

LOOP 202 SOUTH MOUNTAIN FREEWAY NOISE MEASUREMENT LEVELS | MARCH 2-6, 2020

Following the opening of the Loop 202 South Mountain Freeway in December 2019, the Arizona Department of Transportation received a number of requests from residents of the adjacent communities for noise-level measurements. The primary purpose of the measurements was to establish the noise levels along the entire corridor, at locations and times requested by the residents (during morning and evening rush hours). The noise measurements were taken between March 2 and March 6, 2020. The noise measurements were aligned with ongoing freeway constructions activities, prior to school spring break and an overlay of rubberized asphalt.

Additional testing of freeway noise levels is scheduled throughout the 22-mile corridor in summer 2020 when the freeway is fully operational, and then in compliance with the Record of Decision issued with the Final Environmental Impact Statement.

Results of the noise measurements at specific locations are provided in the table below, followed with spatially located visual representation of the results.

2-Mar		
Location	Time	Noise level (dBA)
7110 S 62nd Ave, Laveen Village, AZ, USA	06:31 - 07:11	65.8
6015 West Vineyard Road, Laveen Village, AZ, USA	07:11 - 07:39	64.5
6139 West Vineyard Road, Laveen Village, AZ, USA		
6302 West Vineyard Road, Phoenix, AZ, USA	07:49 - 08:20	57.3
4436 W. Monterey Rd, Laveen Village, AZ, USA	15:59 - 16:31	55.4
4312 W Galveston St, Laveen Village, AZ, USA	16:43 - 17:19	57.8
4338 W. Galveston St., Laveen Village, AZ, USA	17:20 - 17:46	61.8
3-Mar		
Location	Time	Noise level (dBA)
17014 South 34th Street, Phoenix, AZ, USA	16:00 - 16:32	56.9
3411 E Cedarwood Ln, Phoenix, AZ, USA	16:35 - 17:07	56.8
3423 E Cedarwood Ln, Phoenix, AZ, USA		
3317 E Cedarwood Ln, Phoenix, AZ, USA	17:12 - 17:44	57.4
3407 E Cedarwood Ln, Phoenix, AZ, USA		
4-Mar		
Location	Time	Noise level (dBA)
17010 South 32nd Place, Phoenix, AZ, USA	06:19 - 06:51	53.6
17006 South 32nd Place, Phoenix, AZ, USA		
3215 E Cedarwood Ln, Phoenix, AZ, USA	06:52 - 07:32	54.2
3239 E Cedarwood Ln, Phoenix, AZ, USA	07:32 - 08:01	53.9
3301 E Cedarwood Ln, Phoenix, AZ, USA		
2709 W. Ashurst Dr., Laveen Village, AZ, USA	16:00 - 16:38	43.4
1818 West Windsong Drive, Phoenix, AZ, USA	16:55 - 17:26	50
16606 South 18th Drive, Phoenix, AZ, USA	17:32 - 18:02	46.4
16602 South 18th Drive, Phoenix, AZ, USA		
1856 W Glenhaven Dr, Phoenix, AZ, USA		
5-Mar		
Location	Time	Noise level (dBA)
16861 South 1st Drive, Phoenix, AZ, USA	06:30 - 07:12	57.6
7409 S. 63rd Ave, Laveen Village, AZ, USA	07:44 - 08:17	59.3
Promontory 1 - Lot 30	16:29 - 17:01	56.2
Promontory 2 - Lot 33	16:29 - 17:01	56.2
Promontory 3 - Lot 37	17:07 - 17:33	52.6
Promontory 4 - Lot 65	17:40 - 18:18	53

