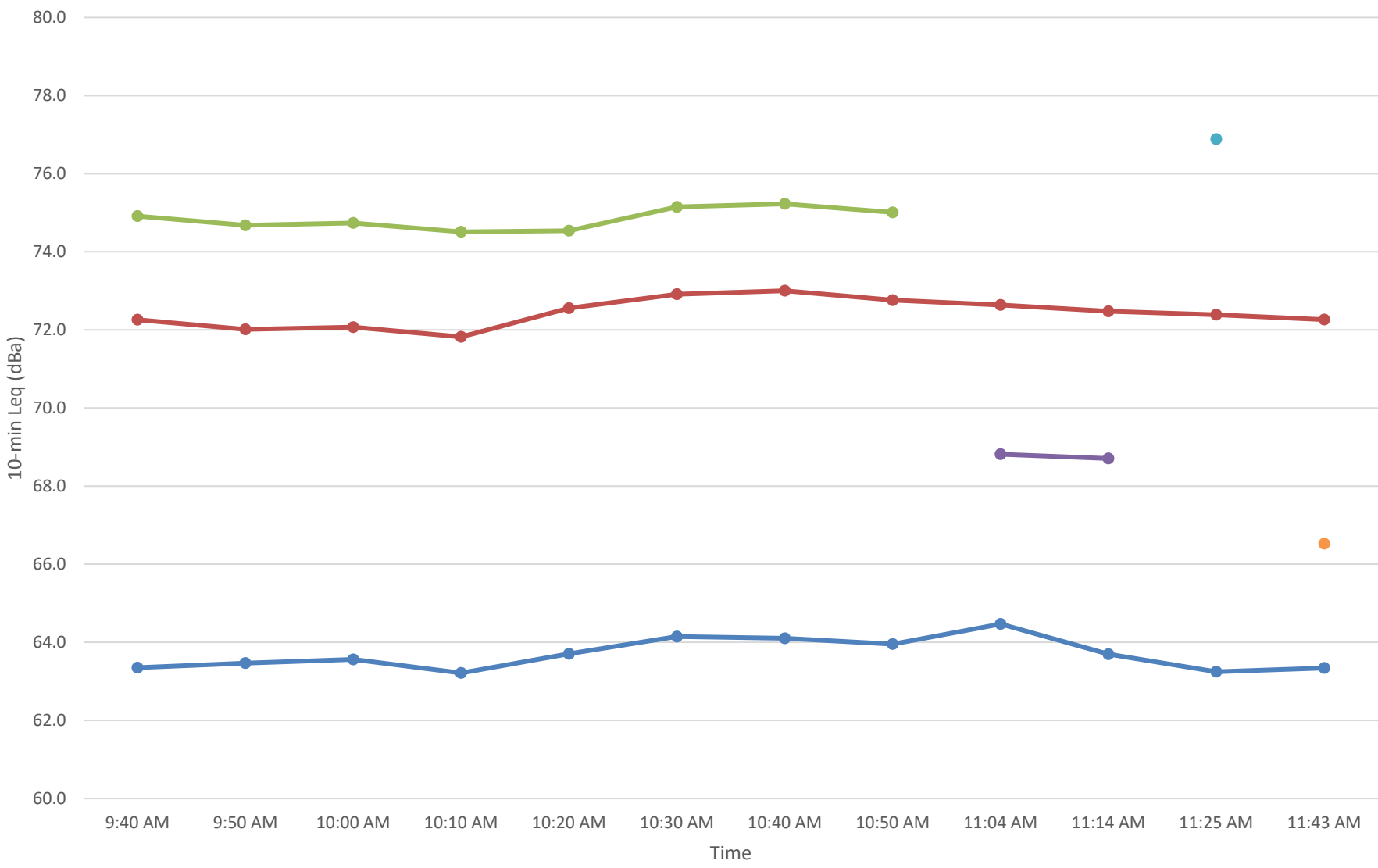
**TABLE 9: NOISE LEVEL COMPARISON FOR ST-3**

Date	Start Time	Duration	Leq (dBA)			ST Δ from	
			LT-1	LT-2	ST	LT-1	LT-2
1/4/2022	11:25 AM	10-min	63.2	72.4	76.9	13.6	4.5

**TABLE 10: NOISE LEVEL COMPARISON FOR ST-4**

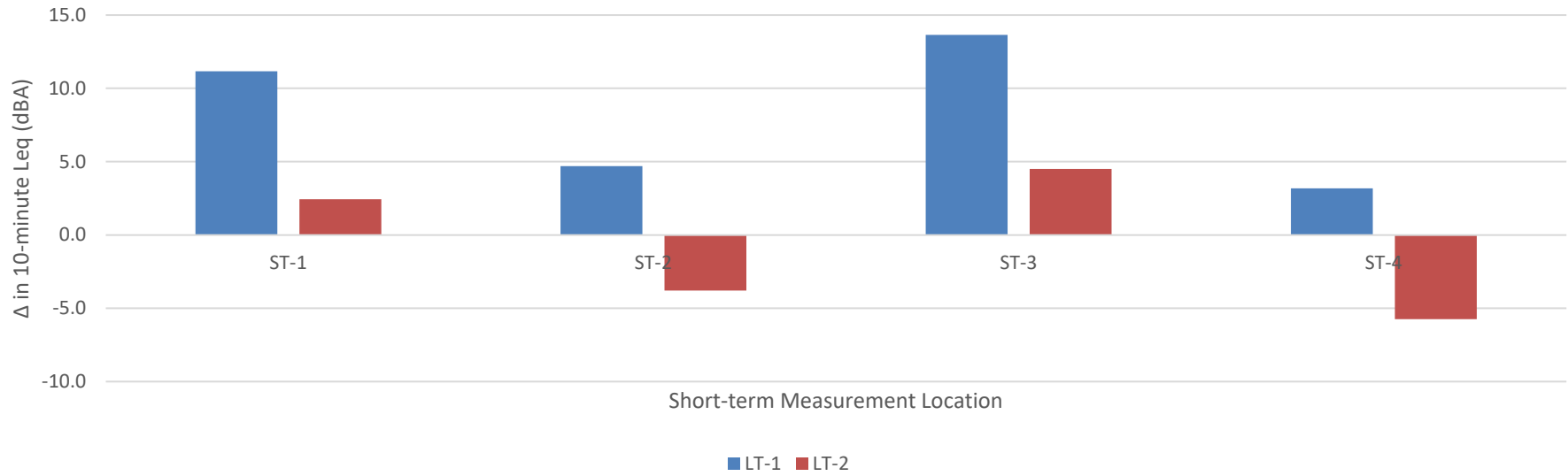
Date	Start Time	Duration	Leq (dBA)			ST Δ from	
			LT-1	LT-2	ST	LT-1	LT-2
1/4/2022	11:43 AM	10-min	63.3	72.3	66.5	3.2	-5.7

### 10-min Leq Values for Long- and Short Term Locations



LT-1 LT-2 ST-1 ST-2 ST-3 ST-4

### Short-term Noise Levels Compared to Long-term Noise Levels



### Long-term Noise Levels Compared to Short-term Noise Levels