Figure 1 - Noise levels - area near West Southern Avenue and West Baseline Road

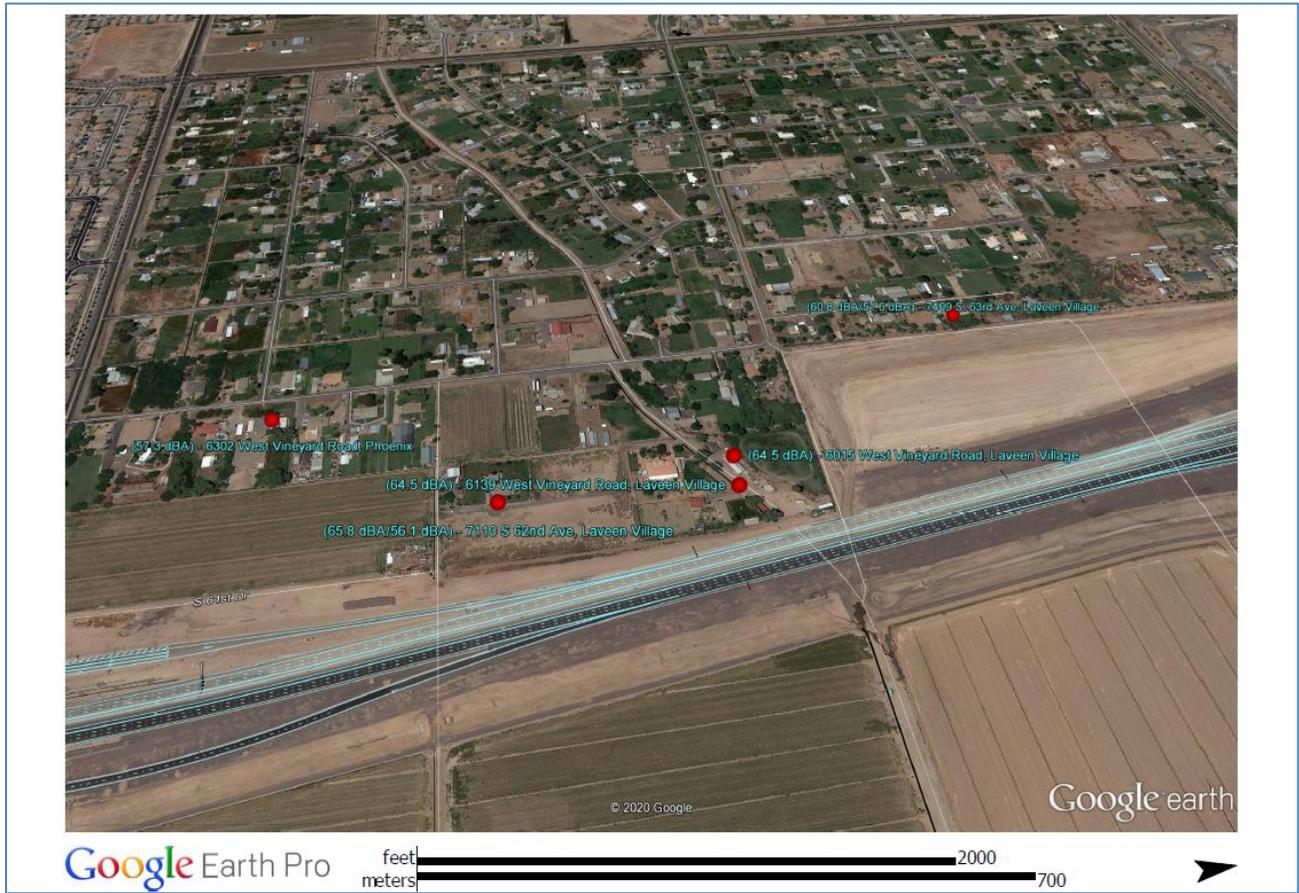


Figure 2 - Noise levels - area near Vee Quiva Way and Ivanhoe Street



Figure 3 - Noise levels - area adjacent to South 32nd Street



Figure 4 - Noise levels - area between South 32nd Street and Kyrene de los Lagos Elementary School

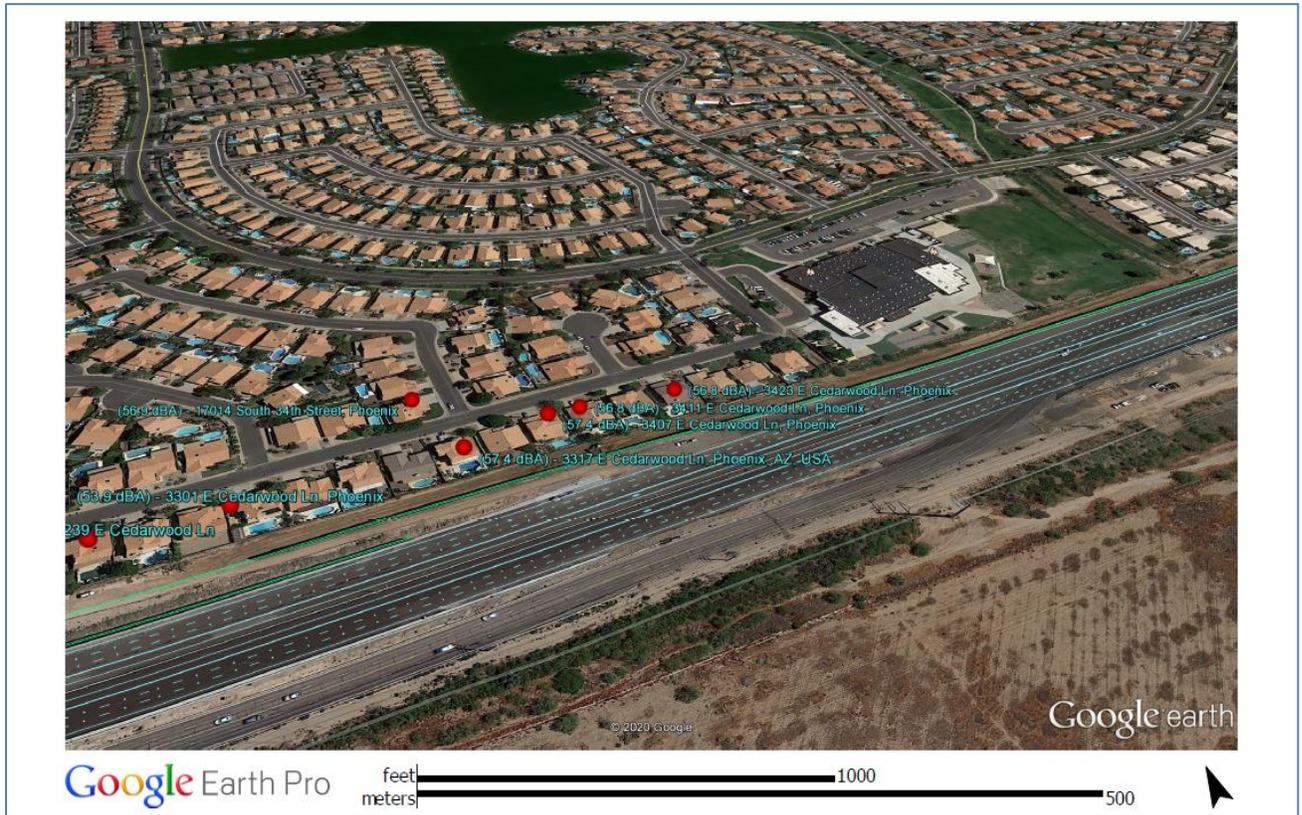


Figure 5 - Noise levels - area adjacent crossing at West Liberty Lane and South 1st Drive

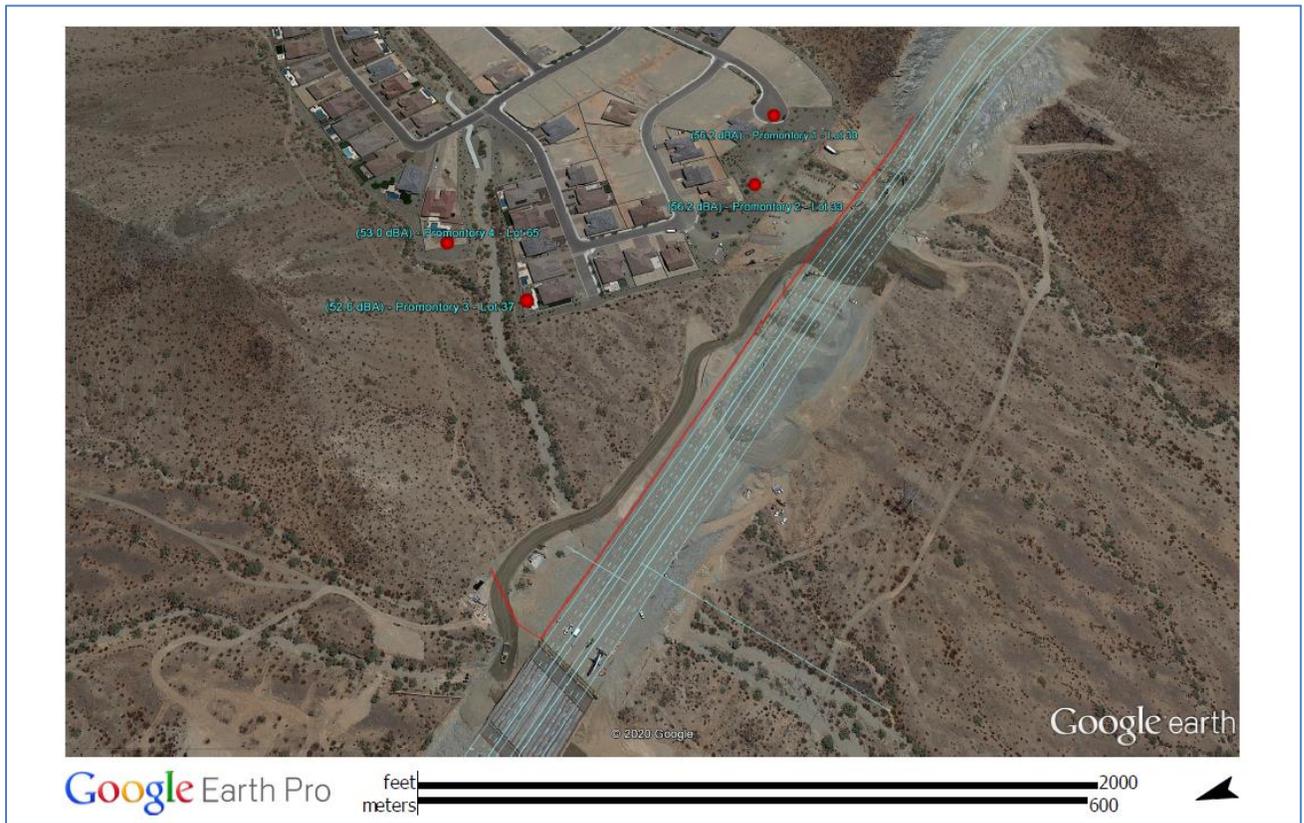
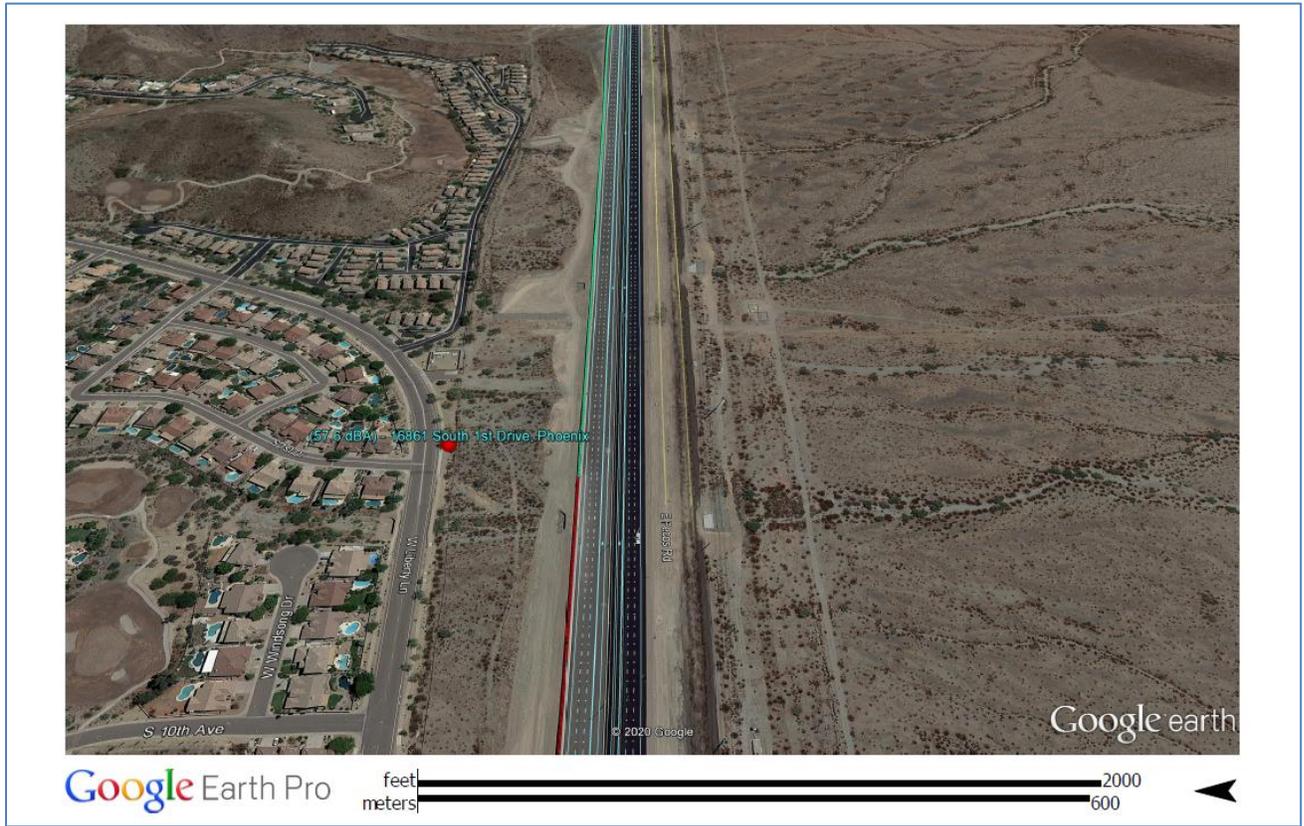


Figure 6 - Noise levels - area at Foothills Reserve north of west Chandler Boulevard



Figure 7 - Noise levels - area to the west of South 17th Avenue, north of West Liberty Lane

